Construction Supply

www.edgecs.com

Spokane

Billings

Boise

Idaho Falls

Eugene

Gillette

Medford

Yakima

Product Catalog № 11

Serving the Construction Industry Since 1949

UNISTRUT®

A PART OF atkore INTERNATIONAL

There is only one Unistrut Metal Framing System. Take advantage of the most complete and flexible support system available, by contacting our national network of distributors and service centers. See for yourself how to work faster, easier, and smarter with the one and only framing system.

UNISTRUT®
The one you know, the one you trust, the one you ask for by name.

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www.unistrut.com

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To Our Valued Customers:

Edge Construction Supply is proud to present our new product catalog. This catalog is the culmination of over 60 years of being in business and servicing the construction and industrial markets. It's hard to believe we started back in1949 as a scaffolding company in Spokane, Washington under the name of Safway Supply . In 2007, we sold our scaffold division and changed our name to Edge Construction Supply. While the name changed, the large majority of our business has remained the same and we continue to be privately held. Over the years we've grown to become a dominant regional distributor with eight locations across the five northwest states of Washington, Oregon, Idaho, Montana, and Wyoming.

We have built our reputation by providing the best selection of high quality tools and supplies from the industry's leading manufacturers. Edge prides itself on stocking large inventories of tools and supplies that our customers have come to expect and need to satisfy tight schedules and large projects. We offer over 60,000 items that we buy direct from over 300 manufacturers. Inside this newest catalog you will find over 600 pages of our most popular products. We want you to use this catalog as a buying guide and reference tool to assist in your purchasing needs.

Our highly trained sales staff knows the construction business and is eager to help you with your project and make sure you get the right tool or product for the job. If you do not see an item you are looking for, give us a call and our experienced staff can locate most any product and provide you with a solution. We pride ourselves on being the best problem solvers in the industry. We have the flexibility to quickly order or stock specialty tools, supplies, and engineered products to meet all your construction and manufacturing needs. This catalog is primarily a reference tool and only provides a summary of the most important product features, so contact our staff for help in putting together submittal packages and gathering the most up-to-the-date manufacturer's specifications to fulfill any detailed requirements you have.

Thank you for over 60 years of business and trust that you have placed in us. We value our relationship and look forward to many more years of serving you. We will continue to work hard to make Edge Construction Supply your supplier of choice and one-stop-shop!

Sincerely,

Eric Grabowski

Eric Grabowski

President

Rick Thomas

Rick Thomas

Chairman

So, come to the Edge, and let us be your supplier of choice and integral business partner.

Edge Customer Service Policies

Pricing & Quotations
Prices have been omitted from this catalog because of frequent changes by manufacturers. However, as a customer you may be fully confident that our prices will be competitive with current market quotations. Prices are typically net distribution prices and are subject to change without notification. Quotations are available upon request. Quotations are good for immediate acceptance unless otherwise noted, and are subject to change without notice.

Sales Tax
Edge is required to charge state and local tax for which sales tax exemption certification has not been provided. Please provide sales tax exemption certification before ordering.

Terms of Sale
For customers with established credit, payment terms are Net 30. All orders are subject to the approval of the Credit Department. Payments should be mailed to the remit to address on the invoice. A service charge will be added to all amounts not paid within 30 days.

Cash Payment
We accept cash and most major credit cards.

Returns & Cancellations
We desire to handle all returns in a fair and flexible manner. Please contact a customer service representative prior to returning any merchandise for approval. Edge requires original invoice on all returned merchandise and will charge a restocking fee or handling charge. Special order or custom manufactured items may not be returned or cancelled. Products with an expiration date may not be returned if close to or after the expiration date. Products with traceability or certification requirements may not be returned without all necessary documentation. Products with damaged boxes and missing proper identification may not be returned. Cancellation of orders may not be made without our consent.

Delivery & Freight
We offer flexible freight and delivery options. Ask about the most effective way to get your products to your jobsite or location in the timeframe you require. We have delivery vehicles to service local delivery needs. Edge also contracts with UPS, common carriers, and flatbed haulers to provide freight options for all the products we carry to any location requested. Special delivery requests, direct shipments from the manufacturer, UPS and common carrier from our warehouse are F.O.B. shipping point unless otherwise noted. All merchandise becomes the property of the purchaser upon delivery to the carrier. In the event merchandise is damaged or lost in transit, claims should be submitted to the carrier.

Warranty
Products in this catalog are warranted to the final consumer by the manufacturer. Each manufacturer's or product's warranty is specific and unique. Copies of such warranties are either supplied with product, are available from the manufacturer, or can be requested.

Responsibility
It is our policy to represent only top line manufacturers who supply quality merchandise. Nevertheless, some products may occasionally prove to be defective. Our liability is limited to the value of the defective material. We will not allow claims for consequential damages, labor or other expenses.

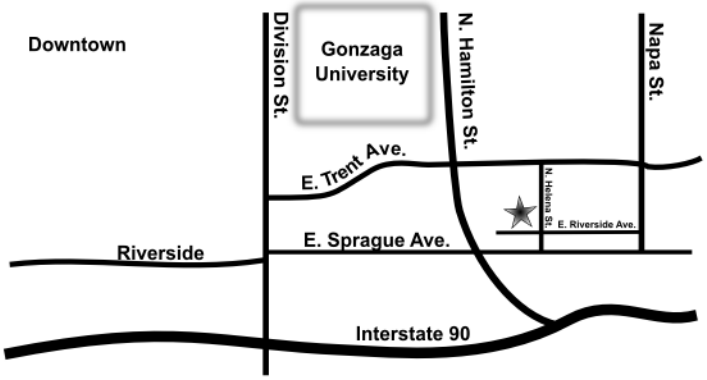
Specifications
Edge has made a diligent effort to illustrate and describe the products in this catalog accurately. However, the product data and specifications are for reference only. Descriptions and specifications are subject to change at any point in time. If you require manufacturer's specifications for a product or for a submittal, contact Edge. Edge is happy to provide manufacturer's specifications for submittals. We assume no responsibility for descriptions and specifications as a result of this reprint.

OVER 60 YEARS OF SERVICE TO CONSTRUCTION AND INDUSTRY!

Branch Locations

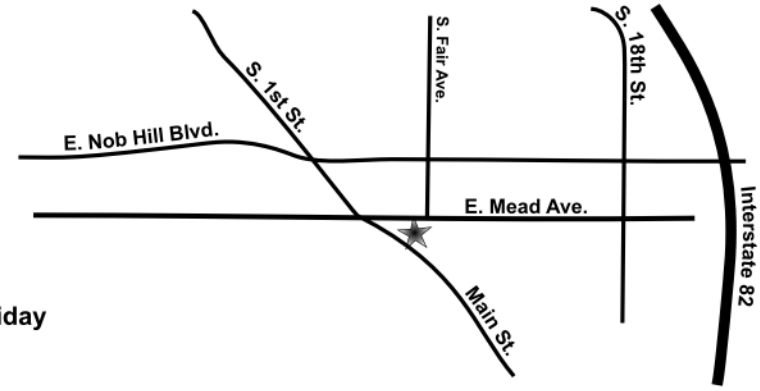
SPOKANE, WA

1503 E. Riverside Ave.
Spokane, WA 99202
Phone: (800) 348-4808 or (509) 535-9841
Fax: (509) 534-3139
Hours: 7:00 AM - 5:00 PM, Monday to Friday



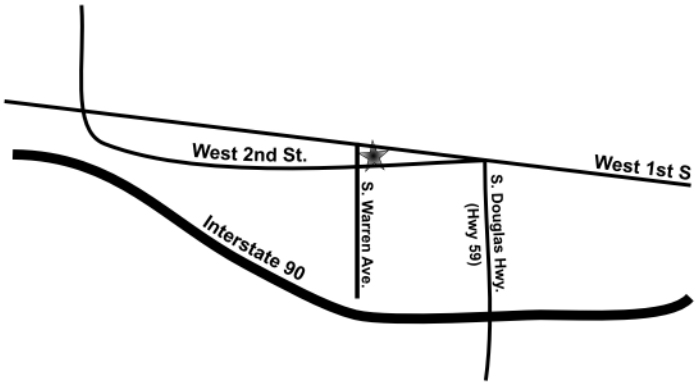
YAKIMA, WA

812 E. Mead Ave.
Yakima, WA 98903
Phone: (800) 243-5582 or (509) 248-1144
Fax: (509) 575-4696
Hours: 7:00 AM - 5:00 PM, Monday to Friday



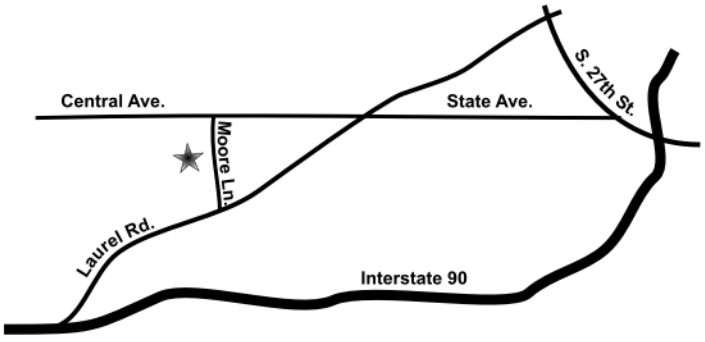
GILLETTE, WY

105 Warren Ave.
Gillette, WY 82716
Phone: (800) 670-6851 or (307) 682-8522
Fax: (307) 682-8576
Hours: 7:30 AM - 5:00 PM, Monday to Friday



BILLINGS, MT

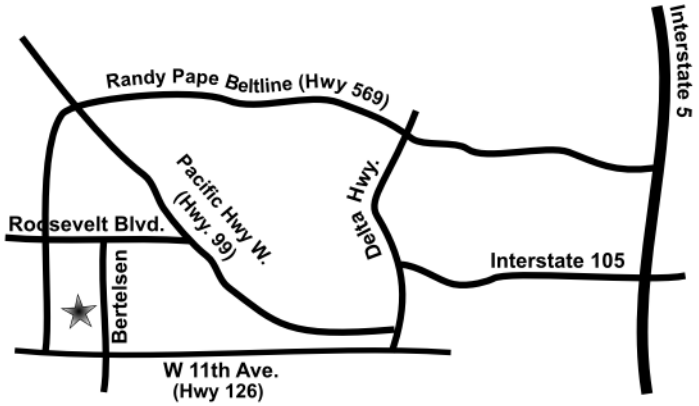
120 Moore Ln.
Billings, MT 59101
Phone: (800) 272-7196 or (406) 248-7196
Fax: (406) 248-7269
Hours: 7:30 AM - 5:00 PM, Monday to Friday



Branch Locations

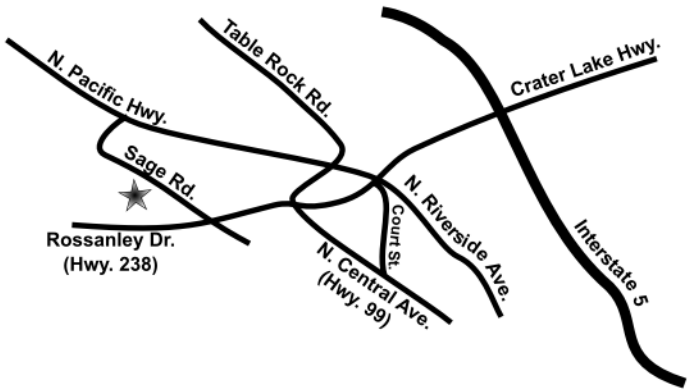
EUGENE, OR

490 S. Bertelsen
Eugene, OR 97402
Phone: (800) 944-0165 or (541) 342-3641
Fax: (541) 343-1753
Hours: 7:00 AM - 5:00 PM, Monday to Friday



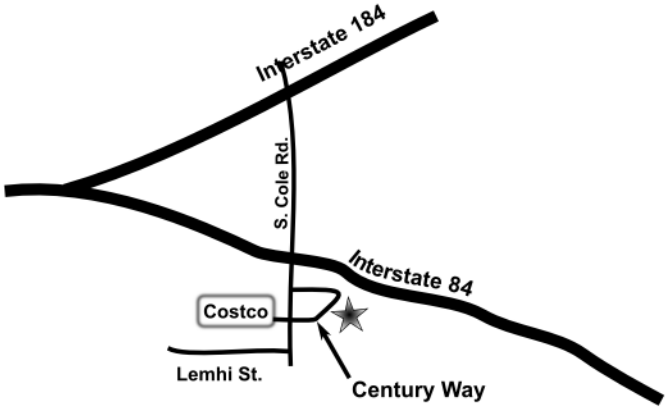
MEDFORD, OR

1789 Sage Rd.
Medford, OR 97501
Phone: (800) 871-3919 or (541) 779-0187
Fax: (541) 773-4599
Hours: 7:00 AM - 5:00 PM, Monday to Friday



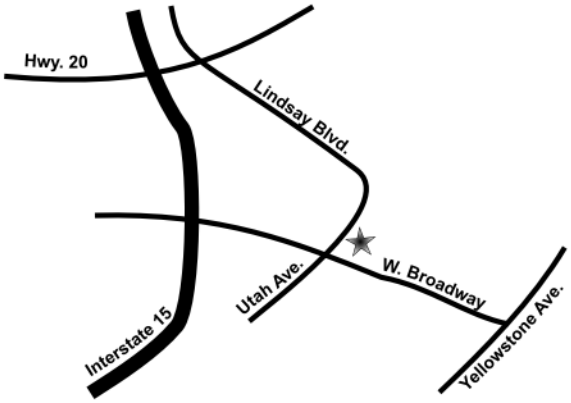
BOISE, ID

2000 Century Way
Boise, ID 83709
Phone: (800) 528-5118 or (208) 377-0158
Fax: (208) 377-0978
Hours: 7:00 AM - 5:00 PM, Monday to Friday



IDAHO FALLS, ID

760 West Broadway
Idaho Falls, ID 83402
Phone: (208) 522-7082
Fax: (208) 529-5456
Hours: 7:00 AM - 5:00 PM, Monday to Friday



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Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

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COME TO THE EDGE FOR ALL YOUR SUPPLY NEEDS

www.edgecs.com

Edge Construction is a proud member of the *Evergreen Supply Network*

We work with the best, so you get the best.

A NETWORK OF SELECT CONSTRUCTION & INDUSTRIAL SUPPLY DISTRIBUTORS & LEADING MANUFACTURERS

We are proud to be members of The Evergreen Supply Network. Evergreen is a group of focused industrial and construction distributors serving the United States and Canada that provides you with

- Leading products
- Competitive prices
- Cutting edge product & application knowledge
- Superior customer service
- Highly trained sales professionals

Founded in 1989, Evergreen is a select partnership of leading distributors and manufacturers located across North America. Today, Evergreen is a fast-growing network of more that 70 distributors with 260 locations and 90 manufacturers.

Together, Evergreen distributors generate annual revenues of more than $1 billion, stock hundreds of millions of dollars of inventory and consistently achieve above average growth. Collectively, Evergreen members have more than 1,300 highly trained sales people able to serve as product and application consultants. Evergreen manufacturers are among the nation's premier-brand industrial manufacturers.

Not every distributor or manufacturer is invited to be part of Evergreen. Rather, Evergreen looks for leaders in each market or product category and then helps them work together to provide industrial buyers and contractors with a higher level of service and support. As a result, Evergreen members work together to satisfy the requirements of contractors and industrial buyers locally, regionally and nationally. If you are looking for the scope and reach of a national organization but with the service and support of an independent locally owned and operated supplier dedicated to the markets they serve, look no further than a member of the Evergreen Supply Network.

Evergreen is focused on providing its distributor members with training programs that are unmatched in the industry. Evergreen leverages the resources of the group to provide several levels of product and application training that are simply not available to other distributors. As a result, when you do business with an Evergreen member, you are working with the industry's best-trained, most knowledgeable professionals. Dealing with seasoned, application-savvy individuals saves you time, increases your productivity and helps you make intelligent product decision.

Evergreen invests more than $1 million each year in training and education for our distributor members. We maintain an 11,000-square-foot training center in the Dallas/Ft. Worth area and conduct 20 or more classes each year, including product & application training and best business practice seminars. Evergreen developed these programs because people in construction and industry prefer to do business with informed and educated professionals.

When you work with a member of the Evergreen Supply Network, you are working with a business that is committed to providing you with

- High-quality, name-brand products
- Exceptional customer service and value-added support
- In-depth product and application knowledge

Evergreen members have invested for the long-run in their people and their ability to serve you by joining the Evergreen Network.

Distributors who are a part of Evergreen offer you more than just tools and supplies. They offer you a relationship with a network of the finest construction and industrial distributors and manufacturers across North America.

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STAFDA

The Specialty Tools and Fasteners Distributors Association (STAFDA) is an educational trade association to encourage legal, ethical, and friendly business relations and to maintain and enhance competition within the industry.

AGC

The Associated General Contractors of America (AGC) was established in 1918 and is the nation's largest and oldest construction trade association. It is an organization of qualified construction contractors and industry related companies dedicated to skill, integrity, and responsibility. The association provides a full range of services satisfying the needs and concerns of its members, thereby improving the quality of construction and protecting the public interest.

ABC

The Associated Builders and Contractors (ABC) was founded in 1950 to create an association based on the shared belief that construction projects should be awarded on merit to the most qualified and responsible low bidders. It is now a national association representing all specialties within the U.S. construction industry and is comprised primarily of firms that perform work in the industrial and commercial sectors of the industry.

NAWIC

The National Association of Women in Construction (NAWIC) originally began as Women in Construction of Fort Worth, Texas. It was founded in 1953 by 16 women working in the construction industry. Knowing that women represented only a small fraction of the construction industry, the founders organized NAWIC to create a support network. Women in Construction of Fort Worth was so successful that it gained its national charter in 1955 and became the National Association of Women in Construction.

Edge Rental Information

Rental Service

From scissor lifts to fastening, baker scaffolding to span planks, and breaking concrete to woodworking, our rental department really does "**rent what we sell**." We also help you identify what tools work best for your specific job in your unique environment.

Rental Policies

- **Rate Structure**

  1day = 8 hours
  1 week = 5 days
  1 month = 4 weeks

- **Billing** occurs either every 28 days or upon return of equipment

- **Delivery** charges vary based on type of equipment, length of rental, and travel distance

Some Reasons our Customers Rent

- Conservation of **Capital**: Renting frees capital for a contractor or company. Capital can potentially be used for more profitable business.

- Warehousing & **Maintenance**: Rental equipment does not require long-term warehouse space or maintenance. Renting allows contractors to operate with less overhead.

- Correct **Equipment** for the job: Ownership of equipment can cause inefficiency by using the wrong type or size of equipment for any given job. Renting ensures the right equipment for the job. Additionally, customers don't have obsolete equipment in their inventory if they rent.

- **Cost** Control: It is easier to control cost when you rent equipment. Knowing the true cost of owned equipment is difficult. Rented equipment offers one accountable cost figure that is shown on the rental invoice.

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Common Types of Rental Equipment

-- Call for Specific Brands, Sizes, and Availability --

Bending Equipment

Pulling Equipment

Threading Equipment

Grooving Equipment

Lifting and Hauling

Chain Hoists

Hilman Rollers

Core Drills

Concrete Cutting

Compactors

Rotary Hammers

Powder and Gas Tools

Pump Jacks

Utility Scaffold

Planks

Scissor Lifts

Don’t see what you are looking for? Then give us a call.

-- Call for Specific Brands, Sizes, and Availability --

Pneumatic Tools

Compressors

Generators

Power Distribution

Heaters

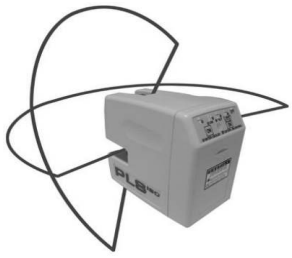
Hydraulic Rams/Pumps

Air Tools and Breakers

Blowers and Fans

Confined Space Equip.

Gas Monitors



Lasers

Power Tools

Ladders

Mag Drills

Tow Behind Compressors

Trash Pumps

Don’t see what you are looking for? Then give us a call.

Repair and Services Information

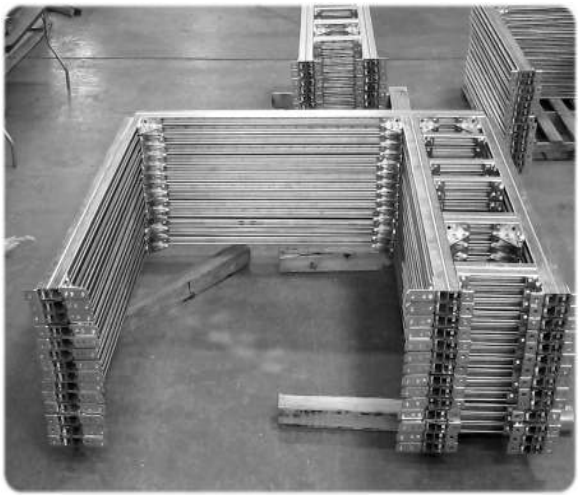
Repair and Service

Our technicians service virtually all makes of equipment. We accomplish quick turnaround and efficient tracking of our customer's tool repairs from start to finish. We repair, stock, and service parts from our extensive tool and equipment inventory. We are a factory warranty station for most vendors below.

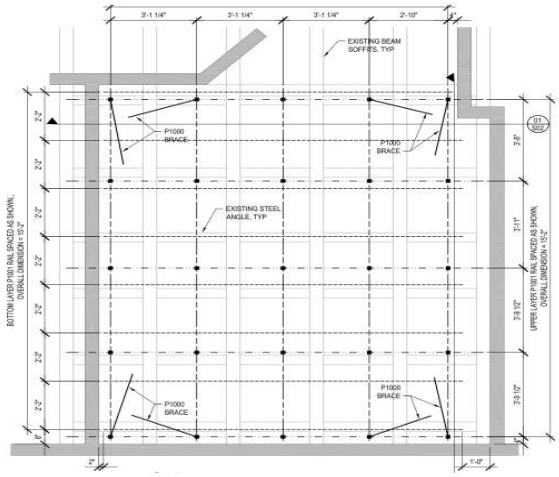
AIRMAN COMPRESSORS	GREENLEE FAIRMONT	PASLODE
ATLAS COPCO	GUARDIAN	PLS LASERS
BIO-SYSTEMS	HITACHI	PNEUTEK
BLACK & DECKER	HOMELITE GENERATORS	PIONJAR GAS DRILLS
BOMAG	HOUGEN	PORTER CABLE
BOSCH	HUSQVARNA	POWERS/RAWL
BURNDY	INGERSOLL RAND	RAMSET
CEP ELECTRICAL	ITW BUILDEX	REED
CHICAGO PNEUMATIC	JENNY COMPRESSORS	RIDGID
CM HOIST	JET	ROLAIR
COLEMAN CABLE	KETT	ROTHENBERGER
CST BERGER	LUG-ALL	SUMNER
CURRENT	LUMIDOR	SHOP VAC
DBI/SALA	M.K. MORSE	SIMPLEX HYDRAULICS
DEWALT	MAKITA	SKIL
DIAMOND PRODUCTS	MARSON	SKYCLIMBER
DIMAS	MASTER HEATERS	SIMPSON QUICKDRIVE
DUOFAST	MBW	SIOUX
EDCO	METABO	STOW
EMGLO	MILLER FALL PROTECTION	TARGET
ENERPAC	MILWAUKEE TOOL	UPRIGHT
FEIN	MOTOROLA RADIO	UNIVERSAL HEATERS
GARDNER BENDER	MULTIQUIP	WEKA/CORE DRILLS
GENIE	NITTO-KOHKI	WHEELER REX
GOLO	OZTEC	WOBBLE LIGHT
GREENLEE	PARTNER	YAMAHA GENERATORS

Highlights of Edge's Capabilities

- **The ability to custom-design solutions to meet your unique specification needs**
- **Over 25 years experience**
- **Available to install or provide engineering assistance for your project**
- **CAD drawings and engineering structural analysis**
- **A variety of services including job takeoffs, custom quotes, and pre-assembled frames**
- **Various materials: cold-rolled steel, stainless steel, aluminum, and fiberglass**
- **MEDICAL EQUIPMENT MOUNTS (See next page)**
- **Several finishes: green, pre-galvanized, hot-dip galvanized, plain, and powder coated**
- **Ask about 3-D CAD modeling and MEP coordination**
- **A variety of custom solutions available to attach to difficult and sloped structures**
- **We will cut and/or assemble strut frames to your specifications**
- **Ask about LEED points**
- **Ask about 100% US-made products**
- **Call for a quote today**



Pre-assembled Unistrut frames



CAD layout detail specifically for each project's structure

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Medical Equipment Mounts

- X-ray equipment support systems
- Flexible patient lift support
- Rigid surgical boom supports
- Universal grids available for future expansion
- Variety of options for surgical light supports
- Adjustable telespar drops available
- Designs can include seismic requirements based on local jurisdiction

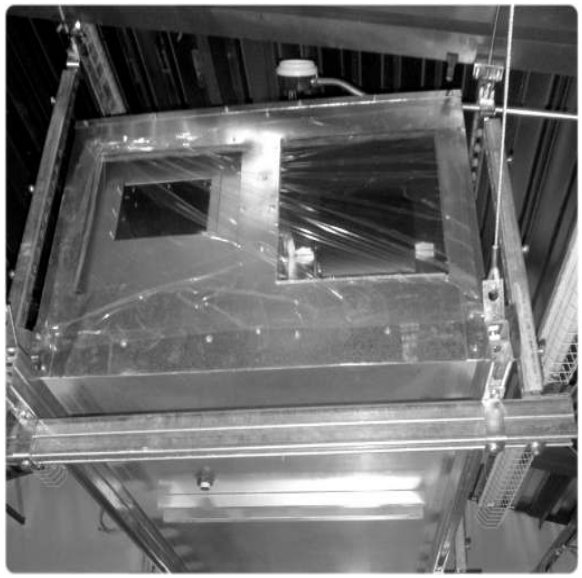
Laboratory Supports and Shelving

- Laboratory shelving, overhead supports, island shelving, . . .
- Providing custom powder coated Unistrut for laboratory applications
- Providing custom sheet metal parts to match Unistrut
- Ask about overhead supports and equipment suspended from ceiling structures for lab use
- Uses include high schools, colleges, biomed, medical, . . .

Architectural Grids

- **Foyers, hallways, lobbies, lecture halls, art rooms, waiting areas, convention centers, . . .**
- **Custom colors and finishes available**
- **Can double as structural support for conduit, acoustic panels, plumbing, cable trays, . . .**
- **Can attach to virtually any overhead structure including a sloped structure**
- **Can design grid with slope and different elevations**

Overhead Support Grid



- **Used to festoon tools, hang art, hang department store signage, for school shop equipment, assembly cells, electrical data services, . . .**
- **Unistrut frames can be used on roof tops as wind blocks and to hide equipment**
- **Seismic bracing also available**

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Walkways and Platforms

- Rooftop non-skid, grated walkways
- Overhead, suspended catwalks
- Work platforms surrounding rooftop equipment
- Custom guardrails using Unistrut framing

Other Applications and Engineered Systems

- Call today to speak to an expert about your application and see how Edge can solve your problem
- Engineered Permanent Fall Protection Systems
    - Rooftop fall protection lines and anchors
    - Ladder fall protection systems
    - Industrial applications
- Aluminum Railings
    - Flexible designs with ability to modify existing designs
    - Finishes: Mill, anodized, or powder coated
    - Highly corrosive-resistant
    - No welding required
- Solar Panel Framing
    - Call for engineering or material quotes

Never Out of Stock (NOS) Box

Edge On-site Inventory Program Options

Right products for the right job

- Ask about options for having an on-site warehouse to fulfill your job or manufacturing material needs.
- Edge can work with you to provide materials, consumables, tools, and other items available for your project both when you need it and where you need it. You don't have to spend valuable time traveling to your local Edge store when it's conveniently located in your facility or project. This can be especially valuable for remote job-sites and hard-to-access locations.
- Different than a keep-fill system, Edge's NOS Box program is typically jointly managed between the customer and a sales representative. This has two benefits: to keep the costs reasonable and to make sure you have the right products during the right phases of your project.

Customization for your company

- **Size of Box/Container**: Box sizes can vary from a small jobsite box to a large conex. Edge can even place one box per floor if the job is large enough to warrant it.
- **Inventory** Type & Amount: We work with you to get it right. Ask about recommending trade specific products for mechanical, plumbing, electrical, and other work. Typical items include Unistrut fittings, fasteners, anchors, spring clips, abrasives, carbide bits, saw blades, safety items, . . .
- **Billing**: Negotiated whether the inventory is purchased up-front or consigned. Invoicing will occur either every time new product is added or monthly.
- **Management**: Typically the customer will designate one responsible person for keeping control of the inventory. This person would have a key to the lock and be readily available to open or close the box.

Flexibility toward your needs

- Flexibility is key with the NOS Box program. While many customers utilize a clam-shell style box with common consumable items, you might well have different needs. Edge is always open to discussing your needs and providing a solution that works for your specific requirements.

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Power Tools & Accessories

DEWALT

18V Hammerdrill/Drill/Driver

1/2" Li-Ion

Dewalt

- DeWalt® 18V XRP Li-Ion Batteries offer long battery life & durability
- Patented 3-speed all-metal transmission
- LED worklight provides increased visibility in confined spaces

Includes: Drill, (2) XRP Li-Ion batteries

- 450 unit watts of power
- Max RPM: 1200

Item #
DTDCD970KL

18V Cordless Drill/Driver Kit

1/2"

DeWalt

Specifications:

- Voltage: 18 V
- 450 unit watts of power
- Max RPM: 0-500/0-1,200/0-2,000
- Clutch Settings: 22
- Chuck Size: 1/2"
- Includes: 1 hour charger, (2) 18V XRP™ batteries, 360º side handle kit box

Item #
DTDCD940KX

18V Cordless Hammerdrill/Drill/Driver Kit

1/2"

DeWalt

- Voltage: 18 V
- 450 unit watts of power
- Max RPM: 0-500/0-1,200/0-2,000
- Max BPM: 0-8,500/0-21,250/0-34,000
- Includes: drill, (2) XRP Nicad batteries, case

Item #
DTDCD950KX

18V Cordless

1/2" Compact Drill

DeWalt

- Compact size: Allows users to fit into tight spaces
- Lightweight design (4.8 lbs.) minimizes user fatigue
- 1/2" single sleeve ratcheting chuck reduces bit slippage
- Dual speed range 0-500/0-1,700 rpm delivers optimal performance
- High performance frameless motor delivers maximum power of 410 unit watts out
- LED work light provides increased visibility in confined spaces
- Voltage: 18 V
- Max Power: 410 UWO
- # of Speed Settings: 2
- Max RPM: 1,700
- Clutch Settings: 17; Chuck Size: 1/2 "
- Chuck Type: plastic, single sleeve
- Includes: 1 hour charger, (2) 18V batteries, screwdriver bit, heavy-duty kit box

Item #
DTDC720KA

18V Cordless XRP Li-Ion Drill/Driver Kit

1/2"

- XRP™ Li-Ion extended run-time batteries provide superior ergonomics, long run-time & battery life
- Patented 3-speed all-metal transmission matches the tool to task for fastest application speed and improved run time
- Heavy-Duty 1/2" metal ratcheting chuck helps prevent bits from slipping and falling out
- LED Worklight provides increased visibility in confined spaces
- High power, high efficiency motor delivers 450 unit watts out of max power for superior performance in all drilling and fastening applications
- Best in class length improved balance and better control
- Includes: 1 hour charger, (2) 18V XRP™ Li-Ion batteries, 360° side handle, kit box

Item #	Max Power	Max RPM	Clutch Settings	Tool Wt. (lbs.)
DTDCD960KL	450UWO	0-500/0-1250/ 0-2000	22	5.25

18V Compact Drill/Driver Kit

1/2" Li-Ion

Dewalt

- Dual speed range 0-500/0-1700 rpm
- Lightweight design (4.0 lbs); LED worklight
- Includes: Drill, (2) 18v Li-Ion batteries, Charger, handle, case

Item #
DTDCD760KL

DEWALT

18V Cordless Drywall/Deck Screwdriver Kit

DeWalt

- Dual speed ranges (0-900/0-2,900 rpm); high speed for drywall, low speed for decking
- Depth-sensitive, "set and forget" nose-piece for consistent fastener depth

Specifications:

- Capacity (CRS): 12 ga.
- Drive Size: 1/4" Hex in.
- Includes: Screwgun, 1 hour charger, (2) 18V XRP™ batteries, bit tip magnetic holder, drywall nosepiece, TEKS® nosepiece, kit box

Item #

DTDC520KA

18V Cordless Framing Screwdriver Kit

DeWalt

- Versa-Clutch® torque adjustment system "dials in" the proper torque needed to efficiently drive fasteners without stripping or breaking fastener

Specifications:

- No Load Speed: 0-900/0-2,700 rpm
- Capacity (CRS): 12-28 ga.
- Drive Size: 1/4" Hex in.
- Includes: 1 hour charger, (2) 18V XRP™ batteries, #2 Phillips screwdriver bit, 5/16" nut runner, kit box

Item #

DTDC668KA

18V Cordless Impact Wrench Kit

1/2”

- 300 ft-lbs of maximum torque
- 1,650 rpm/2,600 ipm
- Preferred rocker switch design for fast and easy forward and reverse
- Durable magnesium gear case and all-metal transmission for extended durability
- Includes: Impact wrench, (2) 18v Nicad batteries, charger, case

Item #

DTDW059K-2

18V Cordless Impact Wrench Kit

1/2"

DeWalt

- No Load Speed: 0-2,400 rpm
- Impacts/Min: 0-2,700 bpm
- Compact size & weight allow access into tighter areas and reduces user fatigue
- Durable magnesium gear case and all metal transmission
- Heavy-duty impacting mechanism directs torque
- Drive Size: 1/2" square with detent pin retention in
- Includes: Impact, 1 hour charger, (2) 18V XRP™ batteries, heavy-duty kit box

Item #

DTDC820KA

18V Impact Driver Kit

1/4"

DeWalt

- Drive Size: 1/4" hex shank quick release in
- No Load Speed: 0-2,400 rpm
- Impacts/Min: 0-2,700 bpm
- Includes: 1 hour charger, (2) 18V XRP™ batteries, heavy-duty kit box

Item #

DTDC825KA

18V Cordless 1/4" Impact Driver Kit

1/4” Li-Ion

DeWalt

- 0-2,400 rpm/0-2,700 ipm
- Heavy-duty impacting mechanism directs torque to fastener without kickback
- DeWalt® exclusive NANO™-phosphate lithium ion cells offer long battery life & durability
- Drive Size: 1/4" hex shank quick release in
- Includes: Impact, 1 hour charger, (2) 18V batteries with Nano™ technology, heavy-duty kit box

Item #

DTDC827KL

Power Tools & Accessories

DEWALT

18V Cordless Right Angle Grinder

3/8”

DeWalt

- 2 speed ranges 0-500/0-1,500 rpm for increased user flexibility providing a wide range of applications
- Multi-grip trigger
- Variable speed and reversing

Specifications:

- Chuck Size: 3/8”; RPM: 0-500/0-1,500
- Includes: Drill, 1 hour charger, (2) 18V batteries, kit box

Item #
DTDW960K-2

18V Cordless SDS Rotary Hammer Kit

1”

DeWalt

- Shocks™ - Active Vibration Control reduces vibration up to 70%, increasing user comfort and productivity
- Compact L-shape design allows access in tight spaces, while providing optimal balance for the user

Specifications:

- Concrete Optimum: 5/32"-1/2”
- No Load Speed: 0-1,100 rpm; Beats/Min: 0-4,100 bpm
- 1.7 ft/lb impact energy
- Includes: Rotohammer, 1 hour charger, (2) 18V XRP™ batteries, 360° side handle, depth rod, kit box

Item #
DTDC212KA

18V Cordless SDS Rotary Hammer Kit

7/8”, Li-Ion

- Shocks™- Active Vibration Control significantly reduces vibration and increases user comfort and productivity
- Compact L-shape design
- Variable speed, reversing switch delivers versatility in all applications
- Factory-set clutch reduces sudden, high torque reactions if bit jams
- 360° side handle for better control and ease of use in tight spaces
- 1.7 ft/lb impact energy
- Includes: Rotohammer, (2) 18v Li-Ion batteries, charger, handle, case

Item #
DTDC212KL

18V Cordless Reciprocating Saw Kit

1-1/8” Stroke

DeWalt

- 1-1/8" stroke length for faster cutting speed
- 0-3,000 spm for faster cutting speed
- 4-position blade clamp
- Keyless lever-action blade clamp

Specifications:

- Strokes/Min: 0,3000 spm
- Includes: Saw, 1 hour charger, 18V XRP™ battery, kit box

Item #
DTDC385K

18V Cordless Speed Jig Saw Kit

w/Keyless Blade Change

DeWalt

- Keyless lever-action blade clamp for quick and easy blade changes
- 4 position orbital action provides control of aggressiveness of cut and speed

Specifications:

- Strokes/Min: 0-3,000 spm
- Stroke Length: 1”
- Dust Blower: Yes
- Includes: Jigsaw, 1 hour charger, 18V XRP™ battery, jig saw blades, kit box

Item #
DTDC330K

18V Cordless Pencil Vibrator Kit

DeWalt

- 1-1/8" diameter vibrator delivers maximum consolidation power
- 4 foot long flexible shaft for easy use and long reach

Specifications:

- Vibrator Size: 1-1/8"
- Vibrations Per Minute: 14,000 VPM
- Includes: Vibrator, 1 hour charger, (2) 18V XRP™ batteries, soft-side bag for batteries and charger

Item #
DTDC530KA

DEWALT

18V Swivel Head Shear Kit

18 Gauge

DeWalt

- Head swivels 360°
- Cuts 7/32" strip which continuously curls out of the cutting area

Specifications:

- Strokes/Min: 0-2,300 spm
- Minimum Cutting Radius: 5.5”
- Capacity In Steel: 18-28 ga.
- Includes: Shear, 1 hour charger, (2) 18V XRP™ batteries, blade wrench, kit box

Item #
DTDC490KA

18V Cordless Adhesive Dispenser

- 360º rotateable cartridge holder fits
- Tool delivers up to 650 pounds pushing force
- Auto-reverse feature helps reduce drips, waste, and clean-up
- Set-and-Forget variable speed control for consistent flow rates and bead control

Specifications:

- Max Speed: 25 in/min
- Includes: Gun, 18V battery, 1 hour charger

Item #	Cap.
DTDC545K	10 oz, 1/10 gal, & 300 ml-310 ml cartridges
DTDC546K	29 oz, & quart size cartridges

18V Cordless Adhesive Dispenser

DeWalt

- 360º rotateable cartridge holder fits 300 ml and 600 ml sausage pak
- Tool delivers up to 650 pounds pushing force
- Auto-reverse feature helps reduce drips, waste, and clean-up
- Set-and-Forget variable speed control for consistent flow rates and bead control

Specifications:

- Max Speed: 25 in/min
- Includes: Gun, 18V battery, 1 hour charger

Item #
DTDC547K

18V Cordless 6-Tool Combo Kit

XRP™

- DCD950 18V XRP™ cordless hammerdrill
- DC390 18V circular saw with 6-1/2" carbide blade
- DC385 18V cordless reciprocating saw with keyless blade clamp
- DC825 18V impact driver with 1,330 in-lbs of maximum torque
- DC411 18V cut-off tool with 6,500 rpm
- DW919 18V flexible floodlight
- 450 unit watts of power
- Includes: (2) 18V XRP™ batteries, 1 hour charger, 360° side handle, carbide tipped blade, type 1 guard and wheel, wrench, backing flange, 2-position side handle, contractor bag

Item #
DTDCK655X

18V Cordless 6-Tool Combo Kit

XRP™ Li-Ion

Kit Contains:

- DCD970 18V XRP™ cordless hammerdrill
- DC827 18V impact driver delivers 1,330 in-lbs of torque and 0-2,400 rpm
- DC385 18V reciprocating saw with 4-position keyless blade clamp
- DC411 18V cut-off tool with 6,500 rpm
- DW059 18V 1/2" high torque impact wrench with 300 ft-lbs of maximum torque
- DW919 18V flexible floodlight
- 450 unit watts of power
- Includes: (2) 18v XRP batteries, charger, handle, carbide tipped blade, bag

Item #
DTDCK675L

18V Cordless 4-Tool Combo Kit

XRP™

Kit Contains:

- DCD950 18V XRP™ cordless hammerdril
- DC390 18V circular saw with 6-1/2" carbide blade
- DC385 18V cordless reciprocating saw with keyless blade clamp
- DW919 18V flexible floodlight
- 450 unit watts of power
- Includes: (2) 18v XRP batteries, charger, carbide tipped blade, case

Item #
DTDCK450X

DEWALT

18V Cordless 4 Tool Combo Kit

XRP™

Kit Contains:

- DCD950 18V XRP™ cordless hammerdrill
- DC825 18V Impact Driver delivers 1,330 in-lbs of torque and 0-2,400 rpm
- DC385 18V reciprocating saw with 4-position keyless blade clamp
- DW919 18V flexible floodlight
- 450 unit watts of power
- Includes: (2) 18v Nicad batteries, charger, bag

Item #
DTDCK455X

18V 4 Tool Combo Kit

XRP™ Li-Ion

Kit Contains:

- DCD970 18V XRP™ cordless hammerdrill
- DC827 18V impact driver delivers 1,330 in-lbs of torque and 0-2,400 rpm
- DC385 18V reciprocating saw with 4-position keyless blade clamp
- DW919 18V flexible floodlight
- 450 unit watts of power
- Includes: (2) 18v Li-Ion batteries, charger, bag

Item #
DTDCK475L

18V Hammerdrill/Reciprocating Saw Combo Kit

XRP™

Kit Contains:

- DCD950 18V XRP™ cordless hammerdril
- DC385 18V cordless reciprocating saw with keyless blade clamp
- 450 unit watts of power
- Includes: (2) 18v XRP Nicad batteries, charger, bag

Item #
DTDCK251X

18V Hammerdrill/Impact Driver Combo Kit

XRP™ Li-Ion

Kit Contains:

- DCD970 18V XRP™ cordless hammerdrill
- DC827 18V impact driver delivers 1,330 in-lbs of torque and 0-2,400 rpm
- 450 unit watts of power
- Includes: (2) 18v Nicad batteries, charger, bag

Item #
DTDCK275L

18V Cordless Hammerdrill/Impact Driver Combo Kit

XRP™

Kit Contains:

- DCD950 18V XRP™ cordless hammerdrill
- DC825 18V impact driver delivers 1,330 in-lbs of torque and 0-2,400 rpm
- 450 unit watts of power
- Includes: (2) 18v Nicad batteries, charger, bag

Item #
DTDCK255X

18V Cordless

Flexible Floodlights

DeWalt

- Wide-angle beam is brighter than traditional flashlights
- Flexible neck allows for hands-free operation and light to be projected in any direction whether it is standing on its base, wrapped around a pipe, or hanging from rafters overhead

Specifications:

- Bulb: Xenon
- Brightness: 325 Lumens
- Bulb Life: 110 hrs.
- Run-Time: 3 hrs.

Item #
DTDW919

18V Battery Pack - Li-Ion

DeWalt

- Compatible with DeWalt® 18 Volt tools
- DeWalt® exclusive Nano™-phosphate lithium ion cells offer long battery life & durability: 2,000 recharges
- Compatible with Entire line of DeWalt® 18 Volt tools

Item #
DTDC9180

DEWALT

18 Volt Compact Battery Pack

DeWalt

- High capacity XRP™ battery has 40% more run-time than standard batteries
- Powers entire DeWalt® line of 18V tools allowing users to run multiple tools off of the same battery pack

Specifications:

- Compatible with: Entire line of DeWalt® 18 Volt tools

Item #
DTDC9096

1 Hour Battery Charger

7.2V-18V NiCd/NiMH/Li-Ion

DeWalt

- Charges all DeWalt® 7.2V - 18V NiCd/NiMH/Li-Ion batteries (except Univolt batteries)
- Charges the battery in 1 hour
- The DeWalt® 3-stage charging system provides maximum run-time and extends overall life of the battery
- Voltage: 7.2V-18 V

Item #
DTDC9310

1 Hour Vehicle Charger

7.2V-18V, NiCd/NiMH/Li-Ion

DeWalt

- Charges 7.2V-18V NiCd/NiMH/Li-Ion DeWalt® batteries (except Univolt®) from a vehicle's power outlet
- Charges in 1 hour or less
- Automatic shut-off protects excessive discharge of vehicle's battery

Item #
DTDC9319

1 Hour Dual Port Battery Charger

7.2V-18V NiCd/NiMH/Li-Ion

DeWalt

- Charges (2) DeWalt® 7.2V - 18V NiCd/NiMH/Li-Ion batteries (except Univolt batteries)
- Charges the battery in 1 hour or less thus minimizing downtime
- The DeWalt® 3-stage charging system provides maximum run-time and extends overall life of the battery

Item #
DTDC9320

Cordless Wet/Dry Portable Vacuum

12V-18V

DeWalt

Specifications:

- Tank Size: 2 gal.
- Hose diameter: 1-1/4”
- Hose length: 5’
- Voltage (DC Operation): 12-18V
- Blower
- Includes 5’ heavy-duty rubber hose, crevice tool and wide nozzle

Item #
DTDC500

Wet & Dry Vacuum

Portable

DeWalt

Specifications:

- Tank Size: 1/2 gal.
- Hose diameter: 1-1/4”
- Hose length: 2.5’
- Voltage (DC Operation): 18V
- Includes: (1) 18V Nicad battery

Item #
DTDC515K

Worksite Charger/Radio

- 1 hour charger for 7.2V to 18V DeWalt battery packs (except Univolt®)
- Runs off of 7.2V to 18V DeWalt batteries making it a cordless radio
- The DeWalt 3 - stage charging system provides maximum run-time and extends overall life of the battery
- Power outlets offer more versatility for jobsite power
- AM/FM Digital Tuner with LCD display, built-in clock, and 15 station memory presets
- High efficiency weather resistant speakers with dual bass ports for maximum bass and range
- Auxiliary port allows connection to CD Players, MP3 Players, and portable satellite receivers
- Dual pivoting 11" flexible antenna provides more durability and better reception

Item #
DTDC012

20V MAX* Lithium Ion Compact Drill/Driver Kit (1.5 Ah)

- Compact, lightweight design fits into tight areas
- High speed transmission delivers 2 speeds (0-600 & 0-2,000 rpm) for a range of fastening and drilling applications
- Ergonomic handle delivers comfort and control
- Heavy-duty 1/2" ratcheting chuck provides superior bit gripping strength
- 3 Year Limited Warranty
- Includes: 1/2” Drill Driver, (2) 20V MAX* Lithium Ion Battery Packs, 30 Minute Fast Charger, Belt Hook, On-Board Bit Holder, Kitbox

Item #	Max Power	Max RPM	Clutch Settings	Tool Wt. (lbs.)	Tool Length (in.)
DTDCD780C2	350UWO	2000	15	3.4	7.5

20V MAX* Lithium Ion 1/4” Impact Driver Kit (1.5 Ah)

- Compact (5.55" front to back), lightweight (2.8 lbs) design fits into tight areas
- Three (3) LED lights with 20 second delay after trigger release, provide visibility without shadows
- One-handed loading 1/4" hex chuck accepts 1" bit tips
- Belt hook included for portability
- Includes: 1/4” Impact Driver, (2) 20V MAX* Lithium Ion 1.5 Ah Battery Packs, 30 Minute Fast Charger, Belt Hook, Kitbox

Item #	Voltage	No Load Speed RPM	Impacts/Min	Max Torque (in/lbs)	Max Torque (ft./lbs.)	Tool Wt. (lbs.)	Tool Length (in.)
DTDCF885C2	20V MAX*	2800	3200	1400	117	2.8	5.55

20V MAX* Lithium Ion Premium 3-Speed Hammerdrill Kit (3.0 Ah)

- DeWalt® 20V Max* Lithium Ion batteries offer longer tool runtime & enhanced durability
- 3-speed all-metal transmission matches the tool to task for fastest application speed and improved run time
- Heavy-duty 1/2" metal ratcheting chuck with carbide inserts provides superior bit gripping strength
- LED light with 20 second delay after trigger release
- High power, high efficiency motor delivers 535 unit watts out of max power for superior performance in all drilling and fastening applications
- Includes: 1 Hour Charger, (2) 20V MAX* Lithium Ion Batteries, 360° Side Handle, Kit Box

Item #	Max Power	# Of Speed Settings	Max RPM	Max BPM	Clutch Settings	Tool Wt. (lbs.)
DTDCD985L2	535UWO	3	0-575/0-1350/0-2000	0-9775/0-22950/0-34000	22	5.2

20V MAX* Lithium Ion Premium 3-Speed Drill/Driver Kit (3.0 Ah)

- DeWalt® 20V MAX* Lithium Ion batteries offer longer tool runtime & enhanced durability
- 3-speed all-metal transmission matches the tool to task for fastest application speed and improved run time
- Heavy-duty 1/2" metal ratcheting chuck with carbide inserts provides superior bit gripping strength
- High power, high efficiency motor delivers 535 unit watts out of max power for superior performance in all drilling and fastening applications
- Includes: 1 Hour Charger, (2) 20V MAX* Lithium Ion Batteries, 360° Side Handle, Kit Box

Item #	Max Power	# Of Speed Settings	Max RPM	Clutch Settings	Tool Wt. (lbs.)	No Load Speed	Tool Length (in.)
DTDCD980L2	535UWO	3	0-575/0-1350/0-2000	22	5.2	RPM	9⅜

DEWALT

20V MAX* Lithium Ion 4-Tool Combo Kit (3.0 Ah)

- DCD985 20V MAX* hammerdrill with patented 3-speed all-metal transmission & 1/2" all metal ratcheting chuck delivers 535 units watts out of maximum performance, faster application speed, & superior bit retention
- DCS381 20V MAX* reciprocating saw with keyless blade clamp allows for quick blade change without touching blade or reciprocating shaft
- DCF885 20V MAX* 1/4" impact driver features 3 LED lights with 20 second delay to provide visibility without shadows
- DCL040 20V MAX* LED work light has 110 lumens of light output
- Includes: 1/2" Hammerdrill, Reciprocating Saw, 1/4" Impact Driver, LED Work Light, (2) 20V MAX* Lithium Ion 3.0 Ah Battery Packs, Fast Charger, 360° Side Handle, Belt Hook, Contractor Bag

Item #	Shipping Weight (lbs.)
DTDCK490L2	20.9

20V MAX* Lithium Ion 1/4" Impact Driver Kit (3.0 Ah)

- Compact (5.55" front to back), lightweight (3.4 lbs) design fits into tight areas; belt hook included for portability
- Three (3) LED lights with 20 second delay after trigger release, provide visibility without shadows
- One-handed loading 1/4" hex chuck accepts 1" bit tips
- No Load Speed: 2800 RPM; Impacts/Min.: 3200
- Includes: 1/4" Impact Driver, (2) 20V MAX* Lithium Ion 3.0 Ah Battery Packs, Fast Charger, Belt Hook, Kitbox

Item #	Max Torque (in/lbs)	Max Torque (ft./lbs.)	Tool Wt. (lbs.)	Tool Lgth. (in.)
DTDCF885L2	1400	117	3.4	5.55

20V MAX* Lithium Ion 5-Tool Combo Kit (3.0 Ah)

- DCD985 20V MAX* hammerdrill with patented 3-speed all-metal transmission & 1/2" all metal ratcheting chuck delivers 535 units watts out of maximum performance, faster application speed, & superior bit retention
- DCS381 20V MAX* reciprocating saw with keyless blade clamp allows for quick blade change without touching blade or reciprocating shaft
- DCF885 20V MAX* 1/4" impact driver features 3 LED lights with 20 second delay to provide visibility without shadows
- DCS393 20V MAX* circular saw with 6-1/2" carbide blade can cut 2x4's at a 45° angle in a single pass
- DCL040 20V MAX* LED work light has 110 lumens of light output
- Includes: 1/2" Hammerdrill, Reciprocating Saw, 1/4" Impact Driver, 6-1/2" Circular Saw, LED Work Light, (2) 20V MAX* Lithium Ion 3.0 Ah Battery Packs, Fast Charger, 360° Side Handle, Belt Hook, Carbide Tipped Blade, Contractor Bag

Item #	Shipping Weight (lbs.)
DTDCK590L2	29.9

20V MAX* Lithium Ion Reciprocating Saw Kit (3.0 Ah)

- 4-Position Blade Clamp allows for flush cutting and increased positional versatility with tool free blade changes
- 1-1/8" stroke length delivers a fast cutting speed
- Variable speed trigger with 0-3000 spm provides increased blade control and faster cut speeds; pivoting adjustable shoe extends blade life and allows depth of cut control
- Rubber over molded comfort grip delivers optimal comfort and control; double oil sealed shaft resists contamination and increases durability
- Includes: Reciprocating Saw, (1) 20V MAX* Lithium Ion 3.0 Ah Battery Pack, Fast Charger, Kitbox

Item #	Stroke Length (in.)	Tool Wt. (lbs.)
DTDCS380L1	1⅛	7.35

20V MAX* Lithium Ion 6-1/2" Circular Saw Kit (3.0 Ah)

- Powerful 460 MWO, 3700 rpm motor delivers power and speed to make the most demanding cuts with ease
- High strength and lightweight magnesium shoe provides jobsite durability for long-term cut accuracy; optimized rubber overmolded comfort grip delivers optimal balance and control
- 0°-50° bevel capacity allows for aggressive bevel cuts for a multitude of applications; 6-1/2" carbide tipped blade for cutting 2x material at 90° and 45° and more cuts per charge
- 20V MAX* Lithium Ion 3.0 AH battery
- Includes: 6-1/2" Circular Saw, (1) 20V MAX* Lithium Ion 3.0 Ah Battery Pack, Fast Charger, 6-1/2" Carbide-tipped Blade, Kit Box

Item #	No Load Speed RPM	Arbor Size (in.)	Depth of Cut at 45º (in.)	Depth of Cut at 90º (in.)	Tool Wt. (lbs.)
DTDCS391L1	3700	⅝	1⅝	2¼	8.0

20V MAX* Lithium Ion 3 Mode SDS Rotary Hammer Kit (3.0 Ah)

- Shocks™- Active Vibration Control significantly reduces vibration and increases user comfort and productivity
- 1.7 ft-lbs impact energy provides corded power without the cord; 360° side handle for better control and ease of use in tight spaces
- LED worklight provides increased visibility in confined spaces; compact L-shape design allows access in tight spaces while providing optimal balance
- Variable speed, reversing switch delivers versatility in all applications; factory-set clutch reduces sudden, high torque reactions if bit jams
- No Load Speed: 0-1100 RPM; Vibration Measurement: 8.0 m/s2
- 20V MAX* Lithium Ion 3.0 AH battery
- Includes: 1 Hour Charger, (2) 18V Li-Ion batteries, 360° Side Handle, Depth Rod, Kit Box

Item #	Concrete Optimum	Beats/Min. (BPM)	Tool Length (in.)	Tool Wt. (lbs.)
DTDCH213L2	5⁄32 - ½"	0-4100	10.5	6.4

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Power Tools & Accessories

DEWALT

20V MAX* Lithium Ion Battery Pack (3.0 Ah)

- 3.0 Ah extended run-time battery provides long run-time & battery life
- No memory and virtually no self-discharge for maximum productivity and less downtime
- Weighs 1.6 lbs allowing user maximum runtime and a light weight battery
- Compatible with entire line of DeWalt® 20V MAX* tools

Item #
DTDCB200

12V MAX* - 20V MAX* Lithium Ion Battery Charger

- Charges all DeWalt® 12V - 20V MAX* Li-Ion batteries
- Charges the battery in 1 hour or less thus minimizing downtime
- Diagnostics with LED indicator communicates battery charge status: charged, charging, power line problem, replace pack, and battery too hot or too cold

Item #	Tool Wt. (lbs.)
DTDCB101	1.23

1/4” Screwdriver Kit 12V

12V MAX Lithium Ion Tools*

Dewalt

- 0-1,050 RPM
- Compact, lightweight, only 2.2 lbs. design fits into tight areas
- 3 LED Lights
- One-handed loading 1/4" hex chuck accepts 1" bit tips
- Includes: (2) 12v Lithium-Ion batteries, charger, belt hook, case

Item #
DTDCF610S2

3/8” Drill Driver Kit 12V

12V MAX Lithium Ion tools*

Dewalt

- Two speed transmission for optimal speed and torque control; 0-400 / 0-1,500 rpm
- Compact, lightweight, only 2.4 lbs., fits into tight areas

3/8” single sleeve keyless chuck

- LED light
- Includes: (2) 18v Lithium-Ion batteries, charger, belt hook, case

Item #
DTDCD710S2

1/4” Impact Driver 12V

12V MAX Lithium Ion Tools*

Dewalt

- 0-2450 RPM
- Compact, lightweight, 2.3lbs.
- 3 LED Lights
- One-handed loading 1/4" hex chuck accepts 1" bit tips
- Includes: (2) 12v Lithium-Ion batteries, charger, belt hook, case

Item #
DTDCF815S2

3/8” Impact Wrench Kit 12V

12V MAX Lithium Ion Tool*

Dewalt

- Compact, lightweight, 2.3 lbs.
- 3 LED Lights
- 3/8" Hog ring anvil
- 1150 in/lbs of torque
- Includes: (2) 12v Lithium-Ion batteries, charger, case

Item #
DTDCF813S2

Inspection Camera 12V

12V MAX Lithium Ion Tool*

Dewalt

- Removable wireless screen for ease of viewing when in tight areas
- Photo and video capturing on micro SD card to help with documentation (SD card sold separately)
- Hook and magnet accessories included to aid in retrieval
- 3.5" screen for increased visibility; 3x zoom capability for better visibility
- Includes: 3 ft. cable, (1) 12v Lithium-Ion battery, charger, case

Item #
DTDCT410S1

Infrared Thermometer Kit 12V

12V MAX Lithium Ion Tool*

Dewalt

- Non-contact temperature measurements (-20°F to 932°F) for ease of use over distance and accuracy
- LED hot (red) & cold (blue) indicator for visual and/or audio alarm for quickly locating trouble spots
- Data storage for recording max, min, and average temperatures
- Adjustable emissivity improves accuracy across a wide range of materials
- Includes: (1) 12v Lithium-Ion battery, charger, case

Item #
DTDCT414S1

DEWALT

LED Worklight 12V

12V MAX Lithium Ion*

Dewalt

- Bright LED output - 130 Lumens
- Powerful magnet - hands free use in multiple placements
- Kick stand - hands free use in multiple placements
- Head rotates 360° and pivots

Item #
DTDCL510

12V MAX* Fastcharger

12V MAX Lithium Ion Tools*

Dewalt

- Charges all DeWalt® 12V MAX* Li-Ion batteries; charges the battery in 40 minutes or less
- Diagnostics with LED indicator communicates battery charge status: charged, charging, power line problem, replace pack, and battery too hot or too cold

Item #
DTDCB100

12V MAX* Lithium Ion Battery Pack

12V MAX Lithium Ion Tools*

Dewalt

- Compact, light weight design; quick 40 minute charge time
- No memory and virtually no self-discharge for maximum productivity and less downtime
- Requires 12V MAX* compatible charger (DCB100)

Item #
DTDCB120

Screwdriver/Impact Driver Combo Kit 12V

12V MAX Lithium Ion*

Dewalt

- DCF610 12V MAX* screwdriver features 1/4" one hand loading hex chuck
- DCF815 12V MAX* 1/4" impact driver features 3 LED lights to provide visibility without shadows
- Includes: (2) 12v Lithium-Ion batteries, charger, case

Item #
DTDCK210S2

Drill Driver/Impact Driver Combo Kit 12V

12V MAX Lithium Ion Tool*

Dewalt

- DCD710 12V MAX* 3/8" drill/driver features two speed transmission (0-400 / 0-1,500)
- DCF815 12V MAX* 1/4" impact driver features 3 LED lights to provide visibility without shadows

Item #
DTDCK211S2

12V Cordless Drill/Driver Kit

1/2”

DeWalt

- XRP™ extended run-time batteries provide long run-time and battery life
- Patented 3-speed all-metal transmission

Specifications:

- # of Speed Settings: 3
- Max RPM: 0-425/0-1,200/0-1,800
- Clutch Settings: 22
- Chuck Size: 1/2”
- Includes: 1 hour charger, (2) 12V XRP™ batteries, kit box

Item #
DTDCD910KX

12V Cordless Impact Wrench Kit

1/4"

DeWalt

- 1,150 in-lbs of torque
- 0-2,400 rpm/0-2,700 ipm

Specifications:

- Voltage: 12 V
- Drive Size: 1/4” hex shank quick release in
- No Load Speed: 0-2,400 rpm
- Impacts/Min: 0-2,700 ipm
- Includes: 1 hour charger, (2) 12V XRP™ batteries, kit box

Item #
DTDC845KA

Dust Extractor Telescope w/ Hose for SDS Rotary Hammers

DeWalt

- Dust extractor telescope and side-handle fits DeWalt corded and cordless SDS rotary hammers

Item #
DTD25301D

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

DEWALT

HEPA Dust Extraction for L-Shape SDS Hammer

DeWalt

- For use with D25303, D25304, D25313, D25314, D25323, and D25324 hammers
- HEPA filter delivers 95% efficiency at 0.3 microns
- Built-in motor keeps performance high while drilling
- 2-second power-off delay allows dust extraction to continue after drill is switched off

Item #
DTD25300DH

14.4V Cordless 1/2" Drill/Driver Kit

DeWalt

- High power, high efficiency motor delivers 285 unit watts out of max power

Specifications:

- # of Speed Settings: 3
- Max RPM: 0-425/0-1,200/0-1,800
- Clutch Settings: 22
- Chuck Size: 1/2"
- Includes: 1 hour charger, (2) 14.4V XRP™ batteries, kit box

Item #
DTDCD920KX

14.4V Cordless Impact Wrench Kit

1/4"

DeWalt

- 0-2,400 rpm/0-2,700 ipm for faster application speed

Specifications:

- Drive Size: 1/4" hex shank quick release in
- No Load Speed: 0-2,400 rpm
- Includes: 1 hour charger, (2) 14.4V XRP™ batteries, kit box

Item #
DTDC835KA

14.4V Cordless Flashlight

Pivoting Head

DeWalt

- Pivoting head rotates 90°; wide-angle beam
- Extra-bright Xenon bulb (DW9063); spare bulb inside lens cover

Item #
DTDW906

14.4V Cordless Swivel Head Shears Kit

18 Gauge

DeWalt

- 14.4 volt 18 gauge
- 0-2300 SPM, 5.1 lbs.
- Swivel head rotates 360°; fan cooled motor with electric brake
- 1,200 cycle XR pack™
- Includes: (1) 14.4v battery, charger, case

Item #
DTDW941K-2

6.5 Amp Reciprocating Saw Kit

1-1/8" Stroke Length

DeWalt

- 1-1/8" Stroke length
- Variable speed, 0-2,400 spm
- Includes: saw, metal blade, case

Item #
DTDW304PK

13.0 Amp Reciprocating Saw

Variable Speed

DeWalt

- Orbital action for fast wood cutting applications
- Powerful 13.0 amp motor
- Keyless blade clamp; keyless adjustable shoe
- Variable speed dial matches the correct speed with the application for increased versatility and control
- Includes: Saw, Metal Blade, Case

Item #
DTDW311K

Worm Drive Circular Saw

7-1/4"

DeWalt

- 13.8 lbs. Lightweight magnesium construction; durable cast magnesium footplate provides a tough and solid cutting platform
- Extra wide saw hook accepts material up to 2-1/2" wide
- Toughcord™ Cord Protection System
- 53° Bevel capacity; Bevel detents at 22.5° and 45°
- Dual rip ports to accept available DWS5100 12" Dual Port Rip Guide
- Top-accessible spindle lock

Item #
DTDWS535

DEWALT

15 Amp Circular Saw

Heavy-Duty, 8-1/4”

DeWalt

- 15.0 Amp, high-torque motor
- Electric brake stops blade after use
- Heavy-gauge, high-strength aluminum alloy base

Specifications:

- No Load Speed: 5,800 RPM
- Spindle Lock: Yes; Electric Brake: Yes

Item #
DTDW384

7-1/4” Circular Saw Kit

15 Amps

DeWalt

- 9.5 lb. light weight tool ergonomically designed
- 15 Amp, 2,200 MWO motor powerful enough for the toughest applications
- 56º beveling capacity

Item #
DTDW369CSK

15 Amp Circular Saw

7-1/4”

DeWalt

- 120V, 5800 RPM, high torque motor
- Two-second electric brake
- 100% ball and roller bearings; 50% bevel capacity
- Shoe provides 1-1/2” edge distance that matches dimensional lumber thickness

Item #
DTDW364

Lightweight Circular Saw

7-1/4”

DeWalt

- 15 Amp, 2,200 MWO motor
- 56° beveling capacity with stops at 45° and 22.5°
- Magnesium shoe designed for increased durability; clear line of sight aids in blade visibility from any angle
- Lower guard design improves performance when making bevel cuts and cutting shims

Specifications:

- No Load Speed: 5,800 RPM; Blade Diameter: 7-1/4”

Item #
DTDW368

Jig Saw Kit

Variable Speed

DeWalt

- Accepts only T-shank blades for optimal holding power ion
- Stroke Length: 1"
- Keyless Blade Clamp: Yes
- Dust Blower: Yes
- Orbital Action: 4-position
- 6.5 amps
- Includes: Saw, Metal Blade, Case

Item #
DTDW331K

Compact Jig Saw Kit

DeWalt

Specifications:

- Amps: 5.5 Amps
- Strokes/Min: 0-3,100 spm
- Stroke Length: 1”
- Keyless Blade Clamp: Yes
- Dust Blower: N/A
- Orbital Action: 4-position

Item #
DTDW317K

1.3 Amp Scroll Saw

20”

DeWalt

- 3/4” Stroke length
- Double parallel-link arm
- Exclusive tool-free blade holders
- On-off switch, electronic variable speed, flexible dust blower and blade-tensioning lever are all located on the front upper arm
- Arm design moves the tool’s pivot points from the back of the saw to the front, shortening the arm movement for smoother, quieter operation
- Unique arm design keeps the blade perpendicular to the work
- SPM: 400-1,750
- Max. Depth of Cut: 2”
- 1.3 amps

Item #
DTDW788

Power Tools & Accessories

DEWALT

Single-Bevel Compound Miter Saw

10”

DeWalt

- Stainless steel detent plate with 11 positive stops provides repeatable accuracy and jobsite durability
- Cam miter lock for quick and accurate miter table positioning
- Miter detent override for fine adjustment and precise miter angles
- 0-50° left and right miter capacity
- Bevels 3°-48°
- Laser compatible, designed for use with the DWS7085 LED worklight

Specifications:

- Amps: 15 Amps; No Load Speed: 5,000 RPM
- Blade Diameter: 10”; Arbor Size: 5/8”

Item #
DTDW713

Single-Bevel Compound Miter Saw

12”

DeWalt

- Adjustable stainless steel miter detent plate with 11 positive stops improves productivity and ensures cutting
- Bevels 0°-48° to the left and 0°-3° to the right
- 0°-50° left and right miter capacity
- Cam lock miter handle with detent override deliver quick and accurate miter angles
- 4 Hardened Steel Bevel Stops at 0°, 33.9°, 45° and 48°

Specifications:

- Amps: 15 Amps; No Load Speed: 4,000 RPM
- Blade Diameter: 12”; Arbor Size: 5/8” or 1”

Item #
DTDW715

Double-Bevel Sliding Compound Miter Saw

10”

DeWalt

- Exclusive bevel detent system - 7 positive stops; adjustable stainless steel miter detent plate with 11 positive stops
- Dual horizontal steel rails with innovative clamping mechanism and linear ball bearings
- Cross cut capacity 12" at 45° angle using back fence design
- Miter capacity left 60° and right 52°; bevels 0-480 for increase cut capacity

Specifications:

- Amps: 15 Amps; No Load Speed: 4,000 RPM
- Blade Diameter: 10”; Arbor Size: 5/8”

Item #
DTDW717

Double-Bevel Sliding Compound Miter Saw

12”

DeWalt

- Adjustable stainless steel miter detent plate with 10 positive stops
- Innovative gearbox and belt-drive design increases vertical cutting capacity
- Single lever action double bevel design easily bevels left and right 0° - 48° with positive stops at 0°, 22.5°, 33.9° and 45° in both directions
- Exclusive Back Fence Design cuts up to 2x16 dimensional lumber at 90° and 2x12 at 45°; miters 60° to the left and 50° to the right

Specifications:

- Amps: 15 Amps; No Load Speed: 3,600 RPM
- Blade Diameter: 12”; Arbor Size: 5/8" or 1”

Item #
DTDW718

Jobsite Compact Table Saw

10”

DeWalt

- Rack and pinion fence rails make fence adjustments fast, smooth and accurate; telescoping fence rails retract to create a small, portable package
- 16" of rip; 24T carbide blade enhances cut quality
- Dust port allows for 2-1/2" vacuum hook up

Specifications:

- Amps: 15 Amps; No Load Speed: 3,850 rpm
- Blade Diameter: 10”; Arbor Size: 5/8”
- Dust Port Diameter: 2-1/2”

Item #
DTDW745

DEWALT

6-1/2” Track Saw Kit

w/59” Track

DeWalt

- Zero clearance TrackSaw™ cutting system delivers precise, straight, splinter-free cuts
- For use with TrackSaw™ dual-edged tracks for perfectly straight cuts in both directions
- On-track cut depth: 2-1/8” @ 90°, 1-5/8" @ 45º; depth scale accurately indicates exact depth of cut accounting for track thickness
- Straight Plunge Mechanism
- Universal 1-1/4" Dust Port for 90% efficient dust collection with vacuum

Specifications:

- Power: 12 Amp; No Load Speed: 1750 - 4000 RPM
- Blade Diameter: 6-1/2" (165 mm)

Item #
DTDWS520SK

Miter Saw Stand

Heavy-Duty

DeWalt

- Universal design works with all brands of miter saw
- Lightweight aluminum construction (35 lbs.) allows for easy transport to and from the jobsite
- 5-1/2' beam extends to support up to 16 ft. of material and up to 400 lbs.
- Includes: 2 convertible work supports/stops

Item #
DTDW723

Table Saw Stand

Portable

DeWalt

- All-metal construction
- Folds up for easy storage; lightweight and durable

Item #
DTDW7440

Scroll Saw Stand

All-Metal Construction

DeWalt

- All-metal construction
- Adjustable legs

Item #
DTDW7880

1/2" VSR Mid-Handle Grip Drill

w/Keyless Chuck

DeWalt

- 10.0 Amp motor delivers high performance in heavy-duty applications

Specifications:

- Chuck Size: 1/2”; Keyless Chuck: yes
- Amps: 10.0 Amps; No Load Speed: 0-1,200 RPM
- Capacity In Wood: 1-1/2”; Capacity In Steel (Twist Bit): 1/2”
- Includes: 360° locking side handle with soft grip

Item #
DTDWD215G

7.2 Amp 1/2” Hammerdrill

Keyed Chuck

DeWalt

- Variable speed 120 V, 0-1,100/0-2,700 rpm; 0-19,000/0-46,000 BPM
- Dual mode: hammerdrill/drill for wood, steel or masonry applications

Bit Capacity:

- Concrete: Optimum - 3/16”-3/8”, Maximum - 1/2”
- Wood: 1/2” (low); Steel: 3/8” (low)

Item #
DTDW505

7.8 Amp 1/2” Electric Drill

Keyed Chuck With Side Handle

DeWalt

- 0-850 rpm with ground plug

Wood applications:

- Spade bit - 1-1/2”

Steel applications:

- Twist bit - 1/2”

Item #
DTDW235G

7.8 Amp 1/2” Electric Drills

w/Side Handle

DeWalt

- Variable speed 0-600RPM
- DW246: Keyless chuck with spindle lock
- DW245 Keyed Chuck

Wood applications:

- Spade bit - 1-1/2”

Steel applications:

- Twist bit - 3/4”

Item #
DTDW245
DTDW246

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Power Tools & Accessories

DEWALT

7.8 Amp 1/2” Electric Drill

Keyless Chuck

DeWalt

- VSR 0-850 RPM

Wood applications:

- Spade bit - 1-1/2”

Steel applications:

- Twist bit - 1/2”

Item #
DTDW236

1/2" VSR Stud & Joist Drill

w/Clutch and Bind-up Control®

DeWalt

- Bind-Up Control™ stall-sensing technology for increased control of reactionary torque
- Mechanical clutch in low speed delivers increased gear protection

Specifications:

- Chuck Size: 1/2”
- No Load Speed: 0-330/0-1300 rpm
- Amps: 11.0 Amps
- Clutch: Yes
- Capacity In Wood (Spade Bit): 1-1/2”
- Capacity In Wood (Self-Feed): 4-5/8”
- Capacity In Wood (Hole Saw): 6”
- Capacity In Wood (Auger Bit): 1-1/2”
- Capacity In Steel (Twist Bit): 1/2”
- Capacity In Steel (Hole Saw): 5”
- Includes: Chuck key with holder, 2-position side handle, bail handle

Item #
DTDWD460

7 Amp 1/2” Spade Handle Drill

Keyed Chuck

DeWalt

- 120V AC/DC, forward/reverse rocker switch, 450RPM
- 5/8” spindle for durability in high torque applications

Wood applications:

- Spade bit - 1-1/2”

Steel applications:

- Twist bit - 1/2”

Item #
DTDW130V

3/8” VSR Mid-Handle Drill Kit

With Keyless Chuck

DeWalt

- 8.0 Amp motor
- 0-2,500 RPM, VSR trigger
- Mid-handle grip design with soft grip offers increased balance and comfort
- Capacity In Wood (Spade Bit): 1"
- Capacity In Wood (Hole Saw): 1-1/8"
- Capacity In Steel (Twist Bit): 3/8"
- Includes: Heavy-duty kit box

Item #
DTDWD115K

3/8" VSR Pistol Grip Drill Kit

W/Keyless Chuck

DeWalt

- 7.0 Amp motor
- 3/8" All-metal ratcheting keyless chuck
- 0-2,500 RPM, VSR trigger N/A; (Hole Saw) 1-1/8";(Auger Bit) N/A;
- Capacity In Steel (Twist Bit) 3/8";(Hole Saw) N/A
- Includes: Heavy-duty kit box

Item #
DTDWD112

6.7 Amp 3/8” VSR Drill

Heavy-Duty

DeWalt

- Amps: 6.7
- No Load Speed (rpm): 0 - 1,500
- Chuck (in.): 3/8

Item #
DTDW222

3.7 Amp 3/8” Right Angle Drill

Keyed Chuck

DeWalt

- Compact right-angle design for easy access in tight places
- Paddle switch; Spindle Lock

Specifications:

- Chuck Size: 3/8”; Keyless Chuck
- Amps: 3.7 Amps; No Load Speed: 0-1,200 RP,
- Capacity In Wood (Spade Bit): 1-1/8”; Capacity In Steel (Twist Bit): 3/8”
- Includes: Chuck key with holder

Item #
DTDW160

DEWALT

6.0 Amp 3/8” Pistol Grip Electric Drill

DeWalt

- Built-in two-way level for drilling accurate vertical and horizontal holes
- Chuck Size: 3/8”
- No Load Speed: 0-2,500 RPM; Amps: 6.0 Amps
- Gear Reduction: Single
- Capacity In Wood (Spade Bit): 1”
- Capacity In Wood (Hole Saw):1-1/8”
- Capacity In Steel (Twist Bit): 3/8”
- Includes: Chuck key with holder

Item #.
DTD21002

7 Amp 1/4” Electric Drill

Keyless Chuck

DeWalt

Wood applications:

- Spade bit - 1-1/4”
- Hole saw - 2-1/8”

Steel applications:

- Twist bit - 3/8”
- Hole saw - 1-1/2”
- 6.7 amps

Item #
DTDW217

Screwdriver

DeWalt

- Depth sensitive
- 6.0 Amps, 0-4,000 rpm, 60 in. lbs. Amps/RPM Torque

Item #	Max. Fastener Size
DTDW252	#8

6.2 Amp All-Purpose Screwdriver Kit

Heavy-Duty, VSR

DeWalt

- High-power, multi-purpose kit for self-drilling fasteners in steel, deck/subfloor installation and drywall applications
- Depth sensitive, "set and forget" nose-piece for consistent fastener depth
- Amps: 6.2; No Load Speed (RPM): 0 - 2,500
- Standard clutch

Item #
DTDW260K

6.3 Amp VSR Drywall Screwdriver

Heavy-Duty

DeWalt

- Metal gear housing for increased durability
- Depth-sensitive, "set and forget" nose-piece

Specifications:

- Amps: 6.3; No Load Speed: 0-4,000 rpm
- Clutch: Standard

Item #
DTDW272

6.5 Amp VSR Screwdriver

Heavy-Duty

DeWalt

- Versa-Clutch® system to "dial' the proper torque needed to efficiently drive fasteners without stripping or breaking fastener with override capability
- Amps: 6.5; No Load Speed: 0 - 2,000 RPM

Item #
DTDW268

1/2” Impact Wrench

w/Detent Pin Anvil

DeWalt

- 1/2" detent pin anvil; AC/DC forward/ reverse rocking switch

Specifications:

- Amps: 7.5 Amps; No Load Speed: 2,100 rpm
- Max. Torque: 345 ft-lbs; Impacts/Min: 2,700 ipm

Item #
DTDW292

3/4” Impact Wrench

w/Detent Pin Anvil

DeWalt

- 3/4" detent pin anvil
- AC/DC forward/reverse rocking switch

Specifications:

- Amps: 7.5 Amps; No Load Speed: 2,100 RPM
- Max. Torque: 345 ft-lbs
- Impacts/Min: 2,700 ipm

Item #
DTDW294

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

DEWALT

3/4” Impact Wrench

DeWalt

- Easy forward or reverse, can run on AC or DC current

Specifications:

- Amps: 7.5 Amps
- No Load Speed: 1,600 RPM
- Max. Torque: 434 ft-lbs
- Impacts/Min: 1,800 ipm

Item #
DTDW297

Rotary Hammer Kit

7/8” SDS

- 6.9 amp motor provides high performance: (0-1,550 RPM, 0-4,550 BPM)
- Variable speed trigger controls speed from 0 to dialed setting
- Mode selector allows for usage in rotary hammer, rotary only, and chiseling applications
- Reversing feature helps release tool from bind up situations
- Integral clutch reduces sudden, high torque reactions if bit jams
- 360-degree side handle adjusts easily
- D-handle design offers preferred balance

Item #
DTD25023K

Rotary Hammer

1" SDS

DeWalt

- Reverse feature assists in the removal of fasteners
- Variable speed allows for precise hole placement on work surface
- Amps: 8.0 Amps
- Chipping: Yes
- Loaded Speed: 0-850 rpm
- Blows/Min: 0-4,300 bpm

Item #
DTD25213K

Rotary Hammer

1” SDS

- 8 amp motor provides high performance: 0-1,150 RPM, 0-4,300 BPM
- Variable speed trigger controls speed from 0 to dialed setting
- Delivers 2.5 ft lbs. of Impact Energy
- SHOCKS – Active Vibration Control® reduces vibration up to 50%
- Mode selector allows for usage in rotary hammer, rotary only, and chiseling applications
- Reversing feature helps release tool from bind up situations
- Integral clutch reduces sudden, high torque reactions if bit jams
- 360 degree side handle adjusts easily

Item #
DTD25223K

SDS Max Rotary Hammer

1-3/4”

DeWalt

- 13.5 Amp high-performance motor provides high performance; 210-415 rpm; 1430-2840 bpm
- 9.5 ft-lbs. of Impact Energy provides fast drilling and powerful chipping
- Shocks - Active Vibration Control® reduces vibration up to 50%
- Complete Torque Control (CTC)® - Patented 2-Stage clutch provides maximum control in bind up situations
- Rear handle mount increases user comfort
- Trigger lock-on reduces user fatigue while chipping

Item #
DTD25602K

Three Mode SDS Hammer

1" L-Shape

DeWalt

- L-Shape design offers superior balance and control
- At only 11-1/2" this hammer is the most compact in the market
- Light weight design (6.5 lbs) provides comfort for extended use

Specifications:

- Optimal Concrete Drilling: 5/32" - 5/8"
- Amps… 8.0 Amps
- Blows/Min: 0-4,300 bpm
- Clutch: Yes - Factory Set

Item #
DTD25313K

DEWALT

Rotary Hammer

1" L-Shape

- 8 amp motor provides high performance and overload protection: 0-1,150 RPM, 0-4,300 BPM
- Variable speed trigger allows user to instantly control speed from 0 to dialed setting
- Delivers 2.5 ft lbs. of Impact Energy, providing fast drilling and powerful chipping
- SHOCKS – Active Vibration Control® reduces vibration up to 50% while increasing user comfort and productivity
- Mode selector allows for usage in rotary hammer, rotary only, and chiseling applications; Reversing feature helps release tool from bind up situations, and assists with removal of fasteners
- Integral clutch reduces sudden, high torque reactions if bit jams; 360 degree side handle adjusts easily for preference or use in tight spaces
- Dust Extraction Connection allows the use of the D25300DH dust collection system

Item #
DTD25323K

SDS Max Combination Hammer

1-7/8"

DeWalt

- SHOCKS – Active Vibration Control® reduces vibration up to 50%
- Complete Torque Control (CTC)® - Patented 2 Stage clutch provides maximum control in bind up situations
- 13 Amp motor provides maximum performance; 210-415 rpm; 1430-2840 bpm; 11.7 ft lbs. of Impact Energy
- Rear handle mount means less bending over when using tool in downward chipping applications; Trigger Lock On provides increased user comfort in extended use chipping applications

Item #
DTD25712K

SDS Max Combination Hammer

2"

DeWalt

- SHOCKS – Active Vibration Control® reduces vibration by up to 50%
- Complete Torque Control (CTC)® utilizes patented 2-stage clutch for maximum control in bind-up situations
- 15 Amp motor provides maximum overload protection & power; 15 ft-lbs of impact energy provides maximum performance in drilling & chipping
- Rear handle mount means less bending over when using tool in down drilling applications; Lock-on slide switch provides increased user comfort in extended use applications

Item #
DTD25762K

SDS Max Demolition Hammer

22 lb., w/Shocks

DeWalt

- Active Vibration Control AVC™ reduces vibration
- SDS max tool holder with rubber dampers absorbs energy providing longer life

Specifications:

- Amps: 14 Amps
- Loaded Speed (bpm): 1,020-2,040 bpm

Item #
DTD25901K

Spline Rotary Hammer Kit

1-3/4"

DeWalt

- 13.5 Amp motor Provides maximum performance & overload protection
- 9.5 ft-lbs. Impact Energy provides fast drilling and powerful chipping
- Complete Torque Control (CTC)® - Patented 2 Stage clutch provides maximum control in bind up situations
- Shocks – Active Vibration Control® reduces vibration up to 50% while increasing user comfort and productivity
- Electronic variable speed allows the user to control the speed of drilling and chipping while maintaining speed under load
- Rear handle mount means less bending over when using tool in down drilling applications
- Trigger Lock On provides increased user comfort in extended use chipping applications

Item #
DTD25651K

Rotary Hammer Kit

1-9/16" Heavy-Duty

DeWalt

- 12.0 Amp motor high performance and overload protection, 490 rpm, 3300 bpm
- 8.0 ft-lbs of impact energy provides fast drilling and powerful chipping
- Rear handle mount for increased user comfort in down drilling applications
- Rubber grip helps reduce the level of vibration felt by the user
- Factory-set clutch reduces sudden, high torque reactions if bit jams

Item #	Chuck Type
DTD25553K	Spline

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

DEWALT

Pavement Breaker - Electric

w/ Hammer Truck and Steel

DeWalt

- Hammer truck provides easy transportation of pavement breaker

Specifications:

- Impact Energy: 61 ft-lbs
- Amps: 15 Amps
- Loaded Speed (bpm): 900 bpm
- Chisel Rotation
- Includes: Hammer truck, flat foot plate for hammer truck, pegged foot plate for hammer truck, (1) bull point chisels, (1) 1" cold chisel, (1) 3" wide chisel

Item #
DTD25980K

13 AC Amp Straight Grinder

4-1/2", Heavy-Duty

DeWalt

Specifications:

- Amps: 13.0 AC Amps
- No Load Speed: 11,000 rpm
- Spindle Thread: 5/8"-11
- Switch Type: Slide
- Includes: 2-position side handle, depressed center wheel, keyless adjustable guard, wrench

Item #
DTD28131

7.0 Amp Angle Grinder

4-1/2", Heavy-Duty

DeWalt

- 120V, AC/DC
- 10,000 rpm motor provides high power and speed for all 4 1/2" grinding applications
- Spindle lock for quick and easy wheel changes
- 5/8"-11 Spindle Thread
- 7.0 amps
- Includes: 2 position side handle, depressed center wheel, keyless adjustable guard, wrench

Item #
DTD28110

4-1/2"/5" High Performance Grinder

With Trigger Grip

DeWalt

- Quick-Change wheel release provides tool free wheel removal; Keyless adjustable guard provides tool free guard adjustments increasing productivity

Specifications:

- Amps: 13.0 Amps; No Load Speed: 9,000 rpm
- Spindle Lock: Yes; Spindle Thread: 5/8"-11
- Includes: 2-position side handle, 5" keyless adj. guard, wrench

Item #	Desc.
DTD28115	With Lock on Trigger Grip

13 Amp 4-1/2" Angle Grinder

11,000rpm

DeWalt

- 3.0 Amp/ 11,000 rpm
- Dust Ejection System™
- Keyless adjustable guard provides tool free guard adjustments increasing productivity
- Includes: 2 position side handle, depressed center wheel, wrench

Item #
DTD28114

4-1/2" Small Angle Grinder

Heavy-Duty

DeWalt

- 10.0 Amp AC/DC 11,000 rpm motor
- Dust Ejection System(TM); Quick-Change(TM) Wheel Release

Specifications:

- No load speed: 11,000 rpm; Use wheels RPM above: 12,000 rpm
- Spindle lock: yes; Spindle thread: 5/8"-11
- Includes: 2 position handle, depressed center wheel

Item #
DTD28402

12 Amp 5" Angle Grinder

Heavy-Duty

DeWalt

- 10,000 rpm motor provides high power and speed for all 5" grinding applications
- 120V AC/DC capacity works off welding machines and generators
- 5/8"-11 Spindle Thread
- Includes: 2 position side handle, 5" guard, wrench

Item #
DTDW831

DEWALT

High Performance Grinder

5”/6”, w/Trigger Guard

DeWalt

- Dust Ejection System™; Quick-Change™ Wheel Release

Specifications:

- Amps: 13.0 AC/DC Amps; No Load Speed: 9,000 RPM
- Spindle Thread: 5/8"-11
- Includes: 2-position side handle, 5" keyless adjustable guard, 6" keyless adjustable guard, wrench

Item #
DTD28065

6” High Performance Cut-Off Grinder

DeWalt

Specifications:

- Amps: 13.0 AC Amps; No Load Speed: 9,000 RPM
- Spindle Thread: 5/8"-11; Switch Type: Paddle w/ lock-on
- Includes: 2-position side handle, Type 27 depressed center wheel, Type 27 keyless adjustable guard, Type 1 cutting wheel, Type 1 keyless adjustable guard, wrench

Item #
DTD28144

6” High Performance Cut-Off Grinder

DeWalt

Specifications:

- Amps: 13.0 AC Amps; No Load Speed: 9,000 RPM
- Spindle Thread: 5/8"-11; Switch Type: Slide
- Includes: 2-position side handle, Type 27 depressed center wheel, Type 27 keyless adjustable guard, Type 1 cutting wheel, Type 1 keyless adjustable guard, wrench

Item #
DTD28140

15 Amp 7” Angle Grinder

Heavy-Duty

DeWalt

- 6,000 RPM motor provides high power and speed for all 7” grinding applications
- Spindle lock for quick and easy wheel changes; 5-11 Spindle thread

Item #
DTD28499X

7” Large Angle Grinder

8,000 RPM - with Guard & Wheel

DeWalt

Specifications:

- Spindle Lock; 2 Finger switch
- 7” Keyless Guard & Wheel Included

Item #
DTD28474W

13 Amp 7” Angle Grinder

Heavy-Duty

DeWalt

Specifications:

- 120V AC/DC
- 8000 RPM No Load Speed
- Spindle lock; 5/8”-11 Spindle Thread

Item #
DTDW840

9” Large Angle Grinder

DeWalt

Specifications:

- Amps: 15.0 AC/DC Amps; No Load Speed: 5,000 rpm
- Spindle Lock: Yes; Spindle Thread: 5/8"-11
- Includes: 9" guard, 5 position side handle

Item #
DTD28493N

Grinder Pad Attachment

Rubber Backing

DeWalt

High quality raw materials.

- 6-1/2”; 8,500 max rpm

Item #
DTDW4947

3 Amp Straight Grinder

1-1/2”, Heavy-Duty

DeWalt

- 25,000 RPM
- Motor provides high power and speed for all 1-1/2” grinding applications
- 120V AC/DC capacity works off welding machines and generators for increased productivity and versatility

Item #
DTDW887

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Power Tools & Accessories

DEWALT

5 Amp Straight Grinder

2", Heavy-Duty

DeWalt

- 19,000 RPM
- Motor provides high power and speed for all 2" grinding applications
- 120V AC/DC capacity works off welding machines and generators for increased productivity and versatility

Item #
DTDW888

4 Amp Bench Grinder

Heavy-Duty, 6"

DeWalt

- Powerful 5/8 HP induction motor for heavy-duty grinding operations
- Industrial cast iron base and motor housing provide durability and prolong life

Specifications:

- Motor runs at 3,450 rpm for high speed material removal
- Amps (AC): 4.0
- No Load Speed: 3,450 rpm
- Wheel Diameter: 6 in.
- Spindle Diameter: 1/2 in.

Item #
DTDW756

4.2 Amp Bench Grinder

Heavy-Duty, 8"

DeWalt

- 3/4 HP induction motor provides superior power for industrial grinding applications

Specifications:

- Amps: 4.2 AC
- No Load Speed: 3,600 rpm
- Wheel Diameter: 8 in.
- Spindle Diameter: 5/8 in.

Item #
DTDW758

Variable Speed Polisher

7"/9"

DeWalt

- Variable speed dial allows user to vary speed for specific materials and various applications (100-350 spm)

Specifications:

- Amps: 7.0 AC Amps
- No Load Speed: 0-1,750 rpm
- Spindle Thread: 5/8"-11
- Spindle Lock: Yes
- Includes: Side handle, rubber backing pad

Item #
DTDW847

8 Amp Electronic Variable Speed Polisher

Heavy-Duty, 7"/9"

DeWalt

- Electronic module maintains specified speed even under load
- Conveniently located variable speed dial lets user set maximum speed form 1,000 to 3,000 for different materials and applications
- Variable speed trigger allows user to instantly control speed from 0 to dialed setting

Specifications:

- Amps: 8.0 AC
- No Load Speed: 0-1000/0-3000 rpm
- Spindle Thread: 5/8 - 11 in.
- Spindle Lock: Yes
- Includes: Side handle, rubber backing pad

Item #
DTDW849

Deep Cut Band Saw Kit

DeWalt

- Industry best 5" deep cut capacity for round or rectangular stock
- LED sight light
- Integrated hang hook
- Variable speed dial

Specifications:

- Amps: 10 AC Amps
- Ft./Min.: 100-350 fpm
- Max Capacity (Round): 5"
- Max Capacity (Rectangular): 5" x 4-3/4"
- LED Light: Yes
- Includes: Case, blade

Item #
DTDWM120K

DEWALT

6.5 Amp Heavy-Duty Shears

12 Gauge

DeWalt

Heavy-duty 12 Gauge Shear

- Paddle switch for convenient operation
- Four-edge blade design provides four times the life of standard blades
- Cuts radius as small as 1"
- Amps 120V AC/DC: 6.5
- Strokes/Min.: 1,950
- Cutting Speed (ft./min.): 26-39
- Capacity Mild Steel (ga.): 12
- Capacity Stainless Steel (ga.): 14

Item #

DTDW893

3 Amp Heavy-Duty Nibblers

16/18 Gauge

DeWalt

- No Load Speed 2100 SPM
- Round punch allows 360° pivot while cutting
- Rotating head allows changing cutting directions as desired
- Mild Steel: 16 ga
- Stainless Steel: 18 ga

Item #

DTDW896

14" Chop Saw

15 AMP, 5.5 HP

DeWalt

- Powerful 15.0 Amp motor provides more overload capacity, increasing performance and durability
- Quick-Change Blade Change System increases productivity
- Ergonomically designed "D" handle
- Large cutting capacity (5" round / 4-1/2" x 6-1/2" rectangle) provides the ability to cut a wide variety of materials

Specifications:

- 4,000 RPM
- Spindle lock and Quick lock device
- Includes: Blade, wrench

Item #

DTD28715

14" Chop Saw

15 AMP, 4.0 HP

DeWalt

- 15.0 Amp motor provides overload protection, increasing performance and durability
- Ergonomically designed horizontal "D" handle
- Quick-lock vise allows for fast clamping

Specifications:

- 3800 no load speed
- Spindle lock
- Quick lock vise
- Wheel arbor 1”
- Wheel dia. 14”
- Includes: Blade, wrench

Item #

DTD28700

5 Amp Cut-Out Tool

Heavy-Duty

DeWalt

- Tool-free bit change
- Removable shoe
- Turn-on, bump-off switch
- Accepts 1/8" and 1/4" shank cut-out bits
- Amps: 5.0
- No Load Speed (rpm): 30,000
- Collets (in.): 1/4 and 1/8

Item #

DTDW660

4.3 Amp Random Orbit Sanders

6”, Right Angle

DeWalt

- Controlled Finishing System™ maintains controllable pad speed and minimizes gouging
- Paper Size/Type: 6", 6-hole Hook and Loop™

Specifications:

- Amps: 4.3
- OPM: 4,300 - 6,800
- Includes: Dust bag

Item #

DTDW443

DEWALT

Palm Grip Sander

1/4 Sheet

DeWalt

- Textured anti-slip top and body grip provides ultimate comfort and control during use
- Dust-Sealed Switch
- High capacity dust bag with built-in vacuum adapter

Specifications:

- Amps: 2.4 Amps
- Orbits/Min: 14,000 opm; Orbit Diameter: 1/16"
- Paper Size/Type: 1/4 Sheet
- Includes: Dust bag with vacuum adapter, sandpaper punch

Item #
DTD26441

Random Orbit Sander Kit

5”

DeWalt

- High capacity dust bag with built-in vacuum adapter
- Accepts 5", 8-hole hook & loop paper

Specifications:

- Amps: 3.0 Amps
- Orbits/Min: 12,000 opm; Orbit Diameter: 3/32
- Paper Size/Type: 5", 8-hole hook & loop
- Includes: Dust bag with vacuum adapter, case

Item #
DTD26451K

3”x21” Belt Sander

DeWalt

- Three wheel design delivers lowest center of gravity and longest 3" X 21" platen available
- Dust collection shut-off valve eliminates dust stream toward user when collector is not in use

Specifications:

- Amps: 8.0: Amps
- Paper Size/Type: 3" x 21"
- SFPM: 1,400
- Includes: Sanding belt

Item #
DTDW432

3”x21” Variable Speed Belt Sander

DeWalt

- Three wheel design delivers lowest center of gravity and longest 3" x 21" platen available
- Variable speed dial allows user to vary speed for specific materials and various applications (100-350 spm)
- Dust collection shut-off valve eliminates dust stream toward user when collector is not in use

Specifications:

- Amps: 8.0: Amps
- Paper Size/Type: 3" x 21"
- SFPM: 8,500 - 1,400
- Includes: Sanding belt, dust bag

Item #
DTDW433

Fixed Base Router

1-3/4 HP (Maximum Motor HP)

DeWalt

- 1-3/4 HP (maximum motor HP), 11.0 Amp motor provides the power to rout smoothly through the toughest hardwoods
- Micro-fine depth adjustment ring provides precise depth adjustments in 1/64" increments and adjusts vertically for a constant switch/cordset location
- Clear, Lexan sub-base provides enhanced base durability, bit visibility

Specifications:

- Amps: 11.0 Amps; No Load Speed: 24,500 rpm
- Collet Diameter: 1/2", 1/4"
- Base Dimension: 6"

Item #
DTDW616

10 Amp Electronic Plunge Routers

Heavy-Duty, 2HP

DeWalt

- Full wave electronic variable speed motor with soft start runs at 8000-24000 rpm with constant speed under load to ensure quality finish in all materials
- Rack and pinion depth adjuster, with micro-fine adjusting allows quick, accurate set ups
- Only plunge router with built-in dust extraction through the column, removes 95% of the dust

Specifications:

- Amps: 10.0; Horsepower: 2 HP
- No Load Speed: 8,000-24,000 rpm
- Collet Diameter: 1/4”, 1/2”’ Plunge Stroke: 2-1/8”
- Spindle Lock: Yes

Item #
DTDW621

DEWALT

15 Amp Heavy-Duty Router

3 HP

DeWalt

- 15 Amp 120V motor uses state of the art circuitry for soft starts and smooth operation
- Electronic variable speed motor runs at 8,000-22,000 rpm with constant speed under load to ensure a quality finish in all materials
- 8000 to 22,000 RPM no load speed
- 2-7/16 Plunge Stroke

Item #

DTDW625

Fixed Base / Plunge Router Combo Kit

1-3/4 HP (Maximum Motor HP)

DeWalt

- Micro-fine depth adjustment ring provides precise depth adjustments in 1/64" increments and adjusts vertically for a constant switch/cord-set location

Specifications:

- Amps : 11.0 Amps
- Horsepower: 1-3/4 HP
- No Load Speed: 24,500 rpm
- Collet Diameter: 1/2", 1/4"
- Plunge Stroke: 2-1/2"
- Depth Stop: Micro-fine depth adjustment ring
- Base Dimension: 6"
- Includes: Fixed base, plunge base, case, 1/4" and 1/2" collets, wrench

Item #

DTDW616PK

6.5 Amp Plate Joiner Kit

Heavy-Duty

DeWalt

- 6 tooth carbide blade
- Motor provides power for the hardest woods
- Dual rack and pinion fence ensures blade and fence are always parallel, for accurate joints every time
- Retractable, anti-slip pins help hold work in place
- Preset depth stops for all common biscuit sizes

Item #

DTDW682K

Palm Nailer

Lightweight

DeWalt

- Lightweight, compact design (Only 2.65 lbs.)
- Will drive all jobsite required fasteners (6d - 16d bulk nails)
- Magnetic tip for easy nail placement

Specifications:

- Nail Diameter: 6d-16d gauge

Item #

DTD51180

Milwaukee

MILWAUKEE ELECTRIC TOOL CORP.

1/2" High Performance Drill Driver Kit

M18™ Cordless

- Peak Torque: 650 in-lbs
- RPM: 450/1,800
- Chuck Type: 1/2" Metal Single Sleeve w/ Carbide Jaws
- Length: 9-1/4"
- 5 Year Warranty
- Includes: (2) M18™ XC High Capacity Lithium-Ion Batteries, 1-Hour Charger, Side Handle, Carrying Case

Item #

MI2610-24

MILWAUKEE ELECTRIC TOOL CORP.

Volt Hammer Drill Kit With Impact Driver

M18™

- 18V XC High Capacity Lithium-ion battery delivers longer life and run-time
- Variable speed trigger

Hammer Drill:

- 1/2" single sleeve ratcheting metal chuck with carbide jaws
- On-board Battery Fuel Gauge displays remaining run-time
- Built-in LED light illuminates work surface
- Includes: (2) M18 Lithium-Ion batteries, charger, side handle, case

Item #

MI2611-24

MILWAUKEE ELECTRIC TOOL CORP.

1/4” Hex Compact Impact Driver Kit

M18™ Cordless

- Torque: 1,400 in lbs.
- RPM: 0-2,200; IPM: 0-3,200
- 18V XC High Capacity Lithium-Ion battery
- 1/4” Hex Quick Change Chuck
- Milwaukee® 4-Pole Frameless Motor
- Battery Fuel Gauge displays remaining run-time
- Built-in LED Light
- Includes: Driver, (2) 18V XC LITHIUM-ION Batteries, Charger, Belt Clip, Carrying Case

Item #
MI2650-22

MILWAUKEE ELECTRIC TOOL CORP.

1/2” High Torque Impact Wrench Kit

M18™ Cordless

The M18™ Cordless Lithium-Ion 1/2" High Torque Impact Wrenches provide industry leading power in a compact size. Built with a Milwaukee® 4-pole motor and a powerful impact mechanism, the 2662-22 and 2663-22 deliver 450 ft-lbs of torque. A variable speed trigger provides speed control between 0-1900 RPM & 0-2200 IPM. The 2662-22 has a 1/2” anvil with detent pin to achieve superior socket retention, while the 2663-22 has a 1/2”anvil with friction ring for quick and easy one-handed socket changes.

- Milwaukee® Designed Impact Mechanism: Delivers 450 ft- lbs of torque
- Compact Size Lightweight: 8-7/8” Length and 6.7 lbs
- Milwaukee® 4-Pole Frameless Motor: Delivers maximum run-time
- 1/2” Anvil w/Friction Ring: Provides quick and easy, one-handed socket changes

Includes:

- (2) M18™ XC High Capacity Lithium-Ion Batteries, 1-Hour Charger, Carrying Case

Item #	Peak Torque (ft/lbs)	RPM/ IPM	Anvil	Weight (lbs.)	Length
MI2663-22	450	1900/ 2200	½” Friction Ring	6.7	8⅞

MILWAUKEE ELECTRIC TOOL CORP.

Compact Drill Driver Kit

M18™ Cordless

- 1/2” Ratcheting chuck with plastic sleeve
- Heavy-duty 2-speed metal gear box: 0-350/0-1,400 rpm
- Compact length (7-3/4 in.) fits in tight areas
- Compact motor delivers 400 in.-lbs. of maximum torque
- Built-in LED light illuminates work surfaces
- Belt Hook frees up both hands for work positioning before fastening
- Lightweight 4.0 lbs.
- Voltage: 18 DC
- Chuck Size: 1/2 in.
- No Load Speed: 0-350/0-1,400 RPM
- Torque: 400 in.-lbs.
- Chuck Type: Keyless
- Reversible Battery: No
- No. of Batteries Included: 2
- Amp Hours: 1.4
- Spindle Lock: Yes
- Clutch Settings: 21
- Capacity in Steel: 1/2 in.
- Capacity in Wood: 1 in.
- Length: 7-3/4 in.
- Includes: Two batteries, charger, carrying case

Item #	Peak Torque (in/lbs)	RPM	Chuck Type	Weight (lbs.)	Length (in.)
MI2601-22	400	350/1400	½” Single Sleeve	3.9	7¾

MILWAUKEE ELECTRIC TOOL CORP.

Expansion Tool Kit

M18™ Cordless

Propex®

- Speed: 45 SPM
- Head Rotation: Built-In Auto-Rotator
- Capacity: 3/8” - 1-1/2”
- Compatibility: 3/8” - 1” M12™, 1” - 1-1/2” M18™/Uponor®
- LED Light
- 5 Year Warranty
- Includes: (2) M18™ Compact Lithium-Ion Batteries, 30-Minute Charger, 1” Expansion Head, 1-1/4” Expansion Head, 1-1/2” Expansion Head, Grease, Carrying Case

Item #
MI2632-22

MILWAUKEE ELECTRIC TOOL CORP.

Band Saw Kit

M18™ Cordless

- SFPM: 480
- Capacity: 3-1/4” x 3-1/4”
- Weight: 10.25 lbs.
- Material Guide: Tool-Free
- Blade Ejection System
- 5 Year Warranty
- Includes: (2) M18™ XC High Capacity Lithium-Ion Batteries, 1-Hour Charger, Blade, Carrying Case

Item #
MI2629-22

MILWAUKEE ELECTRIC TOOL CORP.

Recip Saw Kit

M18™ Cordless

Sawzall®

Truly an over achiever, this cordless Lithium-Ion Sawzall® powered by an 18V XC High Capacity Redlithium™ battery offers up to 75 more cuts per charge and is designed to cut up to 30% faster with less vibration. The Sawzall® M18™ Cordless Lithium-Ion Recip Saw features a patented gear-protecting clutch, which absorbs impact and extends the life of the tool. The Quik-Lok™ blade clamp provides quick and efficient blade changes while the variable speed trigger optimizes speed for different applications. Weighing only 7.9 lbs., the saw is designed for maximum power, operator comfort and convenience, including an on-board fuel gauge that displays the remaining run-time.

- 18V XC High Capacity Redlithium™ battery delivers longer life and run-time
- Patented Gear-Protecting Clutch extends the life of the tool
- Lever Action Quik-Lok™ Blade Clamp
- Battery fuel gauge displays remaining run-time
- Variable Speed Trigger
- Includes: Sawzall® M18™ Cordless Lithium-Ion Recip Saw, (2) 18V XC High Capacity Redlithium™ battery (48-11-1828), 18V Charger (48-59-1801), (1) General Purpose Sawzall® Blade, Carrying Case

Item #	Stroke Length (in.)	Strokes/ Min.	Length (in.)	Tool Wt. (lbs.)
MI2620-22	1	0-3200	17¾	7.9

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion ProPex® Expansion Tool - Bare Tool

M18™ Cordless

- Features an auto-rotating head for convenient one-handed operation
- Speed: 45 spm
- Capacity: 3/8” - 1-1/2”

Features:

- Built-in Auto Rotate Mechanism for Effortless, One-Handed Use
- "D"-Handle Design for Added Durability from Impact
- LED Work Light Illuminates Work Space in Dark Locations
- Battery Fuel Gauge Displays Remaining Run-Time
- Compatible with Both Compact and XC M18™ Redlithium™ Batteries

Specifications:

- Voltage: 18V
- Expander Mechanism: Quick Cam w/ Quick Return
- Auto-Rotation: Built-In
- LED Light: Yes
- Battery Fuel Gauge: Yes

Item #
MI2632-20

MILWAUKEE ELECTRIC TOOL CORP.

Compact Lithium-Ion Battery

M18™ Cordless

- 1.4 amp-hour
- Battery Type: Lithium-Ion
- 2 Year Warranty

Item #
MI48-11-1815

MILWAUKEE ELECTRIC TOOL CORP.

XC High Capacity Lithium-Ion Battery

M18™ Cordless

- 3.0 amp-hour
- Battery Type: Lithium-Ion
- 5 Year Warranty

Item #
MI48-11-1828

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion 6-1/2" Circular Saw

M18™ Cordless

- Heavy-Duty Magnesium Guards
- Electronic brake; Aircraft aluminum shoe
- Battery fuel gauge displays remaining run-time
- Voltage: 18V
- Battery: 18V XC High Capacity Lithium-Ion Battery
- Speed: 3,500 RPM
- Arbor: 5/8"; Blade: 6-1/2" 24T Carbide Tipped
- Includes: (2) 18V XC High Capacity Lithium-Ion Battery Packs, 1-Hour Charger, Contractor Bag

Item #
MI2630-22

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Work Light

M18™ Cordless

- Ergonomic, compact, and lightweight design for operator comfort
- Fold-away utility hook; 135 degree rotating head
- Utilizes both the 18V Compact Redlithium™ battery and the 18V XC High Capacity Redlithium™ battery to provide longer run-time
- Features a Xenon incandescent bulb

Item #
MI49-24-0171

MILWAUKEE ELECTRIC TOOL CORP.

Power-Plus Batteries

Heavy-Duty

- 18 volt, 2.4 A-H
- Delivers the most run time, is compatible with 18 volt Milwaukee tools and work lights

Item #
MI48-11-2230

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Battery Charger

M18™

- Charge Time: (48-11-1815) 30 minutes, (48-11-1828) 1-hour
- 5 Year Warranty

Item #
MI48-59-1801

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion AC/DC Wall and Vehicle Charger

M18™

Dual function design:

- AC Wall Charger and DC Vehicle Charger quickly charges all M18™ batteries:
- 48-11-1815 - 30 minute charge time
- 48-11-1828 - 1 hour charge time

Charger communicates with battery pack to manage:

- Individual Cell Voltage; Temperature; Charge Status

Item #
MI2710-20

MILWAUKEE ELECTRIC TOOL CORP.

Battery Charger

18V-28V Universal

- Milwaukee's Universal Charger charges both Lithium-Ion And NiCd Milwaukee Batteries From 18V to 28V
- High visibility LED light displays charge status from across the room
- Charges Li-Ion Batteries in 1 hour or less; Charges NiCd Batteries in 40 minutes or less

Item #
MI48-59-2818

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Screwdriver

M12™ Cordless

- Quick Bit-Loading 1/4 in. Hex Chuck
- Battery Fuel Gauge for displaying remaining run-time; Built-in LED for illumination of dark work spots
- Variable Speed Trigger; Over-mold Side and Grip for secure grip and work surface protection
- Includes: 2401 M12™ Cordless Lithium-Ion Screwdriver, (2) 12V Redlithium™ Batteries (48-11-2401), 12V Charger (48-59-2401), Compact Driver Storage Bag (48-55-2401)

Item #	Desc.
MI2401-22	Subcompact Impact Driver Kit

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion 1/4" Hex Impact Driver

M12™ Cordless

- 12V Redlithium ™ battery offers longer run-time and lighter weight; Battery Fuel Gauge displays remaining run-time
- 0-2,000 RPM variable speed trigger; Built-in LED Light
- Includes: 2450-22 M12™ Cordless Lithium-Ion º" Hex Impact Driver, (2) 12V Redlithium™ Batteries 48-11-2401, 12V Charger 48-59-2401, Carrying Case

Item #
MI2450-22

MILWAUKEE ELECTRIC TOOL CORP.

3/8" Drill Driver Kit

M12™ Cordless

The M12™ Cordless Lithium-Ion 3/8" drill driver delivers 250 in-lbs of torque in a compact light weight design. The only tool in its class with an all metal locking chuck, the 2410-22 drills and fastens up to 35% faster than the competition. The on board fuel gauge displays remaining run-time, while a built in LED illuminates work surface.

- 2-Speed all metal gear box - up to 35% faster drilling/fastening and Milwaukee durability
- Powerful Motor: Delivers 250 in/lbs of torque - Up to 25% more torque
- 3/8" Single sleeve ratcheting metal chuck - increased bit retention and durability
- Lightweight and compact - tool belt portable at only 2.5 lbs. and 7-3/8"
- Integrated LED and fuel gauge - increased productivity and decreased frustration
- Includes: (2) M12™ Lithium-Ion batteries, 30-minute charger, carrying case

Item #	Peak Torque (in/lbs)	RPM	Chuck Type	Length (in.)	Weight (lbs.)
MI2410-22	250	0-400/0-1500	3⁄8" Metal Single Sleeve	7 3⁄8	2.5

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Multi-Tool Kit

M12™ Cordless

The M12™ Cordless Lithium-Ion Multi-Tool is one of the most versatile jobsite tools. This 12V cordless oscillating tool is ideal for remodelers, flooring contractors, maintenance repair technicians, and electricians that tackle awkward applications on jobsites. The M12™ Cordless Lithium-Ion Multi-Tool runs 5,000 to 20,000 OPM and allows the user to match the speed to the application. The 12V Oscillating Tool has the versatility to perform a variety of applications; flush or plunge cuts, removing grout or grinding thinset, sanding or scraping. In addition, the new M12™ Redlithium™ battery and Milwaukee's M12™ XC Lithium-Ion battery provide additional run time for the user. The universal adaptor (included in each kit) allows the M12™ Cordless Lithium-Ion to be compatible with most competitive accessories on the market today.

- Application Versatility: Cuts, grinds, sands and scrapes
- Compatible: M12™ Lithium-Ion System with over 25 cordless tools
- Accessory Adaptor (Included): Compatible with most competitive accessories
- Run Time: Redlithium™ batteries offer extended run time
- Durability: All metal gear case
- Variable Speed Dial: Match speed to application
- On board Fuel Gauge: Displays remaining run time
- Includes: 2426 M12™ Cordless Lithium-Ion Multi-Tool, Adapter, Wood Cutting Blade, Sanding Pad, (5) Assorted Sanding Sheets, (2) M12 Redlithium™ Batteries, 30-Minute Charger and Contractor Bag

Item #	Variable Speed	OPM	Length (in.)	Tool Wt. (lbs.)
MI2426-22	12 Settings	5000-20000	10 7⁄8	2.1

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion ProPEX® Expansion Tool Kit

M12™ Cordless

- Built-in Auto Rotate Mechanism for Effortless, One-Handed Use
- Compact, Right Angle Design for Use in Tight Locations
- Paddle Trigger for Easy Reach in Confined Spaces; LED Work Light
- Battery Fuel Gauge Displays Remaining Run-Time; Compatible with Both Compact and XC M12™ Lithium-Ion Batteries
- Includes: 2432 M12™ Cordless Lithium-Ion ProPEX® Expansion Tool, (2) M12™ Redlithium™ Batteries, 30-Minute Charger, 1/2", 3/4", 1" Heads, Grease, Carrying Case

Item #
MI2432-22

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Recip. Saw

M12™ Cordless

Hackzall™

- Only 11" and 2.6 lbs. for cutting in tight spaces
- Keyless Quik-Lok™ Blade Clamp allows for quick and easy blade changes
- Variable Speed Trigger
- Battery Fuel Gauge displays remaining run-time
- Accepts both Hackzall™ and Sawzall® style blades
- 12V Lithium-Ion Battery; Built-In LED Light
- Includes: 2420-20 Hackzall™ M12™ Cordless Lithium-Ion Recip. Saw, (2) 12V Lithium-Ion Batteries (48-11-2401) Packs, 30-Minute Charger (48-59-2401), (2) Hackzall™ Blades, Carrying Case

Item #
MI2420-22

MILWAUKEE ELECTRIC TOOL CORP.

Detection Tool Kit

M12™ Cordless

Sub-Scanner™

- Detects Rebar in Concrete
- Depth (Metal): 6"; Depth (Wood, Metal Stud): 1-1/2"
- Stud Edges & Center
- 5 Year Warranty
- Includes: (1) M12™ Lithium-Ion Battery Pack, 30-Minute Charger, Carrying Case, Manual

Item #
MI2290-21

MILWAUKEE ELECTRIC TOOL CORP.

Digital Multimeter

The Milwaukee Digital Multimeter is a heavy-duty True-RMS meter for professional residential, commercial and industrial applications. The perfect tool for the professional electrician, the 2217-20 offers rugged over-molding for increased durability and grip, a large white on black display for clearer readings, a slide rail system to add proprietary accessories and over-molded dial for easy one handed use. In addition, the new model meets the safety specifications required by the electrical user. Covered by Milwaukee 5-Year Warranty.

- Wide Voltage range to 600 volts AC/DC
- Auto Range to millivolts
- True-RMS for accurate measurement in all applications
- Lo-Z measurement to eliminate ghost voltage
- Frequency measurements from 10Hz to 50kHz
- Contact temperature measurement from -40 to 752°F
- Current Measurement to 10 amps AC/DC
- High Contrast, White on Black Display with Backlight for easy reading
- Rugged over-molding increases durability and user grip
- Includes: Electrical Test Lead Set, Dual Banana Thermocouple, (2) AA Batteries, Manual

Item #	Voltage Range	Safety Rating	Current Range	Contact Temp. Range
MI2217-20	6mV to 600V AC 600mV to 600V DC	CAT III 600V	0.040A to 10.00A AC/DC	-40° F to 752° F

MILWAUKEE ELECTRIC TOOL CORP.

Fork Meter

Alkaline Battery

- Current Range: 200A AC
- Voltage Range: 1,000V AC/DC
- Lo-Z
- Safety Rating: CAT IV 600V/CAT III 1,000V
- Fork Opening: 0.63"
- TRMS
- 5 Year Warranty
- Includes: Electrical Test Lead Set, (2) AA Batteries, Manual

Item #
MI2205-20

MILWAUKEE ELECTRIC TOOL CORP.

Clamp Meter

The Milwaukee Clamp Meter is a heavy duty True-RMS electrical current tester for professional residential, commercial, and industrial applications. The perfect tool for the professional electrician, the 2237-20 Clamp Meter provides a wide 1.3" jaw opening to easily handle large conductors, a thin jaw profile for access to tight spaces and a high contrast white-on-black display for clearer readings. In addition, the Milwaukee Clamp Meter was designed with embedded non-contact voltage detection and an LED work light to increase end user productivity. Covered by Milwaukee 5-Year Warranty.

- Measures up to 600 amps AC/DC, Large 1.30" jaw opening; Thin Jaw Profile for easier wire measurement in panels or in bundles
- Wide Voltage range to 600 AC/DC volts; True-RMS for accurate measurement in all applications
- Built-In Voltage Detector and LED Work Light; Frequency Measurement
- High Contrast, White on Black Display with Backlight for easy reading; Rugged over-molding increases durability and user grip
- CAT III 600V for increased safety
- Includes: Electrical Test Lead Set, (2) AA Batteries, Manual

Item #	Current Range	Voltage Range	Safety Rating
MI2237-20	600A AC/DC	600V AC/DC	CAT III 600V

MILWAUKEE ELECTRIC TOOL CORP.

Clamp Meter for HVAC/R

The Milwaukee Clamp Meter for HVAC/R is a heavy-duty True-RMS electrical current tester for professional residential, commercial, and industrial applications. The perfect tool for the professional HVAC/R technician, the 2236-20 Clamp Meter provides a wide 1.3" jaw opening to easily handle large conductors, a thin jaw profile for access to tight spaces and a high contrast white-on-black display for clearer readings. In addition, the Milwaukee Clamp Meter for HVAC/R was designed with embedded non-contact voltage detection and an LED work light to increase end user productivity. Covered by Milwaukee 5-Year Warranty.

- Measures up to 600 amps AC, Large 1.30" jaw opening; Thin Jaw Profile for easier wire measurement in panels or in bundles
- Wide Voltage range to 600 AC/DC volts
- True-RMS for accurate measurement in all applications; Built-In Voltage Detector and LED Work Light
- Thermocouple (dual banana) input for contact temperature measurement; 600 uA DC for Flame Rectification
- High Contrast, White on Black Display with Backlight for easy reading; Rugged over-molding increases durability and user grip
- Includes: Electrical Test Lead Set, Dual Banana Thermocouple, (2) AA Batteries, Manual

Item #	Current Range	Voltage Range	Safety Rating	Contact Temp. Range
MI2236-20	600A AC	600V AC/DC	CAT III 600V	-40° F to 752° F

MILWAUKEE ELECTRIC TOOL CORP.

Laser Distance Meter

Alkaline Battery

- Distance Range: 0.16' (0.05m) to 197' (60m)
- Basic Accuracy: ± 0.059" (± 1.5mm)
- Display Resolution: 000' 00 in 1/8, 000.00', 00.000 m
- Arithmetic Functions
- 5 Year Warranty
- Includes: (2) AAA Batteries, Carrying Case, Manual

Item #
MI2280-20

MILWAUKEE ELECTRIC TOOL CORP.

Laser Temp-Gun™

- Temperature Range: -20° F to 932° F
- Basic Accuracy: 1.50%
- Distance to Spot: 12 to 1
- Contact Temperature Range: -22° F to 842° F
- 5 Year Warranty
- Includes: (3) AA Batteries, Manual

Item #
MI2266-20

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Copper Tubing Cutter

M12™ Cordless

- Close quarter rotating cutting head cuts pipe in confined spaces
- Automatic adjustment from 3/8" - 1" tubing
- Auto Locking Mechanism delivers up to 200 cuts per charge
- Battery Fuel Gauge displays remaining run-time
- Built-in LED
- 12V Lithium-Ion battery
- Includes: 2471 M12™ Cordless Lithium-Ion Copper Tubing Cutter, (2) 12V Lithium-Ion Batteries, 30-Minute Charger, Carrying Case

Item #
MI2471-22

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Digital Inspection Camera

M12™ Cordless

M-Spector™

- Digital technology delivers superior image quality
- Large, 2.4", high-resolution (320X240) color LCD display; Exclusive adjustable image zoom (2x)
- 3 Stage LED Brightness Control w/ Digital Glare Reduction
- Up front camera controls for true one-hand operation
- Rugged, detachable 3' water-tight flexible shaft; Small camera head and shaft diameter fit into holes as small as 3/4"
- 3' extension cables (Recommended maximum extension is 9')
- Model 2310-21 Includes 12V Lithium-Ion battery, 30-min charger, hard case

Item #
MI2310-21

MILWAUKEE ELECTRIC TOOL CORP.

Compact Lithium-Ion Battery

M12™ Cordless

- Battery Type: Compact Lithium-Ion
- 2 Year Warranty

Item #
MI48-11-2401

MILWAUKEE ELECTRIC TOOL CORP.

XC High Capacity Lithium-Ion Battery

M12™ Cordless

- Battery Type: Lithium Ion
- 2 Year Warranty
- Over-molded Base

Item #
MI48-11-2402

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Battery Charger

M12™

- Charge Time: (48-11-2401) 30 minutes, (48-11-2402) 1-hour
- 5 Year Warranty

Item #
MI48-59-2401

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion 28 Volt 1/2 in. Hammer-Drill

M28™ Cordless

- 1/2" all-metal, single-sleeve, ratcheting chuck with all carbide jaws; Up to 2x run-time of 18V tools
- 600 in.-lbs. of maximum torque
- Chuck type: keyless, metal
- Amp hours: 3.0, Clutch settings: 20, Capacity in steel: 1/2", Capacity in wood: 2-9/16", Length: 10-1/2"
- Includes: (2) M28 Lithium-Ion batteries, charger, side handle, case

Item #
MI0726-22

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion 1/2" Impact Wrench Kit

M28™ Cordless

- 325 ft. lbs. of maximum torque
- Variable speed: 0-1450 rpm, 0-2450 ipm
- Up to 2x run-time of 18V tools
- Torque: 3,900 in.-lbs./325 ft.-lbs.
- No load Speed: 0-1,450 RPM
- No load BPM: 0-2,450
- Includes: Two 28V batteries, one hour charger, carrying hanger bracket, quick change detent kit

Item #
MI0779-22

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Compact 1" SDS Rotary Hammer Kit

M28™ Cordless

- 28 Volt high power reversible motor delivers 4,700 BPM and 2.1 ft.-lbs. of impact energy
- Optimal drilling range in concrete is from 3/16" to 3/4" with a 1" solid bit capacity and 2-1/2" thin wall core bit capacity
- Includes: (2) M28 Lithium-Ion batteries, charger, case

Item #
MI0756-22

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion 6-1/2" Circular Saw Kit

M28™ Cordless

- 4200 RPM
- Electric brake, Spindle lock
- Includes: Two 28V batteries, one hour charger, carrying case, circular saw blade, rip fence, Allen key

Item #
MI0730-22

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Band Saw Kit

M28™ Cordless

- 4-3/4" x 4-3/4" capacity
- LED light
- Includes: Two 28V batteries, one hour charger, carrying case, band saw blade

Item #

MI0729-21

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Sawzall® Reciprocating Saw Kit

M28™ Cordless

- 0-2000/0-3000 SPM for metal or wood cutting
- Quik-Lok™ blade clamp for quick tool-free blade changes
- Keyless shoe adjustment quickly adjusts blade depth
- Includes: Two 28V batteries, One hour charger, Carrying case, Two super Sawzall® blades

Item #

MI0719-22

MILWAUKEE ELECTRIC TOOL CORP.

Work Light

M28™ Cordless

- Clip-Lok™ System ready
- Over 5-hours of run-time on a single charge
- 140° Pivoting Head

Item #

MI49-24-0185

MILWAUKEE ELECTRIC TOOL CORP.

Power-Plus Batteries

Heavy-Duty

- 14.4 volt, 2.4 A-H
- Compatible with all 14.4 volt Milwaukee tools and work lights

Item #

MI48-11-1024

MILWAUKEE ELECTRIC TOOL CORP.

4-Pc. Combo Kit

V28™ Cordless

- 1/2" Hammer-Drill with all-metal, single-sleeve, ratcheting chuck with all carbide jaws
- Sawzall® Recip saw with 1-1/8" stroke length
- 6-1/2" circular saw cuts 2 x 4's at 45°
- Includes: 28V Sawzall® Recip saw, 28V Hammer-Drill, 28V Circular saw, 28V Work light, Two 28V batteries, One hour charger, No. 2 phillips bit, Two Sawzall® blades, Circular saw blade, Rip fence, Clip-Lok™ system, Contractor bag

Item #

MI0928-29

MILWAUKEE ELECTRIC TOOL CORP.

14.4V Caulk/Adhesive Gun

With 10 oz. Carriage Kit

- Powerful 620 lbs. pushing force to dispense highest viscosity materials
- Remote speed dial and trigger switch allow for optimal bead control
- Voltage: 14.4 DC
- No Load Speed: 23 in./min.
- Carriage: 10 oz.
- Includes: One Hour NiCd AC Charger, One 14.4 Volt Battery Pack, 10 oz. Caulk Carriage, Plunger Rod for 10 oz. Caulk Carriage - Sausage Style & Tube

Item #

MI6562-21

MILWAUKEE ELECTRIC TOOL CORP.

Caulk Carriage

Quart Size

For the larger job, this quart size carriage will provide longer run time between tube changes. It fits on all 6560 and 6562 series Milwaukee cordless caulk and adhesive guns. For replacement plunger rod use Milwaukee 49-52-0650.

Item #

MI48-08-1080

MILWAUKEE ELECTRIC TOOL CORP.

Lithium-Ion Battery Pack

M28™

- 3.0 amp hour
- Fuel gauge
- Non-slip grip surface
- Born-on-date and performance optimizing circuit

Item #

MI48-11-2830

MILWAUKEE ELECTRIC TOOL CORP.

Orbital Super Reciprocating Saw

Super Sawzall®

- 13 amp Milwaukee built motor
- Orbital cutting action
- Variable speed trigger, 0-3000 SPM
- 1-1/4" stroke
- Quik-Lok™ blade clamp
- Includes: Saw, blade, case

Item #
MI6536-21

MILWAUKEE ELECTRIC TOOL CORP.

Orbital Reciprocating Saws

360° Rotating Handle

Super Sawzall®

- 360° Rotating Handle
- 13 Amp Milwaukee Built Motor
- Orbital Cutting Action
- Variable Speed Trigger, 0-3000 SPM
- 1-1/4” Stroke
- Quik-Lok™ Blade Clamp
- Dial Speed Control
- Includes: Carrying Case for 13 Amp Orbital Super Sawzall® Reciprocating Saws, Two Super Sawzall® Blades

Item #
MI6523-21

MILWAUKEE ELECTRIC TOOL CORP.

Reciprocating Saw Kit

Sawzall®

- Powerful 12 Amp Motor: Delivers 0-3,000 SPM
- 3/4" Stroke Length:
- Gear Protecting Clutch: Extends gear and motor life by absorbing high impact forces caused by blade lock-ups
- Counter Weighted Mechanism: Provides reduced vibration for smoother operation
- Quik-Lok™ Blade Clamp: Provides fast , tool-free blade changes
- Includes: Sawzall® Recip Saw, Carrying Case

Item #
MI6509-31

MILWAUKEE ELECTRIC TOOL CORP.

10-1/4" Circular Saw

- Powerful 15 Amp, 5,200 RPM Motor
- 3-13/16” Depth of Cut Capacity – Provides enough capacity to cut 4” material
- Aircraft Aluminum Shoe
- Electric Brake - increases productivity by stopping the blade in seconds
- 60° Bevel Capacity
- Includes: Circular Saw, Steel Case, Rip Fence

Item #
MI6470-21

MILWAUKEE ELECTRIC TOOL CORP.

Circular Saw Kits

Heavy-Duty

Tilt-Lok™

- Exclusive adjustable main handle - The 8-position locking handle adjusts to the cutting application for maximum comfort and control
- 15.0 Amp, 3-1/4 maximum horsepower motor
- Includes: Saw with Tilt-Lok handle, carbide blade, hex blade wrench and impact resistant carrying case

Item #
MI6390-21

MILWAUKEE ELECTRIC TOOL CORP.

5.5 Amp 1/2" Hole-Shooter Drill

Heavy-Duty

Magnum®

- Powerful 5.5 AMP motor
- Heavy-duty industrial chucks
- Trigger speed control reversing switches
- 1/2” capacity in steel, 0-850 no load rpm, double gear train

Item #
MI0234-6

MILWAUKEE ELECTRIC TOOL CORP.

7 Amp 3/8” Heavy-Duty Drill

Variable Speed

- Powerful 7.0 amp Milwaukee motor
- Variable speed control
- Capacity in Steel: 3/8”

Item #
MI0200-20

MILWAUKEE ELECTRIC TOOL CORP.

8 Amp 1/2” Heavy-Duty Drill

Variable Speed

- Powerful 8.0 amp Milwaukee motor
- Variable speed control, 0-850 RPM
- Capacity in Steel: 1/2”

Item #
MI0299-20

MILWAUKEE ELECTRIC TOOL CORP.

1/2" Magnum® Drill, 0-850 RPM with All Metal Chuck and Quik-Lok® Cord

- Powerful 8.0 amp motor, 0 to 850 rpm, variable speed control
- Grip strength - exclusive, all metal ratcheting chuck with carbide jaws
- All metal gear case
- 8 ft. 3-wire Quik-Lok® rubber cord
- 360° locking side handle
- Ergonomic tactile grip and two finger trigger for user comfort and balance

Item #	Length (in.)
MI0302-20	12.3

MILWAUKEE ELECTRIC TOOL CORP.

3/8” Hammer-Drills

Heavy-Duty

Magnum®

- Chuck Size: 3/8”
- Amps: 7.0, No Load Speed: 0-2,500 RPM, Chuck Type: Keyless, Metal

Item #
MI0201-20

MILWAUKEE ELECTRIC TOOL CORP.

1/4” Electric Pistol Drill

Magnum®

- For bits 1/4” in diameter or less, speed adds to productivity and quality of performance
- Powerful 7.0 amp motor, 0 to 4000 rpm, variable speed control
- Heavy-duty keyed chuck; Chuck Size: 1/4”
- Includes: Chuck Key with Holder

Item #
MI0101-20

MILWAUKEE ELECTRIC TOOL CORP.

1/2” Compact and Super Hole-Shooter Drills

Heavy-Duty

- Extra long switch handle and pipe handle allow maximum leverage for drilling, reaming large holes and added control
- Capacity in Steel: 1/2”, Volts: 120 VAC, Current Rating: 7.0 amps, RPM at No Load: 650, Gear Train: Double, Spindle Diameter and Thread: 5/8“ - 16

Item #
MI1610-1

MILWAUKEE ELECTRIC TOOL CORP.

7 Amp 1/2” Compact Drills

Heavy-Duty

- Extra long switch handle and pipe handle allow maximum leverage for drilling, reaming large holes and added control
- Capacity in Steel: 1/2”, Volts: 120 AC Only, Amps: 7, No Load RPM: 900

Item #
MI1630-1

MILWAUKEE ELECTRIC TOOL CORP.

7 Amp 1/2" Compact

Hole-Shooter Drill

- Extra long switch handle and pipe handle afford maximum leverage for drilling or reaming large holes
- 1/2” capacity in steel, 7 amps, No Load RPM: 450, Gear Train: Triple

Item #
MI1660-6

MILWAUKEE ELECTRIC TOOL CORP.

10 Amp 3/4" Super Hole-Shooter Drills

Heavy-Duty

- Extra long switch handle and pipe handle afford maximum leverage for drilling or reaming large holes
- 3/4” capacity in steel
- 10 amps, 350 no load rpm, triple gear train

Item #
MI1854-1

MILWAUKEE ELECTRIC TOOL CORP.

1/2” Heavy-Duty Drills

Hole-Hawg®

- Reversing; 2 speed gear shift; Built-in hi-tech electronic switching and speed control components
- Power and torque, reversing, compact design for drilling between studs and joists; Triple reduction gearing handles up to 4-5/8" self-feed bits
- Capacity in Steel: 1/2”, Current Rating: 7.5 amps, RPM at No Load: 300/1200

Item #
MI1675-6
MI1676-6

MILWAUKEE ELECTRIC TOOL CORP.

1/2” Electric Right Angle Drill

Super-Hawg®

- The 1/2” Super Hawg™ has power and speed for drilling holes of all sizes in wood frame construction
- The 13 amp motor has two operating speeds of 1750 and 450 rpm with a clutch in the low gear range
- 90° left-right, Roto-Lok® handle for maximum operating comfort
- Chuck Size: 1/2”; Chuck Type: Keyed; Self-Feed Bit Capacity: 1"-4-5/8", Length: 22”

Item #
MI1680-20

MILWAUKEE ELECTRIC TOOL CORP.

1/2” Heavy-Duty Drills

Super-Hawg®

- 2 speed; 1750 rpm, 450 rpm
- 13 amp motor; Low speed clutch protects gear train
- Rotating handle - Roto-Lok® 90° left/right rotation for most comfortable grip position
- Capacity in Steel: 1/2”

Item #
MI1680-21

MILWAUKEE ELECTRIC TOOL CORP.

1/2” D Handle Drills

Heavy-Duty

- 1/2" trigger speed control reversing; 7.0 amp Milwaukee motor
- Capacity in Steel: 1/2”, Current Rating: 7.0 amps, Spindle Diameter and Thread: 1/2” - 20

Item #	No Load RPM	Gear Reduction
MI1107-6	0 - 500	Triple
MI1250-1	0 - 1000	Double

MILWAUKEE ELECTRIC TOOL CORP.

1/2” Right Angle Drills

Heavy-Duty

- 1/2" trigger speed control reversing; 7 amp Milwaukee motors
- Helical cut, heat treated gears
- Capacity in Steel: 1/2”, Volts AC Only: 120

Item #	No Load Drill Only RPM	Gear Train	RPM W/ Rad Low Side	RPM W/ Rad High Side
MI3107-6	0-500	Quadruple	0-335	0-750

MILWAUKEE ELECTRIC TOOL CORP.

1/2" Right Angle Drill Kits

- 1/2" trigger speed control reversing
- Variable speed, control reversing except (single speed reversing)
- Head and handle swivel 360°

Item #	Amps	Low Side RPM with Rad	High Side RPM with Rad
MI3002-1	7.0	0 - 400	0 - 900

MILWAUKEE ELECTRIC TOOL CORP.

3/8” Angle Drills

- Metal framed gear train for longer gear life
- Chuck Size: 3/8; Amps: 3.5
- No Load Speed: 0-1,300 RPM
- Chuck Type: Keyed; Chuck Key W/ Holder

Item #
MI0370-20

MILWAUKEE ELECTRIC TOOL CORP.

Electric Screwdriver

General Purpose

- Powerful 6.5 amp motor, 0 to 2500 rpm, variable speed control; Ramp-off depth locator for easy depth adjustments
- Includes: Tek Locator Assembly, 5/16” Magnetic Hex Socket, Belt Clip

Item #
MI6790-20

MILWAUKEE ELECTRIC TOOL CORP.

6.5 Amp General Purpose Screwdrivers

Heavy-Duty

- Powerful 6.5 amp Milwaukee motor; 2 Ramp-off depth locators for drywall and self-drill fasteners
- Amps: 6.5, No Load RPM: 0-2500, Bit Shank Size: 1/4 hex in.

Item #
MI6791-21

MILWAUKEE ELECTRIC TOOL CORP.

Impact Wrenches

Heavy-Duty

- 7.0 amps
- Square drive, double insulated, reversing
- Forward/reverse rocker switch (AC/DC) is ideal when frequent reversing is necessary
- Variable speed switch offers added control for drilling in wood or driving lag bolts
- Trigger speed control switch includes speed limiting dial for setting desired speed/torque
- Size: 1/2", Impacts Per Minute: 2600, RPM at No Load: 1800, Torque: 300 ft.-lbs.

Item #
MI9070-20

MILWAUKEE ELECTRIC TOOL CORP.

3/4" Impact Wrench

With Rocker Switch

- 7.0 AMPS
- 1,750 RPM
- 2500 IPM
- 380 ft/lbs torque
- 3/4" Impact Wrench with rocker switch and detent pin socket retention
- AC/DC rocker switch for quick selection of forward and reverse

Item #
MI9075-20

MILWAUKEE ELECTRIC TOOL CORP.

4-1/2" Angle Grinders

7.5 AMP - Paddle Switch

- 7.5 Amp, 825 Max Watts Out Motor
- 25% Longer Lasting Epoxy Protection - extends motor life by protecting the copper wire from abrasion
- Multi-Port Exhaust - reduces motor burn-up by efficiently venting hot air out of the grinder
- X-Large Paddle Switch
- Tool Free, Burst Resistant Guard
- Speed RPM: 10,000
- Includes: Side handle, 4-1/2" wheel, guard, wrench, flanges

Item #
MI6140-30

MILWAUKEE ELECTRIC TOOL CORP.

4-1/2" Angle Grinders

10.0 AMP - Paddle Switch

With Contractor Bag

- 10.0 Amp, 1250 Max Watts Out Motor
- Multi-Port Exhaust - reduces motor burn-up by efficiently venting hot air out of the grinder
- 25% Longer Lasting Epoxy Protection - extends motor life by protecting the copper wire from abrasion
- Soft-Grip 3-Position Handle; Tool Free, Burst Resistant Guard
- Speed RPM: 10,000
- Includes: Slide Handle, 4-1/2" Wheel , Type 27 Guard, Spanner Wrench, Flanges, Contractor Bag

Item #	Desc.
MI6148-30	Paddle w/Lock-on

MILWAUKEE ELECTRIC TOOL CORP.

12 Amp 4-1/2"/5" Small Angle Grinder

- 12.0 Amp, 1490 MWO Motor
- Advanced Electronics - includes ESO: Electronic Shut-Off, CPT: Constant Power technology, OLP: Overload Limit Protection
- ESO: Electronic Shut-Off -shuts down the grinder when the wheel is stalled in a pinch providing greater control and reduced tool damage
- 10,000 RPM
- Soft Grip 3-Position Handle; Tool Free, Burst Resistant Guard
- 4-1/2" & 5" Type 27 Guard Included- for added productivity
- Includes: Side Handle, 4-1/2" & 5" Type 27 Guard, Spanner Wrench, Flanges

Item #	Desc.
MI6116-30	Paddle w/Lock-on

MILWAUKEE ELECTRIC TOOL CORP.

12 Amp 4-1/2"/5" Small Angle Grinder- Paddle (Non Lock-on)

- 12.0 Amp, 1490 MWO Motor
- Advanced Electronics - includes ESO: Electronic Shut-Off, CPT: Constant Power technology, OLP: Overload Limit Protection
- ESO: Electronic Shut-Off - shuts down the grinder when the wheel is stalled in a pinch providing greater control and reduced tool damage
- 10,000 RPM
- Soft Grip 3-Position Handle-provides optimal control during various applications
- Tool Free, Burst Resistant Guard
- 4-1/2" & 5" Type 27 Guard Included
- Includes: 6116-31, Side Handle, 4-1/2" & 5" Type 27 Guard, Spanner Wrench, Flanges

Item #
MI6116-31

MILWAUKEE ELECTRIC TOOL CORP.

7" Angle Grinder

- Powerful 4.0 maximum horsepower, 15 amp motor
- 7” or 9” capacity, 6000 RPM, 120 volts AC-DC
- Two-finger lock-on switch
- Angled handles for more natural hand positions
- Grinder may be converted to sander by using the proper backing pad assembly

Item #
MI6088-20

MILWAUKEE ELECTRIC TOOL CORP.

Guard for Grinding Discs

Type 27

- This guard can be rotated around the gear case shoulder to offer optimum protection to the operator
- No tools required to change/adjust guard

Item #	Size (in.)
MI49-12-0365	4½

MILWAUKEE ELECTRIC TOOL CORP.

4.5 Amp Die Grinder

2”, Heavy-Duty

- 2” diameter powerful and smooth running
- For mounted wheels and points up to 1-5/8”
- Reinforced wheels up to 2”
- 4.5 amp, 21,000 rpm

Item #
MI5192

MILWAUKEE ELECTRIC TOOL CORP.

4.5 Amp Die Grinder

2”, Double Insulated

- 2” diameter powerful and smooth running
- For mounted wheels and points up to 1-5/8”
- Reinforced wheels up to 2”
- 4.5 amp, 21,000 rpm

Item #
MI5194

MILWAUKEE ELECTRIC TOOL CORP.

3" Diameter Straight Grinder

- 14,500 no-load rpm, 11 amp
- 3 in. diameter wheel
- Coated spindle housing for cool gripping surface
- Hinged face plate for quick easy wheel replacement
- Includes: 3" Diameter Straight Grinder, Wheel Guard, 9/16" Wrench, 1" Wrench

Item #	Length (in.)	Wheel Size (in.)	Hole Dia. (in.)	Spindle Thrd. Size
MI5211	21	½ x 3	⅜	⅜”-24

MILWAUKEE ELECTRIC TOOL CORP.

Band File

Heavy-Duty

- Double Insulated with on/off paddle switch
- Grind, Deburr, Blend, Clean, Polish, Surface, Condition
- 5.5 Amp Motor
- 1/2" x 18" Contact Arm
- 180º Adjustable Head

Item #
MI6101-6

MILWAUKEE ELECTRIC TOOL CORP.

Dial Speed Control Polishers

- Dial speed control - Exclusive Milwaukee electronic speed control in powerful 11 amp polishers, ideal for clearcoat finishes

Item #	Pad Dia.	Amps	Speed (No Load)
MI5460-6	7⁄9	11	0 - 1750
MI5540	7	11	0-2800

MILWAUKEE ELECTRIC TOOL CORP.

Heavy-Duty Polishers

- 11.0 Amps
- 0-1750 RPM
- Single speed
- Includes: Side handle, one 7" rubber backing pad, disc nut and nylon washer

Item #
MI5455

MILWAUKEE ELECTRIC TOOL CORP.

Deep Cut Band Saw

- Industry Leading 10.5 Amp Motor
- 0-420 SFPM
- 4-7/8" Cutting Capacity
- Variable Speed Dial & Trigger - adjusts the speed for different materials
- Multi-Grip T-Handle
- Rear Blade Guard
- Adjustable Material Guide - durable steel guide that is adjustable for different materials
- 2-Finger Variable Speed Trigger
- Case included with MI6232-6N

Item #
MI6230N
MI6232-6N

MILWAUKEE ELECTRIC TOOL CORP.

Deep Cut Band Saw -AC/DC

- Industry Leading 10.5 Amp AC/DC Motor
- 420/320 SFPM
- 4-7/8" Cutting Capacity
- Hi/Lo Speed Switch
- Multi-Grip T-Handle
- Rear Blade Guard - 30% thicker steel
- Adjustable Material Guide
- Case included with 6238N

Item #
MI6236N
MI6238N

MILWAUKEE ELECTRIC TOOL CORP.

Compact Band Saw

- 45% Lighter than Deep Cut - 9.5 Lbs compact light weight design for cutting overhead and in tight places
- 200-360 SFPM Variable Speed Dial
- 3-1/4” Cut Capacity – cuts most common materials for Electrician, Plumber and Mechanical cutting applications, single pass cut on 3” copper, 3” angle iron, 2-1/2” conduit
- Tool-Free Adjustable Material Shoe
- LED Work Light
- Blade Ejection System-Quickly change the blade
- Drop Resistant Pulley Guard
- Cast Aluminum Gear Case

Item #
MI6242-6

MILWAUKEE ELECTRIC TOOL CORP.

Portable Drilling Machine Kit

Magnetic

Compact Model No. 4270-21

- Powerful 1.1 max HP - 9.0 Amp
- Milwaukee Motor - enables drilling with up to 1-1/2" diameter annular cutter and 2" depth of cut (D.O.C.)
- Accepts 3/4" diameter shank annular cutters; 1/2" dia. twist bit capacity with a 4-1/4" D.O.C
- Two position tool-less feed handle can be easily mounted to either side to allow for optimum drilling positions
- High strength magnet; Speed: 450 RPM

Item #
MI4270-21

MILWAUKEE ELECTRIC TOOL CORP.

3/4" Motor for Electromagnetic Drill Press

- 12.5 Amps maximum rating; Solid state electronic switching
- Feedback speed control; Computer controlled reverse
- Line Lock-Out prevents tools from operating should voltage be restored to an interrupted line when switch is locked in the "on" position
- Motor/Magnet interlock; Automatic base/chip de-mag; Soft-start

Item #
MI4262-1

MILWAUKEE ELECTRIC TOOL CORP.

Electromagnetic Base

12.5 Amp, Fixed Position

- Base only fixed position, variable speed base 9" drill travel
- Feedback speed control; Computer controlled reverse
- Line Lock-Out prevents tools from operating should voltage be restored to an interrupted line when switch is locked in the "on" position
- Automatic base/chip de-mag

Item #
MI4202

MILWAUKEE ELECTRIC TOOL CORP.

Electromagnetic Drill Presses

Heavy-Duty

- Base control panel includes variable speed adjusting for motor; Automatic base/chip demag, automatic electronic soft start
- Line lock-out - Prevents tool from operating should voltage be restored to an interrupted line when switch is locked in the "on" position
- 3 jaw chuck, 350 RPM
- Includes 4262-1 motor and 4202 base

Item #	Drill (in.)	*Drill Point Pressure (lbs.)
MI4210-1	¾	1630

MILWAUKEE ELECTRIC TOOL CORP.

18 Gauge Shears

- 6.8 amp Milwaukee motor, trigger speed control: 0-2,500 rpm spindle speed
- 360° swivel head
- Capacity - in Steel: 18 Ga., in Stainless: 20 Ga.
- Trigger Lock, Minimum Cutting Radius: 7”

Item #
MI6852-20

MILWAUKEE ELECTRIC TOOL CORP.

Electric Nibbler

16 Gauge

- Cutter can be set in 8 positions to make cutting easier
- Can cut 16 gauge steel and 18 gauge stainless
- Amps: 4.0, Capacity: in Steel - 16 Ga.; in Stainless - 18 Ga.

Item #
MI6890

MILWAUKEE ELECTRIC TOOL CORP.

14" Dry-Cut Saw

15 Amps

- Powerful 4.8 max HP motor, 15 amp motor (1,500 rpm)
- Tool-free fence and vise system
- Bevel Capacity: 45°, Capacity in O.D. Pipe: 5-3/8", Capacity in Square Stock: 5", Maximum Opening: 8"

Item #
MI6190-20

MILWAUKEE ELECTRIC TOOL CORP.

Cut-Off Machine Saws

14" Abrasive

- Powerful 15 amp motor designed for maximum cutting efficiency
- 5" pipe cutting capacity
- Quick Release Locking Vise:

Item #
MI6176-20

MILWAUKEE ELECTRIC TOOL CORP.

8" Circular Saw

For Metal Cutting

- Dry-cut technology provides faster, cleaner, more affordable metal cutting
- Durable blade shield with integral chiptank deflects/collects hot chips and sparks
- 2-9/16” cut depth
- Powerful 13.0 amp, 3,700 rpm motor
- Premium cermet-tipped blades cut faster, cleaner, and longer

Item #
MI6370-21

MILWAUKEE ELECTRIC TOOL CORP.

Heat Gun

- Unique impact resistant heating element
- Rotate rear housing to select temperature ranges 140 degrees F-1040 degrees F
- 11.6 amps, 14.8 air volume cu. ft. min.

Item #
MI8977-20

MILWAUKEE ELECTRIC TOOL CORP.

Heavy-Duty Heat Gun

- Dual temperature 570°F and 1000°F
- 3 position rocker switch - off, high and low
- Impact resistant heating element
- Current Rating: 11.6 A, Air Volume: 14.8 cu. ft. min.

Item #
MI8975-6

MILWAUKEE ELECTRIC TOOL CORP.

11.6 Amp Heavy-Duty Heat Gun Kit

- Impact resistant heating element
- Dual temperature 570° F and 1000° F
- Amps: 11.6, Air Volume Cu. Ft. Min.: 14.8, Air Temperatures deg. F: 570 and 1000

Item #
MI8980

MILWAUKEE ELECTRIC TOOL CORP.

Right Angle Attachment

- Compact design allows work in tight areas
- Durable all metal housing and steel gears
- Accepts standard 1/4” hex shank bits

Item #
MI49-22-8510

MILWAUKEE ELECTRIC TOOL CORP.

33º Angle Drive Kit

- Stretches drilling reach up to 30”
- Allows drilling up to 2-9/16” diameter holes
- Use 33º angle drive with 30” extension only

Item #

MI48-06-2860

MILWAUKEE ELECTRIC TOOL CORP.

30” Right Angle Drive Extension

- Comes complete with 30” extension tube, drive shaft with hex socket on both ends, two clamping collars and a side handle
- 30” extension

Item #

MI48-95-0400

MAKITA USA

18V Impact Hammer DriverDrill Kit

LXT Lithium-Ion Hybrid™

- Capacity: Hex Shank 1/4"
- Impact: No Load RPM 0-2,300; Impacts/Min.(IPM) 0-3,200; Torque (in.-lbs.) 1,280
- Hammer Drill Blows/Min.(BPM): Low 0-2,300; High 0-27,600
- Drill No Load RPM: Low 0-700; High 0-2,300
- Driver: Clutch Settings 16
- Hybrid™ 4-function tool
- Includes: 2 LXT Lithium-Ion 3.0 Ah Batteries (194205-3), 45-minute Optimum Charger (DC18SC), Tool Case (8247535)

Item #

MABTP140

MAKITA USA

18V Impact Driver

LXT Lithium-Ion

- LXT Lithium-Ion
- Capacity: Hex Shank 1/4
- No Load RPM: 0-2,300; Impacts/Min.(IPM): 0-3,200
- Torque (in.-lbs.): 1,330
- Ergonomic shape fits like a glove with even pressure and easy control
- Built-in LED light
- 30-minute rapid optimum charge
- Includes: 2 Lithium-Ion 3.0 Ah batteries (BL1830), 1 Rapid Optimum Battery Charger (DC18RA), Tool Case (824753-5), Rugged Tool Belt Hook (324705-1), Plastic Battery Cover (450128-8)

Item #

MABTD141

MAKITA USA

18V 1/2" Driver-Drill Kit

LXT Lithium-ion

- Chuck (metal): 1/2"
- Capacity: Steel: 1/2"; Wood: 2-9/16"
- No Load RPM: Low: 0-300; Mid: 0-600; High: 0-1,700
- LXT Lithium-Ion
- Two built-in LED lights
- 3-Speed design produces 25% faster working speed with more efficiency in a wider range of applications
- Shift-Lock™ drive system quickly shifts from "hammer drill" to "driver" mode

Includes:

- 2 LXT Lithium-Ion 3.0 Ah Batteries (194205-3)
- 45-Minute Optimum Charger (DC18SC)
- Screwdriver Bits (784637-8)
- Carrying Case (824754-3)

Item #

MABDF451

MAKITA USA

18V 1/2” Hammer Driver-Drill Kit

LXT Lithium-Ion

- Capacity: In Steel - 1/2”; In Wood - 2-9/16”; In Masonry - 5/8”
- 2-Speed all metal transmission (0-400 / 0-1. 700 RPM)
- Shift-Lock™ drive system quickly shifts between modes
- 2 Trigger-forward built-in LED lights
- Includes: 2 ea. 18V LXT Lithium-Ion 3.0 Ah Battery (BL1830), 1 Rapid Optimum Battery Charger (DC18RA), Tool Case (824753-5), Tool Belt Clip (324705-1), Side Handle (450651-3), Depth Gauge (322223-3), Bit Holder (419276-2), Screwdriver Bits (784637-8), Plastic Battery Cover (450128-8)

Item #

MABHP454

MAKITA USA

18V Compact 1/2” Driver-Drill Kit

- Capacity: Steel 1/2"; Wood 1-1/2"
- No Load RPM: Low 0-450; High 0-1,500
- Max Torque (in.-lbs.): 450; PTI Torque (in.-lbs.): 285
- More compact design at only 8” long
- Makita Lithium-Ion provides longer run time, 5x lower self-discharge (for use any time) & 16 firm holding contact terminals (for constant high power)
- Built-in LED light illuminates the work area
- Accepts all Lithium-Ion slide-style batteries
- Includes: 2 Compact Lithium-Ion Batteries (194309-1), 15-Minute Rapid Charger (DC18RA), Tool Case (824774-7)

Item #
MABDF452HW

MAKITA USA

18V 1/2" Impact Wrench Kit

Lithium-Ion

- Capacity: Square Drive 1/2"
- No Load RPM: 1,600
- Impacts/Min.(IPM): 2,200
- Makita-built motor delivers 325 ft. lbs. of torque
- Large rocker switch for easier tool usage
- Single LED light
- Includes: Tool Hook and Screw (345736-7 & 251314-2), Contractor Bag (821007-X), 2 Lithium-Ion 3.0Ah Batteries (BL1830), 1 Rapid Optimum Battery Charger (DC18RA), Plastic Battery Cover (450128-8)

Item #
MABTW450

MAKITA USA

18V Impact Driver Kit

LXT Lithium-Ion

- Capacity: Hex Shank 1/4"
- No Load RPM: 0-2,300; Impacts/Min.(IPM): 0-3,200
- Torque (in.-lbs.): 1,280
- 15-minute rapid optimum charger and battery
- 15-minute rapid optimum charger has a built-in fan to cool the battery to produce more lifetime work
- Built-in LED light
- Compact Lithium-Ion Batteries (194309-1), 15-Minute Rapid Charger (DC18RA), Tool Case (824774-7)

Item #
MABTD142HW

MAKITA USA

18V 5-3/8" Metal Cut Saw

Lithium-Ion

- Blade Diameter: 5-3/8"
- Arbor: 5-8"
- No Load RPM: 3,400
- Max. Cutting Depth: 2"
- Cuts Unistrut® all thread, channel, corrugated, conduit, pipe, sheet metal, square tubing, steel and more
- Built-in LED lights
- Includes: 2 LXT Lithium-Ion 3.0 Ah Batteries (194205-3), Rapid Charger (DC18RA), Carbide-Tipped 30T Blade (A-94518), Tool Case

Item #
MABCS550

MAKITA USA

18V Portable Band Saw Kit

LXT Lithium-ion

- Maximum cutting capacities: Round Workpiece: 4-3/4"þ; Rectangular Workpiece: 4-3/4" X 4-3/4"þ
- Makita-built motor, 6-setting variable speed dial at 275 - 530 ft./min.
- Adjustable foot protects material & provides positive support for accurate cuts
- Two built-in LED lights
- Built-in protective rubber bumpers
- Built-in skyhook

Specifications:

- No load speed: 275-530 Ft./Min.þ
- Watt hours: 54.0þ
- Battery: 18VDC (3.0Ah)þ
- Overall length: 20-5/8"
- Includes: 2 LXT Lithium-Ion 3.0Ah Batteries (194205-3),45-Minute Optimum Charger (DC18SC), Blade (792559-8), Tool Case (824766-6)

Item #
MABPB180

MAKITA USA

18V Recipro Saw

LXT Lithium-Ion

- Max. Cutting Depth : Pipe 5-1/8"; Wood (w/12" blade) 10"
- Length of stroke: 1-1/8"
- Strokes/Min.(SPM): 0-2,900
- Two built-in LED lights
- One-handed, fast tool-less blade changes and shoe adjustments
- Retractable hook allows tool to remain close-by, but never in the way
- Includes: 2 LXT Lithium-Ion 3.0Ah Batteries (194205-3), 45-Minute Optimum Charger (DC18SC), Blade, Carrying Case (8247608)

Item #
MABJR181

MAKITA USA

18 Volt 3/8” Angle Drill

LXT Lithium-Ion

- Variable speed (0-1,800 RPM)
- 3/8" keyed metal chuck
- Built-in LED light
- Easy to handle large paddle switch with soft grip
- Includes: 2 ea. 18V LXT Lithium-Ion 3.0 Ah Battery (BL1830), 1 Rapid Optimum Battery Charger (DC18RA), Contractor Bag (821007-X), Plastic Battery Cover (450128-8), Chuck Key Holder (450688-0), Chuck Key (763415-9)

Item #
MABDA350

MAKITA USA

18 Volt Jig Saw Kit

LXT Lithium-Ion

- Accepts "T" (Tang) shank blades
- Length of stroke: 1"
- Max. Cutting Capacity: Wood 5-5/16"; Steel 3/8"
- Cut Settings: 3 Orbital +, Straight Cutting
- Strokes/Min.: 0 - 2,600 SPM
- Bevel Capacity: 45°
- Low vibration and noise level for more control and comfort
- 4-Pole Position cut settings (3 Orbital and 1 Straight)
- Built-in LED lights
- "Tool-less" push-in lock system for extremely fast blade installation and removal
- Includes: 2 Lithium-Ion batteries, charger, blade set, bag

Item #
MABJV180

MAKITA USA

18V Grinder-Tool Only

LXT Lithium-Ion

* BARE TOOL ONLY

- Makita built produces 50% faster grinding with an impressive 10,000 RPM
- Built-in electronic control circuit with LED warning lights for overload protection
- Slide switch with lock-on

Item #
MABGA452Z

MAKITA USA

18V Rechargeable Flashlights

LXT Lithium-Ion

- 4-positon head pivots for greater versatility
- High illumination emits high power at 4,500 Lux; New Xenon bulb for extra brightness
- Uses LXT Lithium-Ion battery

Item #
MABML185

MAKITA USA

18V 2-Piece Combo Kit

LXT Lithium-Ion

- 18V LXT Hammer Drill BHP454
- 18V LXT Impact Driver BTD141
- 2-Speed 1/2” hammer drive-drill (0-400/0-1,700 RPM) with Makita - built 4-pole motor delivers 560 in. lbs. of torque; Variable speed impact driver (0-2,300 RPM) provides 1,330 in. lbs. of torque
- 30-minute rapid optimum charger
- Includes: 2 ea. LXT Lithium-Ion 3.0Ah batteries (BL1830), 1 rapid optimum battery, charger (DC18RA), tool case (8248125-5)

Item #
MALXT218

MAKITA USA

18V Compact 2-Piece Combo Kit

Lithium-Ion

- 1/2” Drill BDF452
- Impact BTD142
- 1/2” driver-drill delivers 450 in. lbs. of torque; Impact driver provides 1,280 in. lbs. of maximum torque
- Includes: 2 Lithium-Ion 1.5Ah batteries (BL1815), 5-minute rapid charger (DC18RA), contractor bag (831274-0)

Item #
MALCT200W

MAKITA USA

18V Compact 2-Piece Combo Kit

Lithium-Ion

- 18V LXT Impact Driver BTD141
- 18V 1/2" LXT Hammer Driver-Drill BHP452
- 2-Speed 1/2" hammer driver-drill (0-400 / 0-1,500 RPM) with Makita-built 4-pole motor delivers 450 in. lbs. of torque
- Variable speed impact driver (0-2,300 RPM) provides 1,330 in. lbs. of torque
- Includes: 2 ea. LXT Lithium-Ion 3.0 Ah Batteries (BL1830), 1 30 Min. Rapid Optimum Battery Charger (DC18RA), Tool Case (824812-5)

Item #
MALXT211

MAKITA USA

18V 4-Piece Combo Kit

Lithium

- 1/2” Drill BHP452
- Impact BTD141
- Sawsall BJR1822
- 1/2" hammer driver-drill has a new 4-pole motor for 450 in. lbs. of torque
- Impact driver is 40% more compact, 1,280 in. lbs. of torque with 0-3,200 IPM
- Reciprocating saw with tool-less blade changes & shoe adjustments, skyhook
- 4-position flashlight with Xenon bulbs
- Includes: 2 LXT Lithium-Ion 3.0Ah batteries (BL1830), 30-minute rapid charger (DC18RA), contractor bag

Item #
MALXT407

MAKITA USA

18V 6-Piece Combo Kit

LXT Lithium-Ion

- 1/2” Hammer Drill BHP452
- Impact BTD141
- 6-1/2” Circular Saw BSS611
- Sawsall BJR182
- 4-1/2” Grinder BGA452
- 1/2" hammer driver-drill has a new 4-pole motor for 560 in. lbs. of torque
- 6-1/2" circular saw has a D35 high torque motor, built-in blower
- Recipro saw with tool-less blade changes and shoe adjustments, skyhook
- Impact driver is 40% more compact, 1,280 in. lbs. of torque with 0-3,200 IPM
- 4-1/2" cordless cut-off/angle grinder
- 4-position flashlight with Xenon bulbs
- Includes: 2 LXT Lithium-Ion 3.0Ah batteries (194205-3), 45-minute optimum charger (DC18SC), contractor bag with wheels

Item #
MALXT601

MAKITA USA

18V 7-Piece Combo Kit

- 18V LXT 1/2" Hammer Driver-Drill BHP452
- 18V LXT 6-1/2" Circular Saw BSS611
- 18V LXT Recipro Saw BJR182
- 18V LXT Impact Driver BTD141
- 8V LXT 4-1/2" Cut-Off/Angle Grinder BGA452
- 8V LXT Flashlight BML185
- FM/AM Job Site Radio BMR100W
- 1/2" hammer driver-drill has a 4-pole motor for 450 in/lbs of torque
- 6-1/2" circular saw has a D35 high torque motor
- Reciprocating saw with tool-less blade changes & shoe adjustments
- Impact driver is 40% more compact, 1,330 in. lbs. of torque with 0-3,200 IPM
- 4-1/2" cordless cut-off/angle grinder, 10,000 RPM
- 30-minute rapid optimum charger; 4-position flashlight with Xenon bulbs
- Rugged FM/AM job site radio with 10 pre-set buttons and MP3 compatible (auxiliary jack)
- Includes: 2 ea. LXT Lithium-Ion 3.0 Ah batteries (BL1830), 1 rapid optimum battery charger (DC18RA), contractor bag with wheels and telescoping handle (831269-3)

Item #
MALXT702

MAKITA USA

18V Concrete Vibrator

LXT Lithium-Ion

- Vibrator Diameter: 1"; Vibrator Length: 8-11/16"
- Shaft Length: 4' ; Overall Length: 58-1/2"
- No Load Vibrations Per Minute: 13,000
- Makita built motor produces 12,500 VPM to help increase strength of concrete
- More compact design at only 58-1/2" long and weighs only 8.2 lbs.
- Ergonomic dual directional switch to conveniently hold the tool either horizontal or vertical positions
- 45-minute optimum charger; Built-in LED light
- 1" diameter head supported by dual ball bearing
- Includes: 2 LXT Lithium-Ion 3.0 Ah batteries (194205-3), 45-minute optimum charger (DC18SC), tool case (824768-2)

Item #
MABVR450

MAKITA USA

18V LXT Lithium-Ion Battery

- LXT Lithium-Ion Batteries
- Built-in Memory Chip: Memorizes the usage history & communicates with the charger
- Anytime Charge: Lithium-Ion batteries have no memory effect and can be charged at any time
- 1.5 Amp Hour

Item #
MABL1815

MAKITA USA

18V LXT Lithium-Ion Battery

BL1830

- Charging at any time will have no effect on the battery; built-in shock absorbing features protect the battery
- Battery's built-in memory chip communicates with the charger to maximize battery life using 3 active controls (Current, Voltage & Thermal)

Item #
MABL1830

MAKITA USA

9.6V Cordless Reciprocating Saw

- 9/16” Stroke; Speed: 2700 SPM
- Uses special blade for maximum efficiency
- Cuts wood, mild steel and more; compact and lightweight for easy handling
- MODEL 4390DW includes: battery, charger, 1 ea. blade (792540-9, 792541-7), hex wrench
- Cutting Capacities: Soft wood-15/16”, Hard wood-1/2”, Pipe: 1-5/8”x5/64”

Item #
MA4390DW

MAKITA USA

7.2V Cordless Impact Driver Kit

Lithium-Ion

- 2,300 RPM and 3,000 IPM
- Convenient 1/4" hex chuck for quick bit changes ; built-in LED light; operates in straight or pistol grip positions
- Includes: 2 7.2V batteries, charger, bit set, holster, bag

Item #
MATD020DSEW

MAKITA USA

Reciprocating Saws

- Anti-Vibration Technology (AVT) gives unmatched comfort
- Clutch: The clutch protects the gears should the blade bind adding life to the tool; orbital action
- Variable Speed Preset Dial: 6 different preset speeds to match the speed of the saw to the application
- Electronic Speed Control: The blade can be inserted with one hand and ejected without touching the hot blade

Item #	Amps
MAJR3070CT	15

MAKITA USA

10" Dual Slide Compound Miter Saw

- Built-in laser with micro fine adjustments clearly indicates line of cut; independent switch allows laser to be seen independently of blade rotation
- Dual steel rails supported by linear ball bearings ensure stable, accurate cutting
- Powerful, direct drive 15 AMP motor
- Bevel positive stops at 33.9° and 45° left with 45° right
- Long slide track and wide pivot angle allow cross cuts up to 4x12 material
- Blade Diameter: 10"; Arbor: 5/8"; No Load RPM: 3,700

Item #
MALS1016L

MAKITA USA

12” Dual Slide Compound Miter Saw

With Laser

- 15.0 Amps
- Large cutting capacity for up to 8" crown molding (nested), 6-1/2" baseboard (vertical), and 15" crosscut at 90°
- Compact design with a patented 4-Steel Rail Sliding System further increases rigidity to produce superior cuts
- Exclusive 5-1/2" tall dual sliding fence system features versatile upper and lower fence adjustments for more precise miter and bevel cuts
- Miters 0°-52° left and 0°-60° right, with positive stops at 0°, 15°, 22.5°, 31.6° and 45° (left and right)
- Bevels 0°-45° (left and right) with positive stops at 0°, 22.5°, 33.9° and 45° (left and right)

Item #
MALS1216L

MAKITA USA

15 Amp Table Saw

- Right extension table allows for greater cutting capacity with the capability to rip 4X8 sheets of plywood
- Large cutting capacity (3-5/8" at 90º and 2-1/2" at 45º)
- Powerful 15 AMP motor delivers 4,800 RPM and has electric brake
- Extended capacity with up to 25" ripping
- Saw blade enclosed underneath the table to protect the blade during transport
- Dead-on cam-locking rip fence and bevel locking handle for fast and easy adjustments

Specifications:

- Blade Diameter: 10"; Arbor: 5/8"
- Max. Cutting Capacity: 90° - 3-5/8", 45° - 2-1/2"
- No Load RPM: 4,800
- AMPS: 15.0

Item #
MA2705X1

MAKITA USA

7-1/4” Circular Saw

- Powerful 15 AMP motor for a high power-to-weight ratio
- Bevel cuts 0-45° with a 45° cutting capacity of 1-3/4"
- Conveniently located shaft lock for easy blade replacement

Specifications:

- Blade diameter: 7-1/4" þ
- Arbor: 5/8"
- No load speed: 5,800 RPM

Item #
MA5007NK

MAKITA USA

16-5/16” Circular Saw

w/ Electric Brake

- Large capacity blade cuts 6-1/4" at 90° and 4-3/16" at 45°
- Electric brake for maximum productivity
- Blade stabilizer for stable blade rotation and superior cutting performance
- Large depth control lever for convenience and secure adjustments

Specifications:

- Blade Diameter: 16-5/16"
- Arbor: 1"
- Max. Cutting Capacity: at 90° - 6-1/4", at 45° - 4-3/16"
- No Load RPM: 2,200
- Watts out: 1,800
- AMPS: 15

Item #
MA5402NA

MAKITA USA

7-1/4” Hypoid Saws

- Efficient hypoid gears deliver more power with greater surface contact than worm drive gears
- Retractable hook allows tool to remain close-by
- Blade-left design improves visibility and provides a clear view of the cut line for accuracy
- Powerful 15 AMP motor
- 0° - 50° bevel cutting capacity is ideal for truss and rafter cut-outs
- Blade Diameter: 7-1/4"
- Arbor: 5/8"
- Max. Cutting Capacity - at 90° 2-3/8"; at 45° 1-3/4"; at 50° 1-9/16"
- No Load RPM: 4,300

Item #
MA5477NB

MAKITA USA

7-1/4” Magnesium Hypoid Saw

- Magnesium components create a lightweight saw (13.0 lbs.) that is well-balanced and jobsite tough
- Retractable hook allows tool to remain close-by

Specifications:

- Blade Diameter: 7-1/4"
- Arbor: 5/8"
- Max. Cutting Capacity: at 90° - 2-3/8", at 45° - 1-3/4"
- No Load Speed: 4,500 RPM
- AMPS (120V): 15.0

Item #
MA5377MG

MAKITA USA

1/2” Electric Drill

Variable Speed, Reversible

- Powerful 7 AMP motor for heavy duty industrial performance
- Large trigger switch is conveniently located
- Capacity: Steel 1/2"; Wood 1-1/2"
- No Load RPM: 0 - 900

Item #
MADP4000

MAKITA USA

1/2" Angle Drill

2-Speed, Reversible
Sidewinder

- 2-Speed selector switch for high speed drilling (1,200 RPM) or low speed (300 RPM) for large diameter
- Torque limiter disengages motor should the bit bind (low speed only)
- Powerful 10 AMP motor for improved performance
- Adjustable top handle with hex wrench storage for easy positioning

Item #
MADA4031

MAKITA USA

2.8 Amp Right Angle Drill

3/8”, Keyed Chuck

- 4.0 Amps
- VSR 0-1400 RPM
- Variable speed with reverse for easy starting and fastening screws; paddle switch for easy one hand operation
- Compact design for tight fits and close quarter drilling
- Capacities: Steel - 3/8”, Wood - 5/8”

Item #
MADA3010F

MAKITA USA

3/4” Impact Wrench

Reversible

- Powerful 9 AMP motor for heavy-duty applications
- Rocker type reversing switch for easy one-handed forward or reverse operation
- Includes: Side Handle, Steel Tool Case
- Capacity - Square Drive: 3/4"; Bolt Drive: 5/8" - 7/8"
- Impacts/min. (IPM): 1,600; No Load RPM: 1,700
- Torque (ft.-lbs.): 433

Item #
MA6906

MAKITA USA

1” Rotary Hammer

SDS-Plus, Variable Speed, Reversible

- Impact Energy 2.4 Joules
- Powerful 7.0 AMP motor delivers 0-1,100 RPM & 0-4,500 BPM for the most demanding applications
- Torque limiting clutch engineered to prevent gear damage by automatically disengaging gears if the bit binds

Item #
MAHR2475

MAKITA USA

1-9/16” Rotary Hammer

SDS Max, Variable Speed

- Powerful 11 AMP motor; efficient 1,350 - 2,750 BPM
- One touch sliding chuck accepts SDS-Max hammer steel
- 2-mode switch for "hammering only" or "hammering with rotation"
- Preset variable speed dial with 5 settings
- LED power light indicates switch failure or cord breakage; LED service light indicates carbon brushes need to be replaced
- Includes: Side Handle, D-Handle, Depth Gauge, Bit Grease, Tool Case
- Capacity-Concrete (with core bits): 4-1/8"
- No Load RPM: 235 - 480

Item #
MAHR4001C

MAKITA USA

11 Lb. Demolition Hammer

- Unique anti-vibration spring is positioned between tool body and rear handle for reduced operator fatigue
- Accepts same shank demolition bits as spline shank rotary hammers; One-touch tool retainer action for easy accessory installation and removal
- 2,900 BPM; AMPS: 8.3

Item #
MAHM0810B

MAKITA USA

70 Lb. Breaker Hammer

- Powerful 15 AMP motor; efficient 1,100 BPM to tackle the most demanding jobs
- Accepts popular 1-1/8" hex hammer steel
- Cylindrical tool holder enables new bolt holes to be drilled should the original bolts break
- Warning lamp indicates trouble with the cord; AC/DC switch for use with alternative power sources

Item #
MAHM1810X

MAKITA USA

14” Power Cutter

73cc

- Engine: Displacement (cu. in.) 4.5; Max. Power (HP) 5.6; No Load RPM 9,350
- Five-stage, foam-paper-nylon system with advanced directional air flow provides very clean air for better saw performance
- Improved ignition system with larger flywheel and rare earth magnets
- Cutting arm position simply changes from center position to flush (outboard) position allowing cuts directly adjacent to curb edges, walls or directly above the ground
- Cushioned operator grips with 4 vibration-absorption rubber buffers for increased operator comfort
- Water kit is assembled to saw and can be used with garden hose, gravity tank or pressure tank
- Includes: 14" Cut-off Wheel (965-210-222), Universal Wrench (941-719-140), Torx Wrench (940-827-000), Screwdriver (944-340-001), Adaptor Ring (22 mm to 1") (394-228-120)

Item #
MADPC7331

MAKITA USA

4-1/2” Angle Grinder

with Paddle Switch

- Powerful 7.5 AMP motor
- Small diameter barrel grip (only 2-1/2")
- Lock-on/off feature for continuous operation; AC/DC switch for use with alternative power source
- Extra large paddle switch for comfortable operation

Item #
MA9557PB

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

MAKITA USA

4-1/2” Angle Grinder

with Aluminum Case, Diamond Blade & Grinding Wheels

- Small diameter barrel grip (only 2-1/2")
- Extra large paddle switch for easy operation; lock-on/off feature for continuous operation
- 7.5 AMP motor
- AC/DC switch for use with alternative power sources
- Includes: Grinder, diamond blade, grinding wheel, case

Item #
MA9557PBX1

MAKITA USA

4-1/2” Angle Grinder

- Small circumference barrel grip (only 2.5")
- Rotatable gear housing rotates 90° for cutting applications
- No Load Speed: 11,000 RPM
- AMPS (120V): 6.0
- Spindle Thread: 5/8-11

Item #
MAGA4530

MAKITA USA

5” Angle Grinder

9.0 Amp - Heavy-Duty

- 10,000 RPM; Powerful 9 Amp motor
- Removable side handle can be installed on either side
- Shaft lock for easy accessory changes
- Standard 5/8”-11 UNC spindle
- Double insulated

Item #
MA9005B

MAKITA USA

6” Cut-Off/Angle Grinder

Industrial

- Improved 12 AMP motor; 5-stage variable speed control dial (4,000-9,000 RPM)
- Electronic limiter stops the motor and prevents accidental motor overload and burnout
- Cut-Off Wheel: 6"; Sanding Disc: 6"; Wire Cup Brush: 3"
- No Load RPM: 4,000-9,000
- Spindle Thread (11 UNC): 5/8"

Item #
MA9566CV

MAKITA USA

15 Amp 9” Motor Angle Grinder

- 15 AMP motor
- Great for welders, fabricators, masons, maintenance/repair etc.
- Grinding Wheel: 9"
- Wire Cup Brush: 6"
- Sanding Disc: 7"
- No Load RPM: 6,000
- Spindle Thread (11 UNC): 5/8"

Item #
MAGA9020

MAKITA USA

1/4” Die Grinder

- 3.5 AMPS
- High speed motor (25,000 RPM)
- AC/DC switch for use with alternative power source
- Stepped neck of solid aluminum housing for added durability
- Collet: 1/4"
- No Load RPM: 25,000

Item #
MAGD0601

MAKITA USA

1/4” Die Grinder

- High power 6.6 AMP motor
- Electronic speed control maintains constant speed under load
- Speed control dial for setting the optimal speed for various materials
- Double insulated
- Collet: 1/8” - 1/4"
- No Load RPM: 7,000 - 28,000

Item #
MAGD0800C

MAKITA USA

10 Amp 7” Electronic Sanders & Polisher

- 7" Electronic Sander-Polisher (variable speed)
- Pre-set speed setting dial (600 - 3,000 RPM) for maximum control
- Electronic speed control maintains constant speed under load

Item #
MA9227C

MAKITA USA

Portable Band Saws

- Large 4-3/4" x 4-3/4" capacity for round or rectangular stock
- Built-in fluorescent job light
- 5 preset speeds allows the user to match the speed of the saw to the material needed to be cut
- Variable speed of 200 – 350 ft/min. for more accurate cuts
- Heavy-duty 6.5 AMP motor for all jobsite applications

Item #
MA2107FK

MAKITA USA

5 Amp Belt Sander

Variable Speed

- Variable belt speed (656 - 3,280 ft./ min.)
- Narrow belt and exposed front pulley for use on irregular shapes
- Multi-position side handle for easy and comfortable operation
- Connects to dust collector for a cleaner work environment

Item #
MA9031

MAKITA USA

15 Amp 14" Abrasive Chop Saw

- 15.0 AMPS
- D-shape handle for easy gripping
- Lock-off button
- Guide plate adjusts 45° right and left - 3 locations for various sizes of materials
- Quick release vise for secure stock retention and fast repeat cuts
- Max. cutting capacities: 90°- 4-1/2", 45°- 4-1/2"

Item #
MA2414NB

MAKITA USA

3" x 21" Belt Sander

7.8 Amp, 1180 Ft/Min

- 8.8 AMPS
- Speed 1180 SFPM
- Powerful hi-tech motor for maximum production
- Efficient dust collector for reduced sawdust
- Extended base allows flush sanding

Item #
MA9903

MAKITA USA

11 Amp Belt Sander

4" x 24" With Dust Bag

- 11 Amps
- 4" wide belt with a speed of 1,640 ft./min
- Unique design allows flush sanding to walls
- Large front grip is positioned for operator comfort
- Dust bag swivels 360° for more convenient operation

Item #
MA9403

MAKITA USA

Wheel Sander

- Powerful 7.8 AMP motor delivers 3,500 RPM for fast and efficient paint and rust removal; brings out wood grain
- Unique design allows smooth and even surface removal
- Adjustable front roller for uniform pressure to work piece
- Well balanced with a low center of gravity for easy operation
- Electric brake for fast stopping of the wheel
- Wheel size (width x diameter): 4-3/4" x 4"
- No Load RPM: 3,500

Item #
MA9741

MAKITA USA

Belt Sander

Variable Speed

- 8.8 AMPS
- Auto-tracking belt system tracks belt without adjustment
- Dust bag for a cleaner work environment
- Belt Size: 3" x 21"; Belt Speed (ft/min): 690 - 1,440

Item #
MA9903

MAKITA USA

4 Amp Professional Planer Kit

5,000 RPM

- High power-to-weight ratio (4 AMP; 5.5 lbs.)
- Simple blade setting system for fast blade installation
- Precision machine aluminum base for planing accuracy
- Double edged carbide blades for long life and smooth cutting
- Planing Width: 3-1/4", Planing Depth: 1/32", No Load Speed: 15,000 RPM, AMPS (115V): 4.0,

Item #
MAKP0800K

MAKITA USA

Fiber Cement Shear Kit

Variable Speed

- 6.5 AMPS
- Cuts fiber cement quickly while producing less dust
- Solid steel blades cut clean, straight lines with a maximum cutting capacity up to 5/16"
- Retractable tool hook allows user to work in tight spaces
- Strokes/min.(SPM): 0 - 2,500

Item #
MAJS8000

MAKITA USA

5" Concrete Planer

- Powerful 10.0 AMP motor
- For smooth finishes on concrete surfaces or leveling of seams
- Electronic Speed Control engineered to maintain constant speed under load
- Electronic Current Limiter helps protect the motor from overloading
- Easy to install/remove dust bag for cleaner operation
- LED power light serves as a pilot light as well as indicates anti-restart function

Item #
MAPC5000C

MAKITA USA

Cordless Tool Battery

Pod Style Rechargeable

Nickel-Cadmium

- 2.4 AMP Hours

Item #	NiCad Series	Volt	Wt
MA192827-3	1822	18	2.5

MAKITA USA

Batteries

- Cell type: NiMH

Item #	Volts
MA193890-9	9.6
MA193159-1	18

MAKITA USA

Cordless Tool Battery Charger

- Charging Technology: Controls current, voltage & temperature to maximize battery life
- Forced Air Cooling Fan: Cools the battery by forcing cool air through the battery's built-in air vents
- Cell Type: Lithium Ion
- Amp Hour: 1.3 - 3.3

Item #
MADC18RA

MAKITA USA

Battery Charger

- Cell Type: Ni-MH/Ni-Cd
- Amp Hour: 1.3 - 3.0
- Volts: 1.2 - 18

Item #
MADC1804

MAKITA USA

Automotive Battery Charger

Ni-HH & Ni-CD

- Automotive
- Amp hour: 1.3 - 3.0
- Voltage: 7.2V - 18V

Item #
MADC1822

MAKITA USA

18V Cordless FM/AM Job Site Radio

LXT Lithium-Ion

- Delivers rich stereo sound from two powerful 3-1/4" side-firing speakers
- 10 Pre-Set AM/FM buttons and mp3 compatible
- Digital backlit quartz display
- Compatible with Makita 9.6V - 24V Slide-Style and Pod-Style Batteries

Item #
MABMR100W

MAKITA USA

12V Battery

1234

- Cell Type: Ni-MH
- Amp Hour: 2.6
- Style: Pod

Item #
MA193157-5

MAKITA USA

14.4V Battery

1434

- Cell Type: Ni-MH
- Amp Hour: 2.6
- Style: Pod

Item #
MA193158-3

MAKITA USA

9.6V Ni-CD Battery

B9000

- 9.6V Cordless 1.3 Ah Stick Battery
- Features 1.3 amp-hour capacity and durable plastic housing

Item #
MAB9000

MAKITA USA

7.2V Lithium Battery

BL7010

- 1/2 lb. lighter then 7.2v Ni-Cd batteries
- 1.0 amp hour

Item #
MABL7010

MAKITA USA

Steel Saw Blade

- Premium quality steel blades for longer life; Chisel grind
- Hardened steel body prevents blade warping
- Designed for faster smoother cutting; precision teeth can be easily resharpened
- Combination general purpose - General purpose blade for fast and smooth rip, crosscuts, and miters
- Max RPM: 2,760; Kerf: .093"; Plate: .062"

Item #	Desc.	Arbor (in.)	Hook (deg.)	Model
MA792116-2	16 5/16" x 50T	25 mm	20	5402NA

MAKITA USA

Carbide-Tipped Saw Blades

Cut Cleaner

- Blade Dia.: 12"; No. of Teeth: 60
- Application: Ferrous Metal
- Model: LC1230

Item #
MAA-90532

MAKITA USA

Carbide-Tipped Saw Blades

Thin Kerf Design

- Thin kerf design for a lighter cutting load and eliminates wasted material; individually hand-hammered by skilled saw technicians for guaranteed flatness and proper tension
- 60 Precision ground teeth permit a clean cutting surface and a long blade life
- Grind: ATB

Item #	Blade Dia. (in.)	Arbor	Max. Safe Speed	Model
MA792118-8	16 5/16	25 mm	3,500	5402NA

MAKITA USA

Carbide-Tipped Saw Blades

Beam & Timber

- Description: 16-5/16" x 32T
- Arbor: 25 mm; Hook: 20º; Kerf: .109"
- Max. RPM: 3,500

Item #
MAA-90956

BLACK & DECKER

14" Abrasive Wheel

DeWalt

Double reinforced with industrial grit and glue for increased life and faster cuts.

- Diameter: 14"; Thickness: 3/32"; Arbor : 1"
- Max. RPM: 4,100

Item #	Type & Material
DTDW8001	AO General Purpose Metal
DTDW8002	AO Bar Cutter

BLACK & DECKER

Chop Saw Wheels

DeWalt

Double reinforced with two full sheets of fiberglass for safety and performance.

Premium grain for added wheel life and speed.

Enhanced formulations provide longer life and optimal performance.

High quality resin bonds that are 100% inspected before use for product consistency and quality.

- 7/64" edge thickness; 1" arbor
- Grit A24R

Item #	Desc.	Dia.	Edge Thck.	Type 1	Max. RPM
DTDW8004	General purpose cutter	12	3/32	A24	5,095
DTDW8003	Stud cutter	14	3/32	A24	4,100

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Power Tools & Accessories

BOSCH

BOSCH TOOLS

Cordless Battery

10.8V Litheon™

- For use with all Bosch 10.8V Litheon tools

Item #
BAT411

BOSCH TOOLS

Cordless Battery

2.4 Amp Hour

Bluecore™

- Fully compatible with all Bosch cordless tools
- Innovative Bluecore™ cooling rods placed between battery cells to absorb heat and protect battery from damage

Item #	Volt Series
BOBAT021	24 V
BOBAT240	24 V
BAT181	18 V

BOSCH TOOLS

1 Hour Battery Charger

Bluecore™

- Checks battery status every second to prevent overheating and over-charging
- Charger Volt Range: 7.2V - 24V

Item #
BOBC004

BOSCH TOOLS

Jobsite Radio

AM/FM Stereo w/CD & Remote

Power Box™

- Watts: 3.5 watt radio amplifier
- Radio/CD run off Bosch batteries or AC power - 12V, 14.4V, 18V, 24V
- Integrated jobsite CD player with CD-R/RW and MP3 compatibility
- 4-way GFCI protected outlet Power-up jobsite tools and equipment. Meets OSHA requirements
- FM Stereo AM tuner with 20 FM and 10 AM station presets
- Charger: 12V - 24V Bosch Batteries

Item #
PB10-CD

BOSCH TOOLS

Demolition Reciprocating Saw

- 15 AMP
- Anti-vibration System
- Lockjaw™ Blade System – Fast, extremely easy, push to insert blade and twist to eject blade
- Orbital Action
- No Load SPM: 0 - 2,900
- Stroke Length: 1-1/4"

Item #
BORS35

BOSCH TOOLS

6.5 Amp 5-1/2” Trim Saw

Left-Hand Blade

Skil

- Left-hand blade design with 5-1/2" blade

Specifications:

- Amperage 6.5
- Arbor Size 1/2" Round
- Blade Diameter 5-1/2"
- No load RPM 4,000

Item #
SLHD5510

BOSCH TOOLS

7-1/4” Circular Saw

- High-strength magnesium footplate for unmatched durability and flatness
- 56° Bevel
- Amperage: 15
- No Load RPM: 5,600
- Blade Diameter: 7-1/4
- Arbor Size: 5/8

Item #
CS10

BOSCH TOOLS

15 Amp 7-1/4” Worm Drive Saw

- 15.0 AMPS
- 7-1/4 Worm drive saw with rear handle
- Magnesium motor housing - Durable and light weight
- Magnesium footplate - "Waffle-design" for greater strength and stability

Item #
BO1677M

BOSCH

BOSCH TOOLS

13 Amp 8-1/4" Worm Drive Circular Saw

Skil

- Exclusive 60° bevel feature with 8-1/4" blade
- Precision-machined worm drive gears

Specifications:

- Amperage 13.0; Arbor Size Diamond
- Blade Diameter 8-1/4"; No Load RPM 4,300

Item #
SLHD5860

BOSCH TOOLS

13 Amp 7-1/4" Worm Drive Circular Saw

Skil

- Precision-machined worm drive gears with 7-1/4" blade

Specifications:

- Amperage: 13.0; Arbor Size Diamond
- Blade Diameter: 7-1/4"; No Load RPM 4,400

Item #
SLHD77

BOSCH TOOLS

13 Amp 7-1/4" Magnesium Worm Drive Circular Saw

Skil

- Light magnesium housing (2 lbs. lighter) with 7-1/4" blade
- Precision-machined worm drive gears

Specifications:

- Amperage 13.0; Arbor Size Diamond
- Blade Diameter: 7-1/4"; No Load RPM 4,400

Item #
SLHD77M

BOSCH TOOLS

Top Handle Jig Saw

With Case

- Powerful 6.5-Amp Jigsaw
- Variable speed - Dial sets maximum speed and accelerator trigger controls operating speed
- Exclusive multi-directional blade clamp provides superior grip of T-shank blades. (JS365 does not accept U-shank blades.)
- Sturdy die-cast foot; Four orbital-action settings; Adjustable dust blower

Item #
BOJS365

BOSCH TOOLS

4.6 Amp Variable Speed Tapper

- Variable speed with adjusting knob to match correct speed to job application
- "Push" into work for forward rotation (clockwise)
- "Pull" away from work for reverse rotation (counterclockwise)
- Self-aligning chuck coupling allows tap to straighten if started crooked

Item #
BO1462VS

BOSCH TOOLS

7/8" 6.9 Amp Rotary Hammer

D-handle

- 6.9 AMPS
- Impact Energy: 1.6 ft-lbs.
- 7/8" Rotary Hammer
- D-Handle design for extra control
- Capacity: 3/16"-7/8"
- BPM: 0-6150

Item #
BO11224VSR

BOSCH TOOLS

1" Rotary Hammer

SDS-plus® Xtreme Bulldog™

- 7.2 Amps
- Impact Energy: 2.2 ft/lbs.
- 0-1,300 RPM; 0-5,800 BPM
- Multi-function Selector — 3 modes of operation, rotation only, rotary hammer and hammer-only mode
- SDS-plus® bit system
- Capacity: 3/16"-1"

Item #
BO11255VSR

BOSCH TOOLS

1-9/16" Combination Hammer

SDS-Max®

- Amperage: 10
- Impact Energy: 5.2 ft/lbs
- SDS-Max® bit system tool-free bit changes with automatic bit locking
- "Combination" dual mode selector 2 modes of operation, rotary hammer and hammer only
- Max. Hole Diameter in Concrete: 1-9/16
- Max. Hole Diameter in Concrete-Core Bit: 4

Item #
BO11240

Power Tools & Accessories

BOSCH

BOSCH TOOLS

1-9/16” Combination Hammer

Spline

- Amperage: 10
- Impact Energy: 5.2 ft/lbs
- Spline/round hex bit system — tool-free bit changes, with automatic bit locking "Combination" dual mode selector — 2 modes of operation, rotary hammer and hammer only mode Vario-Lock™ positioning
- Max. Hole Diameter in Concrete: 1-9/16”
- Max. Hole Diameter in Concrete-Core Bit: 4” Max.

Item #
BO11247

BOSCH TOOLS

1-3/4” Rotary Hammer

SDS-Max®

- Amperage: 13.5
- Impact Energy: 9.6 ft/lbs
- "Combination" dual mode selector 2 modes of operation, rotary hammer and hammer only mode
- Variable speed dial for accurate bit starting and controlled chipping applications
- Max. Hole Diameter in Concrete: 1-3/4”
- Max. Hole Diameter in Concrete-Core Bit: 6”

Item #
BO11263EVS

BOSCH TOOLS

Breaker Hammer

Brute™

- Amperage: 15.0
- Impact Energy: 43 ft/lbs
- The plug-in anywhere hammer does not need a compressor
- 8" Diameter semi-pneumatic, ball bearing wheels, easy rolling over rough job sites
- Rugged 1" diameter all welded steel frame, plus heavy-duty rubber tie-down
- 2-way tool retainer accepts standard 1-1/8 hex, air tool steel with retaining collar of Bosch internal combo steel

Item #
BO11304K

BOSCH TOOLS

14” Cutoff Machine Kit

Abrasive

- AC/DC capability — Extends the versatility of the tool by working from DC outlets such as welders and generators
- Amperage: 15.0
- Depth of Cut: 4-7/8"
- No Load RPM: 4,300
- Spindle Thread: 5/8"-11
- Includes: 14” cutting wheel, wrench, case

Item #
BO1365K

BOSCH TOOLS

5” Rat Tail Grinder

- Amperage: 9.5
- AC/DC Capability extends the versatility of the tool by working from DC outlets such as welders and generators
- No Load RPM: 11,000
- Spindle Thread: 5/8"-11
- Wheel Diameter: 5"

Item #
BO1821

BOSCH TOOLS

16 Gauge Shears

4.2 Amp

- 4.2 AMPS
- Cutting Capacity: 16 gauge
- Upper/lower blades can be rotated 4x90° for new sharp edge extends blade life
- Steel deflector for hand protection
- Visible blade allows precise pattern cutting
- Easy blade adjustment when switching material thickness

Item #
BO1500C

BOSCH TOOLS

14 Gauge Nibbler

- 4.6 Amps, 2400 SPM
- Burr-free edges
- Full swivel die available — For cutting in all directions
- Corrugated, trapezoidal or full square stock — All cut efficiently with a simple cutter change
- Cutting Capacity: Mild Steel - 14 ga.

Item #
BO1530

BOSCH

BOSCH TOOLS

16 Gauge Nibbler

- 5 Amps, 1,700 SPM
- Ejects chips downward — away from workpiece and operator
- 3-Position head cuts forward, left & right

Item #
BO1534

BOSCH TOOLS

18 Gauge Nibbler

- Amperage: 3.2
- Unique cutting head design — For multiple types of corrugated steel
- Ejects chips downward away from operator and workpiece
- 3-Position head cuts forward, left & right

Item #
BO1529B

BOSCH TOOLS

Variable-Speed Palm Router Kit

Colt™

- 1.0 HP (Max. Tool Output) — 5.6 Amp Motor -35,000 RPM
- Rugged Aluminum Fixed Base — Durable, solid and precise; Fast & Precise Depth Adjustment System
- Enhanced Bit Capacity — Fixed Base accepts bits up to 1-5/16" in diameter
- Offset Base with Spindle Lock — Allows routing near vertical surfaces
- Tilt Base with Detents at Key Angles — Allows routing at special angles and in hard-to-reach areas
- Straight Edge Guide — Guides router along edges of workpiece or up to 3-5/8" from edge

Item #
PR20EVSNK

BOSCH TOOLS

14.3 Amp Industrial Heat Gun

750° Max Temperature

- 14.3 AMPS
- Powerful blower gives the high air volume needed for industrial applications
- Air intake regulator allows variable temperature adjustment
- Insulated nozzle provides cool exterior temperature; integral stand allows benchtop use
- Temp Settings: 750°-1100° F

Item #
BO1942

BOSCH TOOLS

Heat Gun Kit

Programmable

- 4 Easily storable temperature and airflow combinations provide one-button access to the exact settings needed for key applications
- Liquid Crystal Display - For precise setting of temperature and airflow
- 109 temperature settings - Precision temperature control with setting every 10° from 120° - 1200° F
- 10 blower air volume settings - Precision airflow control from 3.6 to 17.6 CFM (cubic feet per minute)
- Amperage: 13
- Temp. Settings: 120° - 1,200°F

Item #
BO1944LCDK

BOSCH TOOLS

Right Angle Drive Attachment

SDS-Plus®

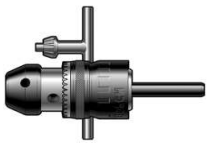
- For SDS Rotary Hammer Models: 11224VSR, 11224VSRC, 11225VSR/ VSRH, 11250VSR
- Remove hammer side handle to attach
- Tool length increases by 2-3/4, but length is offset by less than the shank insertion depth into the bit holder
- Sales Pack Quantity: 1

Item #
BO1 618 580 000

BOSCH TOOLS

Chuck With Integral Shank

SDS-Plus®



- For wood, metal and fastening
- Can be used in the hammer-only mode
- For all Bosch SDS-plus® Rotary Hammers

Item #
BO1 618 571 014

FEIN POWER TOOLS, INC.

MultiMaster Select Set

- 1 Fein Multimaster FMM 250 Q, variable speed and with QuickIN quick-action system
- 1 sanding pad
- 5 grit each 60, 80, 120, 180 grit sandpaper
- 1 universal E-CUT saw blade
- 1 rigid scraper blade
- 1 key and mounting bolts
- 1 Carbide-tipped segment saw blade
- 1 HSS segment saw blade

Item #
FNFMM250QSELECT

FEIN POWER TOOLS, INC.

MultiMaster Top Set

- 1 Fein Multimaster FMM 250 Q, variable speed and with speed and with quick action system in a sturdy plastic case
- 1 Sanding pad
- 5 Grit each 60, 80, 120, 180 grit sandpaper
- 1 Universal E-CUT saw blade
- 1 Rigid scraper blade
- 1 Key and mounting bolts
- 1 Carbide-tipped segment saw blade
- 1 HSS segment saw blade
- 1 Sanding pad, perforated
- 5 of ea. type of sanding sheet, grit 60, 80, 120 and 180, perforated
- 1 Dust extraction device
- 1 Carbide rasp, perforated
- 1 Profile sanding set

Item #
ESFNFMM250QTOP

FEIN POWER TOOLS, INC.

MultiMaster Start Set

- 1 Fein Multimaster FMM 250, variable speed
- 1 sanding pad
- 5 grit each 60, 80, 120, 180 grit sandpaper
- 1 universal E-CUT saw blade
- 1 rigid scraper blade
- 1 key and mounting bolts

Item #
FNFMM250START

FEIN POWER TOOLS, INC.

MultiMaster E-Cut Saw Blades

Universal Narrow

- Saws wood up to 2", plastics, sheet metal up to 14 gauge copper or aluminum pipes and profiles, flush cut capable

Item #	Size (in.)	Qty./Pkg.
FN6-35-02-151-01-8	1⅛	1

FEIN POWER TOOLS, INC.

MultiMaster E-Cut Saw Blades

Precision Narrow

- Highest cutting speed and precision with double-row Japanese toothing
- For wood up to 2", drywall and soft plastics, flush cut capable

Item #	Size (in.)	Qty./Pkg.
FN6-35-02-126-01-3	1⅜	1

FEIN POWER TOOLS, INC.

MultiMaster Segment Cutting Blades

Convex

- For cutting rigid materials such as plastic, linoleum, rubber, cardboard, leather, woven wire cloth, looped fabric/carpet floor coverings, and much more

Item #	Qty./Pkg.
FN6-39-03-205-01-5	1

FEIN POWER TOOLS, INC.

MultiMaster HSS Segment Saw Blade

- For plastics, fiberglass, wood, putty, non-ferrous metals and sheet steel up to approx. 19 gauge
- Ideal for working in corners

Item #	Size (in.)	Qty./Pkg.
FN6-35-02-106-01-5	3⅛	1

FEIN POWER TOOLS, INC.

MultiMaster Diamond Saw Blade

- For cutting through, epoxy grout, marble and concrete truss joints
- Low dust generation, very high service life

Item #	Size (in.)
FN6-35-02-105-01-2	2½

FEIN POWER TOOLS, INC.

MultiMaster HSS Saw Blade

- Circular, recessed, flush cut capable
- For plastics, fiberglass, wood, putty, non-ferrous metals and sheet steel up to approx. 19 gauge, level with the surface

Item #	Size (in.)	Qty./Pkg.
FN6-35-02-144-01-4	3⁹⁄₁₆	1

FEIN POWER TOOLS, INC.

MultiMaster Segment Scraper Blades

Rigid

- For removing stubborn old paint, adhesive residues, carpeting, tile adhesive and undercoatings, caulking, and flush cut capable

Item #	Qty./Pkg.
FN6-39-03-178-01-7	1

FEIN POWER TOOLS, INC.

MultiMaster Segment Scraper Blades

Flexible

- For removing silicone or acrylic caulking

Item #	Qty./Pkg.
FN6-39-03-165-01-3	2

FEIN POWER TOOLS, INC.

MultiMaster Carbide Rasp

- For coarse sanding, filler, tile adhesive, concrete, stone and wood
- Suitable for use without or without dust extraction

Item #	Desc.	Qty./Pkg.
FN6-37-31-001-01-4	Triangular	1
FN6-37-31-002-01-7	Finger Shape	1

FEIN POWER TOOLS, INC.

MultiMaster Carbide Tipped Saw Blade

- For cutting out defective tile joints and for milling cracks in plaster, porous concrete and similar building materials
- Recessed, flush cut capable

Item #	Desc.	Size (in.)
FN6-35-02-118-01-6	Standard Blade Segment	2½

FEIN POWER TOOLS, INC.

MultiMaster Sanding Sheets

- For universal application on practically all surfaces

Item #	Grit	Qty./Pkg.
FN6-37-17-082-04-9	60	5
FN6-37-17-083-04-3	80	5
FN6-37-17-085-04-5	120	5
FN6-37-17-088-04-0	180	5
FN6-37-17-090-04-6	240	5

FEIN POWER TOOLS, INC.

MultiMaster Sanding Sheets

Dust Extraction

- For sanding with dust extraction
- Universal application on practically all surfaces
- Corundum sanding grains, fully bonded with artificial resins guarantee high sanding capacity

Item #	Grit	Qty./Pkg.
FN6-37-17-108-04-7	40	5
FN6-37-17-109-04-1	60	5
FN6-37-17-110-04-3	80	5
FN6-37-17-111-04-2	100	5
FN6-37-17-112-04-5	120	5
FN6-37-17-115-04-1	220	5
FN6-37-17-116-04-4	240	5

FEIN POWER TOOLS, INC.

MultiMaster Sanding Sheet Set

- 4 sanding sheets of each grit 60 / 80 / 120 / 180

Item #	Desc.
FN6-37-17-227-01-0	16 Sheets

FEIN POWER TOOLS, INC.

MultiMaster 4-1/2" Sanding Sheets

16 Packs

- Sanding sheets guarantee high quality results: dia. 4-1/2"
- Perforated for dust extraction, resin bonded for high material removal performance, hook and loop attachment

Item #	Grit
FN6-37-17-230-02-0	40
FN6-37-17-227-02-0	60
FN6-37-17-228-02-0	80
FN6-37-17-229-01-0	120
FN6-37-17-231-02-0	180
FN6-37-17-232-01-0	240

FEIN POWER TOOLS, INC.

MultiMaster Sanding Sheet Sets

Velcro

- For universal application on practically all surfaces
- Corundum sanding Grits and bonded artificial resins guarantee high sanding capacity
- 10 sheets per set, with H & L 60, 80, 120, 180, 240 grit

Item #
FN6-37-17-082-03-3

FEIN POWER TOOLS, INC.

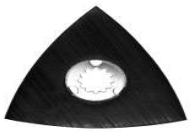
MultiMaster Sanding Disc Sets

- 1 sanding disc, dia. 4-1/2”
- 6 sanding sheets (2 of ea. grit 60/80/180)

Item #
FN6-38-06-195-02-0

FEIN POWER TOOLS, INC.

MultiMaster Sanding Pads



Item #	Desc.	Qty./Pkg.
FN6-38-06-129-02-6	Velcro	2
FN6-38-06-136-02-9	Dust Extraction	2

FEIN POWER TOOLS, INC.

MultiMaster Profi Wood Kit

- 1 each - E-Cut saw blade 126, E-CUT saw blade 127, E-Cut saw blade 151, sanding pad
- 5 each - sanding sheets Grit 60, sanding sheets Grit 120

Item #
FN6-39-03-167-40-2

FEIN POWER TOOLS, INC.

MultiMaster Minicut & File Set

Sawing

- For cut-outs 3/8” and above
- 2 saw blades for wood and soft plastics; 2 HSS saw blades for hard plastics, fiberglass and sheet steel up to 19 gauge
- 1 each - diamond file, carbide file

Item #
FN6-39-01-025-06-0

FEIN POWER TOOLS, INC.

MultiMaster Profi Floor Kit

- 1 each - E-Cut saw blade 127, E-CUT saw blade 133, E-Cut saw blade 134, carbide rasp, rigid scraper, segment blade convex

Item #
FN6-39-03-167-41-1

FEIN POWER TOOLS, INC.

MultiMaster Profile Sanding Set

- Includes 1 holder and 6 different professional attachments
- 1 V-form for 90° angle
- 1 x trapezoidal for tongue and groove joints
- 1 for straight edges
- 1 x convex form (large), 1 x concave and 1 convex form (small)
- 5 sheets each 80, 120, 180 grit sandpaper

Item #
FN6-38-06-183-01-3

ROTOZIP

Cordless Spiral Saw®

18V Power, 30,000 RPM

- Compatible with Bosch® 18V Litheon™ Lithium-Ion batteries and chargers

Includes:

- CR18L Cordless Spiral Saw™ with collet system
- One 18-volt Bosch Litheon™ Lithium-Ion battery; 50-minute battery charger
- One drywall and one Multipurpose XBITS™
- Two collets: 1/8” and 5/32”

Item #
RZCR18L-1100

ROTOZIP

Spiral Saw System

Rotozip®

- 5.5 Amp Power; 30,000 RPM
- 50 ft. Cord - Industry 1st increases user mobility and eliminates the need for extension cords
- Soft Band Handle enhances the feel of the tool's body and provides hand comfort when using the tool for long periods of time
- Quick release foot
- Can be adjusted for cuts up to 1" deep
- 5/32" Collet System

Item #
RZRZ25

ROTOZIP

Drywall Router

6.0 Amp Magna Core™ Motor, 33,000 RPM

- DR1 drywall router with collet system
- Two drywall XBITS™
- Three collets: 1/8", 5/32", and 1/4"

Item #
RZDR01-1100

ROTOZIP

Standard Point Zip® Bits

- For basic drywall cut-outs

Item #	Desc.	Diameter (in.)
RZZB8	8 Pack	⅛

ROTOZIP

Guidepoint™ Zip® Bits

- For drywall cut-outs around outlet boxes and framing

Item #	Desc.	Diameter (in.)
RZGP8	8 Pack	⅛

ROTOZIP

Sabrecut™ Zip® Bits

- For a variety of materials from wood to fiberglass

Item #	Desc.	Diameter (in.)
RZSC4	4 Pack	⅛

ROTOZIP

Window & Door Zip® Bits

- For cutting window and door openings in drywall

Item #	Desc.	Diameter (in.)
RZWD1	1 Pack	¼

ROTOZIP

Drywall XBITS™

- For faster, controlled drywall cut-outs from outlets to window/door openings

Item #	Desc.
RZXB-DW10	10 Pack

ROTOZIP

Fiberock® Zip® Bits

- For Fiberock® panels

Item #	Desc.	Diameter (in.)
RZFBR1	1 Pack	¼

ROTOZIP

Tilecut™ Zip® Bits

- For ceramic wall tile (only soft tile with glazing), cement board, stucco, and plaster

Item #	Desc.	Diameter (in.)
RZTC1	1 Pack	⅛

ROTOZIP

ZipMate® Attachment

w/ Zip®Wheel

Rotozip®

- Cuts up to 9/16" depth with ease
- Allows you to use wheels for cutting an even wider variety of materials:ceramic floor tile, stone, slate steel, iron, aluminum brick, cement, concrete, sandstone, and more
- Allows you to make intricate cuts in very hard materials without the hassle of a wet-saw

Item #
RZZM3-1100

ROTOZIP

Grout Removal Attachment Kit

For use on wall, floor, and corner grout. Quick, easy, and efficient way to remove grout for replacing broken tiles or cleaning up grout.

Includes:

- 1/4" Grout Removal Zip® Bit

Item #
RZRZ-GRK

ROTOZIP

Replacement Collets and Nuts

Item #	Desc.
RZCT125	⅛" Collet & Nut
RZCT156	5⁄32" Collet & Nut
RZCT250	¼" Collet & Nut

Power Tools & Accessories

BOSCH

BOSCH TOOLS

Dremel Electric Engraver

- 7,200 SPM
- Engraves metal, plastic, glass and wood
- Carbide tip

Item #
BO290-01

BOSCH TOOLS

Dremel Electric Engraver Kit

- 7,200 SPM
- Engraves metal, plastic, glass and wood
- Includes: Engraver , letter/number template, carbide engraving point

Item #
BO290-KIT

KETT TOOL COMPANY

KETT TOOL COMPANY

Panel/Cable Saw

- Slits thin-walled metal-clad cable to aid in stripping, and can be used on either aluminum or steel armored cable
- The KS-226 has a 2500 RPM, 5 amp electric motor and a cast aluminum saw head

Item #
KEKS-226

KETT TOOL COMPANY

18/20 Gauge Power Shear

Double-Cut

- 5.0 Amps
- Feed quickly and quietly, without warping or bending your finished piece
- Easily follows a scribed line
- Swiping action of blades seals the edge of coated metals
- Capacity Mild Steel/Stainless (ga.): 18/20
- Max RPM: 2500

Item #
KEK-200

KETT TOOL COMPANY

18 Gauge Pneumatic Shear

Double-Cut

- Double-cutting action of the P-500, cleanly cuts 18 gauge and lighter C.R. mild steel without distortion
- Variable speed trigger lets you control speed from 0 to 2200 RPM's
- Ideal for the tinner, roofer and auto body shop

Item #
KEP-500

KETT TOOL COMPANY

14/16 Gauge Power Shear Kit

Pistol-Grip

- 5.0 Amps
- KD-440 with 251-4 carrying case
- Cuts 14 gauge mild steel and most grades of stainless to 16 gauge; double-insulated, cuts at over 150 inches per minute
- Capacity Mild Steel/Stainless (ga.): 14/16
- Max RPM: 2500

Item #
KEKIT#340

KETT TOOL COMPANY

18/20 Gauge Power Shear Kit

Double-Cut

- 5.0 Amps
- Double-cut shears feed quickly and quietly, without warping or bending your finished piece; easily follows a scribed line
- Capacity Mild Steel/Stainless (ga.): 18/20
- Max RPM: 2500
- Nibbler Attachment - cuts intricate curves in 18 gauge C.R. mild steel at 40 inches per minute, cuts straight, left or right with unique swivel punch and die assembly, can be locked in any 360 degree position & cuts a clean, even line at 3/16" wide

Item #	Desc.
KEKIT#100	KD-200 w/251-4 carrying case
KEKIT#210	KD-200 shear, 1020 nibbler attachment and 251-4 carrying case

KETT TOOL COMPANY

Variable Speed

Power Shear Kit

- 5.0 Amps
- KD-442 with 251-4 carrying case
- Variable speed shear easily cuts through 16 gauge C.R. mild steel and stainless to 18 gauge
- The steel shear head has close cutting heavy duty blades that quickly cut through sheet metal, spiral pipe, metal doors and metal studs

Item #
KEKIT#342

KETT TOOL COMPANY

Fiber Cement Power Shear

- Designed to make quick work of cement board up to 1/2"
- No airborne dust for minimal clean up
- Variable cutting speeds up to 2500 RPM

Item #
KEKD-493

KETT TOOL COMPANY

Variable Speed Power Shear

- 5.0 Amps
- Cuts through 16 gauge C.R. mild steel & stainless to 18 ga.
- The steel shear head has close cutting heavy duty blades that quickly cut through sheet metal, spiral pipe, metal doors and metal studs

Item #
KEKD-442

KETT TOOL COMPANY

Shear Head

14 Gauge

- 14 gauge steel shear head - used on KD-440, P-540, P-1040 and discontinued E-140 and KC-140 shears

Item #
KE40-20

KETT TOOL COMPANY

Shear Head

16 Gauge

- 16 gauge aluminum shear head - used on KD-242, KD-442, P-542, P-1042 and discontinued K-242 and K-442 shears

Item #
KE42-20

KETT TOOL COMPANY

Shear Head

18 Gauge

- 18 gauge shear head - used on KD-200, P-500, P-1060 and discontinued B-100, K-100 and K-200 shears

Item #
KE60-20

KETT TOOL COMPANY

Shear Head

5/8" Capacity

- 5/8" capacity steel shear head
- For cutting fiber-cement

Item #
KE95-20

KETT TOOL COMPANY

Scissors Shear Head

- 24 gauge steel scissors shear head
- Used on KD-441, P-541, P-1041 and discontinued E-141 and KC-141 shears

Item #	Desc.
PKE41-20	Shear Head
PKE41-21	Center Scissors Blade
PKE41-22	Side Knife

KETT TOOL COMPANY

18 Gauge C.R. Mild Steel

Nibbler Attachment

- Cuts intricate curves in 18 gauge C.R. mild steel at 40 inches per minute, cuts straight, left or right with unique swivel punch and die assembly, can be locked in any 360 degree position and cuts a clean, even line at 3/16" wide

Item #
KE1020

KETT TOOL COMPANY

Kett Saws Blades

Item #	Desc.
KE157-24	1½X44T
KE157-26	1½X60T
KE157-54	2"X44T
KE157-56	2"X60T
KE157-58	2"X80T

KETT TOOL COMPANY

Power Shear Replacement Blades

Item #	Desc.
KE40-21	14⁄16 GA Shears, Center
KE60-21	18 GA Shears, Center
KE60-22L	Side Knife Left
KE60-22R	Side Knife Right
KEKIT#102	18 GA Blade Kit (KD-200)
KEKIT#106	14⁄16 GA Blade Kit

KETT TOOL COMPANY

Blade Kit

Heavy User

- Heavy User Blade Kit
  Includes: 1 ea. 60-22R,
  60-22L, 60-24, 60-25; 2 ea. 60-21, 60-27; 3 ea. 60-28

Item #
KEKIT#101

KETT TOOL COMPANY

Fiber Cement Power Shear

Replacement Blades

- Replacement blades for 1/2" fiber-cement shear

Item #	Desc.
PKE92-21	Center Blade
PKE92-22	Side Knife
PKEKIT#109	(1) 92-21 and (2) 92-22.

METABO CORPORATION

6" Angle Grinder

Electric - 1400 Watt

- 12.2 Amps
- High-powered angle grinder with extra high cooling capacity for fast work progress even under the toughest operating conditions
- Includes Metabo dust-protection technology for an extremely long device service life
- Metabo S-automatic torque limiting clutch
- Metabo "Quick" tool quick change

Item #	Rated Load Speed	Spindle Thrd. Size
MTW14-150QUICK	9000 /min	5/8" - 11 UNC

METABO CORPORATION

4-1/2" Angle Grinder

Electric - 800 Watt

- 8.0 Amps
- High-powered angle grinder with extra high cooling capacity for fast work progress even under the toughest operating conditions
- Includes Metabo dust-protection technology for an extremely long device service life
- Metabo S-automatic torque limiting clutch

Item #	Rated Load Speed	Spindle Thrd. Size
MTW8-115	10000/min	5/8" - 11

METABO CORPORATION

6" Angle Grinder

Electric - 1400 Watt

- 12.2 Amps
- Robust Metabo Marathon motor
- Spindle lock
- Rotating main handle without tools
- Additional VibraTech handle for vibration damping
- Adjustment of protective cover without tools
- Safety switch: lock against unintentional start
- Especially high torque

Item #	Rated Load Speed	Spindle Thrd. Size
MTW14-150ERGO	7300/min	5/8" - 11 UNC

METABO CORPORATION

Type 1 "Slicer-Plus" Hugh Performance Grinding Wheels

Spec: A 60 TX----Coated Aluminum oxide formulated to provide very long life and very aggressive cool cutting action on all metals.

Item #	Size (dia. x thick. x arbor)	Application	Max. RPM
MT655996000	4 x .045 x 5/8	Steel/Stainless Steel	15,000
MT655997000	4½ x .045 x 7/8	Steel/Stainless Steel	15,000
MT655993000	5 x .045 x 7/8	Steel/Stainless Steel	12,225
MT655998000	6 x .045 x 7/8	Steel/Stainless Steel	10,185

M K MORSE

14" Metal Cutting Chop Saw

Metal Devil®

- 120V/60Hz/15Amp
- No Load Speed: 1300 RPM
- Blade Diameter: 14"
- Arbor Hole: 1"

Cutting Capabilities:

- Round: 45° - 4-1/8", 90° - 5-1/8"
- Square: 45° - 3-1/2" x 3-1/2", 90° - 4-3/4" x 4-3/4"
- Rectangle:45° - 3-1/8" x 4-3/8", 90° - 3-3/4" x 7-1/4"

Features:

- 0° - 45° mitering vise
- Plexiglass safety shield
- Chip collection chamber
- Retractable blade guard

Item #
MKCSM14B

M K MORSE

9” Metal Cutting Circular Saw

Metal Devil®

- 1800 Watts/120V/60Hz/15Amp
- No-load Speed: 2500 RPM
- Blade Diameter: 9”
- Arbor Hole: 1”

Cutting Capabilities:

- Maximum Cutting Reach: 3-1/4”; Maximum Thickness of Cut (Mild Steel): 3/8”; Bevel Cut: 0-45°

Features:

- Laser Guide; 0°-45° beveling; 30 min. duty cycle; Overload switch; Chip collection chamber; Retractable blade guard; Durable Carrying case

Item #	Part #
MKCSM9MB	CSM9MB

M K MORSE

7” Metal Cutting Circular Saw

Metal Devil®

- 1080 Watts/120V/60Hz/9Amp
- No-Load Speed: 3500 RPM
- Blade Diameter: 7”
- Arbor Hole: 20mm

Cutting Capabilities:

- Maximum Cutting Reach: 2.36”; Maximum Thickness Cut (Mild Steel): 1/4”

Features:

- External overload switch; Chip Collection Chamber; Retractable blade guard; Durable Carrying case

Item #
MKCSM7MB

M K MORSE

Circular Saw Blades

Metal Cutting

Metal Devil®

- Hardened steel plate for durability
- Cut Cool; Cutting tips do not transfer heat to inner plate so you can pick up parts immediately after cutting
- Cutting tips are a unique combination of tungsten carbide and titanium carbide
- 5/8 KO fits both diamond and circular arbors

Item #	Blade Dia. (in.)	Number of Teeth	Arbor (in.)	Applications	Max RPM
MKCSM53850AC	5⅜	50	⅝	Aluminum	4200
MKCSM1260NSC	12	60	1	Steel	2000
MKCSM1280AC	12	80	1	Aluminum	3800
MKCSM1280TSC	12	80	1	Thin Steel	2000
MKCSM1466NSC	14	66	1	Steel	1800
MKCSM1480AC	14	80	1	Aluminum	3800
MKCSM1490SSC	14	90	1	Stainless Steel	1800
MKCSM1490TSC	14	90	1	Thin Steel	1800
MKCSM53830SC	5⅜	30	⅖ and ⅘	Steel	4200
MKCSM53850TSC	5⅜	50	⅖ and ⅘	Thin Steel	4200
MKCSM65040SC	6½	40	⅝	Steel	4200
MKCSM65048TSC	6½	48	⅝	Thin Steel	4200
MKCSM72540SC	7¼	40	⅝ KO	Steel	5800
MKCSM72548NSC	7¼	48	⅝ KO	Steel	5800
MKCSM72560AC	7¼	60	⅝ KO	Aluminum	5800
MKCSM72568TSC	7¼	68	⅝ KO	Thin Steel	5800
MKCSM1080AC	10	80	⅝ KO	Aluminum	5500

JET

WMH TOOL GROUP

9” Horizontal Bandsaw

JET

- Large handwheel and built-in gauge for easy blade tensioning
- Coolant is distributed through the blade guides
- Blade guides feature parallel double row ball bearing support; blade brush is built-in and self-propelled
- Quick-positioning vise with fully adjustable jaws swivels to 45°
- Removable chip tray for quick clean-up
- Blade is fully guarded regardless of blade guide position
- Fully adjustable hydraulic downfeed with separate on/off valve
- Automatic shut-off after cut
- Carbide blade guides with rollers
- Coolant system
- 4/6VT Bi-metal blade
- Adjustable material stop

Specifications:

- Round Capacity @ 90°: 9 in.
- Round Capacity @ 45°: 9 in.
- Rectangle Capacity @ 90°: 2 in. x 16 in. - 9 in. x 14 in.
- Rectangle Capacity @ 45°: 9 in. x 6-1/8 in.
- Blade Speeds (SFPM): 82, 132, 170, 235

Item #
JEHBS-916W

WMH TOOL GROUP

7” X 12” Horizontal/Vertical Bandsaw

JET

- UL listed motor
- Heavy cast iron bow and bed
- Hydraulic downfeed for ease of cut; hardened and ground worm gear
- Roller cabinet with built-in chip tray
- Automatic shut-off after cut

Standard Equipment:

- Vertical worktable
- Coolant system
- 3/4" Bi-metal blade
- Adjustable material stop
- Chip brush

Specifications:

- Round Capacity @ 90°: 7 in.
- Round Capacity @ 45°: 4-1/2 in.
- Rectangle Capacity @ 90°: 2 in. x 12 in. - 7 in. x 8-1/2 in.
- Rectangle Capacity @ 45°: 7 in. x 5 in.
- Blade Speeds (SFPM): 80, 130, 180, 285

Item #
JEHVBS-7MW

WMH TOOL GROUP

20” Floor Drill Press

JET

- Hinged metal belt and pulley cover coupled with quick adjustment motor mount allow rapid changing of spindle speeds
- Rotating, 45° tilting, crank-operated worktable with quick release clamp
- On/off switch located on front of the drill press head
- A 1/2" diameter external positive depth stop with three nut locking feature for quick adjustment
- Adjustable tension spindle return spring
- Spindle is supported by high quality ball bearings
- Built-in work lamp on all models, bulb not included
- Drill chuck and key included

Specifications:

- Drilling Capacity: 1 in.
- Chuck Size: 3/4 in.
- Spindle Travel: 4-5/8 in.
- Spindle Distance to Base: 46-3/4 in.; Spindle Distance to Table (max/min): 18-5/8 in. / 16-1/8 in.
- Number of Spindle Speeds: 12; Range of Spindle Speeds (RPM): 150-4,200
- Motor: 1-1/2 HP

Item #
JEJPD-20MF

UNITEC

C.S. UNITEC, INC.

Portable Electric Hacksaw

- Ideal for cutting of pipe, structural steel, tanks and other materials
- Compact size, ideal for cutting in confined spaces
- 2-3/8" blade stroke
- Pipe clamps for 90° cutting of up to 24" OD pipe; profile clamps for structural steel
- Optional blade guide to ensure right-angle cuts

Item #	Desc.	Amps/Volts	Stokes Per Min
UC5-1215-0070	1.5 HP, w/ trigger throttle	11/110	200-400

C.S. UNITEC, INC.

Portable Electric Bandsaws

- Capacity: 7”; 5.8 Amps
- Ideal for plumbing and mechanical contractors, as well as demolition and plant maintenance; fast on-site cutting
- Heavy-duty variable-speed motors operate on 110VAC; with stainless steel housing and planetary gearbox cut up to 7" OD
- Speed: 100-245 RPM

Item #
UC5-6047-0010

UNITEC

C.S. UNITEC, INC.

Pneumatic Cutoff Saw

- Hand-held 14” saw cuts concrete, asphalt, masonry, steel
- Wet or dry cutting
- Low maintenance - no belts, pistons, fuel lines or carburetors
- Accept diamond or abrasive blades
- Adjustable blade guard with built-in water connection
- In-line oiler for motor lubrication
- 1” arbor size, 1/2” NPT air connection

Item #	Power HP	Max Depth of Cut (in.)	Max. Blade Cap. (in.)	CFM @ 100 psi
UCCSH-100	5	4	14	90

C.S. UNITEC, INC.

Portable Magnetic Drill

- Drills up to 2" diameter holes with annular cutters, 7/8” diameter twist drill capacity
- Strong 10.5 Amp motor and two-speed gearbox
- HD dual-coil magnet has holding strength of 3750 lbs.
- Easy "twist and lock" keyless arbor for cutters
- Compact height of 16-1/2" allows drilling in small spaces

Item #	Power	Speed (RPM)	Arbor Bore (in.)
UCECO-50	10.5 Amp/ 110 Volt	Gear 1: 250, Gear 2: 450	¾

C.S. UNITEC, INC.

Pneumatic Rotary Hammer

- Uses SDS-Max Shank Drill Bits
- Holes up to 1" diameter with solid carbide tipped bits
- Up to 3" diameter with carbide core bits
- Fast impact drilling of anchor holes and thru holes for concrete and masonry
- Safer than electric in hazardous atmospheres and wet environments
- Designed for use in refineries, chemical plants, utilities, construction and heavy industry

Item #	Speed RPM	BPM	Power/ Consumption @ 90 PSI	Connection (in.)
UC2-2414-0010	0-625	0-3000	0.7 HP/21 CFM	1/2 I.D.

C.S. UNITEC, INC.

Heavy-Duty Concrete Grinder

With Dust Extraction

- Remove paint, epoxy, glue and other hard coatings
- Clean concrete before applying new paint or coatings
- Long power tool life due to the new motor arrangement
- Grinds into corners and edges because of removable front dust guard
- Efficient dust exhaust outlet

Item #	Dia. (in.)	Speed (RPM)	Power Consumption
UCEBS-125-D	5	10,000	14 Amps/ 1500 Watts

Hougen

HOUGEN MFG., INC.

Ultra Low Profile Magnetic Drill

- Ultra Low Profile - fits in the tightest of spots. Only 6-11/16" height
- Uses RotaLoc™ cutters which requires no tools for installation or removal
- Positive slug ejection
- High torque gearing
- Feed handles lock for easy maneuverability
- Ratchet or wrench can be used in place of handles
- Rear mounted controls

Item #	Dia. (Min/ Max)	Depth (in.)	Motor	Speed (RPM)
HGHMD115	½” - 1 1⁄16”	¾”	7.2A	450

HOUGEN MFG., INC.

Low Profile Magnetic Drill

- Uses RotaLoc Plus™ cutters which requires no tools for installation or removal
- Positive slug ejection
- High torque gearing
- Lift detector safety system
- Feed handle switches easily from side to side
- Ratchet or wrench can be used in place of feed handle
- Rear mounted controls

Item #	Dia. (Min/Max)	Depth (in.)	Motor	Speed (RPM)
HGHMD150	½” - 1⅜”	1	7.2A	450

HOUGEN MFG., INC.

Portable Magnetic Drills

- Positive slug ejection
- Feed handles quickly change from side to side
- Gravity fed coolant system
- Swivel Base adds even greater versatility
- Great for horizontal, overhead, tight areas, and getting out over another piece of steel

Item #	Dia. (Min/ Max)	Depth (Max)	Motor	Speed (RPM)	Arbor
HGHMD904C	7⁄16" to 2½"	2"	7.2A (120V), 3.6A (230V)	450	Spring enjected
HGHMD925	7⁄16" to 1½" (1¼" Pwr. Fd.)	2"	7.2A	450	Spring
HGHMD914	7⁄16" to 2 1⁄16"	3"	10.5A	350	Spring

½" Low Buck Chuck with Key

HG10731

HOUGEN MFG., INC.

Multi-Speed Portable Magnetic Drills

HMD 505 Features:

- Two speed gear box - 250 & 450 RPM
- Positive slug ejection
- Two stage magnet. Engages full power when motor is turned on
- Feed handles quickly change from side to side
- Lift detector safety system
- Rear mounted controls
- Coolant bottle included
- Optional pressurized coolant system available

HMD915 Features:

- Interchangeable gears for up to seven speeds (120/332 RPM included), (100, 120, 142, 200, 279, 332 and 400 RPM available)
- Uses Rotabroach "42/43,000-Series" Cutters
- Can use "12,000-Series" Cutters with adapter (Included) - (Part No. 40040)
- Positive slug ejection
- Feed handles quickly change from side to side
- Coolant bottle included
- More holding power with impactor points
- Lift detector safety system
- Chip breaker

Item #	Dia. (Min/Max)	Depth (in.)	Motor
HGHMD505	7⁄16" - 2⅜"	3	13A
HGHMD915	¾" - 3 1⁄16"	3	10A

HOUGEN MFG., INC.

Electro Hydraulic Hole Punch

Punch-Pro™

This heavy-duty model is built for punching up to 7/8" diameter holes in materials up to 3/8" thick. The addition of eyebolts on both sides of the unit allows for easy attachment of a lift assist or a counter-balancer for improved ergonomics. Its 3-15/16" throat depth adds to its versatility covering a wide range of work pieces. Easily confirm the hole position with the jog down feature. Punch automatically returns to the starting position after the punching cycle is complete. Work stand, foot switch, 13/16" punch & (2) dies and tool kit are included

- Approximate Punching Speed: 3 seconds

Item #	Pressure (Tons)	Maximum Hole Size - Round	Maximum Hole Size - Oblong	Motor
HG75005	27.5	7⁄8"	1 1⁄16" x 13⁄16"	12.2 A

Edge rents and repairs Magnetic Drills.

We can also sharpen your annular cutters.

HOUGEN MFG., INC.

Annular Cutters

"12,000-SERIES"

Rotabroach®

- Made of hardened high speed tool steel; cutters are resharpenable
- Require less horsepower and thrust to cut, and last much longer than traditional hole-making methods
- Feature a 3/4" diameter double-flatted shank and are available in 1, 2, and 3" D.O.C.
- Made in the USA

Item #	Cutter Dia. (in.)	Decimal Equivalent
1" Depth of Cut		
HG12114	7/16	.4375
HG12116	1/2	.5000
HG12118	9/16	.5625
HG12120	5/8	.6250
HG12122	11/16	.6875
HG12124	3/4	.7500
HG12126	13/16	.8125
HG12128	7/8	.8750
HG12130	15/16	.9375
HG12132	1	1.0000
HG12134	1 1/16	1.0625
HG12136	1 1/8	1.1250
HG12138	1 3/16	1.1875
HG12140	1 1/4	1.2500
HG12142	1 5/16	1.3125
HG12144	1 3/8	1.3750
HG12146	1 7/16	1.4375
HG12148	1 1/2	1.5000
HG12150	1 9/16	1.5625
HG12152	1 5/8	1.6250
HG12154	1 11/16	1.6875
HG12156	1 3/4	1.7500
HG12158	1 13/16	1.8125
HG12160	1 7/8	1.8750
HG12162	1 15/16	1.9375
HG12164	2	2.0000
2" Depth of Cut		
HG12214	7/16	.4375
HG12216	1/2	.5000
HG12218	9/16	.5625
HG12220	5/8	.6250
HG12222	11/16	.6875
HG12224	3/4	.7500
HG12226	13/16	.8125
HG12228	7/8	.8750
HG12230	15/16	.9375
HG12232	1	1.0000
HG12234	1 1/16	1.0625
HG12236	1 1/8	1.1250
HG12238	1 3/16	1.1875
HG12240	1 1/4	1.2500
HG12242	1 5/16	1.3125
HG12244	1 3/8	1.3750
HG12246	1 7/16	1.4375
HG12248	1 1/2	1.5000
HG12250	1 9/16	1.5625
HG12252	1 5/8	1.6250
HG12254	1 11/16	1.6875
HG12256	1 3/4	1.7500
HG12258	1 13/16	1.8125
HG12260	1 7/8	1.8750
HG12262	1 15/16	1.9375
HG12264	2	2.0000
HG12266	2 1/16	2.0625
HG12268	2 1/8	2.1250
HG12270	2 3/16	2.1875
HG12272	2 1/4	2.2500
HG12274	2 5/16	2.3125
HG12276	2 3/8	2.3750
3" Depth of Cut		
HG3-12224	3/4	.7500
HG3-12226	13/16	.8125
HG3-12228	7/8	.8750
HG3-12230	15/16	.9375
HG3-12232	1	1.0000
HG3-12234	1 1/16	1.0625
HG3-12236	1 1/8	1.1250
HG3-12238	1 3/16	1.1875
HG3-12240	1 1/4	1.2500
HG3-12242	1 5/16	1.3125
HG3-12244	1 3/8	1.3750
HG3-12246	1 7/16	1.4375
HG3-12248	1 1/2	1.5000
HG3-12250	1 9/16	1.5625
HG3-12252	1 5/8	1.6250
HG3-12254	1 11/16	1.6875
HG3-12256	1 3/4	1.7500
HG3-12258	1 13/16	1.8125
HG3-12260	1 7/8	1.8750
HG3-12262	1 15/16	1.9375
HG3-12264	2	2.0000
HG3-12266	2 1/16	2.0625
HG3-12268	2 1/8	2.1250
HG3-12270	2 3/16	2.1875
HG3-12272	2 1/4	2.2500
HG3-12274	2 5/16	2.3125
HG3-12276	2 3/8	2.3750

HOUGEN MFG., INC.

Annular Cutter Pilot Bits

Rotabroach®

- Helps to locate the holes center point
- Initiates coolant flow to the center of the tool
- Ejects the slug at the end of the cut

Item #	Depth of Cut (in.)	Used For Cutter Size
HG10531	1	7⁄16”
HG10533	1	½” - 11⁄16”
HG10527	1	¾ “ - 2⅜”
HG10532	2	7⁄16”
HG10534	2	½” - 11⁄16”
HG10528	2	¾” - 2⅜”
HG24131	3	¾” - 2⅜”

BLACK & DECKER

12 Gallon Dust Extractor with VCS

Dewalt

- Tank Size: 12 gal.
- Amps: 9 Amps
- Max. CFM: 129 CFM
- Water Lift: 83”
- Automatic Filter Clear
- Decibel: 70 dBA
- Variable-Speed Dial
- Power Cord: 21 ft.
- Hose Diameter: 1-1/4”; Hose Length: 14’

Item #
DTD27904

BLACK & DECKER

10 Gallon Dust Extractor Vacuum

- Tank Size: 10 gal.
- Amps: 9 Amps
- Max. CFM: 129 CFM
- Water Lift: 83”
- Decibel: 70 dBA
- Variable-Speed Dial
- Power Cord: 21 ft.
- Hose Diameter: 1-1/4”; Hose Length: 14’

Item #
DTD27905

BLACK & DECKER

Dust Extractor 5 Piece Accessory Kit

DeWalt

- Enables you to get full use out of your DeWalt® Dust Extractor Vacuum
- Includes floor squeegee, crevice tool, 2 extension wands, curved wand and an accessory bag

Item #
DTD279059

BLACK & DECKER

Paper Filter Bag

For DTD27904

Dewalt

Item #
DTD279042

BLACK & DECKER

Fleece Filter Bag

For DTD27904

DeWalt

Item #
DTD279042F

BLACK & DECKER

Paper Filter Bag

For DTD27905

DeWalt

Item #
DTD279052

BLACK & DECKER

Fleece Filter Bag

For DTD27905

DeWalt

Item #
DTD279052F

FEIN POWER TOOLS, INC.

Turbo I Vacuum

Turbo I is quiet, powerful and portable. Whether you use it as a shop vac or as part of a dust-free sanding system, the Turbo I is perfect for the shop as well as the home.

- Auto start
- Variable suction
- Voltage: 120 V
- Static water lift: 90”
- Air flow: 116 cfm
- Hose length: 16 ft.; Hose diameter: 1-1/4”
- Capacity dry: 6 gal.; Capacity wet: 5.3 gal.

Item #
FN9-20-24

FEIN POWER TOOLS, INC.

Turbo II Vacuum

Turbo II is our most popular model, the original workhorse of the line. It features more power and greater capacity.

- Auto start
- Variable suction
- Voltage: 120 V
- Static water lift: 90”
- Air flow: 116 cfm
- Hose length: 16 ft.; Hose diameter: 1-1/4”
- Capacity dry: 9 gal.; Capacity wet: 6.8 gal.

Item #
FN9-20-25

FEIN POWER TOOLS, INC.

Turbo III Vacuum

Turbo III has a hefty 15 gallon capacity and even more power for the big jobs. It comes with a 2-1/4” hose and doubles as a clean and efficient workshop dust collector.

- Auto start
- Variable suction
- Voltage: 120 V
- Static water lift: 99”
- Air flow: 126 cfm
- Hose length: 10 ft.; Hose diameter: 2-1/4”
- Capacity dry: 15 gal.; Capacity wet: 12 gal.

Item #
FN9-20-26

NILFISK

Hepa Vacuum

Attix 50

- Push and clean with filter cleaning button
- Washable pet fleece filter
- 12 gallon container
- Accessories include: Hose, curved wand, 2 pc. extension tube, floor nozzle, crevice nozzle, brush nozzle, universal nozzle

Item #
NK900131

NILFISK

Filter Bags

- Filter bag for Attix 8 and 12
- Pack of 5

Item #
NK302001492

DUSTLESS TECHNOLOGIES

Dustless Vacuum Cleaners

Wet/Dry and HEPA

- Powerful 23,000 RPM 11.5 amp electric motor
- 16 gallon capacity
- High impact tank for years of trouble free use
- Patented filter system provides three layers of filtration
- Optional micro pre-filter captures down to .5 microns
- Clean filters without opening canister
- Filters may be cleaned without removing the lid
- No need to change the filter when switching from a dry to wet (the filters never get wet)
- Primary and secondary filters are machine washable synthetic fabric

Item #	Desc.
DL16003	Wet/Dry Model
DL16006	HEPA Model
Accessories	
DL13001	W/D Filter Package
DL13151	Micro Pre-Filter Bag
DL13201	HEPA Filter

shop-vac
THE ORIGINAL WET/DRY VAC

SHOP VAC CORP.

Wet/Dry Ultra Pump Vacuums

- Cord Length: 18 Ft.
- Operation Sound Level: Super/Extra Quiet
- Hose Size: 2.5" Diameter (1.25” & 2.5” for 960-97-10)
- Tank Drain; Blower Feature
- Lock-on Hose; Onboard Accessory Storage
- Built In Water Pump
- Includes: 2-1/2" Dia. X 8' Lock-On hose, (2) 2-1/2" ext. wands, 14" floor nozzle, 8" utility nozzle, crevice tool, concentrator nozzle, elbow grip, foam sleeve, cartridge filter & disposable filter bag

Item #	Capacity (Gal.)	Peak H.P.	CFM
SH960-14-00	14	5.5	190
SH960-97-10	18	6.5	200

SHOP VAC CORP.

Wet/Dry Vacuum

- Stainless steel tank; oversize on board tool storage
- Easy reach switch; convenient side carrying handles
- Super-quiet motor; Up to 6.5 peak HP bypass motor
- Tank drain; high quality cartridge filter for wet or dry pickup
- Heavy duty 2-1/2” hose and tools; high quality drywall collection bag for fine dust pick up
- Included Accessories: 6’x2-1/2” heavy duty hose; 2 - 2-1/2” extension wands; 8” utility nozzle; 14” floor nozzle with squeegee; crevice tool; high quality cartridge filter, and drywall filter bag

Item #	Capacity (Gal.)	Peak H.P.	CFM
SH925-45	10	6.5	175

SHOP VAC CORP.

Wet/Dry Vacuum

- Poly tank; oversize on board tool storage
- On-board cord wrap; 18’ power cord
- Easy reach switch; super-quiet motor
- Large top carrying handle; convenient side carrying handles
- Tank drain; high quality cartridge filter for wet or dry pickup
- Heavy duty 2-1/2” hose and tools; high quality drywall collection bag for fine dust pick up
- Easy roll caster system; anti tip design
- No changing messy filters; no blow through when picking up drywall dust
- Included Accessories: 6’x2-1/2” heavy-duty hose; 2 - 2-1/2” extension wands; 8” utility nozzle; 14” floor nozzle with squeegee; crevice tool; high quality cartridge filter, and drywall filter bag

Item #	Capacity (Gal.)	Peak H.P.	CFM
SH925-40	10	4.0	130
SH925-41	12	5.0	165
SH925-42	16	6.25	170

SHOP VAC CORP.

Cartridge Filter for Wet/Dry Pickup

- Fits full size vacs
- Approximate size of cartridge: 8" diameter and 6.5" high
- For small, dry debris and wet materials

Item #
SH903-04-7

SHOP VAC CORP.

HEPA Cartridge Filter

- For High Efficiency Particulate Air filtration that's 99.97% efficient down to 0.3 microns
- Use for dry pickup only
- Foam sleeve protects filter from being damaged by larger debris
- Approximate size of cartridge: 8" diameter and 6.5" high

Item #
SH903-34-00

SHOP VAC CORP.

Foam Sleeve for Vacuums

- Use the foam sleeve for picking up wet messes when used alone
- The foam sleeve is also required when using reusable disc style filters
- Approximate size of sleeve: 8" diameter and 6.5" high

Item #
SH905-85-00

SHOP VAC CORP.

Super Performance Dacron® Cloth Filter

- Must be used in combination with a 905-85 foam sleeve
- Made from durable Dacron® material, this cloth filter can be washed and reused to help save you both time and money
- Perfect for pick-up of larger debris and dry material

Item #
SH901-15-7

SHOP VAC CORP.

Reusable Disc Filters with Mounting Ring

- Must be used in combination with a 905-85 foam sleeve
- Just wash and reuse, again and again
- Comes in a package of three with easy to use mounting ring for pick-up of larger debris and dry material

Item #
SH901-07-00

shop-vac
THE ORIGINAL WET/DRY VAC

SHOP VAC CORP.

Vacuum Cleaner Filters

- For use with the Hippo®Vac. Disposable filter bags plus prefilter (5 pack)

Item #	Desc.
SH901-46-2	Disposable bags plus prefilter

SHOP VAC CORP.

Drywall Collection Filter Bags

- Specially designed for pick-up of fine dust like drywall and cement dust or cold ashes, these high quality, disposable filter bags
- (2) per pack

Item #	Desc.
SH906-72-62	Fits 10-14 Gal Vacs
SH906-73-00	Fits 16-22 Gal Vacs

SHOP VAC CORP.

Drywall Collection Filter Bags

Dual-Ply

- Specially designed for pick-up of fine dust like drywall and cement dust or cold ashes, these high quality, disposable filter bags
- (5) per pack

Item #	Desc.
SH919-06-10	Fits 10-14 Gal Vacs
SH919-07-10	Fits 16-22 Gav Vacs

SHOP VAC CORP.

Vacuum Hoses

- 8’ x 2-1/2” diameter
- Large diameter helps prevent clogs when vacuuming bulky debris
- Excellent for bulky dry material like wood shavings

Item #
SH905-03-4

SHOP VAC CORP.

Crushproof Vacuum Hoses

- 12’ x 1-1/2” diameter
- All purpose hose for industrial use
- Black, heavy-duty

Item #
SH905-66-1

SHOP VAC CORP.

Vacuum Hose Converter

- Allows you to use 2-1/2" accessories with a 1-1/2" hose

Item #
SH906-49-5

SHOP VAC CORP.

Vacuum Hose Coupling

- Allows you to connect two 2-1/2" hoses together

Item #
SH906-86-7

RIDGID

RIDGE TOOL CO.

12 Gallon Wet/Dry Vac

High Performance

- 5.0 Peak HP Motor
- 12 Gallon drum provides capacity for clean-up of large spills
- On-board Accessory Storage
- 1-Layer Standard pleated paper filter
- Powerful 160 MPH exhaust airstream can be directed through the vac hose to blow sawdust from tools and debris from garages, decks and sidewalks
- Includes: 2-1/2" x 7' Tug-A-Long® Locking Hose, 2 Extension Wands, Utility Nozzle, Car Nozzle, Wet Nozzle, 1-Layer Paper Pleated Filter and owner’s manual
- Motor: Air Watts: 270; CFM: 176; Amps: 10.0; Accessory Size: 2-1/2"

Item #
RI31668

NIKRO INDUSTRIES INC.

Portable Air Scrubber

- Light weight, dent and corrosion resistant portable polyethylene air scrubber

Features:

- 2-speed blower for controlled air flow
- 3-stage filtration with 99.97% @ 0.3 micron HEPA filter
- Filter monitoring gauge
- Hour meter
- 12” exhaust hose flange
- Stackable nesting feature for easy transporting and storage
- Locking casters and side carrying handles
- 2000 CFM (Free Air)
- 115v / 10 amps

Item #
NOPS2009

NIKRO INDUSTRIES INC.

Portable Air Scrubber

- Economical high performance unit features a 2-speed blower for controlled air flow
- 3-stage filtration with 99.97% @ 0.3 micron HEPA filter
- Filter monitoring gauge; hour meter
- 12” exhaust hose flange; 4-caster design and side carrying handles
- The cabinet housing is aluminum with fully welded seams and powder coat paint finish
- 2000 CFM (Free Air); 115v / 11 amps

Item #
NOSC2005

NIKRO INDUSTRIES INC.

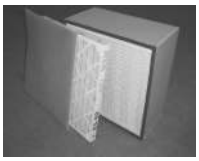
Air Scrubber Accessories

- Intake and outlet hoses and adapters for Nikro Air Scrubbers

Item #	Description
NO860243	12”x25’ Mylar Intake and Exhaust Hose
NO860249	12” Quick Connect Hose Clamp
NO860139	12” Hose-Hose Connector

NIKRO INDUSTRIES INC.

Filters for Portable Air Scrubbers



- Multi-use filters for Nikro Air Scrubbers

Item #	Size	Description
NO550048	24”x24”x2”	Tri-Pleat Filter
NO550047P	24”x24”x1”	Blue Pre-Filter
NO550046	24”x24”x12”	Hepa Filter

OMNITEC DESIGN INC.

HEPA Negative Air Machines

Omniaire 2000V

Air scrubber for removal of toxic mold, asbestos and lead dust during renovation and abatement projects.

- Comes standard with a particle board 99.97% 0.3 HEPA filter and can be upgraded to a metal frame 99.97% 0.3 HEPA filter
- Dimensions (LxWxH): 34”x20”x29”
- Airflow Ratings (cfm): 300 to 1900 (airflows based on blower manufacturer curves. Different HEPA filters may cause the flow to vary)
- Filtration Stages: 3 to 5; Exhaust Collar Diameter: 12”
- Motor: 1 hp with thermal overload; Max. Operating Amps: 12.0

Item #
OA2000V

OMNITEC DESIGN INC.

HEPA Negative Air Machines

OmniAire 2200C

The OmniAire 2000C is a construction grade machine. It delivers the performance of full sized negative air units but is easy to move and set up. Equipped with a 99.97% HEPA filter and 2-stage prefilter, it is used on asbestos, lead and mold abatement projects. The HEPA filter can be replaced with an economical 95% ASHRAE Bag Filter to collect bulk dust from cutting and grinding of concrete, wood and plaster.

- Dimensions (LxWxH): 34”x26”x31”
- Airflow Ratings (cfm): 1000, 2000 (airflows based on blower manufacturer curves. Different HEPA filters may cause the flow to vary)
- Filtration Stages: 3 to 5
- Exhaust Collar Diameter: 12”
- Motor: 1¾ hp with thermal overload; Max. Operating Amps: 13.8

Item #
OA2200C

OMNITEC DESIGN INC.

HEPA Negative Air Machines

OmniAire 2200UL

Air scrubber for removal of toxic mold, asbestos and lead dust during renovation and abatement projects.

- Dimensions (LxWxH): 34”x26”x31”
- Airflow Ratings (cfm): 1000, 2000 (airflows based on blower manufacturer curves. Different HEPA filters may cause the flow to vary)
- Filtration Stages: 3 to 5
- Exhaust Collar Diameter: 12”
- Motor: 1¾ hp with thermal overload; Max. Operating Amp: 13.8

Item #
OA2200UL

DELTA CONSOLIDATED INDUSTRIES

1-1/2 HP Contractor’s Saw

With 30” T2 Fence and Cast Iron Wings

- Blade tilts away from the fence (left tilt) in ripping applications to prevent tearout on the outside corner of a mitered joint
- Large cast-iron table with cast-iron extension wings measure a full 40-1/2" x 27" for maximum material support
- Mobile base attaches directly to wide-stance base for maximum saw support and mobility
- Deluxe T-Slot miter gauge with adjustable stops at 45° and 90°
- Powerful 1-1/2 HP induction motor handles tough cutting operations

Item #
DTDE36-980

DELTA

DELTA CONSOLIDATED INDUSTRIES

Left Tilt Hybrid Saw

With T2 Fence, 30" Rail Tableboard

- Left tilting blade tilts away from fence
- 45° and 90° bevel stops adjustable from the table top; deluxe miter gauge
- Oversized on/off switch with full overload protection

Item #
DTDE36-715

DELTA CONSOLIDATED INDUSTRIES

3 HP Motor 10" Unisaw®

With 52" Biesemeyer® Fence System

- Dual front cranks make adjusting blade height and blade bevel easy, accurate, and repeatable in all your operations
- Biesemeyer® Fence System provides hairline pointer and built-in tape allowing you to make precision set-ups, cut after cut; 9-ply fence faces have improved tolerances like no other as well as an improved cam front lock lever for an over lock with a curved edge

Item #
DTDE36-L352

DELTA CONSOLIDATED INDUSTRIES

12" Variable-Speed Bench Drill Press

- 1/3 HP Induction Motor for long-lasting, smooth performance
- Adjustable-position, locking depth stop for accurate depth measurement and repetitive drilling
- Tilting table with slots for fast clamping of work
- Standard 3-jaw, 1/2" capacity chuck for positive gripping of various drill press cutting tools

Item #
DTDEDP350

DELTA CONSOLIDATED INDUSTRIES

17" Laser Drill Press

- Fully adjustable laser pod projects a crosshair on the work piece to indicate the location of bit contact
- Woodworker's table has a removable insert for through drilling with large bits and accommodates sanding drums as well
- Unique table is designed to eliminate auxiliary fixtures by tilting left, right and forward
- Heavy-duty 3/4 HP motor provides ample power for demanding applications

Item #
DTDE17-959L

DELTA CONSOLIDATED INDUSTRIES

4" Quick-Release Drill Press Vise

- Holds wood and metal work pieces up to 4" wide
- Built-in groove holds dowels and other round materials

Item #
DTDE20-622

DELTA CONSOLIDATED INDUSTRIES

14" Band Saw

With 1 HP Motor and Enclosed Stand

- Full 16"x16" cast-iron table tilts 45° right and 3° left for beveling operations
- Capacity to cut stock up to 6-1/4" thick (12-1/4" with height attachment)
- Two-speed pulley position

Item #
DTDE28-206

DELTA CONSOLIDATED INDUSTRIES

6" Professional Jointer

- Delta®'s 6" professional jointer makes it easy with a 1 HP motor, rack and pinion fence system, three-knife cutterhead and easy-to-position infeed table

Item #
DTDE370275X

DELTA CONSOLIDATED INDUSTRIES

12-1/2" Variable-Speed Midi-Lathe®

- Powerful 1 HP max, 1,725 rpm motor
- Large 12-1/2" swing capacity provides the largest capacity in its class
- Electronic Variable Speed with three-pulley speed ranges provide the required speeds needed to turn a project without changing belt position
- Includes 3" face plate, 6" tool rest and 10" tool rest - Turning long spindles require either a longer tool rest or the user to continually move the short tool rest; turning short work requires a short spindle; the long spindle will not allow the turner to get close enough to the piece
- Extension Bed (Model 46-463) is a 25-1/2" long cast-iron bed that increases the overall bed length of the 46-460 to 42"

Item #
DTDE46-460

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

DELTA CONSOLIDATED INDUSTRIES

6” Variable-Speed Grinder

With Tool-less Quick Change

- Variable-speed grinder with tool-less quick change with a 2 amp, 120V/60Hz, 2000-3450 RPM induction motor
- Flexible lamp
- Tool rests
- Eye shields
- Spark deflectors
- Grinding and white friable sharpening wheels
- Wrench and diamond
- Wheel dresser and instruction manual

Item #
DTDEGR275

DELTA CONSOLIDATED INDUSTRIES

8” Variable-Speed Grinder

With Tool-less Quick Change

- Variable-speed grinder with patent pending tool-less quick change with a 5-amp, 60 Hz, 1725-3450 RPM, single phase motor
- Patent pending quick change/tool-less wheel changing system
- Flexible lamp
- Cast iron tool rest
- Eye shields
- Spark deflectors
- Coarse, friable, buffing wheels
- Diamond wheel dresser

Item #
DTDEGR450

DELTA CONSOLIDATED INDUSTRIES

1 HP Motor Dust Collector 650 CFM

- 1 HP TEFC Induction motor for long-lasting, smooth performance
- 1 Micron top filter bag for superior fine dust filtration
- Clear disposable bottom bags for fill and toss convenience

Item #
DTDE50-720

DELTA CONSOLIDATED INDUSTRIES

Carbide Tipped Blades

- Fine-grain industrial carbide tips highly-ground for smooth finish and long life
- Large carbide tips can be re-sharpened up to 15 times
- Chrome-alloy steel body with heavy kerf, balanced for running accuracy
- Expansion slots to dissipate heat, reduce noise level, and prevent warping

Item #	Material Type	Size (in.)	Teeth	Tooth Type
DTDE35-7640	Natural woods, plywood, particle board, and MDF	10	50T	ATB+R
DTDE35-7645	Softwoods, hardwoods, plywood and veneer laminates	10	60T	ATB
DTDE35-7646	Softwoods, hardwoods, plywood and veneer laminates	10	60T	ATB
DTDE35-7647	Softwoods, hardwoods, plywood, and veneer laminates	10	80T	ATB
DTDE35-7648	Softwoods, hardwoods, plywood and veneer laminates	12	60T	ATB
DTDE35-7660	Laminates, MDF, and particle board	10	80T	TCG
DTDE35-7662	Melamines and veneers	10	80T	H-ATB
DTDE35-7666	Aluminum, brass, other non-ferrous metals	12	80T	TCG

DELTA CONSOLIDATED INDUSTRIES

8” Stacked Dado Set

- Micro-grain carbide teeth deliver clean cuts and reduce splintering
- 4-Tooth chippers give smooth, flat bottom cuts
- Stainless-steel shims allow for ultra-fine width adjustments

Item #
DTDE35-7670

PORTER+CABLE

PORTER CABLE

1/4 Sheet Palm Sander Kit

- 2.4 Amp motor for power and durability in the shop
- Porous polyethylene dust canister exceeds durability of cloth dust bags
- Dual dust ports accept 1" and 1-1/2" vacuum hoses

Item #

DTPC342K

PORTER CABLE

5" Low Profile Random Orbit Sander Kit

With Hook & Loop Pad

- 3.5 Amp EnduraTech Motor for increased performance and durability
- Electronic Load Control for 42% faster material removal
- Mechanical pad brake reduces free-spin to virtually eliminate gouging
- Low profile design reduces sander height by 31% for better control and finish
- Variable speed dial, 7,500 - 12,000 opm, optimizes removal rate on a variety of materials
- Integral dust port accepts 1" and 1-1/2" vacuum hoses for optimal dust collection

Item #

DTPC390K

PORTER CABLE

5" Random Orbit Sander Kit

- 3.0 Amp motor for power and durability in the shop
- Porous polyethylene dust canister exceeds durability of cloth dust bags
- Top cap design allows users to service or clean out the unit quickly
- Dual dust ports accept 1" and 1-1/2" vacuum hoses

Item #3

DTPC343K

PORTER CABLE

3" x 21" Variable-Speed Sander

- 8 Amp motor, AC only
- Variable-speed dial 850-1,300 SFPM
- Belt and gear drive system transfers power from the motor to the sanding belt
- Designed for flush sanding up to vertical surfaces
- Dust Bag Swivels 360°
- Fingertip belt-tracking knob

Item #

DTPC352VS

PORTER CABLE

3" x 24" Variable-Speed Sander

- Powerful 12 Amp motor
- Belt and gear drive system transfers power from the motor to the sanding belt
- Variable-sp1eed dial is conveniently placed on the handle, allowing belt speed adjustment from 1,000 to 1,500 SFPM
- Quick-release belt-change lever
- Fingertip belt-tracking knob for quick, accurate belt adjustments
- Large capacity dust collection bag swivels 360°

Item #

DTPC360VS

PORTER CABLE

4" x 24" Variable-Speed Belt Sander

- Powerful 12 Amp motor provides professional power
- Variable-speed dial is conveniently placed on the handle, allowing belt speed adjustment from 1,000 to 1,500 SFPM
- Quick-release belt-change lever
- Fingertip belt-tracking knob for quick, accurate belt adjustments
- Large capacity dust collection bag swivels 360°

Item #

DTPC362V

PORTER CABLE

Laminate Trimmer

- Durable 5.6 Amp, 30,000 rpm motor
- Perfect for most trimming, small edge forming and hinge routing applications
- Micro-set™ adjustment knob enables quick and accurate bit-depth setting
- Spindle lock feature allows for single wrench bit changes
- Fixed base design allows for excellent bit visibility
- 1/4" collet

Item #

DTPC7310

PORTER CABLE

Offset Laminate Trimmer

- Durable 5.6 Amp, 30,000 rpm motor
- Offset base enables backsplash trimming, scribing to wall and trimming of 90° corners
- Precision cast aluminum base provides long-term durability
- Dust-sealed switch and sealed ball bearing construction enhance tool durability
- 1/4" collet

Item #

DTPC7312

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

PORTER+CABLE

PORTER CABLE

Deluxe Laminate Trimmer Kit

- Durable 5.6 Amp, 30,000 rpm motor
- Perfect for most trimming, small edge forming and hinge routing applications
- Micro-set™ adjustment knob enables quick and accurate bit-depth setting
- Fixed base design allows for excellent bit visibility
- Offset base enables backsplash trimming, scribing to wall and trimming of 90° corners
- Precision cast aluminum base provides long-term durability
- 1/4" collet

Item #
DTPC97311

PORTER CABLE

1-3/4 HP (Maximum Motor HP) Router

- 11 Amp motor producing 1-3/4 Peak HP
- 27,500 rpm single speed motor
- Cam lock lever enables simple coarse height adjustments and motor release (fixed base)
- Micrometer depth adjustor accurate to 1/128"
- Precision machined aluminum motor housing and base
- Collets included to accept 1/4" and 1/2" shank bits

Item #
DTPC690LR

PORTER CABLE

2-1/4 HP (Maximum Motor HP) Multi-Base Router Kit

With Router Table Height Adjuster

- Soft-starting, 12 Amp motor features full-time electronic feedback that maintains motor speed through the toughest applications
- Variable-speed control feature (10,000 - 23,000 rpm) enables bit speed to be optimized for changing applications
- Release the motor, adjust bit height and clamp the motor from above the router table with model #75301 kit (included); fixed base only
- Depth rod with 6-position adjustable turret enables stepped or repeated plunge cuts
- Rack and pinion adjustment provides fine depth settings to 1/128" (fixed base only)
- Clear Lexan® sub-base provides improved durability and bit visibility
- Flat side on plunge base allows user to work in tighter spaces and provides a straight reference point
- Collets included to accept 1/4" and 1/2" shank bits

Item #
DTPC895PK

PORTER CABLE

3-1/4 HP (Maximum Motor HP) Five-Speed Router

- 15 Amp motor provides the power and durability necessary for the toughest applications
- Versatile, electronic five-speed motor with 10,000, 13,000, 16,000, 19,000, and 21,000 rpm settings accommodates various router bit cutting diameters and applications
- Soft-start feature reduces torque at start-up and motor maintains constant speed under load

Item #
DTPC7518

PORTER CABLE

Deluxe Plate Joiner Kit

- 7.0 Amp, 120 V, AC only, 10,000 rpm
- 1" O.D. dust port accepts standard bag or can be connected to a vacuum
- Fence tilts from 0° to 135° with positive adjustable stop at 90°
- Includes both 2" and 4" diameter blades for standard and face-frame biscuits
- Seven-position rotating depth stop for FF, #0, #10, #20, Simplex, Duplex, and Max (#6) biscuits
- Bale handle attached to fence, not motor, for greater stability and added control during cuts

Item #
DTPC557

PORTER CABLE

12” Deluxe Dovetail Jig Combination Kit

- Includes template 4211 for half-blind, rabbeted half-blind and sliding dovetails
- Includes template 4213 for through dovetails and box joints
- Includes template 4215 for miniature through and half-blind dovetails, and miniature box joints
- Template alignment lines and router bit depth gauges allow for quick, easy set-up
- Accommodates stock from 1/4" to 1-1/8" thick

Item #
DTPC4216

PORTER CABLE

Joining Biscuits

- Tube of plate joining biscuits

Item #	Desc.	Qty. Per Tube
DTPC5560	No. 0	150
DTPC5561	No. 10	125
DTPC5562	No. 20	100
DTPC5563	Face Frame	175

PORTER-CABLE

PORTER CABLE

11.5 Amp Quik-Change Tiger Saw

Variable Speed/Dual Action

Porter Cable

- Extra heavy-duty 11.5 AMP motor provides maximum power for all cutting applications
- Electronic variable speed, 0-2,600 SPM, maintains speed under load for smooth consistent cutting
- Full 1-1/8" cutting stroke length

Specifications:

- Strokes/Min: 0-2,600 spm
- Stroke Length: 1-1/8"
- Keyless Blade Clamp: Yes - Quik-Change™
- Orbital Action: Yes

Item #
PTC9748

ROUSSEAU CO.
Quality Power Tool Accessories

ROUSSEAU

Table Saw Stand

Porta Max

- Rip capacity to 27"
- Comfortable 34-1/2" work height with HPL professional grade laminate on both sides of top
- Powder coated steel construction
- Fit most saws
- The heart of our Table Saw Stand is our highly accurate Fence System

Fence System Features:

- Constructed of 2" tubular steel

Item #
RU2700XL

ROUSSEAU

Miter Saw Stand

- 36" x 19.25" Platform
- Designed to fit saws with wider bases & sliding back fences
- Sturdy all-steel construction
- Powder coated finish
- Stop System Included
- Stable 3" industrial locking casters
- Quick release hinge
- Sturdy support wings

Item #
RU2875XL

ROUSSEAU

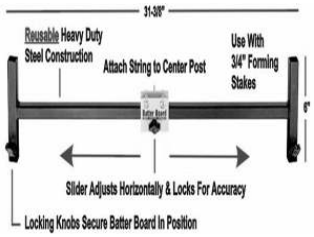
Miter Saw Stand

- Fold & Go
- Fits all saws
- 35.5" work height
- 16" x 32" mounting surface
- 13" Roller stands & bases with 12' overall stock support included
- Powder coated finish
- Positive locking hinge supports with unbreakable spring loaded leg catch
- 10" Pneumatic tires & adjustable levelers for uneven ground

Item #
RU2950

ROUSSEAU

Batter Board System



- Reusable
- Improve productivity
- Increase accuracy

System Includes:

- Powder coated steel batter boards
- Adjustable locking sliders
- String line

Item #	Desc.
RU4004	Set of 4
RU4008	Set of 8

Powers FASTENERS

POWERS FASTENERS

Carbide Drill Bits

Quatro™ Head SDS-Plus®

- Quatro™ Head SDS-Plus® carbide drill bits are designed to reduce vibration up to 60% and noise up to 30%
- These bits produce rounder and more accurately located anchor holes

Item #	Size (in.)	Usable Length (in.)
RL7094	1⅛ x 18	16
RL7095	1¼ x 18	16

POWERS FASTENERS

Carbide Drill Bits

SDS-Plus® / S-4 Plus™

- Use in: Rotary hammer with SDS chuck or SDS adapter

Item #	Desc.	Size (in.)	Usable Length (in.)
RL0302		5⁄32 x 6	4
RL0304		3⁄16 x 4	2
RL0306		3⁄16 x 6	4
RL0308		3⁄16 x 8	6
RL0310		3⁄16 x 10	8
RL0312		3⁄16 x 12	10
RL0314		3⁄16 x 14	12
RL0320		1⁄4 x 4	2
RL0321		1⁄4 x 6	4
RL0322		1⁄4 x 8	6
RL0323		1⁄4 x 11	9
RL0324		1⁄4 x 14	12
RL0325		1⁄4 x 16	14
RL0327		1⁄4 x 20	18
RL0329		5⁄16 x 6	4
RL0331		5⁄16 x 12	10
RL0333		3⁄8 x 6	4
RL0334		3⁄8 x 8	6
RL0336		3⁄8 x 12	10
RL0338		3⁄8 x 18	16
RL0339		3⁄8 x 24	22
RL0341		7⁄16 x 6	4
RL0343		7⁄16 x 12	10
RL0346		1⁄2 x 6	4
RL0348		1⁄2 x 10	8
RL0349		1⁄2 x 12	10
RL0351		1⁄2 x 18	16
RL0352		1⁄2 x 24	22
RL0354		9⁄16 x 6	4
RL0355		9⁄16 x 10	8
RL0359		5⁄8 x 8	6
RL0361		5⁄8 x 12	10
RL0362		5⁄8 x 18	16
RL0364		11⁄16 x 8	6
RL0365		11⁄16 x 12	10
RL0368		3⁄4 x 8	6
RL0370		3⁄4 x 12	10
RL0371		3⁄4 x 18	16
RL0375		7⁄8 x 8	6
RL0376		7⁄8 x 12	10
RL0377		7⁄8 x 18	16
RL0379		1 x 8	6
RL0380		1 x 10	8
RL0381		1 x 12	10
RL0382		1 x 18	16
RL0394	Spline to SDS Adapter		
RL0396	SDS Max Adapter		

POWERS FASTENERS

Carbide Drill Bits

Quatro™ Head Spline

- Use In: Rotary hammer with spline chuck

- The Quatro™ head design has four cutting faces which reduces vibration up to 60% and noise up to 30%; these bits produce rounder and more accurately located anchor holes

Item #	Size (in.)	Usable Length (in.)
RL7020	5⁄8 x 16	11
RL7021	5⁄8 x 23	18
RL7031	3⁄4 x 11	6
RL7033	3⁄4 x 16	11
RL7035	3⁄4 x 23	18
RL7036	3⁄4 x 27	22
RL7043	7⁄8 x 16	11
RL7045	7⁄8 x 23	18
RL7049	1 x 16	11
RL7051	1 x 23	18
RL7057	1 1⁄8 x 16	11
RL7059	1 1⁄8 x 23	18
RL7064	1 1⁄4 x 16	11
RL7066	1 1⁄4 x 23	18
RL7072	1 3⁄8 x 23	18
RL7077	1 1⁄2 x 23	18

POWERS FASTENERS

Carbide Drill Bits

Single Tip Spline

- Use in: Rotary hammer with spline chuck
- The bits are manufactured to conform with ANSI standard B212.15 and can be used to drill in concrete, block, brick, and soft stone; single tip head style is available
- These bits produce rounder and more accurately located anchor holes
- Std. Tube: 1

Item #	Size (in.)	Usable Length (in.)
RL1402	⅜ x 11	6
RL1403	⅜ x 16	11
RL1407	½ x 10	5
RL1409	½ x 16	11
RL1410	½ x 23	18
RL1412	½ x 27	22
RL1413	½ x 36	31
RL1420	⅝ x 16	11
RL1421	⅝ x 22	18
RL1433	¾ x 16	11
RL1434	¾ x 22	18
RL1436	¾ x 27	22
RL1443	⅞ x 16	11
RL1444	⅞ x 22	18
RL1446	⅞ x 36	31
RL1449	1 x 16	11
RL1450	1 x 22	18
RL1457	1⅛ x 16	11
RL1458	1⅛ x 22	18
RL1464	1¼ x 16	11
RL1465	1¼ x 22 18	18
RL1470	1⅜ X 16	11
RL1477	1½ x 22	18
RL1490	2 x 22	18

POWERS FASTENERS

Carbide Drill Bits

SDS-Max®

- Use in: Rotary hammer with SDS-Max® chuck
- The bits are manufactured to conform with ANSI standard B212.15 and can be used to drill in concrete, block, brick, and soft stone
- Most SDS-Max® carbide drill bits have the Quatro™ head design which reduces vibration up to 60% and noise up to 30%

Item #	Size (in.)	Usable Length (in.)
RL8801	½ x 13	8
RL8802	½ x 21	16
RL8809	⅝ x 13	8
RL8810	⅝ x 21	16
RL8812	⅝ x 36	31
RL8817	¾ x 13	8
RL8818	¾ x 21	16
RL8820	¾ x 36	31
RL8829	⅞ x 13	8
RL8830	⅞ x 21	16
RL8833	1 x 13	8
RL8834	1 x 21	16
RL8836	1 x 36	31
RL8843	1⅛ x 15	10
RL8844	1⅛ x 23	18
RL8846	1¼ x 15	10
RL8847	1¼ x 23	18
RL8848	1¼ x 36	31
RL8853	1⅜ x 23	18
RL8859	1½ x 23	18

POWERS FASTENERS

Straight Shank Hammer Drill Bits

Heavy-Duty

- Heavy-duty straight shank carbide bits are designed for use in a hammer drill equipped with a 3 jaw jacobs type chuck; the bits meet ANSI standards and can be used to drill in concrete, block, brick, and soft stone

Item #	Drill Size (in.)	Useable Length	Shank Size (in.)
RL0501	⅛ x 3	2¼	⅛
RL0503	5⁄32 x 6	4	5⁄32
RL0504	3⁄16 x 4	2¾	3⁄16
RL0505	3⁄16 x 6	4	3⁄16
RL0512	¼ x 4	2¾	¼
RL0513	¼ x 6	4	¼
RL0514	¼ x 12	10	¼
RL0519	5⁄16 x 6	4	5⁄16
RL0522	⅜ x 6	4	⅜
RL0523	⅜ x 12	10	⅜
RL0531	½ x 6	4	⅜
RL0538	⅝ x 6	4	½
RL0545	¾ x 6	4	½
RL0547	¾ x 13	11	½

POWERS FASTENERS

Heavy-Duty Chisel

Spline Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone

Item #	Overall Length (in.)
RL0950	12
RL0951	18

POWERS FASTENERS

Heavy-Duty Chisel

SDS-Max Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone

Item #	Overall Length (in.)
RL0965	12
RL0966	18

POWERS FASTENERS

Heavy-Duty Chisel

Spline Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Size or Width: 1-3/4" x 1-3/4"
- Overall Length: 10"

Item #
RL0960

POWERS FASTENERS

Heavy-Duty Chisel

SDS-Max Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Size or Width: 1-3/4" x 1-3/4"
- Overall Length: 10"

Item #
RL0975

POWERS FASTENERS

Heavy-Duty Chisel

Spline Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Size or Width: 1"

Item #	Overall Length (in.)
RL0952	12
RL0953	18

POWERS FASTENERS

Heavy-Duty Chisel

SDS-Max Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Size or Width: 1"

Item #	Overall Length (in.)
RL0967	12
RL0968	18

POWERS FASTENERS

Heavy-Duty Chisel

3/4" Hex

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Size or Width: 1"

Item #	Overall Length (in.)
RL0982	12
RL0983	18

POWERS FASTENERS

Heavy-Duty Chisel

Spline Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Size or Width: 5/8" & 3/4" Rod
- Overall Length:10-1/2"

Item #
RL0959

POWERS FASTENERS

Heavy-Duty Chisel

SDS-Max Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Size or Width: 5/8"
- Overall Length: 10"

Item #
RL0974

POWERS FASTENERS

Heavy-Duty Chisel

Spline Shank

- Heavy-duty chisels and accessories are designed for use in a combination rotary hammer/chipping tool equipped with a Spline, SDS-Max®, or 3/4" Hex chuck
- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Overall Length: 12"

Item #	Size or Width (in.)
RL0954	1½
RL0955	2

POWERS FASTENERS

Heavy-Duty Chisel

SDS-Max Shank

- The chisels can be used for chipping applications in concrete, block, brick, and soft stone
- Overall Length: 12”

Item #	Overall Length (in.)
RL0969	1½
RL0970	2

RELTON CORP.

Multi-Purpose Bit Kit

Rotary/Percussion

Groo-V™

- Specially designed for drilling granite and other extra-hard materials
- Has a serrated edge carbide allowing it to penetrate much faster than a standard masonry bit
- Kit Includes: 3/16”, 1/4”, 5/16”, 3/8”, 1/2”
- 6” bit length

Item #
REGRT-K5

RELTON CORP.

Rebar Cutters

- Carbide tipped
- Designed for use in 1/2” drill motor
- Intended for rotary drilling only

Item #	Diameter (in.)	Overall Length (in.)
RERB-6	⅜	8
RERB-8	½	12
RERB-9	9⁄16	12
RERB-10	⅝	12
RERB-12	¾	12
Bit with Removable Shank		
RERB-14	⅞	12
RERB-16	1	12
RERB-18	1⅛	12
RERB-20	1¼	12
RERB-22	1⅜	12
RERB-24	1½	12
RERB-32	2	12

RELTON CORP.

SDS + Drop-in Stop Bits

- Shoulder prevents over drilling - nice when overhead
- No lost time or energy drilling further than necessary
- Less likely to hit reinforcing steel or post-tensioned cable in concrete
- Anchor is set at specified depth, does not drop too far into hole

Item #	Diameter (in.)	Drilling Depth (in.)
	⅜	1-1⁄16
	½	13⁄16
	½	1-11⁄16
	⅝	1-3⁄16
	⅝	2-1⁄16

RELTON CORP.

Aluminum Cutting Fluids

A-9®

- Eases all operations on aluminum: milling, broaching, drilling, threading, tapping, reaming, sawing, etc.
- Contains anti-mist component for a healthier work environment
- Contains a scientific blend of chemicals that attach themselves to aluminum surfaces, forming an extreme-pressure boundary lubricant between tool and work surface

Item #	Desc.
RE4A9	4 Ounce Cans
RE16A9	Pint Cans
RE1A9	1 Gallon Bottles

RELTON CORP.

All-Metal Cutting Fluids

New Rapid Tap®

- Greatly extended tool life
- Super-fine machined finish in operation after operation
- Anti-mist protection for a healthier work environment
- No special labeling or reporting
- Excels in tough materials
- Contains no 1,1,1- trichloroethane or other ozone-depleting chemicals

Item #	Size
RE4RT	4 Ounce Can
RE16RT	Pint Can
RE1RT	1 Gallon Can

RELTON

RELTON CORP.

Metal Cutting Fluids

Option 1®

- Option 1 leaves no oily residue
- Water-based
- No 1,1,1- trichloroethane or other ozone-depleting chemicals
- Cleans up with clean dry cloth or water
- Great for use in computer clean rooms, hospitals or when a weld operation follows machining operations

Item #	Size
RE01G-OP	1 Gallon Bottle

RELTON CORP.

Band-Saw Fluid Concentrate

Rel Saw™

- Improves blade life
- Stable over a wide variety of water conditions
- Promotes cleaner-running machines compared to soluble oils
- Reduces machine wear
- Long emulsion life
- Contains rust and corrosion inhibitors
- Fortified with boundary lubricants

Item #	Size
RE05G-RS	5 Gallon Pail

RELTON CORP.

Lubricating Stick Waxes

Stick-Kut™

- Safe and effective lubricant for grinding wheels, sanding belts and saw blades
- Eliminates heat build up and belt loading
- Extends wheel life
- Provides smooth, cool cutting
- Reduces loading, stops binding, and prevents burring

Item #	Size
RE15-SK	15 oz. Stick

DEWALT

BLACK & DECKER

Rotary Hammer Bits

SDS-Plus®

DeWalt

- Rock Carbide™ SDS Plus Bits
- Pilot-Point® tip starts on contact for greater accuracy
- Serrated titanium carbide tip provides extreme durability for longer drilling life
- Improved flute design pulls dust quickly for faster drilling

Item #	Dia. (in.)	Usable Length (in.)	Overall Length (in.)
DTDW5401	5/32	4½	6½
DTDW5402	3/16	2	4
DTDW5403	3/16	4½	6½
DTDW5404	3/16	6½	8½
DTDW5405	3/16	8	10
DTDW5407	3/16	12	14
DTDW5408	3/16	14	16
DTDW5410	7/32	4	6
DTDW5412	7/32	8	10
DTDW5417	1/4	4	6
DTDW5418	1/4	6½	8½
DTDW5420	1/4	10	12
DTDW5424	5/16	4	6
DTDW5427	3/8	4	6
DTDW5429	3/8	8	10
DTDW5431	3/8	16	18
DTDW5433	7/16	4	6
DTDW5435	7/16	10	12
DTDW5437	1/2	4	6
DTDW5438	1/2	8	10
DTDW5444	9/16	16	18
DTDW5449	5/8	22	24
DTDW5457	3/4	22	24
DTDW5464	1	8	10

BLACK & DECKER

Drive Chisels

SDS-Plus®

DeWalt

- For light chipping and chiseling with SDS rotary hammers

Item #	Desc.	Size (in.)	Wt
DTDW5349	Scraping Chisel	1½ x 10	4
DTDW5348	Bull Point Chisel	10	1
DTDW5350	Cold Chisel	¾ x 10	1

DEWALT

BLACK & DECKER

Carbide-Tipped Bits

Spline Shank

DeWalt

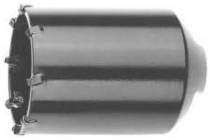
- Spline shank carbide-tipped bits; 22 Cutter head design

Item #	Dia. (in.)	Usable Lgth. (in.)	Overall Lgth. (in.)
DTDW5706	½	22	27
DTDW5709	⅝	5	10
DTDW5711	⅝	17	22
DTDW5712	⅝	22	27
DTDW5714	¾	5	10
DTDW5717	¾	22	27
DTDW5719	⅞	11	16
DTDW5720	⅞	17	22
DTDW5721	1	11	16
DTDW5722	1	17	22
DTDW5723	1	31	36
DTDW5724	1⅛	5	10
DTDW5725	1⅛	11	16
DTDW5726	1⅛	17	22
DTDW5728	1¼	17	22
DTDW5729	1⅜	11	16
DTDW5730	1⅜	17	22
DTDW5732	1½	17	22
DTDW5733	1¾	17	22
DTDW5734	2	17	22

BLACK & DECKER

Carbide Hammer Core Bits

DeWalt



- Head design reduces friction and penetrates material quickly
- Alternating tooth design (pointed and flat) crushes concrete and removes debris
- Tungsten carbide teeth for maximum durability; hardened steel body resists breakage

Item #	Desc.
DTDW5900	1½ in. x 4 in. Core Body
DTDW5901	2 in. x 4 in. Core Body
DTDW5902	2½ in. x 4 in. Core Body
DTDW5903	3 in. x 4 in. Core Body
DTDW5904	3½ in. x 4 in. Core Body
DTDW5905	4 in. x 4 in. Core Body
DTDW5906	5 in. x 4 in. Core Body
DTDW5907	Centering Bit
DTDW5909	7 in. Spline Shank
DTDW5910	16 in. Spline Shank
DTDW5911	7 in. SDS Max Shank

BLACK & DECKER

Masonry Shank Rotary Hammer Bits

SDS-Max™ Carbide Tipped

DeWalt

- Fits SDS-Max™ rotary hammer drills
- Features include: Hardened core shank reduces breakage and double flute design gives quicker dust extraction and faster drilling

Cutter head design:

- 4 cutter heads reduce vibration for less user fatigue and concave head design allows dust to enter flute chambers quickly increasing bit life (5/8 to 2" Dia.)

Item #	Usable Length (in.)	Dia.xLength
DTDW5803	8	½x13½
DTDW5809	16	⅝x21½
DTDW5807	31	⅝X36
DTDW5810	8	¾x13½
DTDW5813	31	¾X36
DTDW5814	16	16
DTDW5815	8	⅞X13½
DTDW5819	16	1x21½
DTDW5820	31	1X36
DTDW5826	31	1¼X36
DTDW5827	18	1½X22½
DTDW5830	18	1¾X22½
DTDW5831	18	2X22½

BLACK & DECKER

Chipping & Chiseling Bits

SDS-Max™

DeWalt

- Fits SDS-Max™ rotary hammers

Item #	Desc.	Size (in.)
DTDW5837	Scaling Chisel	2x15
DTDW5833	Bull Point Chisel	12
DTDW5834	Cold Chisel	⅞x12

DEWALT

BLACK & DECKER

Concrete Chipping & Chiseling Tools

SDS-Max™

DeWalt

- Made from hardened steel to reduce breakage and provide long life
- For use with SDS Max rotary hammers
- For light chipping and chiseling of tile, mortar, glazing compounds, and other masonry products

Item #	Desc.
DTDW5832	12 in. Bull Point Chisel
DTDW5835	⅞ in. x 16 in. Cold Chisel
DTDW5835B15	⅞ in. x 16 in. Cold Chisel
DTDW5838	3 x 12 Scaling Chisel
DTDW5848B	Clay Spade
DTDW5843	1⅜ x 12 Bushing Tool
DTDW5846	Asphalt Cutter
DTDW5847	Ground Rod Driver
DTDW5842	1⅛ in. x 12 in. Slotting Chisel

BLACK & DECKER

Concrete & Masonry Demolition Hammer Bits

3/4" Hex Shank

DeWalt

- For 3/4" hex shank demolition hammers

Item #	Desc.	Size (in.)
DTDW5953	Flat Chisel	1x12
DTDW5954	Flat Chisel	1x20
DTDW5950	Moil Point Chisel	12
DTDW5951	Moil Point Chisel	20
DTDW5952	3 in. Wide Scaling Chisel	3x12
DTDW5958	Ground Rod Driver	¾

BLACK & DECKER

Concrete Drivers & Chisels

Spline Shank

DeWalt

- DeWalt® demolition hammer steel is made from hardened steel to reduce breakage and provide long life
- For use with rotary hammers that accept 3/4" hex by 21/32" round shanks

Item #	Desc.
DTDW5773	1½ in. x 12 in. Scaling Chisel
DTDW5774	2 in. x 12 in. Scaling Chisel
DTDW5785	⅝ in. - ¾ in. Ground Rod Driver

BLACK & DECKER

Drill Bits

SDS-Plus®

DeWalt

- Pilot Point (R) tip starts on contact for greater accuracy
- Serrated titanium carbide tip breaks up material faster and provides extreme durability
- Improved flute design pulls dust quickly for faster drilling

Item #	Size	Usable Length (in.)
DTDW5401B25	5/32 x 6½	4½
DTDW5403B25	3/16 x 6½	4½
DTDW5406	3/16 x 10	8
DTDW5416	¼ x 4	2
DTDW5416B25	¼ x 4	2
DTDW5417B25	¼ x 6	4
DTDW5418B25	¼ x 8½	6½
DTDW5421	¼ x 14	12
DTDW5424B25	5/16 x 6	4
DTDW5426	5/16 12	10
DTDW5427B25	⅜ x 6	4
DTDW5430	⅜ x 12	10
DTDW5432	⅜ x 24	22
DTDW5437B25	½ x 6	4
DTDW5439	½ x 12	10
DTDW5440	½ x 18	16
DTDW5441	½ x 24	22
DTDW5442	9/16 x 6	4
DTDW5443	9/16 x 12	10
DTDW5446	⅝ x 8	6
DTDW5447	⅝ x 12	10
DTDW5448	⅝ x 18	16
DTDW5450	11/16 x 8	6
DTDW5453	¾ x 8	6
DTDW5455	¾ x 12	10
DTDW5456	¾ x 18	16
DTDW5460	⅞ x 8	6
DTDW5461	⅞ x 12	10
DTDW5462	⅞ x 18	16
DTDW5466	1 x 18	16

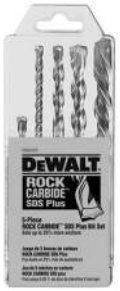
DEWALT

BLACK & DECKER

Drill Bit Set 5-Piece

SDS-Plus®

DeWalt



- Rock Carbide™ tip maximizes carbide surface contact for longer bit life
- Four flute design cleans debris out for fast, efficient drilling
- Includes: 3/16" x 4-1/2" x 6-1/2"; 1/4" x 2" x 4"; 1/4" x 4" x 6"; 3/8" x 4" x 6"; 1/2" x 4" x 6"

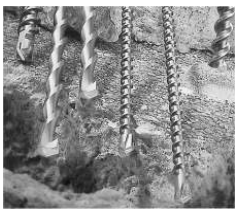
Item #
DTDW5470

BLACK & DECKER

Hammer Bits

Spline

DeWalt



- Hardened core reduces breakage
- Double flute removes material faster for more efficient drilling
- Concave head design allows dust to enter flute chambers quickly increasing bit life

Item #	Size	Usable Length (in.)
DTDW5700	⅜ x 10	5
DTDW5701	⅜ x 13	8
DTDW5703	½ x 10	5
DTDW5704	½ x 16	11
DTDW5705	½ x 22	17
DTDW5740	⅝ x 10	5
DTDW5741	⅝ x 16	11
DTDW5742	⅝ x 22	17
DTDW5746	¾ x 10	5
DTDW5747	¾ x 16	11
DTDW5748	¾ x 22	17
DTDW5749	¾ x 27	22
DTDW5752	⅞ x 16	11
DTDW5753	⅞ x 22	17
DTDW5755	1 x 22	17
DTDW5756	1 x 16	11
DTDW5757	1 x 36	31
DTDW5758	1⅛ x 16	11
DTDW5759	1⅛ x 22	17
DTDW5760	1¼ x 16	11
DTDW5761	1¼ x 22	17
DTDW5765	1⅜ x 22	17
DTDW5764	1½ x 22	17

BLACK & DECKER

Drive Accessories

Spline, Chiseling & Chipping

DeWalt

- Use with spline drive

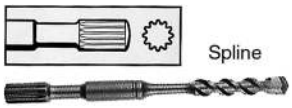
Item #	Type of Tool	Size (in.)
DTDW5772	Slotting Chisel	1½ x 12
DTDW5770	Bull Point Chisel	12
DTDW5771	Bull Point Chisel	18
DTDW5779	Cold Chisel	½ x 12
DTDW5780	Cold Chisel	½ x 18
DTDW5780B15	Cold Chisel	½ x 18
DTDW5782	Bushing Tool	1⅜ sq. x 12
DTDW5786B	Clay Spade	¾ x 21/32
DTDW5783	Bushing Tool	¾ x 21/32
DTDW5781	Asphalt Cutter	¾ x 21/32

BLACK & DECKER

Spline Shank Hammer Bit

2 Cutter Head Design

DeWalt



- Large flute access for better dust extraction and longer life
- Double flute design gives quicker dust extraction and faster drilling
- Hardened core reduces breakage

Item #	Dia. (in.)	Usable Length (in.)	Overall Length (in.)
DTDW5702	7/16	5	10
DTDW5708	9/16	5	10
DTDW5710	⅝	11	16
DTDW5713	11/16	5	10
DTDW5715	¾	11	16
DTDW5716	¾	17	22
DTDW5727	1¼	11	16
DTDW5731	1½	11	16

DEWALT

BLACK & DECKER

Rotary Hammer Bits

SDS-Max™

DeWalt

2 Cutter Head Design:

- Large flute access for better dust extraction and longer life

4 Cutter Head Design:

- Four cutter heads reduce vibration for less user fatigue
- Concave heads design allows dust to enter flute chambers quickly, increasing bit life

Item #	Dia.	Usable Length (in.)	Overall Length (in.)
DTDW5804	½	16	21½
DTDW5806	⅝	8	13½
DTDW5812	¾	16	21½
DTDW5816	⅞	16	21½
DTDW5818	1	8	13½
DTDW5821	1⅛	10	15
DTDW5822	1⅛	18	21½
DTDW5824	1¼	10	15
DTDW5825	1¼	18	21½
DTDW5827	1⅜	18	22½
DTDW5828	1½	18	22½

BLACK & DECKER

Steel Bits 1-Piece

1-1/8" Hex

DeWalt

- Fully hardened steel body delivers increased life and durability
- Ring and notch retentions allow for use in electric and pneumatic hammers

Item #	Desc.
DTDW5960	0" Bull Point 1⅛" Hex Shank
DTDW5962	0" Cold Chisel 1⅛" Hex Shank
DTDW5961	3" Scaling Chisel 1⅛" Hex Shank
DTDW5965	Clay Spade 1⅛" Hex Shank
DTDW5963	Asphalt Cutter 1⅛" Hex Shank
DTDW5964	Ground Rod Driver 1" Rod 1⅛" Hex Shank
DTDW5966	6" x 6" Tamper Plate 1⅛" Hex Shank
DTDW5967	Tamper Shank 1⅛" Hex Shank

BLACK & DECKER

Carbide Core Bits 1-Piece

DeWalt

Item #	Dia. (in.)	Length (in.)
SDS Max Shank		
DTDW5914	1¾	12
DTDW5915	1¾	22
DTDW5916	2	12
DTDW5917	2	22
DTDW5918	2¾	12
DTDW5919	2¾	22
DTDW5920	3¼	12
DTDW5921	3¼	22
DTDW5922	3½	12
DTDW5923	3½	22
DTDW5924	4	12
DTDW5925	4	22
DTDW5926	5	22
DTDW5927	6	22
Spline Shank		
DTDW5930	1¾	12
DTDW5931	1¾	22
DTDW5932	2	12
DTDW5933	2	22
DTDW5934	2¾	12
DTDW5935	2¾	22
DTDW5936	3¼	12
DTDW5937	3¼	22
DTDW5938	3½	12
DTDW5939	3½	22
DTDW5940	4	12
DTDW5941	4	22
DTDW5942	5	22
DTDW5943	6	22
Replacement Centering Bit		
DTDW5945		

MILWAUKEE ELECTRIC TOOL CORP.

Reciprocating Blades

Super Sawzall®

- Super Sawzall® blades are made with Matrix II high speed steel teeth containing 8 percent cobalt to keep a sharper tooth edge longer
- Tough Bi-Metal design allows faster cutting, longer life blades that can bend without shattering
- Materials, tooth configuration and heat treating are designed to maximize performance in specific cutting applications
- Blades have a 1/2" universal tang that fits all Sawzall® and standard competitive saws

Item #	Recommended Use	T.P.I.	L x W x TH (in.)	Qty./ Pack
MI48-00-5090	All purpose	10	4 x ¾x .035	5
MI48-00-5092	All purpose	10	6 x ¾ x .035	5
MI48-00-5091	All purpose	8/12	6 x ¾ x .050	5
MI48-00-5093	All purpose	8/12	8 x ¾ x .050	5
MI48-00-5094	All purpose	8/12	12 x ¾ x .050	5
MI48-00-5193	All purpose	10/14	8 x ⅝ x .035	5
MI48-00-5194	All purpose	10/14	12 x ⅝ x .035	5
MI48-00-5012	Wood w/nails	6	6" x ¾" x .050	5
MI48-00-5031	Wood w/nails	⅝	6 x ¾ x .050	5
MI48-00-5035	Wood w/nails	6	6 x ¾ x .050	5
MI48-00-5036	Wood w/nails	6	9 x ¾ x .050	5
MI48-00-5037	Wood w/nails	6	12 x ¾ x .050	5
MI48-00-5041	Wood w/nails	4/6	6 x ½ x .050	5
MI48-01-6031	Wood w/nails	⅝	6 x ¾ x .050	50
MI48-01-6035	Wood w/nails	6	6 x ¾ x .050	50
MI48-01-6036	Wood w/nails	6	9 x ¾ x .050	50
MI48-00-5162	Scroll cutting metal	14	3⅝ x 5/16 x .035	5
MI48-00-5163	Scroll cutting metal	18	3⅝ x 5/16 x .035	5
MI48-00-5015	Wood & Plastic	6	6 x ¾ x .050	5
MI48-00-5016	Wood & Plastic	6	9 x ¾ x .050	5
MI48-00-5017	Wood & Plastic	6	12 x ¾ x .050	5
MI48-00-5184	Metal Cutting	18	6 x ¾ x .035	5
MI48-00-5185	Metal Cutting	24	4 x ¾ x .035	5
MI48-00-5186	Metal Cutting	24	6 x ¾ x .035	5
MI48-00-5284	Metal Cutting	18	6 x ⅝ x .035	5
MI48-01-6185	Metal Cutting	24	4 x ¾ x .035	50
MI48-01-6182	Metal Cutting	14	6 x ¾ x .035	50
MI48-01-6184	Metal Cutting	18	6 x ¾ x .035	50
MI48-01-6186	Metal Cutting	24	6 x ¾ x .035	50
MI48-01-6188	Metal Cutting	18	9 x ¾ x .035	50

MILWAUKEE ELECTRIC TOOL CORP.

Reciprocating Blades

Wood, Nail Embedded Wood and Demolition

Super Sawzall® AX™

- 1/2" Universal blade tang fits in all Sawzalls®
- Bi-metal construction increases blade life, blades do not shatter
- Matrix II teeth with 8% cobalt; blade reversible in clamp
- .062" thick for stiffer performance; sloped shape ideal for plunge cutting

Item #	T.P.I.	Length (in.)
MI48-00-1420	Grit	6
MI48-00-5181	12	4
MI48-00-5182	14	6
MI48-00-5183	18	4
MI48-00-5187	14	9
MI48-00-5188	18	9
MI48-00-5189	18	12
MI48-00-5282	14	6
MI48-00-5286	24	6

MILWAUKEE ELECTRIC TOOL CORP.

M12 Hackzall™ Blades

10-Pc. General Purpose Set

- Designed to maximize the cutting performance of the new M12 Hackzall™ reciprocating saw, these blades feature a thin kerf design that reduces the amount of drag and resistance while cutting, resulting in more cuts per battery charge
- M12 Hackzall™ Blade - 10 pc. general purpose set
- Includes: 2 wood blades, 3 EMT blades, 2 duct blades, 3 PVC blades, and storage pouch

Item #
MI49-22-0220

MILWAUKEE ELECTRIC TOOL CORP.

Reciprocating Blades

Sawzall® The Torch™

- Remodeling, rescue & demolition
- Width x Thickness: 1.0" x 0.42"

Item #	T.P.I.	Length (in.)	Qty. per Pack
MI48-00-5713	10	9	5
MI48-00-5782	14	6	5
MI48-00-5787	14	9	5
MI48-00-5784	18	6	5
MI48-00-8784	18	6	25
MI48-01-7784	18	6	100
MI48-00-8788	18	9	25
MI48-00-5789	18	12	5

MILWAUKEE ELECTRIC TOOL CORP.

Diamond Grit Blades

Sawzall® The Torch™

Diamond Grit The Torch Sawzall blades are ideal for cutting cast iron, hard tile, masonry and other abrasive and hard materials.

Features:

- Diamond Grit delivers up to 30x longer life than standard carbide grit blades; the result is a significantly lower cost per cut
- The precisely controlled size and placement of the diamond grit allow these blades to cut up to 2x faster than standard carbide grit blades
- A thicker, more rigid blade body resists fracturing and bending for maximum durability; the 1" tall blade body reduces blade twisting for straighter, more accurate cuts
- Package Quantity: 1 ea.

Item #	Blade Dim. (in.)	Shank (in.)	TPI/Grit	Body Material
MI48-00-1440	6x1x0.42	½ Universal	Diamond Coarse Grit	D6A Steel
MI48-00-1450	9x1x0.42	½ Universal	Diamond Coarse Grit	D6A Steel

MILWAUKEE ELECTRIC TOOL CORP.

Tungsten Carbide Blades

Heavy-Duty

Sawzall®

- Custom ground teeth, set & hardened for maximum performance
- 1/2" universal tang for reciprocating saws
- Medium and coarse grits for cutting hardwood flooring, cast iron stainless steel, fiberglass materials (polyesters, epoxies, melamines), ceramic tile, stone, state, clay pipe, carbon, brick, plaster, marble and chalkboard

Item #	L x W x TH (in.)
MI48-00-1420	6 x ¾ x .032

MILWAUKEE ELECTRIC TOOL CORP.

Reciprocating Blades

All Purpose Demolition

Sawzall® The Ax™

- For cutting wood, nail embedded wood, demolition work
- Excellent for plunge cutting into wood and nail embedded wood without bending blades
- 1/2" Universal Tang fits all Sawzall® saws
- TPI: 5/8; Width x Thickness: 1.0" x .062"

Item #	Length (in.)	Qty. per Pack
MI48-00-5021	6	5
MI48-01-7021	6	100
MI48-00-5026	9	5
MI48-00-8026	9	25
MI48-00-5027	12	5

MILWAUKEE ELECTRIC TOOL CORP.

Reciprocating Blades

All Purpose Demolition

Sawzall® The Wrecker™

- For all woods, nail embedded wood, composition material, plastic, light gauge non-ferrous metals and aluminum
- Width x Thickness: 1.0" x .062"
- T.P.I.: 8

Item #	Length (in.)	Qty. per Pack
MI48-00-5701	6	5
MI48-00-5706	9	5
MI48-00-5711	12	5

MILWAUKEE ELECTRIC TOOL CORP.

Pruning Reciprocating Blades

Sawzall®

- Milwaukee® pruning blades deliver fast, clean cuts in limbs, branches and green wood
- Extra deep gullets easily remove chips for fast cutting
- Unique fleam ground teeth cut in both directions for clean cuts
- Induction hardened teeth for long life
- Shank: 1/2" Universal
- Packaging Size: 5

Item #	T.P.I.	L x W x TH (in.)
MI48-00-1301	5	9 x ¾ x 0.60
MI48-00-1303	5	12 x ¾ x .060

MILWAUKEE ELECTRIC TOOL CORP.

Reciprocating Blades

Sawzall® Ice Hardened™

- Ice Hardened blades are cryogenically treated to minimize soft metal (austenite) and create more hard metal (martensite)
- The result is a metal cutting blade that is more consistently hard throughout, for up to 50% longer life than standard blade
- A unique combination of relief angles forms a radius on the back of the tooth that reduces stress build-up during cutting and substantially extends blade life.
- Package Quantity: 5

Item #	T.P.I.	L x W x TH (in.)
MI48-00-4091	8/12	6 x ¾ x .050
MI48-00-4093	8/12	8 x ¾ x .050
MI48-00-4182	14	6 x ¾ x .035
MI48-00-4184	18	6 x ¾ x .035
MI48-00-4186	24	6 x ¾ x .035
MI48-00-4187	14	9 x ¾ x .035
MI48-00-4188	18	12 x ¾ x .035
The Torch®		
MI48-00-4712	10	6 x 1 x .042
MI48-00-4713	10	9 x 1 x .042
MI48-00-4782	14	6 x 1 x .042
MI48-00-4784	18	6 x 1 x .042
MI48-00-4787	14	9 x 1 x .042
MI48-00-4788	18	9 x 1 x .042

MILWAUKEE ELECTRIC TOOL CORP.

Plaster Reciprocating Blades

Sawzall®

- Milwaukee® plaster blades feature a "V" shape tooth to minimize tear out when cutting plaster and drywall
- Precision forming process creates sharper teeth for fast cutting
- Shank: 1/2” Universal
- Package Quantity: 5

Item #	T.P.I.	L x W x TH (in.)
MI48-00-5052	6	5 x ¾ x .050

MILWAUKEE ELECTRIC TOOL CORP.

Reciprocating Blades

14-Piece

Sawzall® Ice Hardened™

- Ice edge ultimate metal cutting Sawzall® blade kit
- 14-piece kit with roll up pouch
- Unique cryogenic heat treat process provides tougher teeth for extreme applications.
- Features Milwaukee's best selling 6” Super Sawzall® blades and our popular 9” torch blades

Item #
MI49-22-1131

MILWAUKEE ELECTRIC TOOL CORP.

Rough-In Sawzall® Blade

- Low Blade Profile cuts 2-1/8" diameter holes for 1-1/2" PVC pipe.
- 7-3/8" Length allows blade to cut holes through double top plates.
- Nail Guard™. Unique design protects against tooth fracture when cutting through holes in nail embedded wood.
- Fang Tip™. Fang Tip delivers fast plunge cutting through bottom plates and subfloors
- Blade Dimension: 7-3/8"x 1/2" x.062"
- Shank: 1/2” Universal
- TPI/Grit: 5 TPI
- Package Quantity: 5

Item #
MI48-00-1610

MILWAUKEE ELECTRIC TOOL CORP.

Flush Cut Sawzall® Blade

- Unique Blade Geometry protects against floor impacts during bottom plate cut-outs.
- Double Truss Design guides blade for straight window cut-outs.
- Fang Tip™ Fang Tip delivers fast plunge cutting for window cut-outs.
- Blade Dimension: 12" x 2-1/8" x .062"
- Shank: 1/2” Universal
- TPI/Grit: 5 TPI
- Package Quantity: 1

Item #
MI48-00-1600

MILWAUKEE ELECTRIC TOOL CORP.

Jig Saw Blades

U-Shank

- Milwaukee Jig Saw blades are designed and manufactured for the professional user
- Universal tang and fits Milwaukee Jig Saw model 6256-6 and other popular brands
- 5 blades per package

Item #	Recommended Use	T.P.I.	L x W (in.)
MI48-42-0801	Ceramics, tile	Grit	2¾ x 5⁄16
MI48-42-2120	Metal cutting	18	2¾ x 9⁄32
MI48-42-2160	Metal cutting	24	2¾ x 9⁄326
MI48-42-2190	Metal cutting	14	3⅝ x 9⁄32
MI48-42-2300	General purpose	6	4 x 9⁄32
MI48-42-2302	Wood cutting	6	4 x 9⁄32
MI48-42-2310	General purpose	10	4 x 9⁄32
MI48-42-2311	Wood cutting	10	4 x 9⁄32
MI48-42-0850	Aluminum, Non-Ferrous Metals	8	4 x 9⁄32
MI48-42-2192	Aluminum, Non-Ferrous Metals	14	5 x 9⁄32
MI48-42-5300	Nail embedded wood	6	4 x 9⁄32

MILWAUKEE ELECTRIC TOOL CORP.

Jig Saw Blades

T-Shank

- Bi-metal blades last longer than high speed steel or carbon blades
- Detail to the material used, tooth shape and sharpness make these blades cut clean, fast and have a longer life
- These blades use T-Shank and fit Milwaukee Jig Saws and other popular brands
- 5 blades per package

Item #	Recommended Use	T.P.I.	L x W (in.)
MI48-42-5190	Thick metal over ¼" thick	14	3 x 9⁄32
MI48-42-5121	Metal over ⅛" thick	18	3 x 9⁄32
MI48-42-5161	Metal under ⅛" thick	24	3 x 9⁄32
MI48-42-5192	Thick metal, tubing, etc.	14	5¼ x 9⁄32
MI48-42-5166	Thin metal under ⅛" thick	24	5¼ x 9⁄32
MI48-42-5311	Wood, fast & clean cuts	10	4 x 9⁄32
MI48-42-5310	Fast cutting, nail embedded wood	10	4 x 9⁄32
MI48-42-5540	Reverse tooth, no top splinters	10	4 x 9⁄32
MI48-42-5850	Aluminum, non-ferrous metals	8	4 x 9⁄32

BOSCH TOOLS

Jig Saw Blade

- Designed for the professional user
- Straight, clean cuts

Item #	Recommended Use	T.P.I.	Working Length (in.)
BOHPT101D	Clean For Wood	5-6 Progressive	3
BOT101A	Special For Plexiglass	14	2¾
BOT101A0	Clean For Wood	20	2⁵⁄₁₆
BOT101B	Clean For Wood	10 variable gullet	3
BOT101BF	Clean For Hardwood	10 variable gullet	3
BOT101BR	Clean For Wood	10	3
BOT101DP	Clean For Hardwood	6	2¾
BOT11G	Basic For Metal	36	2⅝
BOT111C	Basic For Wood	8	3
BOT111CF	Accurate For Wood With Nails	8	3
BOT113A3	Special For Soft-material	Knife edge	3
BOT118A	Basic For Metal	17-24 progressive	2⅝
BOT118AF	Flexible For Metal	17-24 progressive	2⅝
BOT118B	Basic For Metal	11-14 progressive	2⅝
BOT118EF	Flexible For Metal	14-18 progressive	2⅝
BOT118G	Basic For Metal	36	2
BOT119BO	Basic For Wood	12	2
BOT119BO3	Basic For Wood	12	2³⁄₁₆
BOT123X	Progressor For Metal	10-24 progressive	3
BOT127D	Special For Aluminum	8	3
BOT127DF	Flexible For Aluminum	8	3⅝
BOT18A	Basic For Metal	24	1⅛
BOT211HF	Basic For Wood	10	2
BOT218A	Basic For Metal	24	2
BOT318A	Basic For Metal	24	4
BOT318B	Basic For Metal	14	4.24

M K MORSE

Hole Saws

Bi-Metal

Master Cobalt®

- Features an M3 high-speed steel cutting edge, electron beam welded to a tough steel backer
- Positive rake tooth design provides better chip clearance as teeth cut into wood, plastic or any machinable metal
- Bi-metal design bonds M3 cutting edge to fatigue resistant backer

Item #	Diameter (in.)	Pipe Tap Size (in.)	Pipe Ent. Size (in.)
MKAV09	9/16	-	-
MKAV10	5/8	-	-
MKAV11	11/16	-	-
MKAV12	3/4	1/2	3/8
MKAV13	13/16	-	-
MKAV14	7/8	3/4	1/2
MKAV15	15/16	-	-
MKAV16	1	-	-
MKAV17	1 1/16	-	-
MKAV18	1 1/8	1	3/4
MKAV19	1 3/16	-	-
MKAV20	1 1/4	-	-
MKAV21	1 5/16	-	-
MKAV22	1 3/8	-	1
MKAV23	1 7/16	-	-
MKAV24	1 1/2	1 1/4	-
MKAV25	1 9/16		-
MKAV26	1 5/8	-	-
MKAV27	1 11/16	-	-
MKAV28	1 3/4	1 1/2	1 1/4
MKAV29	1 13/16	-	-
MKAV30	1 7/8	-	-
MKAV32	2	-	1 1/2
MKAV33	2 1/16	-	-
MKAV34	2 1/8	-	-
MKAV36	2 1/4	2	-
MKAV37	2 5/16	2	-
MKAV38	2 3/8	-	-
MKAV40	2 1/2	-	2
MKAV41	2 9/16	-	
MKAV42	2 5/8	2 1/2	-
MKAV44	2 3/4	-	-
MKAV46	2 7/8	-	-
MKAV48	3	-	2 1/2
MKAV50	3 1/8	-	-
MKAV52	3 1/4	3	-
MKAV54	3 3/8	-	-
MKAV56	3 1/2	-	-
MKAV58	3 5/8	-	3
MKAV60	3 3/4	3 1/2	-
MKAV62	3 7/8	3 1/2	-
MKAV64	4	-	-
MKAV66	4 1/8	-	3 1/2
MKAV68	4 1/4	4	-
MKAV70	4 3/8	4	-
MKAV72	4 1/2	4 1/2	4
MKAV76	4 3/4	-	-
MKAV80	5	-	-
MKAV88	5 1/2	-	-
MKAV92	5 3/4	-	-
MKAV96	6	-	-

M K MORSE

Hole Saw

Tungsten Carbide Tipped

- Specifically designed for sawing holes in abrasive materials such as fiberglass, particleboard, asbestos board, and formica
- Tungsten carbide tooth tips offer the highest wear resistance possible and longer life cutting abrasive materials
- Ground and set teeth to help cut materials that bi-metal saws will not cut
- 3 teeth per inch creates wider gullet for better chip clearance and faster cutting

Item #	Diameter (in.)
MKAT12	3/4
MKAT14	7/8
MKAT16	1
MKAT18	1 1/8
MKAT20	1 1/4
MKAT22	1 3/8
MKAT24	1 1/2
MKAT26	1 5/8
MKAT32	2
MKAT36	2 1/4
MKAT38	2 3/8
MKAT40	2 1/2
MKAT44	2 3/4
MKAT48	3
MKAT56	3 1/2
MKAT58	3 5/8
MKAT64	4
MKAT68	4 1/4
MKAT72	4 1/2
MKAT80	5
MKAT88	5 1/2
MKAT96	6

M K MORSE

Hole Saw

Tungsten Carbide Grit

- The long-lasting choice for cutting holes in materials too hard or abrasive for standard bi-metal saws, or so thin they would strip bi-metal or chip carbide teeth
- Ideal for cutting ceramics, fiberglass, hardwoods, cast iron, composites, etc.
- Super resistance to heat, wear and abrasion with shock resistant back
- Tungsten carbide grains are bonded to alloy backs with a gulleted, snag resistant edge
- 1-1/2" cutting depth

Item #	Diameter (in.)	Pipe Tap Size (in.)	Pipe Ent. Size (in.)
MKATCG12	¾	½	⅜
MKATCG14	⅞	¾	½
MKATCG16	1	-	-
MKATCG18	1⅛	1	¾
MKATCG19	1³⁄₁₆	-	-
MKATCG20	1¼	-	-
MKATCG22	1⅜	-	1
MKATCG24	1½	1¼	-
MKATCG26	1⅝	-	-
MKATCG28	1¾	1½	1¼
MKATCG32	2		1½
MKATCG36	2¼	2	-
MKATCG38	2⅜	-	2
MKATCG40	2½	-	-
MKATCG44	2¾	-	-
MKATCG48	3	-	2½
MKATCG56	3½	-	-
MKATCG58	3⅝	-	3
MKATCG64	4	-	-
MKATCG72	4½	-	4
MKATCG80	5	-	-
MKATCG88	5/2	-	-
MKATCG96	6	-	-

M K MORSE

Carbon Steel Arbors

With Pilot Drills

- Come complete with pilot drills
- Adapt Morse Hole Saws to any power drill

Item #	Shank Size	Drill Number	Chuck Size	Fits Saws (in.)
MKM24K	¼ Round	MPD401	¼	*⁹⁄₁₆ - 1³⁄₁₆
MKM34	⅜ Hex	MPD4S01	⅜	*⁹⁄₁₆ - 1³⁄₁₆
MKM44	⁷⁄₁₆ Hex	MPD401	½	*⁹⁄₁₆ - 1³⁄₁₆
MKM35PS	⅜ Hex	MPD4S01	⅜	1¼ - 6
MKM45P	⁷⁄₁₆ Hex	MPD401	½	1¼ - 6
MKM45	⁷⁄₁₆ Hex	MPD401	½	1¼" - 2⅜"

M K MORSE

Master Electricians Hole Saw Kit

Bi-Metal Variable Pitch

Master Cobalt®

- Entrance sizes to 4"
- Saws (1 each): 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 3", 3-5/8", 4-1/8", 4-1/2"
- Arbors (1 each): M24K, M44, M45P

Item #
MKAV08E

M K MORSE

Electricians Hole Saw Kit

Bi-Metal Variable Pitch

Master Cobalt®

- Entrance sizes to 2"
- Saws (1 each): 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2"
- Arbors (1 each): M44, M45P

Item #
MKAV02E

M K MORSE

Hole Saw Kit

Bi-Metal/Plumber

Master Cobalt®

- Contains pipe tap sizes for pipe through 2"
- Saws (1 each): 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4"
- Arbors (1 each): M44, M45P

Item #
MKAV04P

M K MORSE

Hole Saws

Bi-Metal

Advanced Edge

* Metric sizes shown with asterisk are exact millimeter sizes. All other metric sizes are approximate metric equivalents of exact inch sizes.

Item #	Dia. (in.)	Dia. (mm)	Pipe Tap Size (in.)	Pipe Ent. Size (in.)
MK09-MK244 use the following ½-20 arbors MK04 or MK05				
MKMK09	9/16	14		
MKMK10	5/8	16		
MKMK105		16*		
MKMK11	11/16	17		
MKMK12	3/4	19	1/2	3/8
MKMK125		20*		
MKMK13	13/16	21		
MKMK14	7/8	22	3/4	1/2
MKMK15	15/16	24		
MKMK155		25*		
MKMK16	1	25		
MKMK17	1 1/16	27		
MKMK18	1 1/8	29	1	3/4
MKMK185		30*		
MKMK19	1 3/16	30		
MKMK20	1 1/4	32		
MKMK204	1 1/4	32		
MKMK205		32*		
MKMK21	1 5/16	33		
MKMK22	1 3/8	35		1
MKMK224	1 3/8	35		
MKMK225		35*		
MKMK23	1 7/16	37		
MKMK24	1 1/2	38	1 1/4	
MKMK244	1 1/2	38	1 1/4	
MK20-MK385 use the following 5/8-18 arbors MK03, MK06				
MKMK25	1 9/16	40		
MKMK255		40*		
MKMK26	1 5/8	41		
MKMK27	1 11/16	43		
MKMK28	1 3/4	44	1 1/2	1 1/4
MKMK285		45*		
MKMK29	1 13/16	46		
MKMK30	1 7/8	48		
MKMK315		50*		
MKMK32	2	51		1 1/2
MK20-MK38 use the following 5/8-18 arbors MK03, MK06				
MKMK33	2 1/16	52		
MKMK34	2 1/8	54		
MKMK345		55*		
MKMK36	2 1/4	57	2	
MKMK37	2 5/16	59		
MKMK38	2 3/8	60		
MKMK385		62		
MK40-MK96 use the following 5/8-18 arbors MK03, MK06				
MKMK40	2 1/2	64		2
MKMK41	2 9/16	65		
MKMK42	2 5/8	67	2 1/2	
MKMK425		68*		
MKMK435	2 11/16	68.5*		
MKMK44	2 3/4	70		
MKMK46	2 7/8	73		
MKMK475		75*		
MKMK48	3	76		2 1/2
MKMK50	3 1/8	79		
MKMK52	3 1/4	83	3	
MKMK54	3 3/8	86		
MKMK56	3 1/2	89		
MKMK58	3 5/8	92		3
MKMK60	3 3/4	95	3 1/2	
MKMK62	3 7/8	98		
MKMK63		100*		
MKMK64	4	102		
MKMK66	4 1/8	105		3 1/2
MKMK68	4 1/4	108	4	
MKMK70	4 3/8	111		
MKMK72	4 1/2	114		4
MKMK76	4 3/4	121	4 1/2	
MKMK80	5	127		
MKMK84	5 1/4	133		
MKMK88	5 1/2	140		
MKMK92	5 3/4	146		
MKMK96	6	152		

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

M K MORSE

Hole Saw Kits

Advanced Edge

- More teeth , deeper gullet in the cutting action increases material removal
- New tooth form maximizes penetration with a positive rake face
- Electricians Kit 8 piece, 6 AE Hole Saws (7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2"), 2 arbors
- Plumbers Kit 8 Piece, 6 AE Hole Saws (3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4"), 2 Arbors
- General Purpose Kit 11 Piece, 9 AE Hole Saws (3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2"), 2 Arbors
- Master Electricians Kit 14 Piece, 11 AE Hole Saws (3/4", 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 3", 3-5/8", 4-1/8", 4-3/4"), 3 Arbors

Item #	Desc.
MKMK0600L	Electricians Kit 8-Piece
MKMK8600P	Plumbers Kit 8-Piece
MKMK7700G	General Purpose Kit 11-Piece
MKMK21200L	Master Electricians Kit 14-Piece

M K MORSE

Arbors

Advanced Edge

Item #	Desc.	Use with Diameters:
MKMK03	½" & Larger Hex	Over 1¼"
MKMK04	¼" & Larger Hex	Up To 1 3/16
MKMK05	⅜" & Larger Hex	Up To 1 3/16"
MKMK06	⅜" & Larger Hex	Over 1¼"

M K MORSE

Pilot Drills

Advanced Edge

Item #	Desc.
MKMK5156PD	3 1/16" x ¼" (78 mm x 6.5 mm)

M K MORSE

Pilot Drills and Accessories

- ME12 Arbor Extension can be used with all 7/16" shank arbors

Item #	Comp #	Desc.
MKMPD4N01	140782	4 in. x ¼ in. Pilot Drill, 3 Notches for Set Screws
MKME12	141123	12 in. Extension for Shank of 7/16 in. (10.5 mm) Arbors
MKMPD4CT01	NA	4 in. X ¼ in. Carbide Tipped Pilot Drill

BLACK & DECKER

7-1/4" Circular Saw Blade

16T Carbide Thin Kerf

DeWalt

- Tougher tungsten carbide stays sharper longer; thin kerf for smoother cut
- Ribbed heat vents allow blade to run cooler, reducing blade flexing and binding; all blades feature 5/8" arbor with diamond knock-out
- Diameter: 7-1/4"; Arbor size: 5/8 rd; Teeth: 24

Item #
DTDW3578

BLACK & DECKER

7-1/4" Circular Saw Blade

24 T Carbide

- Economy Carbide Blade; Universal arbor

Item #
DTB7254524

BLACK & DECKER

12" Saw Blades

Metal Cutting

DeWalt

- This blade has been designed to work with the DW872 Multi-Cutter™ system
- For use with metal cutting "dry cut" miter saws only
- Specially formulated carbide with 12% titanium for long life in metal cutting; expansion slots dissipate heat to extend blade life
- Modified ATB tooth geometry provides clean, burr-free cuts
- Dia.: 12"; Arbor: 1"; Kerf: 0.087; Max. RPM: 1800

Item #	Desc.	Teeth
DTDW7737	Heavy Gauge Ferrous Metal Cutting	60
DTDW7745	Lt. Ga. Steel	90
DTDW7739	Stainless Steel Cutting	80
DTDW7749	Stainless Steel	90

BLACK & DECKER

14" Diamond Chop Saw Blade

- Diamond Edge provides 100x the life vs standard DeWalt chop saw wheel
- Advanced Brazing Technology cuts metal with the speed of a conventional abrasive blade
- Exposed Diamond Matrix allows the blade to cut concrete, plastic, fiberglass, rubber, non-ferrous metals and other soft materials without loading

Item #
DTDW8500

IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

6-1/2" Circular Saw Blade

Marathon®

- The Fastest Framing Blade Ever!™
- Every other tooth is thinner for faster cuts
- New heat vent/expansion slot design reduces vibration for longer life and straighter cuts
- Diameter: 6-1/2"
- Tooth Count: 20
- Arbor: 5/8" Diamond

Item #
IR24021

IRWIN INDUSTRIAL TOOLS

7-1/4" Circular Saw Blade

Thin Kerf

Marathon®

- Diameter: 7-1/4 in./184 mm
- No of Teeth: 24
- Arbor Hole: Universal
- Kerf: .067 in. / 1.7 mm

Item #
IR24030

MORSE THE M. K. MORSE COMPANY

M K MORSE

Band Saw Blades

Item #	TPI	Lgth. (in.)	Width (in.)	Thick.. (in.)	Tooth Set
MKZWEP5318WS	18	35⅜	½	0.020	Wavy
MKZWEPXTL441014	10-14	44⅞	½	0.020	Modified Raker
MKZWEPXTL441418	14-18	44⅞	½	0.020	Wavy
MKZWEPXTL442024	20-24	44⅞	½	0.020	Wavy

Milwaukee

MILWAUKEE ELECTRIC TOOL CORP.

Self-feed Bits

Milwaukee®

- Self-feed bits cut faster, have improved balance with reduced runout
- Shanks have flat surfaces for secure chuck grip
- Large self-feed bits in 3", 3-5/8" and 4-5/8" sizes have double inside cutter blades that shave hole radius for clean, smooth holes without pressure

Item #	Desc. Diameter (in.)	For Std Pipe Sizes (in.)
MI48-25-3621	3⅝	3*
MI48-25-4125	4⅛	3*
MI48-25-4621	4⅝	4*

MILWAUKEE ELECTRIC TOOL CORP.

Heavy-Duty Self-feed Bits

Item #	Diameter (in.)
MI48-25-1001	1
MI48-25-1121	1⅛
MI48-25-1251	1¼
MI48-25-1371	1⅜
MI48-25-1501	1½
MI48-25-1751	1¾
MI48-25-2001	2
MI48-25-2121	2⅛
MI48-25-2251	2¼
MI48-25-2561	2 9/16
MI48-25-3001	3

MILWAUKEE ELECTRIC TOOL CORP.

4-Bit Contractor's Kit

Self-feed Bits

- Assortment of Milwaukee self-feed bits for big hole drilling
- Sizes include 1-3/8", 1-1/2", 2-1/8", 2-9/16" diameters
- Also 5-1/2" one piece - shank and coupling - extension and carrying case

Item #
MI49-22-0135

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

MILWAUKEE ELECTRIC TOOL CORP.

7-Bit Contractor Kits

Self-feed Bits

- Complete assortment of the most commonly used Milwaukee self-feed bits for big hole drilling
- Sizes include 1", 1-1/8", 1-1/4", 1-1/2", 1-3/4", 2-1/8", 2-9/16" diameters
- Also 5-1/2" one piece - shank and coupling - extension and carrying case

Item #
MI49-22-0130

MILWAUKEE ELECTRIC TOOL CORP.

7-Bit Plumber's Kits

Hole Saw Bits

- Complete assortment of the most commonly used Milwaukee bits for big hole drilling
- Quick change auger sizes include 7/8" (48-13-6552), 1-1/8" (48-13-6554), 1-1/4" (48-13-6555), 1-1/2" (48-13-6557) auger bits and self-feed bits in 1-3/4", 2-1/8", 2-9/16" diameters
- Also 5-1/2" one piece - shank and coupling - extension and carrying case

Item #
MI49-22-0065

MILWAUKEE ELECTRIC TOOL CORP.

Universal Shank Extensions

QUICK-LOK™

- 7/16" Universal QUIK-LOK™ Extension has an innovative design that fits all 7/16" shanks - with or without a power-groove
- Unique design requires no tools to change out bits, making it fast and efficient
- Impact rated for maximum durability
- Exclusive QUIK-LOK™ accepts all 7/16" shanks

Item #	Length (in.)
MI48-28-1030	5½
MI48-28-1040	12
MI48-28-1050	18
MI48-28-1060	24

TRIUMPH TWIST DRILL CO.

Jobber Length Drills

HSS T1HD Series

Thunderbit®

- 135° split-point for quick penetration and reduced "walking"
- Premium-grade industrial steel for longer life and heat resistance
- Unique flute design for superior material removal
- Finish: Black/Bronze oxide
- Range of applications: Iron, steel, stainless steel, wood
- Open flute design for easier chip evacuation
- Made In USA

Item #	Size	Decimal Equivalent	Flute Length	Overall Length	Env. Qty.
TR12504	1/16	.0625	7/8	1 7/8	12
TR12505	5/64	.0781	1	2	12
TR12506	3/32	.0938	1 1/4	2 1/4	12
TR12508	1/8	.1250	1 5/8	2 3/4	12
TR12509	9/64	.1406	1 3/4	2 7/8	12
TR12510	5/32	.1562	2	3 1/8	12
TR12511	11/64	.1719	2 1/8	3 1/4	12
TR12512	3/16	.1875	2 5/16	3 1/2	12
TR12513	13/64	.2031	2 7/16	3 5/8	12
TR12514	7/32	.2188	2 1/2	3 3/4	12
TR12515	15/64	.2344	2 5/8	3 7/8	12
TR12516	1/4	.2500	2 3/4	4	12
TR12517	17/64	.2656	2 7/8	4 1/8	12
TR12518	9/32	.2812	2 15/16	4 1/4	12
TR12519	19/64	.2969	3 1/16	4 3/8	12
TR12520	5/16	.3125	3 3/16	4 1/2	6
TR12521	21/64	.3281	3 5/16	4 5/8	6
TR12522	11/32	.3438	3 7/16	4 3/4	6
TR12523	23/64	.3594	3 1/2	4 7/8	6
TR12524	3/8	.3750	3 5/8	5	6
TR12525	25/64	.3906	3 3/4	5 1/8	6
TR12526	13/32	.4062	3 7/8	5 1/4	6
TR12527	27/64	.4219	3 15/16	5 3/8	6
TR12528	7/16	.4375	4 1/16	5 1/2	6
TR12529	29/64	.4531	4 3/16	5 5/8	6
TR12530	15/32	.4688	4 5/16	5 3/4	6
TR12531	31/64	.4844	4 3/8	5 7/8	6
TR12532	1/2	.5000	4 1/2	6	6

TRIUMPH TWIST DRILL CO.

Jobber Length Drills

Cobalt T1C Series

- 135° split-point for quick penetration and reduced "walking"
- M-35 cobalt steel for increased heat resistance and longer life
- Designed for difficult-to-drill alloy applications
- Finish: Bronze oxide
- Range of applications: Steel, stainless steel
- Made In USA

Item #	Size	Decimal Equivalent	Flute Length	Overall Length	Env. Qty.
TR11504	1/16	.0625	7/8	1 7/8	12
TR11505	5/64	.0781	1	2	12
TR11506	3/32	.0938	1 1/4	2 1/4	12
TR11507	7/64	.1094	1 1/2	2 5/8	12
TR11508	1/8	.1250	1 5/8	2 3/4	12
TR11509	9/64	.1406	1 3/4	2 7/8	12
TR11510	5/32	.1562	2	3 1/8	12
TR11511	11/64	.1719	2 1/8	3 1/4	12
TR11512	3/16	.1875	2 5/16	3 1/2	12
TR11513	13/64	.2031	2 7/16	3 5/8	12
TR11514	7/32	.2188	2 1/2	3 3/4	12
TR11515	15/64	.2344	2 5/8	3 7/8	12
TR11516	1/4	.2500	2 3/4	4	12
TR11517	17/64	.2656	2 7/8	4 1/8	12
TR11518	9/32	.2812	2 15/16	4 1/4	12
TR11519	19/64	.2969	3 1/16	4 3/8	12
TR11520	5/16	.3125	3 3/16	4 1/2	6
TR11521	21/64	.3281	3 5/16	4 5/8	6
TR11522	11/32	.3438	3 7/16	4 3/4	6
TR11523	23/64	.3594	3 1/2	4 7/8	6
TR11524	3/8	.3750	3 5/8	5	6
TR11525	25/64	.3906	3 3/4	5 1/8	6
TR11526	13/32	.4062	3 7/8	5 1/4	6
TR11527	27/64	.4219	3 15/16	5 3/8	6
TR11528	7/16	.4375	4 1/16	5 1/2	6
TR11529	29/64	.4531	4 3/16	5 5/8	6
TR11530	15/32	.4688	4 5/16	5 3/4	6
TR11531	31/64	.4844	4 3/8	5 7/8	6
TR11532	1/2	.5000	4 1/2	6	6

TRIUMPH TWIST DRILL CO.

Screw Machine Length Drills

HSS T4 Series

- 135° split-point for quick penetration and reduced "walking"
- Black oxide finish for added lubricity
- Short length and heavy-duty construction provides additional strength
- Range of applications: Iron, steel, stainless steel, wood
- Made In USA

Item #	Size	Decimal Equivalent	Flute Length	Overall Length	Env. Qty.
TR44404	1/16	.0625	5/8	1 5/8	12
TR44405	5/64	.0781	11/16	1 11/16	12
TR44406	3/32	.0938	3/4	1 3/4	12
TR44407	7/64	.1094	13/16	1 13/16	12
TR44408	1/8	.1250	7/8	1 7/8	12
TR44409	9/64	.1406	15/16	1 15/16	12
TR44410	5/32	.1562	1	2 1/16	12
TR44412	3/16	.1875	1 1/8	2 3/16	12
TR44414	7/32	.2188	1 1/4	2 3/8	12
TR44415	15/64	.2344	1 5/16	2 7/16	12
TR44416	1/4	.2500	1 3/8	2 1/2	12
TR44417	17/64	.2656	1 7/16	2 5/8	12
TR44418	9/32	.2812	1 1/2	2 11/16	12
TR44419	19/64	.2969	1 9/16	2 3/4	12
TR44420	5/16	.3125	1 5/8	2 13/16	6
TR44421	21/64	.3281	1 11/16	2 15/16	6
TR44424	3/8	.3750	1 13/16	3 1/8	6
TR44425	25/64	.3906	1 7/8	3 1/4	6
TR44426	13/32	.4062	1 15/16	3 5/16	6
TR44427	27/64	.4219	2	3 3/8	6
TR44428	7/16	.4375	2 1/16	3 7/16	6
TR44429	29/64	.4531	2 1/8	3 9/16	6
TR44432	1/2	.5000	2 1/4	3 3/4	6

TRIUMPH TWIST DRILL CO.

Aircraft Drills

HSS T6HH & T12HH Series

- 135° split-point for quick penetration and reduced "walking"
- Black oxide finish for added lubricity
- Range of applications: Iron, steel, stainless steel, wood
- For hard-to-reach drilling
- Made In USA

Item #	Size	Decimal Equivalent	Flute Length	Overall Length	Env. Qty.
T6HH					
TR57505	5/64	.0781	1	6	6
TR57506	3/32	.0938	1 1/4	6	6
TR57507	7/64	.1094	1 1/2	6	6
TR57508	1/8	.1250	1 5/8	6	6
TR57509	9/64	.1406	1 3/4	6	6
TR57510	5/32	.1562	2	6	6
TR57511	11/64	.1719	2 1/8	6	6
TR57512	3/16	.1875	2 5/16	6	6
TR57514	7/32	.2188	2 1/2	6	6
TR57515	15/64	.2344	2 5/8	6	6
TR57516	1/4	.2500	2 3/4	6	6
TR57520	5/16	.3125	3 3/16	6	6
TR57524	3/8	.3750	3 5/8	6	6
TR57528	7/16	.4375	4 1/16	6	6
TR57532	1/2	.5000	4 1/2	6	6
T12HH					
TR58508	1/8	.1250	1 5/8	12	6
TR58512	3/16	.1875	2 5/16	12	6
TR58516	1/4	.2500	2 3/4	12	6
TR58520	5/16	.3125	3 3/16	12	3
TR58524	3/8	.3750	3 5/8	12	3
TR58528	7/16	.4375	4 1/16	12	3
TR58532	1/2	.5000	4 1/2	12	3

TRIUMPH TWIST DRILL CO.

Reduced Shank Drill

HSS T9F Series

- 1/2" Shank
- 118° Point, high-speed steel, black oxide flutes - 3 flats
- Not designed to enlarge existing holes
- Flatted shank prevents slippage in three jaw chuck
- Flute Length - 3”
- Overall Length - 6”
- Made In USA

Item #	Size	Decimal Equivalent
TR92833	33/64	.5156
TR92834	17/32	.5312
TR92835	35/64	.5469
TR92836	9/16	.5625
TR92837	37/64	.5781
TR92838	19/32	.5938
TR92840	5/8	.6250
TR92841	41/64	.6406
TR92842	21/32	.6562
TR92844	11/16	.6875
TR92845	45/64	.7031
TR92846	23/32	.7188
TR92847	47/64	.7344
TR92848	3/4	.7500
TR92849	49/64	.7656
TR92850	25/32	.7812
TR92852	13/16	.8125
TR92853	53/64	.8281
TR92854	27/32	.8438
TR92856	7/8	.8750
TR92860	15/16	.9375
TR92863	63/64	.9844
TR92864	1	1.0000
TR92868	1 1/16	1.0625
TR92872	1 1/8	1.1250
TR92876	1 3/16	1.1875
TR92880	1 1/4	1.2500
TR92884	1 5/16	1.3125
TR92888	1 3/8	1.3750
TR92896	1 1/2	1.5000

TRIUMPH TWIST DRILL CO.

Double End Body Drills

HSS TSM8 Series

- 135° split-point for quick penetration and reduced "walking"
- Popular for pop rivet drilling applications
- Use for drilling any thin sheet material
- Finish: Black oxide
- Flute Length: 1/2
- Made In USA

Item #	Size	Decimal Equivalent	Overall Length
TR98808	1/8	.1250	2
TR98809	9/64	.1406	2
TR98810	5/32	.1562	2 1/16
TR98812	3/16	.1875	2 3/16
TR98814	7/32	.2188	2 3/8
TR98816	1/4	.2500	2 1/2
TR98820	20	.1610	2 1/8
TR98830	30	.1285	2

TRIUMPH TWIST DRILL CO.

Jobber Length Drills

T1D Series

- 135° Split-Point for quick penetration and reduced “walking”
- High speed steel
- Black oxide finish
- Use for heavy-duty construction
- Heavy-duty geometry and construction
- Made In USA

Item #	Size	Decimal Equivalent	Flute Length	Overall Length	Env. Qty.
TR11404	1/16	.0625	7/8	1 7/8	12
TR11405	5/64	.0781	1	2	12
TR11406	3/32	.0938	1 1/4	2 1/4	12
TR11407	7/64	.1094	1 1/2	2 5/8	12
TR11408	1/8	.1250	1 5/8	2 3/4	12
TR11409	9/64	.1406	1 3/4	2 7/8	12
TR11410	5/32	.1562	2	3 1/8	12
TR11411	11/64	.1719	2 1/8	3 1/4	12
TR11412	3/16	.1875	2 5/16	3 1/2	12
TR11413	13/64	.2031	2 7/16	3 5/8	12
TR11414	7/32	.2188	2 1/2	3 3/4	12
TR11415	15/64	.2344	2 5/8	3 7/8	12
TR11416	1/4	.2500	2 3/4	4	12
TR11417	17/64	.2656	2 7/8	4 1/8	12
TR11418	9/32	.2812	2 15/16	4 1/4	12
TR11419	19/64	.2969	3 1/16	4 3/8	12
TR11420	5/16	.3125	3 3/16	4 1/2	6
TR11421	21/64	.3281	3 5/16	4 5/8	6
TR11422	11/32	.3438	3 7/16	4 3/4	6
TR11423	23/64	.3594	3 1/2	4 7/8	6
TR11424	3/8	.3750	3 5/8	5	6
TR11425	25/64	.3906	3 3/4	5 1/8	6
TR11426	13/32	.4062	3 7/8	5 1/4	6
TR11427	27/64	.4219	3 15/16	5 3/8	6
TR11428	7/16	.4375	4 1/16	5 1/2	6
TR11428	29/64	.4531	4 3/16	5 5/8	6
TR11430	15/32	.4688	4 5/16	5 3/4	6
TR11431	31/64	.4844	4 3/8	5 7/8	6
TR11432	1/2	.5000	4 1/2	6	6

Don’t see the sizes you need?

Call your Edge sales representative for help today!

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TRIUMPH TWIST DRILL CO.

Jobber Length Drills

T2B Series

- 118° Point
- High speed steel
- Black oxide finish
- General purpose use
- Made In USA

Item #	Size	Decimal Equivalent	Flute Length	Overall Length	Env. Qty.
TR12201	#1	.2280	2⅝	3⅞	12
TR12202	#2	.2210	2⅝	3⅞	12
TR12203	#3	.2130	2½	3¾	12
TR12204	#4	.2090	2½	3¾	12
TR12205	#5	.2055	2½	3¾	12
TR12206	#6	.2040	2½	3¾	12
TR12207	#7	.2010	2⁷⁄₁₆	3⅝	12
TR12208	#8	.1990	2⁷⁄₁₆	3⅝	12
TR12209	#9	.1960	2⁷⁄₁₆	3⅝	12
TR12210	#10	.1935	2⁷⁄₁₆	3⅝	12
TR12211	#11	.1910	2⁵⁄₁₆	3½	12
TR12212	#12	.1890	2⁵⁄₁₆	3½	12
TR12213	#13	.1850	2⁵⁄₁₆	3½	12
TR12214	#14	.1820	2³⁄₁₆	3⅜	12
TR12215	#15	.1800	2³⁄₁₆	3⅜	12
TR12216	#16	.1770	2³⁄₁₆	3⅜	12
TR12217	#17	.1730	2-³⁄₁₆	3⅜	12
TR12218	#18	.1695	2-⅛	3¼	12
TR12219	#19	.1660	2-⅛	3¼	12
TR12220	#20	.1610	2-⅛	3¼	12
TR12221	#21	.1590	2-⅛	3¼	12
TR12222	#22	.1570	2	3⅛	12
TR12223	#23	.1540	2	3⅛	12
TR12224	#24	.1520	2	3⅛	12
TR12225	#25	.1495	1⅞	3	12
TR12226	#26	.1470	1⅞	3	12
TR12227	#27	.1440	1⅞	3	12
TR12228	#28	.1405	1¾	2⅞	12
TR12229	#29	.1360	1¾	2⅞	12
TR12230	#30	.1285	1⅝	2¾	12
TR12231	#31	.1200	1⅝	2¾	12
TR12232	#32	.1160	1⅝	2¾	12
TR12233	#33	.1130	1½	2⅝	12
TR12234	#34	.1110	1½	2⅝	12
TR12235	#35	.1100	1½	2⅝	12
TR12236	#36	.1065	1⁷⁄₁₆	2½	12
TR12237	#37	.1040	1⁷⁄₁₆	2½	12
TR12238	#38	.1015	1⁷⁄₁₆	2½	12
TR12239	#39	.0995	1⅜	2⅜	12
TR12240	#40	.0980	1⅜	2⅜	12
TR12241	#41	.0960	1⅜	2⅜	12
TR12242	#42	.0935	1¼	2¼	12
TR12243	#43	.0890	1¼	2¼	12
TR12244	#44	.0860	1⅛	2⅛	12
TR12245	#45	.0820	1⅛	2⅛	12
TR12246	#46	.0810	1⅛	2⅛	12
TR12247	#47	.0785	1	2	12
TR12248	#48	.0760	1	2	12
TR12249	#49	.0730	1	2	12
TR12250	#50	.0700	1	2	12
TR12251	#51	.0670	1	2	12
TR12252	#52	.0635	⅞	1⅞	12
TR12253	#53	.0595	⅞	1⅞	12
TR12254	#54	.0550	⅞	1⅞	12
TR12255	#55	.0520	⅞	1⅞	12
TR12256	#56	.0465	¾	1¾	12
TR12257	#57	.0430	¾	1¾	12
TR12258	#58	.0420	1¹⁄₁₆	1⅝	12
TR12259	#59	.0410	1¹⁄₁₆	1⅝	12
TR12260	#60	.0400	1¹⁄₁₆	1⅝	12

TRIUMPH TWIST DRILL CO.

Jobber Length Drills

T3B Series

- 118° Point
- High speed steel
- Black oxide finish
- General purpose use
- Made In USA

Item #	Size	Decimal Equivalent	Flute Length	Overall Length	Env. Qty.
TR13201	A	.2340	2 5/8	3 7/8	12
TR13202	B	.2380	2 3/4	4	12
TR13203	C	.2420	2 3/4	4	12
TR13204	D	.2460	2 3/4	4	12
TR13206	F	.2570	2 7/8	4 1/8	12
TR13207	G	.2610	2 7/8	4 1/8	12
TR13208	H	.2660	2 7/8	4 1/8	12
TR13209	I	.2720	2 7/8	4 1/8	12
TR13210	J	.2770	2 7/8	4 1/8	12
TR13211	K	.2810	2 15/16	4 1/4	12
TR13212	L	.2900	2 15/16	4 1/4	12
TR13213	M	.2950	3 1/16	4 3/8	12
TR13214	N	.3020	3 1/16	4 3/8	12
TR13215	O	.3160	3 3/16	4 1/2	6
TR13216	P	.3230	3 5/16	4 5/8	6
TR13217	Q	.3320	3 7/16	4 3/4	6
TR13218	R	.3390	3 7/16	4 3/4	6
TR13219	S	.3480	3 1/2	4 7/8	6
TR13220	T	.3580	3 1/2	4 7/8	6
TR13221	U	.3680	3 5/8	5	6
TR13222	V	.3770	3 5/8	5	6
TR13223	W	.3860	3 3/4	5 1/8	6
TR13224	X	.3970	3 3/4	5 1/8	6
TR13225	Y	.4040	3 7/8	5 1/4	6
TR13226	Z	.4130	3 7/8	5 1/4	6

TRIUMPH TWIST DRILL CO.

Jobber Length Drill Sets

Fractional

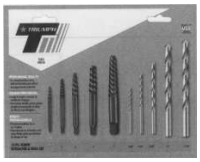
- Metal Indexes
- Heavy-Duty with Black Oxide Finish (99856 Black & Bronze Oxide)

Item #	Desc.	Range	Style
TR99803	29 Piece T17D	1/16"– 1/2" by 64ths	T17D
TR99809	15 Piece T18D	1/16"– 1/2" by 32ths	T18D
TR99815	13 Piece T19D	1/16"– 1/4" by 64ths	T19D
TR99836	21 Piece T180D	1/16"– 3/8" by 64ths	T180D
TR99856	29 Piece, T17HD	1/16"– 1/2" by 64ths	T17HD

TRIUMPH TWIST DRILL CO.

Screw Extractor and Drill Set

T50CX



- Combination sizes in vinyl pouch
- Set Qty.: 10-piece, Screw Extractor
- Drill Size Range: #1-5 and 5/64, 7/64, 5/32, 1/4, 17/64 in.
- Style: General Purpose, Finish: Gray Finish (Bright Finish Drills)

Item #
TR98150

IRWIN INDUSTRIAL TOOLS

6-Piece Wood Boring Bit Set

Speedbor® 2000™

- Double cutting spurs scribe the outside of the hole reducing breakout
- Grooved hex shank prevents slipping in drill chuck or bit extension
- Fits all standard quick change chucks

Item #
IR88898

IRWIN INDUSTRIAL TOOLS

13-Piece Wood Boring Bit Set

Set Includes:

- No.-Size: 88804-1/4", 88805-5/16", 88806-3/8", 88807-7/16", 88808-1/2", 88809-9/16", 88810-5/8", 88811-11/16", 88812-3/4", 88813-13/16", 88814-7/8", 88815-15/16", 88816-1"

Item #	Wt
IR88894	1.26

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IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Wood Boring Bits

- Hex shank
- 6" Speedbor2000® bits

Item #	Diameter (in.)
IR88804	¼
IR88805	5⁄16
IR88806	⅜
IR88807	7⁄16
IR88808	½
IR88809	9⁄16
IR88810	⅝
IR88811	11⁄16
IR88812	¾
IR88813	13⁄16
IR88814	⅞
IR88815	15⁄16
IR88816	1
IR88818	1⅛
IR88820	1¼
IR88822	1⅜
IR88824	1½

IRWIN INDUSTRIAL TOOLS

Wood Bit Extensions

- Adds extra reach to wood boring bit
- Extension head will follow 5/8" and larger bits through hole; two set screws secure bit into extension

Item #	Overall Length (in.)
IR88702	6
IR88601	12

IRWIN INDUSTRIAL TOOLS

Woodboring Drill Bit

Speedbor

- The fastest speedbor spade bit ever; Tri-Flute design for faster chip ejection
- Cutting spurs have 3 cutting edges for added durability
- Full screw tip allows bit to self feed; grooved hex shank prevents slipping in drill chuck or bit extension
- Fits all standard 1/4" quick change chucks
- Shank Length: 6”

Item #	Diameter (in.)
IR3041001	½
IR3041002	⅝
IR3041004	¾
IR3041005	⅞
IR3041007	1
IR3041009	1¼

IRWIN INDUSTRIAL TOOLS

Woodboring Drill Bit Sets

Speedbor

- The fastest speedbor spade bit ever
- Tri-Flute design for faster chip ejection
- Cutting spurs have 3 cutting edges for added durability
- Full screw tip allows bit to self feed
- Grooved hex shank prevents slipping in drill chuck or bit extension
- Fits all standard 1/4" quick change chucks
- Comes with a heavy-duty case
- Shank Length: 6”

Item #	Desc.
IR3041003	3-pc set includes ⅝",¾" and 1"
IR3041006	6-pc set includes ½", ⅝", ¾", ⅞", 1" and 1¼

IRWIN INDUSTRIAL TOOLS

Screwdriver Bit Set

16-Piece

- Contents: 1" Insert Bits: #1 Phillips (1), #2 Phillips (2), #3 Phillips (1), #2 Square Recess (2), 8-10 Slotted (1); Nutsetters: 1/4" (1), 5/16" (1), 3/8" (1); 2" Power Bits: #2 Phillips (2), #2 Square Recess (1), 8-10 Slotted (1), 6-8 Slotted (1); 2-1/4" Magnetic Bit Holder (1)

Item #
IR3057014

IRWIN INDUSTRIAL TOOLS

Installer Bits

- Constructed of premium alloy steel for drilling into a variety of materials including wood, plaster, and metal lath encountered while installing wire
- Special 82º point for fast drilling
- Hole in flute makes it easy to pull wire through walls, ceilings and floors
- Ideal for installation of small wire for telephones, cable TV, computers and security systems

Item #	Diameter (in.)	Overall Length (in.)
IR39004	¼	18
IR39005	5⁄16	18
IR39006	⅜	18
IR39007	7⁄16	18
IR39008	½	18
IR39404	¼	24
IR39405	5⁄16	24
IR39406	⅜	24
IR39408	½	24
IR39608	½	30

IRWIN INDUSTRIAL TOOLS

Magnetic Screw Guide

Retracting Sleeve

- Engineered to hold long fasteners in place
- Screw guide sleeve retracts as the fastener is driven into the work piece
- Magnetic for secure retention of fastener
- Designed for use with insert bits only
- 1/4” Shank Diameter

Item #	Retracted Length (in.)	Extended Length (in.)
IR93553	4 11/16	7 3/8

IRWIN INDUSTRIAL TOOLS

Quick Change Extensions

Irwin® Lock-N-Load®

Chuck and Extensions:

- Slim diameter chuck and extensions pass through 11/16" holes

Item #	Desc.
IR90106	6 in. Quick-Change Extension
IR90112	12 in. Quick-Change Extension

MAG-BIT©

High Speed Steel Bits

911 Long Boys

- Designed to give the roofing and framing contractor more holes per bit using pre-drilled joist hangers, anchors, caps and connectors
- 1/2" shank with 3 flats
- 118° point

Item #	Size (in.)
MAG911.1016	5/8
MAG911.1116	11/16
MAG911.1216	3/4
MAG911.1316	13/16
MAG911.1416	7/8
MAG911.1516	15/16
MAG911.1616	1
MAG911.1816	1 1/8
MAG911.2016	1 1/4

MAG-BIT©

Extension Bit

- Provided with 2 set screws & hex wrench
- Fits most boring tools with 1/4", 5/16", & 7/16" hex shanks
- 5/16" extensions require bits 5/8" or larger

Item #	Size (in.)
MAG782.12.0516	5/16x12

M K MORSE

Step Drills

- Excellent tool for electrical contractors, sheetmetal workers and auto mechanics
- Ideal for drilling repetitive holes in steel, copper, brass, plastic, plexiglas and other thin materials
- Made of high speed steel with double fluted ground cutting edge for long life
- TiN (Titanium Nitride) coated step drills last up to six times longer than those made without TiN coating

Item #	Desc.	Shank Inches (in.)
MKESD09	3/4” - 1 3/8” by 16ths	1/2
MKESD08	9/16” - 1” by 16ths	3/8
MKESD07	1/8” - 1/2” by 16ths	1/4
MKESD06	1/8” - 3/8” by 16ths	3/8
MKESD05	1/4” - 1 1/8” by 16ths	3/8
MKESD04	1/4” - 3/4” by 16ths	3/8
MKESD03	3/16” - 7/8” by 16ths	3/8
MKESD02	3/16” - 1/2” by 16ths	1/4
MKESD01	1/8” - 1/2” by 32nds	1/4

HOUGEN MFG., INC.

Carbide Holcutters™

- Cut smooth, fast, burr-free holes in all types of materials, from soft aluminum to tough-to-cut stainless and cast iron
- Features a shoulder stop to prevent over penetration of the work piece
- Ejector Spring helps with slug ejection
- Tungsten carbide provides long tool life and smooth cutting action
- Dramatically outlasts bi-metal hole saws and step drills
- For materials up to 1/8" thick
- All cutters include arbor, pilot and spring
- Made in the USA

Item #	Cutter Dia. (in.)	Decimal Equivalent
HG14322	11/16	.6875
HG14324	3/4	.7500
HG14326	13/16	.8125
HG14328	7/8	.8750
HG14330	15/16	.9375
HG14332	1	1.0000
HG14334	1 1/16	1.0625
HG14336	1 1/8	1.1250
HG14338	1 3/16	1.1875
HG14340	1 1/4	1.2500
HG14342	1 5/16	1.3125
HG14344	1 3/8	1.3750
HG14348	1 1/2	1.5000
HG14352	1 5/8	1.6250
HG14356	1 3/4	1.7500
HG14362	2	2.0000
HG14366	2 1/8	2.1250
HG14368	2 1/4	2.2500
HG14372	2 3/8	2.3750
HG14374	2 1/2	2.5000
HG14378	2 5/8	2.6250
HG14380	2 3/4	2.7500
HG14384	3	3.0000

Pilot Bits

HG14301	11/16" - 2 3/8"
HG14302	2 1/2" - 3"

Ejector Spring

HG14303	11/16" - 2 3/8"
HG14304	2 1/2" - 3"

HOUGEN MFG., INC.

HSS Holcutters™

- For sheet metal and thin materials up to 1/8" thick
- Last 10x longer and cut 3x faster than bi-metal hole saws or twist drills
- Use a single arbor, with a patented Quad-Lead thread mounting system
- Use with 14009 arbor
- Made in the USA

Item #	Cutter Dia. (in.)	Decimal Equivalent
HG14222	11/16	.6875
HG14224	3/4	.7500
HG14226	13/16	.8125
HG14228	7/8	.8750
HG14230	15/16	.9375
HG14232	1	1.0000
HG14234	1 1/16	1.0625
HG14236	1 1/8	1.1250
HG14238	1 3/16	1.1875
HG14240	1 1/4	1.2500
HG14242	1 5/16	1.3125
HG14244	1 3/8	1.3750
HG14246	1 7/16	1.4375
HG14248	1 1/2	1.5000
HG14250	1 9/16	1.5625
HG14252	1 5/8	1.6250
HG14254	1 11/16	1.6875
HG14256	1 3/4	1.7500
HG14260	1 7/8	1.8750
HG14262	2	2.0000
HG14264	2 1/16	2.0625
HG14266	2 1/8	2.1250
HG14268	2 1/4	2.2500
HG14272	2 3/8	2.3750
HG14274	2 1/2	2.5000
HG14276	2 9/16	2.5625
HG14278	2 5/8	2.6250
HG14280	2 3/4	2.7500
HG14282	2 7/8	2.8750
HG14284	3	3.0000

Arbor for Quad-Lead thread cutters (3/8 chuck)

HG14009

Pilot for 14009 Arbor

HG13007C

COOPER TOOLS - APEX DIVISION

1/4” Hex Insert Bit

Hex Phillips

Apex

Item #	Point Size	Overall Length (in.)
AP440-1*X	1	1
AP440-2*X	2	1
AP440-3*X	3	1

COOPER TOOLS - APEX DIVISION

1/4” Hex Insert Bit

Limited Clearance Phillips

Apex

Item #	Point Size	OA Lgth. (in.)	Turned Lgth. (in.)
AP446-1*X	1	1	7⁄16
AP446-2*X	2	1	7⁄16

COOPER TOOLS - APEX DIVISION

5/16” Hex Insert Slotted Bit

Phillips

Apex

- 5/16” Hex insert bits
- Phillips bit
- Turned OD (B): 0.108” (4.06 mm)

Item #	Point Size	Overall Length (in.)
AP480-2*X	2	1¼
AP480-3*X	3	1¼

COOPER TOOLS - APEX DIVISION

1/4” Hex Power Drive Bit

Hex Phillips

Apex

- Universal power notch to fit directly into the power tool for improved concentricity and easier clearance

Item #	Point Size	OA Length (in.)	Body Dia (in.)	Turned Length (in.)
AP491*X	1	1 15⁄16	3⁄16	1¼
AP491-A*X	1	2¾	3⁄16	2
AP491-B*X	1	3½	3⁄16	2¾
AP491-C*X	1	6	3⁄16	2
AP492*X	2	1 15⁄16	¼	1¼
AP492-A*X	2	2¾	¼	2
AP492-B*X	2	3½	¼	2¾
AP492-C*X	2	6	¼	2
AP493*X	3	1 15⁄16	5⁄16	1
AP493-A*X	3	2¾	5⁄16	1¾
AP493-B*X	3	3½	5⁄16	2½

COOPER TOOLS - APEX DIVISION

1/4” Hex Power Drive Bit

Slotted Bit

Apex

Item #	Screw Size	Length (in.)	Blade Thck (in)	Blade Width/Body Dia. (in.)
AP320-3*X	6F-8R	1 15⁄16	.038	.250
AP326-3*X	6F-8R	2¾	.038	.250
AP320-4*X	8F-10R	1 15⁄16	.042	.275
AP320-5*X	10F-12R	1 15⁄16	.046	.312

COOPER TOOLS - APEX DIVISION

1/4” Hex Insert Bit

Slotted

Apex

Item #	Screw Size	Length (in.)	Blade Thck (in.)
AP445-1*X	4F-5R	1	.034 (.86)
AP445-2*X	6F-8R	1	.040
AP445-3*X	8F-10R	1	.042
AP445-4*X	10F-12R	1	.046
Limited Clearance			
AP445-0X	3F-4R	1	.030
AP445-10*X	4F-5R	1	.034 (.86)
AP445-20*X	5F-6R	1	.036

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

COOPER TOOLS - APEX DIVISION

1/4" Hex Insert Bit

Hex Torx®

Apex

Item #	Driver Size (in.)	OA Length (in.)
AP440-TX-05*X	T-5	.055
AP440-TX-10*X	T-10	1
AP440-TX-20*X	T-20	1
AP440-TX-27*X	T-27	1
AP440-TX-30*X	T-30	1
AP440-TX-45*X	T-45	1¼
AP440-TX-08*X	T-8	.090
AP440-TX-15*X	T-15	.128
AP440-TX-25*X	T-25	.173
AP440-TX-40*X	T-40	.260
AP440-TX-50X	T-50	.346

COOPER TOOLS - APEX DIVISION

5/16" Hex Insert Bit

Torx®

Apex

Item #	Point Size	Width of Head (in.)	Overall Length (in.)
AP480-TX-30*X	T-30	.216	1¼
AP480-TX-40*X	T-40	.260	1¼
AP480-TX-50*X	T-50	.346	1¼

COOPER TOOLS - APEX DIVISION

1/4" Hex Power Drive Bit

Hex Torx®

Apex

Item #	Driver Size	Body Dia. (in.)	OA Lgth. (in.)
AP49-A-TX-20	T-20	.171	2¾
AP49-A-TX-25	T-25	.193	2¾

COOPER TOOLS - APEX DIVISION

1/4" Hex Insert Bit

Square Recess

Apex

Item #	Point Size	Nominal Size (in.)	OA Length (in.)
AP950-0*X	0	1/16	1
AP950-1*X	1	3/32	1
AP950-2*X	2	1/8	1
AP950-3*X	3	9/64	1

COOPER TOOLS - APEX DIVISION

1/4" Hex Power Drive Bit

Square Recess

Apex

Item #	Point Size (in.)	Nominal Size (in.)	Overall Length (in.)
AP954-1*X	1	3/32	15/16
AP954-A-1*X	1	3/32	2¾
AP954-B-1*X	1	3/32	3½
AP954-2*X	2	1/8	1 15/16
AP954-A-2*X	2	1/8	2¾
AP954-B-2*X	2	1/8	3½
AP954-3*X	3	9/64	1 15/16
AP954-A-3*X	3	9/64	2¾
AP954-B-3*X	3	9/64	3½
AP954-C-2*X	2	1/8	6
AP954-C-3*X	3	9/64	6

COOPER TOOLS - APEX DIVISION

1/4" Hex Drive Bit Holder

Magnetic

Apex

Item #	Overall Length (in.)
APM-490	2 31/32
APM-490-2	2
APM-490-6	6

COOPER TOOLS - APEX DIVISION

1/4" Hex Drive Nutsetter

Magnetic

Apex

Item #	Size (in.)	OA Length (in.)	Socket Nose Dia (in.)
APMDA-08	1/4	1 3/4	7/16
APMDA-10	5/16	1 3/4	1/2
APMDA-12	3/8	1 3/4	9/16
APMDB-08	1/4	2 9/16	7/16
APMDB-10	5/16	2 9/16	1/2
APMDB-12	3/8	2 9/16	9/16
APMDB-14	7/16	2 9/16	5/8

COOPER TOOLS - APEX DIVISION

1/4" Hex Extension

Square Drive Socket Adapter

Apex

Item #	Overall Length (in.)	Type of Lock
1/4" Male Square		
APEX-250-2	2	Pin
APEX-250-B-2	2	Ball
APEX-250-3	3	Pin
APEX-250-6	6	Pin
3/8" Male Square		
APEX-370-B	1/4	Ball
APEX-370-B-2	1/4	Ball
1/2" Male Square		
APEX-500-B-2	2	Ball

IDEAL INDUSTRIES

Powerblade™ Cable Cutter

- Versatile unit fits any drill that accepts a 3/8" drive shaft
- Cuts up to 750 MCM hard-drawn copper and up to 1,000 MCM aluminum
- Hardened steel blades ensure consistent cuts and long-term durability
- Rounded blade design minimizes cable distortion during cutting
- Ergonomic, non-slip handle provides excellent grip and comfort

Item #
ID35-078

MALCO PRODUCTS INC.

TurboShear™

TS1 Drill Attachment

- Inserts into chuck of A/C or cordless drill
- Cuts a variety of building materials
- 20 gauge capacity in galvanized steel

Item #	Desc.
MCTS1	Power assisted metal shears

MALCO PRODUCTS INC.

TurboShear Heavy-Duty™

TSHD Drill Attachment

- Inserts into chuck of 14.4 volt or larger A/C or cordless drill
- Clamping devise is standard with TSHD TurboShear
- Navigates tight patterns and square cuts
- Cuts a variety of building materials with the ability to reposition upside down for greater maneuverability
- 18 gauge capacity in galvanized steel

Item #	Desc.
MCTSHD	Power assisted heavy-duty shears

MALCO PRODUCTS INC.

Fiber Cement Siding TurboShear™

TSF1 Drill Attachment

- Attaches to your existing cordless or A/C drill to go where the work is; straight shearing, precise arcs, fine trimming
- Fast cutting blades are specialized for fiber cement siding only up to 5/16"

Item #	Desc.
MCTSFC	Power assisted fiber cement shears

APEX

Plain Bearing Chuck

Thread Mounted/Heavy-Duty

Jacobs®

- Heavy-duty model for threaded mounting
- Jaws center-ground for absolute straightness and alignment
- Jaws specially treated to ensure extended thread life and high gripping surface hardness
- Fluted sleeve standard

Item #	Maximum Capacity Range in. (mm)	Mount Thread	Key No.	Closed Length Dimension (in.)	Open Length Dimension (in.)	Sleeve Dia. Dimension (in.)	Model No.	Wt
PJA6255	0.250 (6.5)	⅜-24	K7	2.23	1.74	1.33	7BA ⅜	7

APEX

Multi-Craft® Drill Chuck

Jacobs®

- Ideal for corded or cordless reversible or non-reversible power drills
- Through-hardened jaws for hard, wear resistant gripping surfaces

Item #	Model No.	Cap. Range Min. (in.)	Cap. Range Max. (in.)	Mount Thrd.	Key No.
PJA30598	½ Cap.	0.078	0.500	⅜ - 24	KK

APEX

Keyless Drill Chuck

Jacobs®

- Patented keyless design produces greater bit ripping force than conventional keyed chucks
- Hand-Tite® keyless operation increases operator productivity and convenience by speeding bit changeovers and eliminating downtime caused by loss of chuck keys

Item #	Model No.	Cap. Range Min. (in.)	Cap. Range Max. (in.)	Mount Thrd.	OA Lgth. (in.)
PJA30354	10 mm Cap. (⅜)	0.040	0.375	⅜ - 24	2.00
PJA31038	13 mm Cap. (½)	0.062	0.500	½ - 20	2.90
PJA31037	13 mm Cap. (½)	0.062	0.500	⅜ - 24	2.90

APEX

Replacement Chuck Keys

Jacobs®

Item #	Pilot Size (in.)	Used On Chuck	Key No.	Handle Type
PJA3649	¼	2 Series	K2	Thumb
PJA3651	5⁄16	3, 34 Series & 14N	K3	Thumb
PJA3655	⅜	36, 16, 18N	K4	Thumb
PJA3659	7⁄32	7 Series	K7	Thumb
PJA3666	¼	32, 33 Series & 11N	K32	Thumb
PJA30052	9⁄32	DC8, SM8, 74K, 22BA,23BA, 24BA, 26BA, 29-33	KK	“T”
PJA14273	¼	¼ & ⅜Multi-Craft(Black Handle)		“T”

APEX

APEX

Replacement Keyleashes

Jacobs®

- Keyleash Model A (3685) fits key No. K0, K1, K7, KG
- Keyleash Model B (3686) fits key No. K30, K32, K2, KK

Item #
PJA3685
PJA3686

APEX

Adapt-a-Drive® Chuck

Jacobs®

- Converts any cordless screwdriver to a multi-purpose mini-drill for bit sizes up to 1/4”
- Easy conversion-integral hex mount locks the Adapt-A-Drive chuck into the screw-driver bit socket
- Ideal for use in starting screw holes for use in hard-to-reach spaces
- Mount Thread: .250-Hex
- Key No.: KG1

Item #
PJA30248

BIG FOOT

Saw Adapter Kit

Worm Drive Saws

- Fits Skil® 7-1/4" HD77, HD77M & Bosch® 7-1/4" 1677M
- Allows 3-3/4" depth of cut and will cut any 4x material in one pass
- Kit comes with the new short depth slide, installation instructions, 10-1/4" x 36 carbide blade

Item #
PBF KIT

VOLEX

3 Wire Cord With Moulded Strain Reliefs

Type SJ

- Replaces Milwaukee cord # 22-64-0395

Item #	Gauge/ Wires	Length (ft.)	Rating	Plug
PEUC-7661	16/3	9	300 Volt	Moulded Rubber Plug

VOLEX

3 Wire Cord With Moulded Strain Reliefs

Type SJO

- Replaces DeWalt cord # 400366-98

Item #	Gauge/ Wires	Length (ft.)	Rating	Plug
PEUC-7430	16/3	10	300 Volt	Moulded Rubber Cord

VOLEX

3 Wire Cord With Moulded Strain Reliefs

Type S

Item #	Gauge/ Wires	Length (ft.)	Rating	Plug
PEUC-9196	16/3	10	600 Volt	Moulded Rubber Cord

VOLEX

2 Wire Cord

Type SJ

- C-7308 replaces DeWalt # 448557-98
- C-7330 replaces DeWalt # 330081-08

Item #	Gauge/ Wires	Lengt h (ft.)	Rating	Plug
PEUC-7308	18/2	8	300 Volt	Moulded Rubber Plug
PEUC-7330	16/2	10	300 Volt	Moulded Rubber Plug

Volex

VOLEX

3 Wire Cord

Type S & SJ

- C-7408 replaces DeWalt cord # 36480-98
- C-7422 replaces DeWalt cord # 36495-98

Item #	Gauge/ Wires	Length (ft.)	Rating	Type	Plug
PEUC-7408	18/3	8	300 Volt	SJ	Moulded Rubber Plug
PEUC-7422	16/3	12	300 Volt	SJ	Moulded Rubber Plug

Hougen

HOUGEN MFG., INC.

HSS Holcutters™ Kit

- Sturdy plastic case contains Arbor, Pilots, Hex Washer, instructions, and HSS Holcutters: 7/8, 1-1/8, 1-3/8, 1-3/4, 2 & 2-1/2”
- For sheet metal and thin materials up to 1/8” thick
- Last 10x longer and cut 3x faster than bi-metal hole saws or twist drills
- Use a single arbor, with a patented Quad-Lead thread mounting system
- Use with 14009 arbor
- Made in the USA

Item #	Desc.
HG14005C	6 Cutter Kit

Don’t see what you are looking for? Call us and we’ll do our best to track it down.

Edge is a warranty repair center for most major lines.

Need repair parts . . . then give us a call.

Don’t want to buy? Give us a call and inquire about renting.

RIDGID

RIDGE TOOL CO.

Pipe Wrench

Straight Cast Iron Housing

- I-beam handle for comfortable grip and strength without excess weight
- Full-floating forged hook jaw with spring suspension for instant grip, instant release
- Uniquely braced, extra-strong mount for heel jaw

Item #	Length (in.)	Pipe Cap. (in.)
RI31000	6	¾
RI31005	8	1
RI31010	10	1½
RI31015	12	2
RI31020	14	2
RI31025	18	2½
RI31030	24	3
RI31035	36	5
RI31040	48	6
RI31045	60	8

RIDGE TOOL CO.

End Pipe Wrench

Cast-Iron Housing

- Assures a fast and easy grip for pipe working in restricted spaces or close to a wall

Item #	Size (in.)	Pipe Cap. (in.)
RI31065	12	2
RI31075	18	2½
RI31080	24	3

RIDGE TOOL CO.

Pipe Wrenches

Compound Leverage

The original heavy-duty pipe wrench with types and sizes to fit every application.

- Sturdy cast-iron housing and I-beam handle for comfortable grip and strength without excess weight
- Full-floating forged hook jaw with spring suspension for instant grip, instant release

Item #	Model No.	Pipe Capacity (in.)
RI31385	S-6A	6

RIDGE TOOL CO.

Pipe Wrench

Straight Aluminum Handle

- Nearly 40% lighter than comparable cast-iron models of the same size
- Jaws and all other parts identical to Ridgid® heavy-duty wrenches

Item #	Length (in.)	Pipe Cap. (in.)
RI31090	10	1½
RI47057	12	2
RI31095	14	2
RI31100	18	2½
RI31105	24	3
RI31110	36	5
RI31115	48	6

RIDGE TOOL CO.

Offset Pipe Wrench

Aluminum Handle

- Aluminum handle offset pipe wrench
- Nearly 50% lighter than comparable cast-iron models of the same size
- Features a jaw opening parallel to the handle and a narrower hook jaw head which provides easy entry into tight spots

Item #	Nom. Size	Pipe Cap. (in.)
RI31120	14	2
RI31125	18	2½
RI31130	24	3

RIDGE TOOL CO.

End Wrench

Aluminum

Model E-910

- Ideal for jobs in close quarters and overhead applications
- Designed for easy access in close parallel lines
- 40% lighter than heavy-duty wrenches
- Nom. Size: 10”
- Pipe Capacity: 1-1/2”

Item #
RI90107

RIDGE TOOL CO.

1-1/8” to 2-5/8” Hex Wrench

Offset

- Cast iron housing and I–beam handle
- Hex jaw design gives multi-sided, secure grip on all hex nuts, square nuts, unions, and valve packing nuts
- The extra-wide opening offset model is ideal for securing drain nuts on sinks and tubs
- Length: 9-1/2”
- Capacity: 1-1/8” - 2-5/8”

Item #
RI31305

RIDGID

RIDGE TOOL CO.

Chain Wrenches

- A double jaw gives fast, ratchet-like action in either direction
- The heavy-duty model has replaceable alloy steel jaws
- The light-duty model has a one-piece forged alloy steel handle and jaw; ideal for use in close quarters

Item #	Model No.	Desc.	Rated Pipe Cap. (in.)	Actual O.D. Capacity (in.)	Chain Length (in.)
RI31310	C-12	Light-Duty Chain	2	4	15¾
RI31315	C-14	Heavy-Duty Chain	2	5	18½
RI31320	C-18	Heavy-Duty Chain	2½	5	20¼
RI31325	C-24	Heavy-Duty Chain	3	5	20¼
RI31330	C-36	Heavy-Duty Chain	4½	7½	29

RIDGE TOOL CO.

Strap Wrench

For Polished Pipe

- Best for any polished pipe
- Strong, woven nylon strap gives tight grip
- Polyurethane-coated strap prevents scratching

Item #	Handle Lgth. (in.)	Strap Lgth. (in.)	Strap Width (in.)	Pipe Cap. (in.)	Tube Cap. OD (in.)
RI31340	11¾	17	1⅛	2	3½
RI31345	11¾	30	1⅛	2	5½
RI31350	11¾	24	1⅛	2	5½
RI31355	11¾	17	1 1/16	2	3½
RI31360	18	29¼	1¾	5	7
RI31365	18	48	1¾	5	12

RIDGE TOOL CO.

Spud Wrench

Narrow Jaws

12" Spud wrench features narrow jaws to fit into tight places. Smooth, toothless jaws ideal for square or rect-angular stock.

-
- Length (in.): 12
- Capacity (in.): 3/8 - 2-5/8

Item #
RI31400

RIDGE TOOL CO.

Internal Wrench

Eccentric Action Jaws

Holds closet spuds and bath, basin and sink strainers through 2". Use to install or extract 1" through 2" nipples. Jaws expand by eccentric action and are reversible for various sizes.

- Internal wrench
- Length (in.): 4-1/2
- Capacity (in.): 1-2

Item #	Model No.
RI31405	342

RIDGID

RIDGE TOOL CO.

Basin Wrench

Spring Loaded Jaw

- Spring-loaded jaws of forged alloy steel provide fast, one-hand ratcheting
- Tension plug holds head in any position up to 90° angle

Item #	Model	Lgth. (in.)	Cap. (in.)
RI31175	1017	10–17	⅜-1¼
RI31180	1019	10–17	1¼ - 2½

RIDGE TOOL CO.

Torque Wrench

For Soil Pipe Couplings

- The 3/8" drive tightens with a fast ratchet action until the wrench clicks for accurate 80 inch-pounds torque
- For no-hub cast-iron soil pipe couplings

Item #
RI14988

RIDGE TOOL CO.

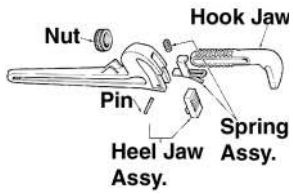
Faucet & Sink Installer

- Extra long to turn hard to reach mounting nuts on faucets, sprayers and ball cocks
- Notched ends engage 2, 3, 4 and 6 tab basin nuts
- Open slot allows easy access over existing supply lines
- Shutoff valve attachment turns hard to reach angle stops without marring chrome
- Strainer basket attachment holds drain unit in place while tightening strainer nut
- Works with 7/8” & 1” metal or plastic hex nuts
- Light-weight, high strength plastic construction with durable aluminum inserts

Item #
RI66807

RIDGE TOOL CO.

Pipe Wrench Parts



- Listed below are repair parts for Ridgid® pipe wrenches:

Item #	Part Desc.	Size (in.)
RI31555	Hook Jaw	6
RI31570	Nut	6
RI31580	Hook Jaw	8
RI31585	Heel Jaw Assy.	8
RI31595	Nut	8
RI31605	Hook Jaw	10
RI31610	Heel Jaw Assy.	10
RI31615	Nut	10
RI31630	Hook Jaw	12
RI31635	Heel Jaw Assy.	12-14
RI31655	Hook Jaw	14
RI31660	Spring Assy.	14
RI31665	Nut	14
RI31670	Hook Jaw	18
RI31675	Heel Jaw Assy.	18
RI31680	Spring Assy.	18
RI31685	Nut	18
RI31695	Hook Jaw	24
RI31700	Heel Jaw Assy.	24
RI31705	Spring Assy.	24
RI31710	Nut	24
RI31720	Hook Jaw	36
RI31725	Heel Jaw Assy.	36
RI31730	Spring Assy.	36
RI31735	Nut	36
RI31745	Hook Jaw	48
RI31750	Heel Jaw Assy.	48
RI31760	Nut	48
RI31765	Pin	48
RI31775	Heel Jaw Assy.	60
RI31790	Pin	60

RIDGE TOOL CO.

Pipe Vise

Bench Yoke Type

- Yoke and base made of strong, dependable iron
- Hardened alloy steel jaws and convenient pipe rest and bender

Item #	Pipe Cap.
RI40085	⅛-2½

RIDGID

RIDGE TOOL CO.

Portable Tristand Vise

- Portable tristand vises - integral legs and tray fold in for easy carrying and setup
- Large vise base overhangs front legs for clear tool swing
- Complete with slots for hanging tools, pipe rest, three pipe benders, and ceiling brace screw
- Jaw for Plastic Pipe available for RI72037; order separately

Item #	Model #	Pipe Cap. (in.)	Desc.	Weight (lb.)
RI40130	40-A	⅛-2½	Yoke	48½
RI16703	425	⅛-2½	Chain	32
RI72037	460	⅛-6	Chain	47

RIDGE TOOL CO.

Bench Chain Vise

Top Screw

- Crank handle is anchored to base
- Rugged cast-iron base has jaws of hardened alloy steel, handy pipe rest, and bender

Item #	Pipe Cap. (in.)
RI40185	⅛-2½
RI40195	⅛-4
RI40210	¼-6
RI40215	½-8

RIDGE TOOL CO.

Bench Chain Vise

- Crank handle is anchored to base
- Rugged cast-iron base has handy pipe rest and bender. Capacities of 1/8" through 8"
- Two models available for plastic pipe. Toothless jaws are neoprene-coated to prevent scoring of pipe

Item #	Model No.	Desc.	Pipe Capacity (in.)
RI40205	BC510	Top Screw Bench Chain Vise	⅛ - 5

RIDGE TOOL CO.

Pipe Welding Vise

- Made of durable performance-proven material and designed to resist strain, heat and warpage during tacking
- Machined swivel nuts and pins, together with special chain screws, give smooth and trouble-free assembling of the vise onto pipe

Item #	Model No.	Desc.	Pipe Capacity (in.)
RI40220	461	Straight Pipe Welding Vise	½-8

RIDGE TOOL CO.

Pipe Cutters

Heavy-Duty

- Fast, clean pipe cutting by hand or power
- Extra-long shank protects adjustment threads, while an extra-large handle is provided for quick, easy adjustment
- Can be converted to 3-wheel cutter by replacing rollers with cutter wheel, or the 2-A and 4-S can be ordered as 3-wheel model for use in areas where a complete turn is not possible

Item #	Model No.	Nom. Pipe Cap.
RI32820	2-A	⅛-2
RI32825	2-A	⅛-2
RI32830	3-S	1-3
RI32840	4-S	2-4
RI32850	6-S	4-6

RIDGE TOOL CO.

Pipe Cutters

4-Wheel

- Designed for work in areas where a complete turn is impossible
- No. 42-A has a short handle for use in confined areas where only a 130° turn can be made
- Second handle on No. 44-S makes two-man leverage possible for large pipe sizes
- Both equipped with four heavy-duty wheels

Item #	Model No.	Nom. Pipe Cap.
RI32870	42-A	¾-2
RI32880	44-S	2½-4

RIDGID

RIDGE TOOL CO.

Pipe Cutter

Wide-Roll

Model 202

- Featuring extra–wide rolls, this cutter is especially designed for use with power drives; the wide rolls provide for true tracking and cleaner cuts
- Pipe Capacity: 1/8”-2

Item #
RI32895

RIDGE TOOL CO.

Soil Pipe Cutter

No. 226

The new, compact, lightweight Ridgid Model 226 In-Place Soil Pipe Cutter is ideal for use on cast iron and clay pipe in service applications where space is limited, such as against the wall or overhead.

Item #
RI69982

RIDGE TOOL CO.

Soil Pipe Cutters

No. 206

- No. 206: Cuts 1-1/2"-6" No Hub® soil pipe
- Lighter weight and closer spacing of cutter wheels, together with simple ratcheting action, give smooth cut on lighter wall pipe
- Ratchet-action handle parallel to pipe allows for application in trenches of minimum width
- Complete with hand guard to protect operator's knuckles when cutting

Item #	Model No.	Desc.	Capacity (in.)	Capacity (mm)	Replmt. Chain Cat#
RI68650	206	Soil Pipe Cutter No Hub®	1½ - 6	50 - 150	33670

RIDGE TOOL CO.

Soil Pipe Cutter

No. 246

- Cuts 2"–6" clay, cast-iron, asbestos, cement pipe, and 4" class 22 water main
- Ratchet action handle parallels pipe so trench can be minimum width
- Complete with hand guard to protect operator’s knuckles at time of cut

Item #
RI32900

RIDGE TOOL CO.

Soil Pipe Cutter

No. 276

Provides one stroke cutting of 1-1/2" - 6" service weight, No Hub® soil pipe, clay, asbestos and cement pipe. Makes repeated cuts quickly.

- Expand capacity up to 8" service weight soil pipe by ordering (1) Catalog No. 33665 chain extension assembly

Item #
RI74207

RIDGE TOOL CO.

Pipe Taps

Hand Use Only

- Made from carbon steel in right hand configuration only
- These taps are especially suited for restricted area work
- All taps have taper of 3/4" per foot
- Marked with drill size for pilot hole

Item #	Drill Size (in.)	Nom. Pipe Size (in.)	Threads Per Inch
RI35815	21/64	1/8	27
RI35820	7/16	1/4	18
RI35825	9/16	3/8	18
RI35830	45/64	1/2	14
RI35835	29/32	3/4	14
RI35840	9/64	1	11½
RI35845	1 31/64	1¼	11½
RI35850	1 47/64	1½	11½
RI35855	2 15/64	2	11½

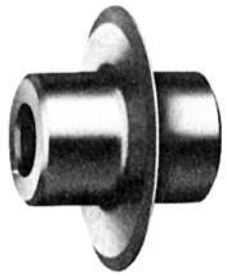
We Rent & Repair Ridgid Equipment

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

RIDGID

RIDGE TOOL CO.

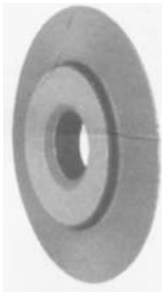
Pipe Cutter Wheels



Item #	Blade Exp. (in.)	Fits	Application/Material
RI33100	.312	Models 1A, 2A, 202, 42A, 360, 802/364, 732	Steel Grey Pipe & Ductile Iron
RI33105	.312	Models 42A, 1A, 2A, 202, 360, 802/364, 732	Steel Grey Pipe & Ductile Iron
RI33110	.312	F-3S	S.S. Pipe
RI33115	.132	Models 1A, 2A, 42A, 202, 360, 802/364, 732	Grey Cast Iron
RI33120	.411	Models 3S, 4S, 44S, 466C, 466S, 466HWS, 468S, 468HWS, 472S, 472HWS, 764	Steel Grey Pipe & Ductile Iron
RI33125	.411	Models 44S, 3S, 4S, 466C, 466S, 466HWS, 468S, 468HWS, 472C, 472S, 472HWS, 764	Steel Grey Pipe & Ductile Iron
RI33130	.411	F-229S	S.S. Pipe
RI33145	.470	Model 6S, 208, 209	Steel & Ductile Iron
RI33150	.470	F-367S	S.S. Pipe
RI33155	.265	F-383	Grey Cast Iron
RI33220	.360	E-109	Cast Iron
RI33225	.244	E-2632	Grey Cast Iron
RI44185	.450	42A, 202, 802/ 364, 732	Steel Pipe & Ductile Iron
RI44190	.450	E-1032S	S.S. Pipe

RIDGE TOOL CO.

Cutter Wheels



Tubing

- Replacement cutter wheels for tubing cutters

74720: Model Nos.: 131P/151P, 132P/152P, 153P, 205P denotes cutter wheel furnished with original
33175: Model Nos.: 30, 40, 134/154, 136/156 denotes alternate cutter wheel
*

Item #	Model No.	Std. Pk.	Blade Exp.	Application
RI33160	F-158		Aluminum Copper	
RI33165	E-1240		Steel/Stainless Steel	
RI33170	E-2558		Aluminum & Copper	
RI33175	E-2191	6	.292	Steel Tubing
RI33180	E-5299	6	.412	PVC, ABS, Std. Wall
RI33185	E-3469		Aluminum & Copper	
RI33190	E-4546		Steel/Stainless Steel	
RI33195	E-5272	6	.290	PVC, ABS, Std. Wall
RI33200	E-1740		Soft Flexible Plastic	
RI33205	E-2990	1	.112	Steel, Aluminum & Copper
RI74720	E-2155	1	.286	PE, PB, PP, Std. & Heavy Wall
RI74730	E-2156		PE, PB, PP, STD & Hvy Wall	

RIDGID

Pipe Reamers

- No. 2–S Spiral Ratchet Reamers - Self-feeding spiral design for extra-fast and easy hand reaming (Model 2-S not suitable for power reaming)
- Nos. 2 & 3 Ratchet Reamers - Ratchet Reamer - Long taper design will not dig in; suitable for use with power drives
- No. 254 Spiral Ratchet Reamer - Hollow center reduces weight; large pressure plate; hardened alloy steel cone removable for sharpening (not suitable for power reaming)
- All reamers include handle

Item #	Model No.	Desc.	Capacity (in.)	Weight (lb.)	Replacement Cone Cat. No.
RI34945	2	Straight Reamer	⅛ - 2	7	34975
RI34950	3	Straight Reamer with Handle	⅜ - 3	11½	35090
RI34955	2-S	Spiral Reamer	¼ - 2	7¼	35020
RI34960	254	Spiral Reamer with Handle	2½ - 4	14	35135

RIDGE TOOL CO.

Pipe Extractors

- Ridgid pipe extractors make easy work of removing broken threaded ends of pipe, pipe plugs, fittings, etc.
- Each is plainly marked showing drill size used when solid ends of plugs and fittings must be drilled to receive extractor

Item #	Pipe Size (in.)	OA Lgth. (in.)	Use Drill Size (in.)
RI35600	¼	2½	⅜
RI35605	⅜	2¾	½
RI35610	½	3	⅝
RI35615	¾	3¼	1³⁄₁₆
RI35620	1	3½	1¹⁄₁₆
RI35625	1¼	3¾	1⅜
RI35630	1½	4	1⁹⁄₁₆
RI35635	2	4½	2¹⁄₁₆

RIDGE TOOL CO.

Pipe Extractor Sets

Pipe Tools

- Ridgid pipe extractors make easy work of removing broken threaded ends of pipe, pipe plugs, fittings, etc.
- Each is plainly marked showing drill size used when solid ends of plugs and fittings must be drilled to receive extractor

Item #	Model No.	Cap./Pipe Size (in.)	Cap./Pipe Size (mm)	Set Includes
RI35685	883	⅛-1	3-25	Nos. 80 to 85 Inclusive

RIDGE TOOL CO.

Copper Cutting and Prep Machine

Model 122

This machine is designed to cut, clean, ream*, and debur 1/2" to 2" copper tubing and fittings quickly and professionally. Weighing only 50 pounds and possessing a conveniently located carrying handle, the Model 122 is ideal for transport directly to the job site.

*Reams up to 2" in diameter

- Core Reamer easily removes turbulence-causing burrs
- Built-in 1/2" - Incremental Scale for quick, easy measuring

Item #
RI93492

RIDGID

RIDGE TOOL CO.

Power Pipe Cutter

2-1/2" to 8"

Model 258

The Ridgid Model 258 Power Pipe Cutter is uniquely engineered to cut 2-1/2" to 8" schedule 10/40 steel pipe, galvanized pipe, rigid conduit etc. at the job site or in the shop

- Powered by the Ridgid No. 700 Power Drive, the 258 is a displacement cuter that provides square cuts
- Great for cutting pipe for groove joining
- Adaptable for beveling

Specifications:

- Cutting capacity: 2-1/2" to 8" schedule 10*/40 steel pipe

Standard Equipment:

- One Ridgid 774 square drive adapter; one 8-1/2" HD cutter wheel assembly; one hydraulic ram and foot pump; two 2-1/2" to 12" ball transfer pipe supports

Item #
RI50767

RIDGE TOOL CO.

8-1/2" H-D Cutter Wheel

Model E-258

Item #
RI50812

RIDGE TOOL CO.

Tubing Cutters

Midget - Close Quarters

- Specifically designed for use in restricted spaces on small diameter, hard and soft copper, aluminum, brass and plastic tubing, rollers include grooves for close-to-flare cuts
- Strong, lightweight slide and wheel housing, large knurled feed screw knob gives easy control of cutting pressure for clean cuts
- Model 117 includes a self-feeding cutter wheel that automatically cuts after tightening the knob only once (AUTOFEED™), as well as a special knob for easier tightening of the feedscrew
- Models 110 and 117 include spare cutter wheel in knob

Item #	Model No.	Desc.	Capacity (in.)
RI40617	101	Close Quarters Cutter	¼ - 1⅛
RI32975	103	Close Quarters Cutter	⅛ - ⅝
RI32985	104	Close Quarters Cutter	3⁄16 - 15⁄16
RI97787	117	Close Quarters AUTOFEED™ Cutter	3⁄16 - 5⁄16

RIDGE TOOL CO

Tubing Cutters

Enclosed Feed Screw

- Features an enclosed feed screw to eliminate clogging and jamming, grooved rolls for close-to-flare cuts, and a fold-away reamer
- Cuts copper, brass, and aluminum tubing, and thin-wall conduit
- Model 205 has all the features of the No. 150, plus a quick-acting mechanism.

Item #	Model No.	Desc.	Cap. (in.)
RI31622	150	Enclosed Feed Cutter	⅛-1⅛
RI31627	150	Above W/H-D Wheel(s)	⅛-1⅛
RI33055	205	Ratcheting Enclosed Feed Cutter	¼-2⅜

RIDGE TOOL CO

Tubing & Conduit Cutters

With New X-CEL Features

- Clean, square cuts are easily made on copper, brass, aluminum, and thin-wall conduit
- Now includes X-CEL Knob for quicker cutting
- Nos. 10, 15 and 20 feature a convenient fold-away reamer
- No. 30 is rated for larger diameter steel and stainless steel tubing
- No. 65S is especially designed for stainless steel tubing; includes six individual bearings and cutter wheel to make stainless cutting easier

Item #	Model No.	Desc.	Std. Wheel	Capacity (in.)
RI32910	10	Tubing and Conduit Cutter	F-158	⅛-1
RI32915	10	Above w/H-D Wheel	E-1240	⅛-1
RI32920	15	Tubing and Conduit Cutter	F-158	3⁄16-1⅛
RI32925	15	Above w/H-D Wheel	F-58	3⁄16-1⅛
RI32930	20	Tubing and Conduit Cutter	F-158	⅝-2⅛
RI32935	20	Above w/H-D Wheel	E-1240	⅝-2⅛
RI32950	30	Above w/H-D Wheel	E-2191	1-3⅛

RIDGID

RIDGE TOOL CO.

1/4 to 4-1/2" Tubing Cutters

Quick Acting

I-Beam Construction

- Models 151-156 feature a quick-acting design, I-beam construction, hardened wear surfaces and thrust bearing slide assemblies for smooth operation
- All models now include an X-CEL Knob and X-CEL Pin for quicker cutting and wheel replacement
- These cutters are available in models for plastic pipe or metallic tubing
- Models 151 and 152 feature fold-away reamers

*Plastic models do not include a spare cutting wheel

** Nominal plastic pipe size

Item #	Model #	Desc.	Std. Wheel	Cap. (in.)
RI31632	151	Quick-Acting Cutter	E–3469	¼-1⅝
RI31637	151-P	Above w/Wheel for Plastic	E-2155	⅛-1¼**
RI31642	152	Quick-Acting Cutter	E–3469	¼-2⅝
RI31647	152-P	Above w/Wheel for Plastic	E-2155	¼-2**
RI36597	153	Quick-Acting Cutter	E–3469	1¼-3½
RI36592	153-P	Above w/Wheel for Plastic*	E-2155	1-3**
RI31652	154	Quick-Acting Cutter	E–2558	1⅞-4½
RI31657	154-P	Above w/Wheel for Plastic*	E-2156	1½-4**
RI31662	156	Quick-Acting Cutter	E-2558	4-6⅝

RIDGE TOOL CO.

Tubing Cutters

Internal

- For trimming tubing below floor level for shower/floor drain installations, or above the ceiling for sprinkler head installations
- Each model features hardened steel rollers and cutter wheels

Item #	Model No.	Desc.	Std. Wheel	Capacity (in.)
RI33005	106	Internal Cutter	E-2558	2 - 3 Nominal ¼ - 2⅝ Depth
RI83295	109-P	Above W/ Wheel for Plastic	E-5299	2¼ - 4 O.D. ¼ - 2⅛ Depth

RIDGE TOOL CO.

Plastic Pipe Cutter

PCB-1375

- For PC-1375 Single Stroke Plastic Pipe and Tubing Cutter

Item #
RI25588

RIDGE TOOL CO.

Plastic Pipe Cutters

Scissor-Style

PC-1250

- X-CEL blade - Quick change, reversible blade provides two times blade life
- Spring loaded handles for faster positioning

Item #	Model No.	Desc.	Capacity (in.)
RI23488	PC-1250	Scissor-Style Plastic Pipe & Tubing Cutter	⅛-1⅝
RI26803	PCB-1250	PC-1250 Replacement Blade	-

RIDGE TOOL CO.

Pipe Cutter

For Plastic Pipes & Tubing

The New Model PC-1375 Single Stroke Plastic Pipe and Tubing Cutter uses a patent-pending X-CEL™ blade to ensure optimum mechanical advantage throughout the cut stroke. The X-CEL blade allows fast, single stroke cutting of PVC, CPVC, PEX, PE, PB and rubber hose up to 1.375" outside diameter. The PC-1375 is designed for the professional user and is constructed of heavy duty aluminum for increased durability.

- Patent pending, X-CEL blade for fast single stroke cutting. No Ratcheting or Twisting Required!
- Durable aluminum construction for heavy duty use.
- Extra large 1.375" O.D. capacity.
- Ergonomic grips on bottom handle are spaced at 1/2 " increments to act as a quick pipe measuring scale.
- Easy turn-thumb latch for reliable storage.
- Replaceable, hardened steel cutting blade.
- Spring-loaded handles provide instant adjustment to any pipe size.
- Burrless cutting operation provides a square cut.

Item #
RI23493

RIDGID

RIDGE TOOL CO.

Replacement Cutter Blade

RCB-2375

- For RC-2375 Ratchet Action Plastic Pipe & Tubing Cutter

Item #
RI30093

RIDGE TOOL CO.

Ratcheting Plastic Pipe & Tube Cutter

Large Diameter

RC-2375

The New Model RC-2375 Large Diameter Ratcheting Plastic Pipe and Tubing Cutter expands RIDGID®'s product offering for plastic pipe specific tools. The advanced blade design combined with the ratcheting mechanism, work together to reduce the amount of hand force needed to cut through hard plastic material.

A quick-change blade pin enables the user to change blades in a matter of seconds without tools, saving valuable time and increasing productivity. This pin also assures that there will be no lost clips or misplaced screws during a blade change.

With a 23/8" (63 mm) O.D. capacity, the RC-2375 easily cuts plastic pipe and tubing such as PVC and CPVC, as well as PEX, polyethylene, polybutylene and rubber hose.

- Durable aluminum construction for heavy duty use
- Ergonomic grips on bottom handle are spaced at 1/2" increments to act as a quick pipe measuring scale
- Easy turn-thumb latch for reliable storage
- X-CEL™ quick change blade
- Burrless cutting operation provides a square cut
- Capacity (O.D.): 1/2" – 2 3/8" (12 mm – 63 mm)
- Standard Pack: 6

Item #	Wt
RI30088	2

RIDGE TOOL CO.

Fitting Brushes

- Small internal brushes for refrigeration and air conditioning

Item #	Size (in.)
RI42250	½
RI42260	1
RI42265	1¼
RI42270	1½
RI42275	2
RI42280	2½

RIDGE TOOL CO.

Inner/Outer Reamer

- No. 127 Inner-outer reamer for quick, clean and easy I.D. reaming and O.D. beveling of 1/4" through 1-1/4" pipe
- Long-wearing alloy steel blades give fast, professional reaming on PVC, ABS, CPVC and other types of PB and PE plastics

Item #
RI34965

RIDGE TOOL CO.

Deburring Tool

Deburring tool for plastic pipe and tubing. Ideal for removing outside ridges and inside burrs on plastic pipe and tubing.

- Model No.: 72

Item #
RI35155

RIDGE TOOL CO.

Manual Ratchet Threaders

Exposed Ratchet Threader Sets

- All matched threader/sets include die heads, ratchet assembly, ratchet handle, and alloy dies
- Use Ridgid® thread cutting oil

Item #	Capacity (in.)	Model #
RI36355	⅜ - 1	00-R
RI36475	½ - 2	12-R

RIDGE TOOL CO.

Ratchet and Handle Only

For Manual Threader

- Replacement ratchet and handle accessory for the following manual pipe threaders
- Ratchet knob indicates forward and reverse; die heads snap in from both sides and lock in place

Item #	Fits
RI38540	00 - R
RI30118	12 - R

RIDGID

RIDGE TOOL CO.

Pipe Die Head Complete

Right Hand Threaders

Alloy - (NPT)

Listed below are complete die heads:

Item #	Desc.	Nom. Pipe Size (in.)
Model No. 00-R		
RI36875	Alloy RH	⅛ NPT
RI36880	Alloy RH	¼ NPT
RI36885	Alloy RH	⅜ NPT
RI36890	Alloy RH	½ NPT
RI36895	Alloy RH	[3/4] NPT
RI36900	Alloy RH	1 NPT
Model No. 12-R		
RI37375	Alloy RH	⅛ NPT
RI37380	Alloy RH	¼ NPT
RI37385	Alloy RH	⅜ NPT
RI37390	Alloy RH	½ NPT
RI37395	Alloy RH	¾ NPT
RI37400	Alloy RH	1 NPT
RI37405	Alloy RH	1¼ NPT
RI37410	Alloy RH	1½ NPT
RI37415	Alloy RH	2 NPT
RI37480	High-Speed RH	½ NPT
RI37485	High-Speed RH	¾ NPT
RI37490	High-Speed RH	1 NPT
RI37495	High-Speed RH	1¼ NPT
RI37500	High-Speed RH	1½ NPT
RI37505	High-Speed RH	2 NPT
RI37570	Alloy RH	½ NPSM
Model No. 00-RB		
RI37610	Alloy RH	¼ UNC - 20 TPI
RI37615	Alloy RH	5⁄16 UNC - 18 TPI
RI37620	Alloy RH	⅜ UNC - 16 TPI
RI37625	Alloy RH	7⁄16 UNC - 14 TPI
RI37630	Alloy RH	½ UNC - 13 TPI
RI37635	Alloy RH	9⁄16 UNC - 12 TPI
RI37640	Alloy RH	⅝ UNC - 11 TPI
RI37645	Alloy RH	¾ UNC - 10 TPI
RI37650	Alloy RH	⅞ UNC - 9 TPI
RI37655	Alloy RH	1 UNC - 8 TPI

RIDGE TOOL CO.

Receding Threader

High-Speed Dies

No. 65R-C

- Threads 1"–2" NPT pipe
- Jam-proof drive pawl
- Cam workholder sets instantly
- Right-hand only

Item #
RI36565

RIDGE TOOL CO.

Pipe Die Set

For 65R-C & 65R-TC Receding Threaders

NPT High Speed - Right Hand

- For 65R-C & 65R-TC Receding Threaders

Item #	Size (in.)
RI38100	1-2 - 11½ TPI

RIDGE TOOL CO.

Pipe Die Set

For 4PJ Geared Pipe Threaders

NPT High Speed Right Hand

- For 4PJ Geared Pipe Threaders

Item #	Size (in.)
RI38220	2½ - 8
RI38225	3 - 8
RI38235	4 - 8

RIDGE TOOL CO.

Geared Threaders

Nos. 141/161

- 141 threads 2-1/2", 3", 3-1/2", 4" pipe with one set of dies
- 161 threads 4", 4-1/2", 5", 6" pipe with one set of dies
- Jaw clutch prevents jamming
- Simple adjustment for tapered or straight threads
- Right-hand only

Item #	Desc.	Capacity Nominal Pipe Size (in.)
RI36620	NPT with 1 Set High-Speed Dies	2½ - 4
RI36630	NPT with 1 Set High-Speed Dies	4 - 6

RIDGID

RIDGE TOOL CO.

Pipe Die Set

For 141 Geared Pipe Threaders

NPT High Speed Right Hand

- For 141 Geared Pipe Threaders

Item #	Size (in.)
RI38120	2½ thru 4 - 8 TPI

RIDGE TOOL CO.

Dies For 161 Geared Pipe Threaders

Ridgid™

- For 161 Geared Pipe Threaders

Item #	Thrd.	Die Mat. or Type	Size - TPI (in.)
RI38155	NPT	High-Speed. For PVC RH	4 thru 6 - 8

RIDGE TOOL CO.

Thread Cutting Oil

- Cools threads and pipe during operation
- Speeds metal removal
- Improves thread quality
- Reduces threading torque
- Sulfur reacts with metal being threaded to from a tough chemical film between the die-cutting edge and threaded material; this reduces friction, galling and prevents fluid rupture by tool pressure
- Ridgid® thread cutting oils are free of chlorine and other halogens, PCBs and heavy metals; they are listed as non-carcinogenic
- Flip top included with every quart bottle

Item #	Size
Nu-Clear Plus	
RI70835	1 Gal.
RI41575	5 Gal.
Dark	
RI41590	1 Qt.
RI70830	1 Gal.
RI41600	5 Gal.
RI41610	55 Gal.
Extreme Performance	
RI74012	1 Qt.
RI74047	1 Gal.
RI76767	1 Gal.
RI22088	16 oz. Aerosol Can

RIDGE TOOL CO.

No. 418 Oiler

The new model 418 hand-held oiler is sturdier than ever before. The 418's pump assembly and heavy-duty reservoir are designed to increase productivity.

- 50% more oil per stroke than other hand-held oilers for longer die life
- Die cast, heavy-duty body with swivel nozzle with no exposed parts for longer life
- Includes 1 gallon thread cutting oil, reservoir with removable chip tray, and 54" hose

Item #
RI10883

RIDGE TOOL CO.

Power Drive

Model No. 600

- Capacity 1/8" - 1-1/4" pipe; designed for Ridgid 11R die heads
- Ideal for on-site applications such as gas line pipe installation
- Capacity: 1/8"-1-1/4" pipe
- Die Heads Included: 1/2, 3/4, 1, 1-1/4 (type 11R)

Item #
RI36912

RIDGE TOOL CO.

Power Drive For Pipe Threaders

Model 700

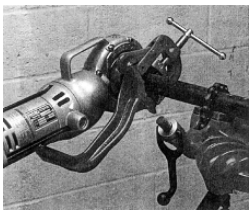
- Heavy-duty hand held power drive
- Capacity: 1/8"-2" pipe; designed for Ridgid® 12R die heads - Other Ridgid® die heads (OOR, OORB, 11R) using adapters, threading 2-1/2" through 6" with 141/161 geared threaders
- Rod Threading Cap.: 1/4"-1
- Max. Geared Threader Cap.: 6"

Item #
RI41935

RIDGE TOOL CO.

Support Arm

For Use With Power Drives



- Use the support arm to resist the torque developed when threading larger pipe

Item #	Model No.	Desc.
RI42600	770	Adapter for OO-R and OO-RB
RI42620	774	Square Drive Adapter - 15/16
RI42625	775	Support Arm For No. 700
RI42950	B-171-X	Metal Carrying Case

RIDGID

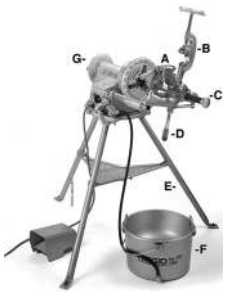
RIDGE TOOL CO.

Power Threading Components

Components Only

No. 300

Item #	Desc.	Location
RI42370	No. 360 Cutter	B
RI42365	No 341 Reamer	C
RI68815	No. 311 Carriage With Lever	D
RI42360	No 1206 Stand	E
RI41855	300 Power Drive Only	G



RIDGE TOOL CO.

Power Threading Unit

Power Drive Complete

No. 300

Standard Equipment:

- Model 300 Power Drive with foot switch
- No. 811A universal, quick-opening die head
- 1/2” - 3/4” universal alloy die set
- No. 360 Cutter: Capacity: 1/8” - 2” pipe, 1/4” - 7/8” rod with F-3 wheel, 5/16” - 1” with E-1032 cutter wheel
- No. 341 Reamer: Positive-locking, 5-flute cone, right-hand 1/8” - 2”; special E863 RH/LH combination reamer cone available
- No. 311 Carriage with lever
- No. 1206 Stand
- No. 1452 Clip-on tool tray
- No. 418 Oiler with 1 gallon of premium thread cutting oil
- No. 32 Transporter

Item #	Spindle Speed RPM	Pipe Threading Capacity (in.)
RI15682	38	⅛-2
RI15722	57	⅛-1¼

RIDGE TOOL CO.

Universal Stands

- Fits models 535 and 1822l power threaders

Item #	Stand Includes	Model No.
RI92462	Tray	150A
RI92467	Cabinet	200A

RIDGE TOOL CO.

Automatic Threading Machine

Machine Only

Model 535A

The model 535A maintains the ruggedness of the industry workhorse while adding features that make the threading operation more productive. A large chip tray and oil reservoir make the 535A ideal for longer uninterrupted threading. The 535A is designed around maximum uptime with the upgrades that matter most to the pipe working professional.

- Automatic chuck
- 3-speed (16/46/58 RPM) transmission
- Large 1.75 gallon oil reservoir
- High clearance carriage
- Can be used with geared threader Model 141
- Uses Model 816/817 semi-automatic, Model 815A self opening or Model 811A quick-opening die heads
- Pipe Capacity: 1/8" - 2", 2-1/2" - 4" with 141 geared threader
- Bolt Capacity: 5/16"-2”

Item #
RI91142

RIDGE TOOL CO.

Die Head Only

Universal Quick - Opening

No. 811A

- Thread direction: RH
- Oil Thru Head: Yes
- Pipe Capacity: 1/8”-2”
- Bolt Capacity: 1/4”-2”
- Quick-Opening - Manually flip throwout lever to retract dies when thread length is cut

Item #	Desc.
RI97065	811A Universal Die Head Only

RIDGE TOOL CO.

Die Head Only

Self-Opening

No. 815A

- Self-opening die head
- Trigger foot automatically retracts dies when thread length is cut
- Cutting oil through the head
- Pipe capacity: 1/8” to 2”
- Bolt capacity: 1/4” to 2”

Item #
RI97075

RIDGID

RIDGE TOOL CO.

Die Head Only

Universal Quick-Set

- Semi-automatic dieheads retract automatically on hitting handle
- Right-hand thread direction
- Furnishes cutting oil through the head

Item #	Model No.	Pipe Cap. (in.)
RI84532	816	⅛-¾
RI84537	817	1-2

RIDGE TOOL CO.

Threading Machine

Machine Only
Model No. 535

Features:

- Automatic through die head oiling
- Speed chuck with rocker-action jaws centers and grips workpiece instantly
- Can be used with geared threaders
- Self priming oil pump
- 5-flute cone, RH, 1/8”-2” reamers

Capacity:

- Pipe - 1/8”-2”
- 2-1/2”-4”, 4”-6” with 141 and 161 geared threaders
- Bolt - 1/4”-2”

Standard Equipment: Model 535 threading machine with foot switch, 1-No. 811-A universal quick opening die head, 1-No. 341 reamer, 1-No. 820 cutter, 1 set 1/2”-3/4” universal alloy dies, 1 set 1”-2” universal alloy dies, 1 gallon Nu-Clear oil, 4 hex wrenches, 1 spare E-1032 cutter wheel, 1 tube lubricating grease

Item #
RI96497

RIDGE TOOL CO.

Power Threading Machine Accessories

Machine Stand Adapter Bracket
Model 535

Item #	Desc.
RI58007	Machine stand adaptor bracket for 535's built before 1996.*

NO IMAGE AVAILABLE

RIDGE TOOL CO.

Threading Machines

Oil-Less
Model 1210

- Pipe: 1/2" - 1" (12-25mm)

The Ridgid® model 1210 oil-less threading machine offers an unbeatable combination of portability and clean operation in a rugged package designed for job-site threading. With the model 1210, you can thread virtually anywhere: in basements, on rooftops, even in finished rooms! Thread where you install and save time and effort.

- Self-contained with all the tools needed to cut, ream and thread
- Cutter: Model 354
- Reamer: Model 334

Item #	Desc.	Model No.
RI67872	½ in. - 1 in. NPT, 115V, 25 - 60 Hz	1210

RIDGE TOOL CO.

Threading Machine

1/2” to 1-1/2” NPT
Model No. 1215

- Through die head oiling

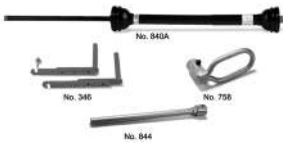
Standard Equipment:

- 1 - No. 811A Quick Opening Die Head
- 1 - Set 1/2”-3/4” Universal alloy NPT dies
- 1 - Set 1” - 1-1/2” Universal alloy NPT dies
- 1 - No. 344 five fluted reamer 1/4” - 1-1/2”
- 1 - No. 732 Cutter with cutter wheel
- 1 - Gallon Nu-Clear oil

Item #
RI61142

RIDGE TOOL CO.

Geared Threader Accessories



No. 840A universal drive shaft:

- A telescoping (41" to 50") drive shaft for operation of nos. 141 and 161 geared threaders with threading machines

Geared threader operation:

- The nos. 141 and 161 geared threaders, in conjunction with these accessories, allow power drives and threading machines to thread up to 4" and 6" pipe

Item #	Desc.
RI61122	Universal Drive Shaft

RIDGID

RIDGE TOOL CO.

Power Threading Unit

With Folding Wheel Stand

No. 300 Compact Kit

Model 300 compact threading machine capacity:

- Pipe: 1/8”-2”
- Bolt: 1/4”-2”
- Lightweight, portable design; fast transport and set-up
- Self-contained oil system
- Hammer-type chuck with replaceable, rocker-action jaw inserts

Standard Equipment:

- Model 300 compact threading machine
- 1-No. 811A quick-opening die head
- 1-No. 344 reamer
- 1-No. 360 cutter with E-1032 cutter wheel
- 1 Set 1/2”-3/4” alloy universal dies
- Set 1”-2” alloy universal dies
- 1 gallon Nu-Clear threading cutting oil
- Includes Model 250 folding wheel stand

Item #
RI67182

RIDGE TOOL CO.

Power Threading Unit

1/2 - 4" NPT, 120V 60Hz

Model 1224

The 1224 threads a wide range of pipe including black, galvanized and plastic coated pipe, together with stainless steel, IMC and heavy-wall conduit, as well as rod up to 30 Rockwell C.

Capacity:

- Pipe: 1/4”-4”; 4”-6” with 161 geared threader; Bolt: 1/4”-2”

Features:

- Threads 1/4”-2” pipe and 2-1/2”; 1/4” - 2” universal die head; 2-1/2” - 4” receding die heads allows cutting of tapered or straight NPT/NPSM; constant and proper lubrication of dies and workpiece with through-head oiling

Technical specifications:

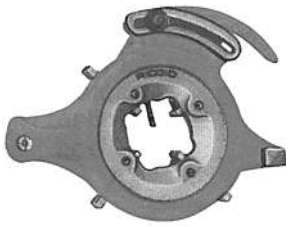
- 1 No. 714 (914) 2-1/2” - 4” receding self-opening die head
- 1 No. 711 (911) 1/4” - 2” universal self-opening die head
- 1 set 1/2” - 3/4” universal alloy dies
- 1 set 1” - 2” universal alloy dies
- 1 set 2-1/2” - 4” 1224 high speed dies
- 1 gallon Nu-Clear oil
- 3 hex keys; 1 spare F-229 cutter wheel
- 1-3/4” combination wrench
- 1 tool box
- 1 No. 744 reamer
- 1 No. 764 cutter

Item #
RI26092

RIDGE TOOL CO.

Die Heads

For Model No. 1224



Note: Die heads do not include dies. All die heads are through-head oiling.

Item #	Model No.	Desc.	Capacity (in.)
RI26132	711	Universal Self-Opening R.H., NPT	¼ - 2
RI26152	714	Receding Self-Opening R.H., NPT	2½ - 4

RIDGE TOOL CO.

Pipe Die Set

For Model 1224 Threader

NPT High Speed

- For Model 1224 Threader

Item #	Desc.	Capacity (in.)
RI26192	1224 H.S. Dies NPT	2½- 4
RI33057	1224 H.S. Dies NPT for Stainless Steel	2½- 4

RIDGE TOOL CO.

Pipe Die Set

National Pipe Taper

- Listed below are pipe dies for use in Universal Die Heads
- Use With 504A, 711, 713, 811A, 815A, 816, 817 and 842

Item #	Nominal Pipe Size-Threads per Inch (in.)
Alloy RH	
RI47740	¼-⅜-18
RI47745	½-¾-14
RI47750	1-2-11½
High Speed RH	
RI47755	⅛-27
RI47760	¼-⅜-18
RI47765	½-¾ -14
RI47770	1-2-11½
H. S. For Stainless Steel RH	
RI47780	¼-⅜-18
RI47785	½-¾ -14
RI47790	1-2-11½

RIDGID

RIDGE TOOL CO.

Bolt Dies

- Bolt dies for universal die heads (nos. 504A, 711, 811A, 815A, 816, 817 and 911 die heads)
- (UNC) RH high-speed

Item #	Rod Size- TPI (in.)
RI48225	⅜ - 16
RI48235	½ - 13
RI48245	⅝ - 11
RI48250	¾ - 10
RI48255	⅞ - 9
RI48260	1 - 8
RI48270	1¼ - 7

RIDGE TOOL CO.

Nipple Chuck Kits

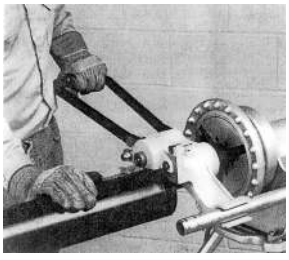
- Holds short or close nipples for threading
- Holds studs for threading
- For use with 300 power drive, 300 compact, 535 and 1822 (with adapter kit) and 1224 threading machines
- Standard nipple chuck includes insert and 5 adapters: 1/2", 3/4", 1", 1-1/4" and 1-1/2" (nipple chuck body serves as 2" adapter)

Item #	Model No.	Desc.
RI51005	819	NPT Nipple Chuck ½ in. - 2 in.

RIDGE TOOL CO.

Power Driver Roll Groover

Model No. 916



- Ridgid Model 916 Roll Groover is the most durable and mechanically efficient lightweight portable unit available
- Cam-type feed actuation-only minimum effort required by operator
- Capacity:
- 1-1/4”-6” Sch. 10 steel
- 1-1/4”-3” Sch. 40 steel

Standard Equipment:

- One (1) 1-1/4” - 6” Roll groove set for steel

Item #	Desc.
RI45007	Roll Groover for 300 Power Drive

RIDGE TOOL CO.

Grooving Die Set

NO IMAGE AVAILABLE

To cut groove pipe for mechanical type couplings, consult chart for sizes and die head information

- Pipe Size: 1” - 2”
- Used in Die Head: Universal

Item #
RI50985

RIDGE TOOL CO.

Combo Roll Groover

Model No. 975

The new, Model 975 Combo Roll Groover is two tools in one! Like other Ridgid® groovers, the 975 mounts on the Ridgid® 300 Power Drive for machine grooving jobs, but it is also designed to manually groove in-place pipe.

- Pipe Capacity:1-1/4" – 6" Schedule 10 and Schedule 40 Steel, Aluminum, and PVC Pipe; 1-1/4" – 6" Schedule 10, 11/4" – 2" Schedule 40 Stainless Steel Pipe, 1-1/2" – 4" Schedule 80 PVC Pipe; With Roll Change 2" – 8" Copper Tube (Type K, L, M, and DWV)

Item #
RI25638

RIDGE TOOL CO.

Hydraulic Roll Groover

Model No. 918

The Ridgid model 918 hydraulic roll groover features a powerful 15 ton hydraulic ram in a compact, easy to transport unit. With one man set-up and operation, the 918 is the ideal groover for job-site requirements. The 918 adapts quickly to Ridgid 300 power drive, 535, 1822, or 1224 threading machines. The 918 is capable of grooving up to 12" schedule 10 and 8" schedule 40 standard wall pipes. Roll set changeout is accomplished in seconds.

Specifications:

- Capacity: 1" - 12" schedule 10 steel
- 1"-8" schedule 40 steel
- 2"-6" cooper (types K, L, M, DWV)
- 2-1/2" - 6" schedule 80 PVC

Standard equipment:

- One (1) 2" - 6" schedule 10/40 roll set
- One (1) 8" - 12" schedule 10(8" schedule 40) roll set

Item #	Desc.
RI48297	918 Roll Groover W/300 Power Drive Mount Kit

RIDGE TOOL CO.

Roll Grooving Machines

Model No. 918-I

The Ridgid® model 918-I is capable of grooving 1" to 8" schedule 40 and 1" to 12" schedule 10 pipe faster than any roll grooving machine in its class.

Specifications:

- 2"-6" copper (types K, L, M, DMV)
- 2-1/2" - 6" schedule 80 PVC

Standard equipment:

- One (1) 2" - 6" schedule 10/40 roll set
- One (1) 8" - 12" schedule 10 (8" schedule 40) roll set
- One (1) tools for roll set changeout
- One (1) carry case for roll sets
- One (1) heavy-duty wheel stand with tray
- One (1) foot switch
- One (1) 1" - 12" stabilizer for grooving nipples

Item #	Desc.
RI64977	Roll Grooving Machine Complete, 115V

RIDGE TOOL CO.

Power Hole Cutting Tool

1/4" to 3"

Model HC-300

The Ridgid® Model HC-300 hole cutting tool is designed to cut holes up to 3" diameter into steel pipe.

- High speed; with a powerful 1.2 hp, 11 amp- motor, the Model HC-300 delivers 360 rpm to quickly bore holes while optimizing hole saw life
- Specifications: 1/16" - 1/2" chuck size; 1-1/2" - 8" pipe range

Item #
RI76777

RIDGE TOOL CO.

4-3/4" Hole Cutting Tool

Model HC-450

The Ridgid® Model HC450 is engineered for continuous 1/4" to 4-3/4" hole cutting in and up to 8" diameter steel unpressurized pipe.

- 13 amp 1.2 HP worm-gear driven motor delivers unmatched hole cutting power for schedule 10, 40 and 80 pipe
- Quickly mounts onto 1-1/4" to 8" diameter pipe
- Only 11-1/2" high for low clearance jobs
- Chuck accommodates 1/8" to 5/8" arbors"

Item #	Chuck Size (in.)	Hole Cutting Capacity: (in.)
RI57592	5/8	up to 4-3/4

RIDGE TOOL CO.

Combination Bench & Pipe Vise

Forged Steel

F-Series

- The F-Series vises are constructed of 75,000 PSI tensile strength forged steel
- All steel, drop forged construction
- Steel handle with rubber anti-pinch rings
- Standard fixed pipe jaws
- Large, hardened anvil
- Forged steel swivel base with dual draw down bolts

Item #	Size Pipe
RI66987	4½
RI66992	5
RI66997	6

RIDGE TOOL CO.

Fiberglass Folding Rules

- Precision made of flexible heavy-duty fiberglass with embedded, easy-to-read boldface figures and graduations with red 16" stud marks and positive locking joints
- 6 ft. inside flat reading
- Width: 5/8 in.
- Length: 6 ft.

Item #
RI73370

RIDGE TOOL CO.

Pliers

Water Pump

- Professional quality tools, precision crafted for ultimate balance, high strength and exacting performance
- Forged and heat-treated for extended life and durability

Item #	Desc.	Length (in.)
RI80475	Water Pump Pliers (2 in. Capacity)	10

RIDGE TOOL CO.

Screw Extractor Set

Model 10

No. 10 set contains 20 precision tools – one each of Extractor Nos. 1 to 5 inclusive with turnuts, drill Nos. 1 to 5 inclusive, and drill guides Nos. 921 to 1821 inclusive. Pre-formed plastic box provides convenient storage.

- Capacity: 1/4" to 1/2"

Item #
RI35585

RIDGID

RIDGE TOOL CO.

Plumbing Bender

300 Series

- Designed to bend copper tubing to a maximum of 180°
- Offset cushion grip handles and a 90° start angle, together with a specially engineered plastic shoe, combine to ease bending effort
- 300 series lever benders form smooth bends in types K & L soft (annealed) copper tubing
- Tube Size 5/8”
- Bend Radius: 2-1/4”

Item #
RI36962

RIDGE TOOL CO.

Instrument Bender

400 Series

- 400 series instrument benders combine accuracy with easy operation
- Offset cushion grip handles eliminate knuckle cracking when forming 180° bends
- A 90° start angle and unique oil-absorbing shoe minimize bending effort while forming accurate bends in copper, steel and stainless steel tubing

Item #	Model No.	Capacity Tube Size (Actual O.D.) (in.)	Capacity Bend Radius (in.)
RI36122	404	¼	⅝
RI36097	406	⅜	15⁄16
RI36132	408	½	1½

RIDGE TOOL CO.

Tri-Bender

Model No. 456

The 456 Tri-Bender is designed to easily bend three different sizes of soft tubing: 1/4", 5/16" and 3/8" with the same tool. Ideal for plumbing and HVAC applications. A 90° start angle minimizes effort required to form a bend. Handy reference marks indicate the angle for quick bends through 90°.

- Capacity (in.): 1/4, 5/16, 3/8

Item #
RI44852

RIDGE TOOL CO.

Tube Bender

Spring Type

- Fast, free-form bending of soft copper and aluminum tube

Item #	Model #	Length (in.)	Tube O.D. (in.)
RI35245	D-1375	10	¼
RI35255	D-1377	10	⅜
RI35265	D-1379	12	½
RI35275	D-1381	12	¾
RI35280	D-1382	12	⅞

RIDGE TOOL CO.

Ratchet Flaring Tool

Model No. 458R

- Flaring tool is recommended for soft material such as aluminum and soft copper, flare steel, stainless steel, hard copper and brass thru wall thickness of .035 inches
- 45 deg. SAE flares, Sizes: 1/8, 3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4 in.

Item #
RI83037

RIDGE TOOL CO.

Hammer-Type Flaring Tools

- Made of high-grade hardened steel, these tools have a long nose guide that centers tools for smooth, 45° uniform flares

Item #	Model No.	Water Tube Size (in.)
RI41315	E-37	⅜
RI41320	E-45	½
RI41330	E-47	¾
RI41335	E-52	1

RIDGE TOOL CO.

115V Electric Solder Gun

Model RT-175 Professional

- For 1/4” to 3” tube (soft soldering)
- Flameless soldering - safe, easy-to-use
- Twelve feet of cable
- Fully contained in metal carrying case

Item #
RI62862

RIDGID

RIDGE TOOL CO.

Pipe Freeze Tool Kit

Model SF-2500 - SuperFreeze™

- SuperFreeze® Pipe Freezing Tool Avoids the Cost and Inconvenience of a System Shutdown and Purge.
- The SuperFreeze Pipe Freezer is an easy-to-use pipe freezing unit that allows the contractor to keep water systems operating while making repairs. The Ridgid SF-2500 is a mini-refrigeration unit that circulates self-contained refrigerant to its aluminum freeze heads. This forms an ice plug in as little as 6 minutes in 1/2" copper tube and can be used with up to 2-1/2" tube or 2" pipe. Once the pipe is plugged, repairs can be made while the ice plug is maintained by the unit. Now includes a bottle of specially formulated freeze gel to speed freezing. Apply the gel to freeze heads before placing on pipe.
- Approved by UL to CSA and UL standards
- Capacity: Copper Tube: 1/2" - 21/2"; Steel Pipe: 1/2" - 2"
- Compressor: 115V, 60 Hz, 4.3A
- Refrigerant: R-507 (14.2 oz. charge)
- Hose Length: 8.5 ft. (17 ft. span)
- Dimensions: L = 21" W = 10.5" H = 13"

Item #
RI68967

RIDGE TOOL CO.

Press Tool

Model RP 210-B

The Model RP 210-B is a fast and reliable way to join copper, stainless steel and PEX fittings. It is 2 inches shorter and 25% lighter than our previous compact tool for more pressing with less fatigue. It's 270° rotating swivel jaw helps users get into tight places. With a 5,400 pounds hydraulic ram output, the Model 210-B has more capacity than any compact press tool available. As part of this new design, the Model 210-B service interval has been extended to 32,000 cycles.

Specifications:

- Capacity: 1/2" to 1-1/4" for copper and stainless, 3/8" to 1-1/2" for PEX
- Compatible with all Ridgid® compact series pressing attachments
- 270° barrel/jaw swivel
- Battery: 18V Li-Ion, 1.1 Ah
- Hydraulic Ram Output: 5,400 lbs.
- Weight: 6.4 lbs. with battery
- Operating Temperature Range: 15°F - 122°F
- Approximate Cycle Time: 5 seconds
- Standard Kit Includes: RP 210-B Press Tool, 2 Batteries, Battery Charger and Carrying Case

Item #	Desc.
RI31028	RP 210-B Battery Press Tool Kit w/ProPress Jaws (½" - 1¼")

RIDGE TOOL CO.

Pipe Thawers

For fast thawing of frozen metal pipes 1/2" through 1-1/2" (12-36 mm).

KT-200 pipe thawing unit provides continuous heating to quickly thaw 1/2" to 1-1/2" frozen metal pipes. Simply attach the clamps to the metal pipe on each side of the frozen section and the pipe is thawed within minutes.

- KT-200 can be used on 4' to 150' lengths of pipe; the KT-200'S amp meter allows the user to select the proper output level for maximum current draw and minimum thawing time
- Powerful: Units operate on a standard 115V, 15 amp outlet; the KT-200 produces 250-400 amps of thawing power

Item #	Model No.	Desc.
RI62747	KT-200	Pipe Thawer W/2-25 (ft.) 1/10 Cables

RIDGE TOOL CO.

Corded Press Tool

Model RP 330-C

With all the same features, functionality and durability of the battery-powered version, the RP 330-C press tool is the workhorse of the job site. At nearly one-half the weight of the previous CT400 unit, this is our lightest corded press tool.

Specifications:

- 270° Barrel/Jaw Swivel
- Hydraulic Ram Output: 7,200 lbs.
- Operating Temperature Range: 15°F to 122°F
- Approximate Cycle Time: 5 Seconds
- Standard Kit Includes: RP 330-C Press Tool and Carrying Case
- Compatible with all Ridgid Standard Series Pressing Attachments
- For use with Copper, Stainless Steel and PEX Tubing
- Approved by UL to UL and CSA Standards

Item #	Desc.	Capacity (in.)	Weight (lbs.)
RI27938	Kit without Jaw Sets	½ - 4	9

RIDGE TOOL CO.

ProPress Tool

Cordless

Model 100-B

- It's Fast! Tool completes connection in seconds, cutting total installation time in half versus soldering
- Reliable, watertight connections every time
- Innovative, Compact Tool and Jaw Design fits into tight spots
- New Compact Series Jaws are 40% lighter and 33% smaller than traditional Standard Series Jaws
- 90° Swivel Barrel allows you to work around obstructions
- Capacity to handle up to 1" copper and 1-1/2" PEX tubing
- 14.4V (2.6Ah) Ni-MH Battery allows 30% more work per charge versus NiCad
- Ram Force: 5,400 lbs. (24kN)
- Includes: Pressing tool, 2 batteries, battery charger and carrying case

Item #	Desc.
RI16953	½" to 1" Jaw Sets for ProPress (copper)

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

RIDGID

RIDGE TOOL CO.

ProPress Tool

Cordless

RP 330-B

For convenience and portability, the RP 330-B is the logical choice. Featuring a barrel that rotates 270 degrees and a longer service interval, the RP 330-B is designed to handle your toughest construction projects. Powered by a 18V Lithium-Ion Battery, the RP 330-B offers more presses per battery charge than ever before.

- Capacity: 1/2" – 4"
- 270° Barrel/Jaw Swivel
- Battery: 18V Li-Ion
- Hydraulic Ram Output: 7,200 lbs. (32kN)

Item #	Desc.
RI27913	Battery Pressing Tool w/Batteries and Case (No Jaws)
RI27923	Battery Pressing Tool w/ProPress 1/2" – 2" Jaws

RIDGE TOOL CO.

Standard Series Rings

ProPress® XL-C™

- Patented Ring Design to make pressed connections for 2-1/2" - 4" copper tube
- New XL-C Rings and V2 Actuator Jaw include patented swiveling feature that allows the tool to connect to the ring at any angle relative to the tubing, allowing greater access in tight spaces
- Designed in conjunction with the ProPress XL-C fittings, ensuring total system compatibility
- Compatible Only with Ridgid® Standard Series pressing tools
- V2 Actuator Jaw features new jaw identification clips, for fast, easy identification of the appropriate pressing jaw
- Includes: Standard Series XL-C Ring Kit Includes: One V2 Actuator, 2-1/2" Ring, 3" Ring, 4" Ring, Tube Insertion Depth Marking Gauge, Carrying Case, and Operator's Manual

Item #
RI20483

RIDGE TOOL CO.

Press Rings

C1 Kit

Rings for ProPress® permit access in tighter spaces and serve as an excellent complement to your Ridgid® jaw sets. The swivel actuator allows a press tool to be placed +/-90 degrees to the tube being pressed!

- Designed in conjunction with the ProPress® System Fittings, ensuring total system compatibility
- C1 Compact Kits are designed for Ridgid® Compact Press Tools
- Standard Kit includes: Press Rings, Actuator and Carrying Case
- Capacity: 1/2" to 1-1/4" Ring

Item #
RI28043

RIDGE TOOL CO.

Inspection Camera

Seesnake® Micro™

Specifications:

- Display: 2.4" Color LCD (160 x 234 resolution)
- Camera Diameter: 0.37" or 0.7" aluminum
- Lighting: 1 or 2 Adjustable LEDs
- Cable Reach: 3' (expandable to 30' w/optional extensions)
- Waterproof: Camera & Cable to 10' (when properly assembled)
- Power Source: 4 AA Batteries (6 hrs. of continuous run-time)
- Attachments: Mirror, Hook & Magnet

Item #	Desc.
RI31118	SeeSnake micro Inspection Camera 17 mm
RI26663	Imager Head & Cable 17 mm
RI26668	Accessory Pack (Mirror, Hook, Magnet) 17 mm
RI30068	Imager Head and Cable 9.5 mm

RIDGE TOOL CO.

Digital Inspection Camera

MicroExplorer™

- Display: 3.5" Color LCD (320 x 240 resolution)
- Image Capture: JPG Images (1280 x 1024); AVI Video (320 x 240)
- Recording Medium: Internal Memory or SD Card
- Additional Ports: USB and SD card
- Image Controls: Pan, Zoom, Self Leveling, Low Light Vision
- Lighting: 4 Fully Adjustable LEDs
- Camera Diameter: 0.7" (17 mm)
- Cable Reach: 3' (expandable to 30' w/optional extensions)
- Waterproof: Camera & Cable to 10' (when properly assembled)

Item #
RI30063

RIDGE TOOL CO.

Camera Cable Extension Accessories

3' or 6'

- Combine to see objects up to 30' away
- Compatible with SeeSnake micro or microEXPLORER

Item #	Desc.
RI31128	Universal 3' Cable Extension
RI31133	Universal 6' Cable Extension

RIDGID

RIDGE TOOL CO.

Compact Video Inspection System

Seesnake®

The SeeSnake Compact System offers fast setup for quick inspections. Its ultra portability makes this system an excellent complement to your SeeSnake Plus.

Standard Equipment:

Power Source:

- Battery port for use with optional 18V battery
- AC/DC operation

MINIPak Monitor System:

- High-resolution monitor
- Push button controls for sonde, power, lights, flipscreen and zeroing the counter
- Splash-resistant case with built in sunshade
- Video In/Out jack

Camera System:

- Scratch-resistant, debris-shedding, flush-mounted sapphire lens
- Integrated transmitter
- Durable stainless steel camera head assembly and tapered spring assembly

Reel:

- 100’ of push cable
- Debris-capturing, rotating drum with mercury-free slip ring
- Counter to display distance on monitor in feet and inches

Item #	Desc.
RI32903	Color Compact System w/Battery & Charger, 115V

RIDGE TOOL CO.

Utility Line Locator

SeekTech SR-20

- Proximity Signal Minimizes depth over target and maximizes relative signal strength to guide you closer to the target independent of the current flow
- Mapping Display Virtually maps the utility to help guide you down the line. Shows signal distortion and line turns in real time
- Continual Depth Increase productivity by showing depth changes in real time
- Guidance Arrows Guides the operator to target line by minimizing signal gradient
- Active Line Trace Frequencies: 128Hz, 1kHz, 8kHz, 33kHz
- Sound Frequencies: 16Hz, 512Hz, 33kHz
- Passive Power Trace: 50Hz, 60Hz
- Passive Radio Trace: <4kHz, 4kHz-15kHz, 15kHz-38kHz

Item #
RI21893

RIDGE TOOL CO.

Toilet Auger

No. K-3

High-quality tool in 3’ length provides fast and safe clearing of closet obstructions.

Features Include:

- Negotiate water-conserving closets
- New, durable, kink-resistant, 1/2” compression-wrapped Inner Core cable

Item #	Model No.	Desc.
RI59787	K-3	3’ Toilet Auger w/Bulb Head

RIDGE TOOL CO.

Drain Cleaner

Sink Machine

Model K-39 - 3/4” to 2-1/2” Capacity

- Excellent for small line cleaning; opens clogged lavatory, sink lines, urinals, and tub/shower drains - 5/16” cables best for 3/4” to 1-1/2” lines
- Power unit rotates cable 0-500 RPM’s
- Two piece twist lock canister with interchangeable inner drum
- New inner drum prevents water leaks and greatly reduces cable flip over
- Drum capacity: 50’ of 5/16” or 35’ of 3/8”
- K-39 (68057) - Includes: C-11C, 5/16” inner core cable w/inner drum

Item #
RI68057

RIDGE TOOL CO.

Drain Cleaner

Sink Machine

K-40AF

The K-40 Dual Feed Sink Machine provides the professional with a powerful yet compact machine for cleaning small secondary drain lines from 3/4" to 2-1/2" (19 mm - 64 mm). When used with the dual feed your hands literally never need to touch the cable, and there is no mess.

- Dual Feed – Advanced two way feed keeps hands off cable, advances and retrieves with push of a lever.
- Dual Position – The K-40 sits flat on the floor, countertop, or tips onto its back for easy access to elevated drains.
- Two-piece “twist lock” drum housing allows easy access to the inner drum and cable and will not dent or corrode.
- Includes: Autofeed, Guide Hose, Mounting Bracket, C-13IC SB, 5/16" x 35' (10.7m) Speed Bump Cable w/Inner Drum

Item #
RI71722

RIDGID

RIDGE TOOL CO.

Drain Cleaner Accessories

Cables & Gloves

Listed below are replacement cables and gloves for Ridgid drain cleaners:

- 62225- 5/16" x 25' cable with bulb auger fits K50
- 62235- 25' with drop head auger fits K50
- 62260 - 35' with male coupling fits K50
- 62270 - 7-1/2' all purpose wind fits K50, K 75, K60SP
- 62280 - 15' standard all purpose wind 3/8" pitch, good for 4" traps, 3 to 8" lines fits K1500
- 59295 right-hand mitt
- 59205 left-hand mitt

Item #	Fits	Desc.
RI62225		
Cable		
Glove		
RI62235		
RI62245	C-4	25' with Male Coupling
RI62250	C-5	35' with Bulb Auger
RI62260		
RI62270		
RI59295		
RI59205		

RIDGE TOOL CO.

Drain Cleaner Cable

Fits K-380 Machines

- Cable size: 3/8" x75'
- Fits K-380, K-400 & K-3800 Machines

Item #
RI87582

RIDGE TOOL CO.

Drain Cleaner Cable

Fits K-3800 Drain Cleaner

3/8" I.C. Cable for Standard Drum

Item #	Length (ft.)
RI37842	50
RI37847	75

RIDGE TOOL CO.

Drain Cleaner

For 3/4" to 3" Drain Lines

Model K-3800 Machine Kit

A powerful, easy to transport, versatile machine for cleaning indoor drains. Requires minimal set-up to clean sink lines, floor drains, roof vents.

- Rugged, corrosion-resistant molded cable drum won't dent or rust' the drum tilt-adjusts for proper cable feed angle, inner-drum guards against cable flip-over
- K-3800 Description: C-32, 3/8" x 75' Cable, T-202 Bulb auger, T-205 "C" Cutter, T-211 Spade cutter, A-13 Pin key, pair of gloves

Item #
RI53117

RIDGE TOOL CO.

Drain Cleaner Accessories

Listed below are accessories for Ridgid drain cleaners:

- 59225 - Pin key for 1/2 inch cable fits K375, K3800, K605SP, K75, K1500
- 59230 - Pin key for 3/8 inch cable fits K375, K3800, K60SP, K75
- 62850 - Straight auger fits K375, K3800
- 62855 - Funnel auger fits K375, K3800
- 62990- 5" long straight auger fits K375, K50, K38, K3800
- 62995 - 1-1/8" O.D. bulb auger fits K375, K50, K38, K3800
- 63000 - 7/8" O.D. bulb auger fits K50
- 63005- 1-3/8" C-Cutter fits K50, K38, K3800
- 63010 - 3" long funnel auger fits K50, K38, K3800
- 63065 - 4" drop head fits K50, K3800, K38

Item #
RI62990
Fits C-44 and C-45
Fits C-31, C-32 and C-33
RI63065
RI63005
RI59225
RI59470

RIDGE TOOL CO.

Inner Core Cables

Model C-24

Inner Core (IC) cables provide good flexibility and more cleaning power to the cable end.

- Length: 100'

Item #
EC43647

RIDGID

RIDGE TOOL CO.

Drain Cleaner

For 4” to 10” Drain/Sewer Lines

Model K-750 Power Feed Kit

- Powerful, self-contained machine ideal for lateral lines. Easy-to-transport, minimal set-up - attach a tool and go
- Powerfeed advances, retrieves cable automatically, up to 20’ per minute
- Versatile powerfeed adjusts for either 5/8” or 3/4” cable with a twist of a screwdriver

-Recommend 5/8” cable for 3” to 6” drain lines up to 200’

-Recommend 3/4” cable for 4” to 10” drain lines up to 200’

- Drum holds 100’ of 3/4” or 125’ of 5/8” cable and is designed for quick, easy removal
- Kit includes: Machine with one pair of gloves, powerfeed, standard 3/4” tool set, and C-75, 75’x3/4” cable
- Tool set includes: T-406 spear blade cutter, T-407 retrieving auger, T-411 2” cutter, T-413 3” cutter, T-414 4” cutter

Item #

RI42002

RIDGE TOOL CO.

Drain Cleaner Cable

3/4” x 100’ I.C. Cable

Fits K-750 & K-7500 Machines

- Length: 100’
- Size/type: 3/4" (20 mm) w/hollow core
- Typical applications: drain Lines 4" to 6" -main lines including laterals
- Hollow core cable is lighter in weight and more flexible; helps operator negotiate difficult traps and bends in large lnes

Item #

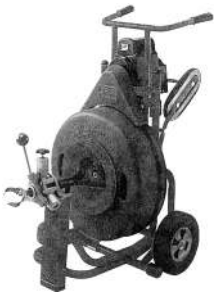
RI41697

RIDGE TOOL CO.

Drain Cleaner

For 3” to 10” Drain Lines

Model K-7500 Power Feed Kit



The performance, cable control, durability and maneuverability demanded by professional users. Ideal for any tough job, such as roots - up to 250’

- Recommend 5/8” cable for 3” to 6” drain lines up to 250’
- Recommend 3/4” cable for 4” to 10” drain lines up to 250’
- Description: Standard accessories and 3/4” x 100’ inner core cable

Item #

RI60052

RIDGE TOOL CO.

Drum Machine

Model K-375R

- The K-375R makes quick work for cleaning drains from 2" to 4"; a variety of cutting tools with quick connect couplers make it easy to match the right tool for the right job
- Ideal for clearing non-root blockages in floor and gutter drains, interior laterals and vent pipes; removes grease, debris, and lint

Features:

- Clear access to drum allows immediate view of cable for inspection plus easier and faster cleaning of drum and cable
- Patented Cable Control System slows the drum, should cable or blade become completely lodged in blockage
- New integral-wound, solid core cable is tough and kink resistant. (1/2" x 50')

Typical Applications:

- Floor Drains, Vent Pipes, Stack Lines, Gutter Drains

Specifications:

- Motor: 1/3 HP, 115V, 60Hz Reversible Induction Motor
- 190 RPM
- Air Activated Foot Switch
- Quick Disconnect Drum
- Weight: 73 lbs.
- New Torque Limiter Feature
- NOTE! Should Not Be Used to Cut Roots.
- 1/2" Open Cage Drum Machine w/1/2" x 50' IW Solid Core Cable; T-260 Tool Set includes: T-202 11/8" Bulb Auger, T-205 “C” Cutter, T-211 Spade Cutter and Pin Key; Gloves

Item #

RI83292

RIDGE TOOL CO.

Drain Cleaner

Water Jetter

Model KJ-1350-C

These jetters propel a highly flexible hose through 1 1/4” to 4” lines - blasting through sludge, soap, and grease blockages. As you pull the hose back, it power scrubs the line, flushing debris away and restoring drain lines to their free flowing capacity.

- Easy to use: Thrust propels the hose down the line. You simply guide the hose into the drain
- KJ-1350-C contains: Standard Jetter with Pulse, H-21, H-22 and H-24 1/8” NPT Nozzles, 100’x 1/4” Sink Trap Hose, Nylon Storage Bag, Nozzle Cleaning Tool and an H-10 Cart

Item #

RI62597

RIDGID

RIDGE TOOL CO.

Drain Line Cleaners

Model No. K-50-4

Model K-50 - For 3/4" to 4" (19-100 mm) Drain Lines.

- Compact, versatile, professional's machine. Capable of running three different size cables: 5/16", 3/8" and 5/8" - the perfect, all-around sink, shower, and floor drain machine; weighs less than 35 lbs.

Unique, easy-to-use, instant-acting cable clutch maximizes operator control:

- Pull handle down and cable spins at 400 RPM
- Release handle, cable stops - instantly
- Uses sections of 5/8" cable, cleans 1-1/4" to 4" lines up to 100 feet
- C-8 best for 1-1/4 - 3" drains
- C-9 best for 2 - 4" drains
- 5/16" best for 3/4" to 1-1/2" lines
- 3/8" best for 1-1/4" to 2" lines

Item #	Desc.	Model No.
RI58960	Machine, with: A-30 Cable Kit	K-50-4

RIDGE TOOL CO.

Drain Line Cleaners

Model K-60SP - For 1-1/4" to 4" (32-100 mm) Drain Lines

- A compact machine for institutional, commercial or residential cleaning; also ideal for septic tank, vacuum truck operators. Small enough to fit into cramped spaces, yet powerful enough to clear tough blockages
- Ideal for roof-top vent stacks. Rear handle allows for easy transporting up ladders and onto roof tops

Item #	Desc.	Model No.
RI66492	Machine with A-1 Operator's Mit, A-12 Pin Key, and A-60-12 Rear Guide Hose	K-60SP
RI66497	Machine with A-1 Operator's Mit, A-12 Pin Key, and A-60-12 Rear Guide Hose, Plus: A-61 Tool Kit, A-62 Cable Kit	K-60SP-SE
RI66512	Machine with A-1 Operator's Mit, A-12 Pin Key, and A-60-12 Rear Guide Hose	K-60SP

RIDGE TOOL CO.

Drain Cleaner Cable

1-1/4" X 15'

Fits K-1500 Unit

•) No. 62280 - 15' standard all purpose wind 3/8" pitch, good for 4" traps and 3 to 8" lines.

Item #
RI62280

RIDGE TOOL CO.

Drain Cleaner Accessories

For C-10 Cable

Fits K-60SP & K-3800 Machines

- 27642 - T-125 Retrieving Auger
- 62860 - T-103 Sawtooth Cutter, 2-1/2"
- 62930 - T-112 4 Blade Cutter, 1-3/4"

Item #
RI27642
RI62860
RI62930
RI62275

RIDGE TOOL CO.

Drain Line Cleaners

Model K-1500SP - For 2" to 10" (50-250mm) Drain/Sewer Lines

- All the features of the standard K-1500 with extra power to clean larger lines (10") and longer distances (through 300 feet); cuts through blockages fast
- Equipped with full 1 HP TEFC motor and heavy-duty rotary switch
- Unique easy-to-use instant-acting cable clutch maximizes operator control:
- Release, frees cable instantly, no overrun to loop or damage cable
- Low-profile frame design will fit most crawl spaces
- Easy clutch jaw change-out adapts the K-1500 SP to use 7/8" cable to clean 2" to 4" lines through 175 feet (order jawset A-368X, 59325)

Item #	Desc.	Rating (Volts-hz)
RI43507	Machine with A-1 Operator's Mitt and A-12 Pin Key, Plus: -A-34-12 Rear Guide Hose	120 - 60
RI46907	Machine with A-1 Operator's Mitt and A-12 Pin Key, Plus: -A-34-12 Rear Guide Hose -150 Feet, Ten Sections of C-11, 1¼ in. Cable -Three A-8 Cable Carriers -A-3 Tool Box -Eight-Piece 1¼ in. Tool Package	120 - 60
RI43512	Machine with A-1 Operator's Mitt and A-12 Pin Key, Plus: -A-34-12 Rear Guide Hose	220/240 - 50

Don't see the Ridgid product you're looking for? Call Edge today for information on other Ridgid tools.

REED MFG

Cutter Wheels

All Reed cutter wheels are made from high shock-resistant tool steel, while competitive cutter wheels are made from carbon steel or still lower quality tool steel. By using this higher quality raw material, Reed cutter wheels can be made thinner and can therefore cut pipe more easily and leave less burr. Also, because of their higher quality, certified material, only Reed cutter wheels can be heat-treated for the perfect balance between hardness and toughness to make Reed cutter wheels resist breakage and last longer.

Reed pioneered the development of cutter wheels for plastic pipe and today has the widest variety and highest quality cutter wheels for various types and wall thicknesses of plastic pipe and tubing.

Reed offers the largest cutter wheel line for all types of pipe, tubing and conduit. Reed cutter wheels are the best value for use in Reed cutters, or in the cutters of any other manufacturer.

Item #	Std. Pack	Reed Cutter	Blade Exposure (in.)	Application
For Tubing Cutters - Metal				
RDOSS	12	TC1Q, TC1.6Q, TC2Q, T10, T15, T20	0.160	Stainless Steel
RDO	12	TC1Q, TC1.6Q, TC2Q, T10, T15, T20, MC3, RT15T1, RT15T2, RT15T3, RTC1.1, RTC1.4	0.180	Copper, Aluminum, Brass, Steel Tubing
RD30-40	12	TC3Q, TC4Q, TC5Q, TC6Q, TC8Q	0.250	Copper, Aluminum, Brass, Steel Tubing
RD345T	12	MC2	0.146	Copper, Aluminum, Brass
For Tubing Cutters - Plastic				
RD1-2PVC	12	TC1Q, TC1.6Q, TC2Q, T10, T15, T20	0.280	PVC, CPVC, PVDS
RD30-40P	12	TC3Q, TC4Q, TC5Q, TC6Q	0.343	ABS, PE, PP
RD680PVC	4	TC6Q, TC8Q	0.575	PVC - Standard & Heavy Wall, CPVC
RD3-6PVC	12	TC3Q, TC4Q, TC5Q, TC6Q	0.377	3”-6” PVC, 4” Heavy Wall CPVC
For Pipe Cutters				
RD2RBS	12	2-1, 2-1Q, 2-4WG, 2-3, 2-3Q, 2-4, 5301PD	0.300	Steel, Stainless Steel
RD2RBHD	12	2-1, 2-1Q, 2-4WG, 2-3, 2-3Q, 2-4, 5301PD	0.296	HD for Steel, Stainless Steel
RDR1032/S	6	5301PD	0.450	Steel, Stainless Steel, Schedule 80
RD3RG	4		0.399	Steel, Stainless Steel
For Hinged Cutters				
RDHS4	4	H4	0.320	Steel, Stainless Steel

REED MFG

Pipe Cutter

C Shape

Easy-to-grip cutter easily snaps on to copper tubing for a quick, clean cut. Just turn the cutter in the direction of the arrow and the cut will be complete in seconds. Compact c-shape means no handle swing space is required. The spring-loaded cutter wheel self-feeds on Type K, L, and M copper and CTS CPVC with consistent pressure as the tool is turned around the tubing. Each cutter fits just one popular size of copper tubing.

Item #	Pipe Capacity (in.)	Application
RDTC50SLR	½	CTS CPVC, Hard M copper, L copper, and soft K copper
RDTC50SL	½	CTS CPVC, Hard M copper, L copper
RDTC72SLR	¾	CTS CPVC, Hard M copper, L copper, and soft K copper
RDTC75SL	¾	CTS CPVC, Hard M copper, L copper
RDTC1SLR	1	CTS CPVC, Hard M copper, L copper, and soft K copper
RDTC1SL	1	CTS CPVC, Hard M copper, L copper

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

REED
PIPE TOOLS & VISES
SINCE 1896

REED MFG

Hinged Cutters™

- Four wheels cut steel, stainless steel, cast and ductile iron with only 90° to 110° handle swing
- Only 4" clearance required around pipe
- Strong guide fingers ensure perfect alignment for square cuts
- A closed 360° frame forces all energy into cutting the pipe for maximum efficiency
- This is the only hinged cutter that tracks every time and the only one recommended for ductile iron, steel, and stainless steel to Schedule 100
- Note: S= comes with wheels for steel; I= for cast and ductile iron; X= for schedule 80 steel; XX= for schedule 100 steel.

Item #	Nom. Pipe Capacity (in.)	Length (in.)
RDH21/2S	1 - 2½	17
RDH21/2I	1 - 2½	17
RDH21/2X	1 - 2½	17
RDH4S	2 - 4	22
RDH4I	2 - 4	22
RDH4X	2 - 4	22
RDH6S	4 - 6	28
RDH6I	4 - 6	28
RDH6X	4 - 6	28
RDH8S	6 - 8	32
RDH8I	6 - 8	32
RDH8X	6 - 8	32
RDH8XX	6 - 8	32
RDH12S	8 - 12	34
RDH12I	8 - 12	34
RDH12X	8 - 12	34
RDH12XX	8 - 12	34

REED MFG

Tube Deburring Tools

- Tools deburr aluminum, copper, and steel tubing

Item #	Desc.
RDDEB0	Deburring Tool
RDDEB3	Deburring Tool
RDDEB38	Replacement Blade Only

REED MFG

Tripod Chain Vise

Manufactured with the heaviest gauge steel, overlapping hinges, and the best adjustable tray clamp, not a set screw, to keep the lower tray assembly and entire portable workbench tight – even after many hours of use! The heavy-duty design permits use with pipe up to 6" diameter. The exclusive double-faced jaws provide a second set of jaws with options available for both metal and plastic pipe (R450P).

Item #	Pipe Capacity (in.)
RD450+	⅛-6

REED MFG

Field Pipe Vise

- Field Pipe Vise holds pipe up to 20" diameter
- More pipe capacity than other Reed vises; 2,000 lb. vise capacity
- Super choice for pre-trench work and above ground cuts
- Excellent flexibility achieved in height and length of vise appropriate to application as customer may cut own pipe for legs and backbone

Item #	Pipe Capacity (in.-Nom.)
RDFPV20	2-20

REED MFG

Electric Hydrostatic Test Pumps

- Designed for pressure testing water systems such as water meters, plumbing lines, pressure vessels, solar systems and sprinkler systems, in both residential and commercial buildings. A standard 110V outlet is required and the electric motor is UL certified. The output pressure is easily adjusted simply by turning a knob and watching the attached gauge. A built-in bypass allows for automatic water recirculation once the set pressure is reached. When the pump is turned off, it can be easily disconnected from the test system and taken elsewhere or stored away. The hose-to-pump connection features a quick disconnect with built-in check valve, which allows for convenient setup and portability. Each pump includes a high pressure EHTPOUTHOSE for filling the system.

Item #	Capacity
RDEHTP500	500 PSI
RDEHTP500C	500 PSI

REED
PIPE TOOLS & VISES
SINCE 1896

REED MFG

Hydrostatic Test Pumps

Designed to test water meters, plumbing lines, pressure vessels, solar systems and sprinkler systems, in both residential and commercial buildings. The test pumps are portable and can be used to test modest irrigation lines. Pump operation requires the user to first fill the system that needs to be tested. Next, the user raises the system pressure by actuating the test pump handle. Finally, the user closes the pump's ball valve at the desired pressure. The user determines leakage based on dropping pressure as indicated by the hydrostatic test pump's pressure gauge. The pump has a relief valve that reduces the likelihood of over-pressuring the system. Hoses are sold separately.

Item #	Capacity (psi.)
RDHTP300	300
RDHTP1000	1000

Test your fire sprinkler systems

REED MFG

Universal Pipe Cutters

- Lightweight, easy-to-use Universal Pipe Cutters (UPC) are available to cut 6" - 48" (150-1300 mm) outside diameter ductile iron, cast iron, clay, concrete, steel, PVC, or PE pipe
- The cutters are pneumatic powered
- The lower cost RDUPC616A uses the same motor as the others, but does not need connecting frames
- The RDUPC616 is shipped in a steel toolbox with a three-gallon, formed-steel water tank
- The RDUPC636A and RDUPC648A come in a steel toolbox with a seven-gallon, stainless steel water tank and cart
- Must order required blades separately

Item #	Pipe Dia. (Inches-Nom.)
RDUPC616A	6-16
RDUPC636A	6-36
RDUPC648A	6-48

REED MFG

Manhole Hooks

High Carbon Steel

- Forged with high carbon steel
- RDMH30 has rotated handle and rocker head to more easily enter notch in stubborn covers
- Points are 1/2" wide for cover openings

Item #	Handle To Hook Relationship	Length (in.)
RDMH26	Same Plane	26
RDMH30	Hook 90° To Handle	30
RDMH36	Same Plane	36

REED MFG

PE Squeeze-Off Tools

- Reed offers the best designed tools for stopping flow in PE pipe with capacities of 1/2" to 8"
- Sliding bar handles make work in tight places easier and increase leverage for tightening
- Other features include fine-pitched thread to allow for a controlled, low-effort squeeze; greased fittings to make operation easier and extend life; and aluminum parts to make tools lighter for easier handling
- Aluminum castings also withstand varied climate and soil conditions
- All tools use positive stops to prevent damage caused by over-clamping
- PES1 models feature a stationary bottom bar
- The PES2 and PES4 series have an affixed bottom bar, which swings open to fit over any location on the pipe
- RDPES2PC160 features CTS-specialized stops for Pressure Class 160 tube
- PES2-2 models have a new double-bar design with two squeeze points in a row which provide better shut-off and extra protection against leaks, right in one tool
- Reed's PES8s are available in manual or hydraulic models and also feature the new double-bar design - RDPES8M requires manual operation, uses two stops, and allows a dozen different pipe/SDR combinations - RDPES8H utilizes a hydraulic pump and offers a pressure gauge and saddle clamps
- An optional Flow Control Valve Kit is available to control release of the upper jay to reduce risk of static build-up
- Attention Utility Contractors: PES2 models can be used on both CTS and IPS PE pipe by simply changing the safety stops

*RDPES2PC160 Rated for working pressure to 160 psi

Item #	Capacity (in.)	Pipe/SDR Stops	Length (in.)
RDPES1IPS	½-1	3	11
RDPES1CTS	½-1	3	11
RDPES2IPS	½-2	6	12
RDPES2CTS	½-2	6	12
RDPES2PC160	½-2	6	12
RDPES4	2-4	7	20
RDPES8M	3-8	12	28
RDPES8H	3-8	12	28
RDPES2-2IPS	½-2	6	12
RDPES2-2CTS	½-2	6	12

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

REED MFG

Valve & Curb Keys

- Upper shafts are made from heavy-gauge, mechanical steel tubing
- The keys have a telescoping design
- When telescoped in, they are under 4 feet long and fit easily in small utility trucks, behind pickup seats, and in car trunks
- When telescoped out, lengths of 5 feet to 7 feet are possible
- RDVK10 reaches nearly 10 feet when fully extended
- RDVKEXT shaft is available to extend the keys to over 12 feet
- For greater control and versatility, a variety of tools can be used on the end of T handles to turn curb stops
- Optional clip-on tools can be used to turn small valve wheels, curb box rods, pentagon bolts, and Buffalo box lids; Reed customers can choose keys according to the needs of their systems
- The RDVKA45 (shown in picture) is an adjustable valve key for mains with the curb key at a 45 degree angle; this angle provides a visual indication of a ball valve's open or closed status, the handle lines up with the pipe when the valve is in the open position - the handle crosses the pipe (seeming perpendicular) with the valve in the closed position
- RDVK916PENT fits gas company curb stops and lids with its 9/16" pentagon key
- RDVKEXT is an extension bar with 3 positions that can be used on most Reed keys for up to 6 feet of extra reach
- RDVKKIT uses the VK3 upper shaft to create all VK2 and VK3 variations of valve keys

Item #	Desc.	Closed Length (in.)
RDVKA	Adjustable Valve Key for Mains	45.5
RDVKA45	Adjustable Valve Key with 45° angle Curb Key	45.5
RDVK2CK1	Main Valve Key + 1" Curb Key	45.5
RDVK2CK2	Main Valve Key + 2" Curb Key	45.5
RDVK2COMBO	Main Valve Key + Combination curb box pentagon & rod tool	45.5
RDVK916PENT	9⁄16" Pentagon Key	45.5
RDVK3CK1WHL	Main Valve Key + 1" Curb Key + valve wheel 2 prong tool	45.5
RDVK3CK1-2HL	Main Valve Key + 1" Curb Key + 2 prong tool for 2 hole curb boxes	45.5
RDVK3CK1COMBO	Main Valve Key + 1" Curb Key + Combo curb box pent. & rod tool	45.5
RDVK3CK1ROD	Main Valve Key + 1" Curb Key + 3⁄8" slotted tool for curb box rods	45.5
RDVK3CK1CK2	Main Valve Key + 1" Curb Key + 2" Curb Key	45.5
RDVK3CK1EXT	Main Valve Key + 1" Curb Key + Extension shaft for additional 6' reach	45.5
RDVKKIT	Kit contains parts to make all VK2 and VK3 variations using the VK3 upper shaft	45.5
RDHWVK	Hydrant Wrench with hole to attach to valve key	20
RDVK3CK1HW	Valve Key with CK1 curb key and Hydrant Wrench	45.5
RDVK10	Basic 10' Valve Key	65.0
RDVK10-3CK1CK2	10' Valve Key with CK1 and CK2 Keys	65.0
RDVK10-3CK1EXT	10' Valve Key with CK1 Key and Extension	65.0
RDVKEXT	Valve Key Extension	72.0

REED MFG

Universal Pipe Cutter Blades

Item #	Desc.	Pipe Dia. (in.)	Pipe Material
RDUPCARB4	4" Blades cut up to 23/32" wall thickness	6	PVC
RDUPBEVEL	Available by special order, minimum order applies		PVC
RDUPCARB6	6" Blades cut up to 1 23/32" wall thickness	8 - 48	PVC
RDUPCSTEEL4	4" Blades cut up to 23/32" wall thickness	6-8	Steel, PE
RDUPCSTEEL6	6" Blades cut up to 1 23/32" wall thickness	8-48	Steel, PE
RDUPDIA6C	6" Blades cut up to 1 23/32" wall thickness	8-48	Cast Iron, Pit Cast, Ductile Iron Clay, Concrete
RDUPDIA4C	4" Blades cut up to 23/32" wall thickness	6	Cast Iron, Pit Cast, Ductile Iron Clay, Concrete

REED MFG

Valve Wheel Wrenches

- Reed valve wheel wrenches grip the rims of hand valve wheels securely and provide leverage for opening and closing
- Choose a wrench based on the hook opening
- RDVKVW fits standard valve nuts and is made of heavy-duty mechanical steel tubing
- RDVWALP1 and RDVWALP2 offer a low-sparking benefit due to aluminum-magnesium alloy construction

Item #	Style	Material	Hook Opening (in.)	Length (in.)
RDVKVW	2" Square Nut	mechanical steel tubing	2" Square	21
RDVW0	Double-end	forged steel	1/2 & 21/32	8
RDVW1	Single-end	forged steel	1	15
RDVW2	Single-end	forged steel	1 5/16	22
RDVW3	Single-end	forged steel	2	27
RDVW10	Double-end	forged steel	11/16 & 1	10
RDVWALP1	Single-end	aluminum	1 3/8	14
RDVWALP2	Single-end	aluminum	1 3/4	18

ROTHENBERGER

ROTHENBERGER

Ropower 50R Compact Threading Machine

The Ropower 50R uses Ridgid®-compatible dies with the new quickchange ball detent feature. While other manufacturers' Ridgid® style dies may be used in the 50R die head (56265), only Rothenberger's dies snap into position.

- Machine slightly angled: Reduced oil consumption, oil moistening in pipe interior is avoided
- NPT dia.: 1/4"-2" capacity
- Includes: Automatic die head with NPT Alloy dies 1/2"-2", 1/2"-3/4" NPT dies (89162), 1"-2" NPT dies (89163)

Item #	Desc.
RO63005	Ropower 50 R

Accessories

RO56051	Wheeled Folding Stand
RO04510R	Cutter Wheel

ROTHENBERGER

ROTHENBERGER

Rocam® Mobile Cordless Drain Inspection Camera

- Flexible camera head for excellent maneuverability
- Continuously adjustable LED brightness
- Integrated storage compartment
- For hollow spaces and drains of 2” to 6”
- Camera head diameter 1-1/4”
- Push cable diameter 3/16”
- Push cable length 118 ft.
- On-board battery charger with charge status indicator: Battery is always charged
- Fold down monitor cover: Acts as sun visor for best viewing of image
- Video In/Video Out: For optional video recording and playback
- Pinhole lens with LED illumination: Brilliant, clear image for easy diagnosis

Item #
RO69635NT

ROTHENBERGER

Ropress Corded Crimping Tool

State-of-the-art crimping tool.

- Interchangeable crimping jaws: Flexible and cost effective
- Secure grips and innovative 2-component housing allows easy 1-handed operation

Item #	Desc.
RO16201	Ropress Corded Tool, No Jaws
RO16202	Ropress Corded Tool, ½”-2” Jaws
RO15222X	Press Jaw, ½” Copper
RO15223X	Press Jaw, ¾” Copper
RO15224X	Press Jaw, 1” Copper
RO15225X	Press Jaw, 1¼” Copper
RO15226X	Press Jaw, 1½” Copper
RO15227X	Press Jaw, 2” Copper
RO15251X	Press Jaw, ⅜” PEX
RO15252X	Press Jaw, ½” PEX
RO15253X	Press Jaw, ⅝” PEX
RO15254X	Press Jaw, ¾” PEX
RO15255X	Press Jaw, 1” PEX
RO15256X	Press Jaw, 1¼” PEX
RO14486	GO/NO GO Calibration Gauge ⅜”, ½”, ⅝”, ¾” ASTM F1807 PEX
RO14487	GO/NO GO Calibration Gauge ⅜”, ½”, ¾”, 1” ASTM F1807 PEX

SUMNER

SUMNER

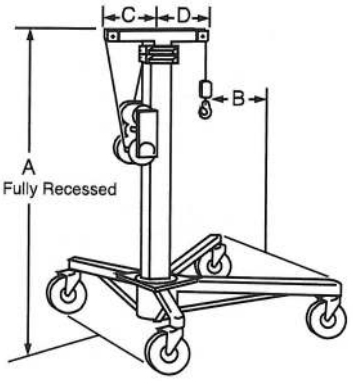
Material Lift

Roust-A-Bout

The Sumner Roust-A-Bout enables one man to lift and place loads in tight locations that would be impossible with other lifts. The flexible Roust-A-Bout not only makes the job possible . . . it can pay for itself in days by reducing job time.

This dependable lift can raise a 1,500 lb. (682 kg) load to heights up to 25 feet (7.6 m) in minutes. In addition, the load can be moved vertically and horizontally at the same time. Wider loads (up to 1,000 lbs.) can be handled with the addition of Sumner's Tee Head Extension Bar. The Roust-A-Bout eliminates the need for many other tools such as come alongs, scaffolds, monorails, and swing booms.

- Lifts 1,500 pounds (680 kg)
- 15’, 18’ and 25' heights
- Moves vertically and horizontally
- Separate load and mast winches
- 2-speed winch
- Infinite load height adjustment
- Ideal for job site or shop
- Mast and base separate quickly for EASY transport

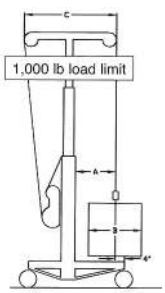


Item #	A	B	C/D	Base	Max Height
SU780300	79”	20”	12”	32” x 40”	15’
SU780301	79”	20”	12”	40” x 40”	15’
SU780302	126”	25”	14.5”	50” x 50”	18’
SU780303	119”	30”	17.5”	60” x 60”	25’

SUMNER

Tee Head Extension Bar

- Expands the Roust-A- Bout for handling bulky loads up to 1000 lb.



Item #	A	B	C
SU781060	22”	43”	48”
SU781061	29”	58”	63”
SU781062	37”	73”	68”

SUMNER

SUMNER

Contractor Lifts

Manually Operated

Series 2100

- 12', 18', and 24' heights
- 650 lb. capacity
- One-piece, lightweight design
- Fast action stabilizer legs
- Compact storage
- Sumner-built winch
- Can be stored in the folded, compact position
- Rolls in upright, stored position
- Load cable away from operator
- Unique mast hold-down system

Item #	Model	Max. Height (forks up)
SU783650	2112	13 in. 1 in.
SU783651	2118	18 ft. 6 in.
SU783652	2124	23 ft 11 in.

SUMNER

Contractor Lift

- A super compact 12 ft (3.6m) lift
- 400 lb (180 kg) lifting capacity
- One piece construction –no loose pieces
- Easily portable for one person operation
- Fits most SUVs and vans
- 13 ft. height when forks reversed
- Height max. (forks up) 13.0'
- Height max. (forks down) 12.0'
- Lift capacity 400.0 lb.
- Height stowed 62.8"
- Length stowed 23.0"
- Length operating 48.0"
- Width stowed 26.4"
- Width max 26.4"
- Winch cranks per ft/m 8
- Basic weight 195.0 lb

Item #	Model
SU784750	2412

SUMNER

Pipe Jack

Heavy-Duty

- 2,500 lb. (1135 Kg) capacity
- 1" square tube base construction
- Quick action lockwasher for fast height positioning
- Patented Fall Guard™ feature allows 1" (25 mm) safety zone around lockwasher

Item #	Model	Desc.
SU780375	ST-801	w/Vee-Head
SU780376	ST-802	w/Roller Head

SUMNER

Pipe Jack

Pro Jack

- Formed steel legs
- 2,000 lb. (900 Kg) capacity
- Quick action lockwasher for fast height positioning
- Patented Fall Guard™ feature allows 1" (25 mm) safety zone around lockwasher

Item #	Model	Desc.
Pro Jack - Hi Jacks		
SU780471	ST-871	w/V" Head
Pro Jack - Low Jacks		
SU780472	ST-872	w/Roller Head

SUMNER

Pipe Jack

Fold-A-Jack

- Folds up for storage ease
- 1" square tube base construction
- 2,500 lb. (1,134 Kg) capacity
- Quick action lockwasher for fast height positioning
- Patented Fall Guard™ feature allows 1" (25 mm) safety zone around lockwasher

Item #	Model	Desc.
SU781300	ST-881	w/Vee-Head
Fold-A-Jack - Hi Jack		
Fold-A-Jack - Lo Jack		
SU781301	ST-882	w/Roller Head
SU781305	ST-886	w/Ball Transfer Head

SUMNER

Pipe Jack Stand

Fat Jack

- Large vee head
- Wide base
- Folding base

Item #
SU781375

SUMNER

V-Head Assembly

B-16F

Fold-A-Jack

Item #
SU780518

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Mechanical & Electrical Work Equipment

SUMNER

SUMNER

Hold Down Device

Max Jack

- Uses high tensile strength chain for gripping up to 12" pipe onto the large vee-head when either welding or using the Max Jax for material handling
- Chain extension kits are available for pipe up to 40"

Item #
SU781050

SUMNER

Pipe Jack Stands

Pro Roll

- 1/2 – 48" or 2,000 lb. (900 Kg) capacity
- Adjustable height
- Leveling on either side of stand
- Handles large enough to grip with a gloved hand

Item #	Wheel
SU780441	Steel
SU780443	Rubber

SUMNER

Pipe Jack Stand

Base Only

Adjust-A-Roll

- Base only

Item #
SU780399

SUMNER

Pipe Jack

Adjust-A-Roll

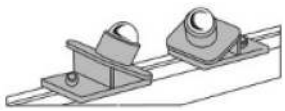
- 1/2" to 48", or 2,000 lb. (900 Kg) pipe capacity
- Roller adjustment from either side
- Fast adjustment for easy pipe positioning

Item #	Wheel
SU780360	Steel
SU780362	Rubber

SUMNER

Ball Transfer Head

Adjust-A-Roll



- Q.C. ball-transfer head

Item #
SU783154

SUMNER

Pipe Clamp

Ultra Clamp™

- Rugged frame, built for jobsite use
- Smooth roller clamping action for positive gripping
- Stainless steel contacts and alignment screws
- Operating handle repositions for close work
- Fine adjustment screws for quick fit-up
- Light weight for overhead work

Item #	Description
SU781130	1”-2½”
SU781150	2”-6”
SU781170	5”-12”

SUMNER

Pipe Clamp

Ultra Fit

- A fast accurate fit-up clamp for fitting to fitting
- Rugged compact design to operate in tight locations
- Stainless steel contacts and alignment screws
- Two-hand operating handle for positive gripping
- Fine adjustment screws for quick fit-up
- Light weight for overhead work
- Smooth roller clamping action for positive gripping

Item #	Description
SU781265	1”-2½”
SU781275	2”-6”
SU781285	5”-12”

SUMNER

Welding Clamps Kit

ST-106

- Consists of metal carrying box, main block and chain, jack bars and instruction manual
- Large Clamp Champ includes double jack screws for reforming 20 mm pipe wall

Item #
SU781000

SUMNER

SUMNER

Internal Fit-up Clamp

- Can be used on all standard weld neck flanges and great with slipon flanges
- Contact points stainless steel
- One piece construction
- Quick action operation
- Priced right
- Available for 2”-12” pipe

Item #	Description
SU784100	2”-4”
SU784102	4”-8”
SU784103	8”-12”

SUMNER

Flange Alignment Pins

Qwik Pins®

- Quick installing pins work to level flange (two-hole) for tack and weld-out
- Hardened tapered Quick Pins automatically center on 5/8 - 1-5/8" holes
- Features acme threads for maximum clamping power and hardened steel for long-lasting use

Item #
SU781235

SUMNER

Flange Leveler

- Two hole and level in one time saving operation
- Uses bush-button Qwik Pin nuts for fast action
- Features stub Acme threads for maximum clamping and hardened steel for lasting use
- Automatically centers in flange holes 5/8”-1-5/8”
- Easily replaceable vials in the event of breakage

Item #
SU781240

SUMNER

Grasshopper Cart

Grasshopper®

Enables one man to lift 2,000 lbs. Unassisted!

- Special sliding chain block design accommodates long and short loads
- Carries up to 20" diameter pipe, toolboxes, fittings, and valves
- Length: 12’ (366 cm)
- Width: 36” (91 cm)
- Height: 40” (102 cm)

Item #
SU780351

SUMNER

Flange Pins

ST-106

Clamp Champ

- Quick installing pins work as convenient reference points to level flange for tack weld-out
- No tools needed
- Hardened tapered pins automatically center on holes
- Features Acme threads for maximum clamping power

Item #	Model	Description	Material
SU780430	ST-106	⅝”-1⅝” holes	Carbon Steel
SU780429	ST-206	⅝”-1⅝”	Stainless Steel
SU780650	ST-258	1½”-2⅝”	Carbon Steel

SUMNER

Cricket Carts

Cricket™

- Transport 20 ft pipe lengths up to 1,000 lbs
- Ideal job-site material carrier
- Comes with ratchet hold-down strap and 16" tubed tires
- Quick handle disconnect for compact storage

Uses leverage to lift pipe
1. Use ratchet to secure cricket to pipe
2. Use handle to flip cricket & pipe
3. Reposition handle

Great for flanges, fittings and valves

Item #
SU782699

SURFACE SHIELDS

Duct Cover Shield

- Self-adhering protective film has a high adhesion suitable for all types of duct work
- The water-based adhesive will not leave a residue on the metal after removal
- Special blend of polyethylene is highly resistant to tears or punctures
- Satisfy SMACNA guidelines during construction by providing temporary closures on open ductwork

Item #	Size (in. x ft.)	Color
SFDC24200	24 x 200	Clear
SFDC36200	36 x 200	Clear
SFDC48200	48 x 200	Clear

Mechanical & Electrical Work Equipment

BERNZOMATIC

Propane Torches

- Adjustable flame control knob for ease in switching between different applications
- Instant-on trigger igniter for easy lighting
- General purpose flame

Item #
BZTS3000T

BERNZOMATIC

Propane Torches

- Swirl flame provides a hotter, more efficient flame
- Instant on/off trigger igniter with simple one-handed operation
- Lock button keeps torch lit for finger-free use

Item #
BZTS4000T

BERNZOMATIC

Propane Torches

Swivel Head

- 360º swivel torch head provides maximum accessibility for different applications
- Swirl flame targets heat output and provides a hotter, more efficient flame

Item #
BZTS99T

BERNZOMATIC

7-Piece Propane Torch Kit

- UL2317 Brass Torch
- 16.92 oz. Fat Boy Propane fuel cylinder
- Flame spreader
- Spark igniter; utility flame tip
- Additional sparker flints
- Durable molded plastic storage case

Item #
BZUL125

BERNZOMATIC

Spark Lighters and Flints

Item #
BZTX405

Replacement Flint

BZTX406

BERNZOMATIC

Propane Fuel Cylinder

Fat Boy

- Ideal for general soldering
- Flame temperature in air = 3450° F
- 20% more fuel (than standard 14.1 oz cylinders)

Item #
BZTX-9

BERNZOMATIC

Propane Fuel Cylinder

Fat Boy

- Ideal for medium to heavy soldering and brazing
- Flame temperature in air = 3600 F
- 20% more fuel (than standard 14.1 oz cylinders)

Item #
BZMG9

Want Welding Equipment?

Call an Edge sales representative

BUILDINGS AND MATTERS, LLC

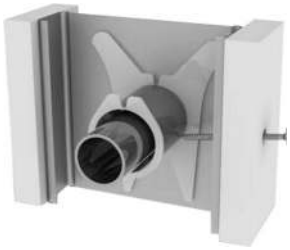
Hole Covers

- The industry's only core cover with a water-tight seal that keeps water out of open holes during construction
- Unique Dome Profile Has Many Benefits: optimizes material usage, minimizes tripping hazards, distributes structural capacity evenly - regardless of the diameter, allows holes as small as 2 inches apart to be covered, uses post-consumer recycled polypropylene that can be recycled
- Fluorescent Yellow
- No tools needed, simply press fit into hole until underside of rim is flush with floor
- Temperature Range: -20º F to 120º F
- Loads: Safety Factor >4 for a 150 psf load, >2 for a 250 pound load at the center
- To remove pry up with screwdriver (or similar tool) using the two slots on the underside of rim
- Made In The USA

Item #	Size Dia. (in.)
HP-P002.0	2
HP-P002.5	2½
HP-P003.0	3
HP-P003.5	3½
HP-P004.0	4
HP-P004.5	4½
HP-P005.0	5
HP-P005.5	5½
HP-P006.0	6
HP-P007.0	7
HP-P008.0	8
HP-P009.0	9

BUILDINGS AND MATTERS, LLC

Puncture Solution



The Puncture Solution is a lightweight, innovative plastic device that prevents water pipes from being nicked or punctured during sheetrock installation. It snaps quickly and easily around pipe junctions to protect them from incoming sheetrock screws:

- Screws can't penetrate the Puncture Solution's metal collar and are instantly deflected around the pipe, preventing any damage
- Screws can be fully driven into the sheetrock, so labor is not wasted removing and re-drilling the drywall screw
- Reduces liability from leaks that are notoriously hard to find and are often only detected after construction is complete and the water turned on
- Provides a better alternative than striker plates because it covers both sides of the pipe and leaves no bumps in the finished sheetrock
- Saves time and money with quick one handed snap on installation
- Provides a secure, tight fit between the stud and the pipe
- Isolates the pipe from the metal stud to prevent galvanic reactions
- Can also protect electrical wiring and conduit
- Standard size fits 1⁄2 inch to 1 inch pipe for insertion into a 1-3⁄8 inch punched hole

Item #
HP-PS

GREENLEE

GREENLEE TEXTRON INC.

Wire Strippers/Cutters

Serrated Nose Grip

The Terminators®

- Serrated nose grip for wire pulling and straightening
- Pivot joints have hardened steel bushings
- Precision ground blades for consistent stripping and cutting

Item #	Desc.	Capacity
GR1916	Wire Stripper/Cutter for Use with Solid Wire	20 - 10 AWG (.5 mmð - 6 mmð*) PVC or THHN Insulation
GR1918	Wire Stripper/Cutter for Use with Small Gauge Solid Wire	30 - 22 AWG (.05 mmð - .34 mmð*) PVC or THHN Insulation

GREENLEE TEXTRON INC.

Heavy-Duty Hacksaw

- Over-molded rugged design for heavy-duty use and comfort
- Alternative 45 degree blade mounting allows for flush cutting
- Blade Length: 12”

Item #
GR333A

GREENLEE TEXTRON INC.

PVC Cutters

- Ratchet action for fast, easy cutting
- Heat-treated, replaceable steel blade for long cutting life

Specifications:

- Capacity: Up thru 1-1/4" PVC

Item #
GR864

GREENLEE TEXTRON INC.

Bubble Level

Mini-Magnetic

- Professional grade level with bending offset aid; mini torpedo design with Handy "no-dog" attachment for bending
- Three rare earth magnets provide superior holding strength
- Four vial design - 0 deg., 90 deg., 45 deg. and 30 deg.

Item #
GRL77

GREENLEE TEXTRON INC.

Laser Level

Mini-Magnet

- Professional grade laser level, mini torpedo design with handy "no dog" attachment for bending
- Three rare earth magnets provide superior holding strength
- Laser is capable of working on all planes
- Four vial design – 0°, 90°, 45° and 30°

Item #
GRL97

GREENLEE TEXTRON INC.

Hydraulic Driver Punch Kit

Ram and Hand Pump

No. 7506

- Slug-Splitter® Knockout Punches with capabilities up thru 10 gauge stainless steel
- Powerful 11-ton hydraulic ram
- 3 foot hose
- 1/2" through 2" Conduit Size Slug-Splitter® Knockout Punch Kit with Hydraulic Ram and Hand Pump

Item #
GR7506

GREENLEE TEXTRON INC.

Ram and Hand Pump Hydraulic Driver Punch Kit

Slug-Splitter®

- Slug-Splitter® Knockout Punches with capacities up through 10 gauge
- (3.5 mm) stainless steel

Item #	Desc.
GR29451	7⁄16 x 4¼ in. Draw Stud
GR29452	¾ x 5½ in. Draw Stud
GR1924AA	Spacer-Short
GR1925AA	Spacer-Medium
GR1926AA	Spacer-Long

GREENLEE TEXTRON INC.

Hydraulic Drive Punch Kit Parts

- Capacity - Stainless Steel: 10 ga.

Item #	Desc.	Conduit and Pipe Hole Size (in.)	Actual Hole Size Diameter in. (mm)
GR28154	½"Conduit Size Punch	½	.885 (22.5)
GR28155	½" Conduit Size Die	½	.885 (22.5)
GR28156	¾" Conduit Size Punch	¾	1.115 (28.3)
GR28157	¾" Conduit Size Die	¾	1.115 (28.3)
GR28158	1" Conduit Size Punch	1	1.362 (34.6
GR28159	1" Conduit Size Die	1	1.362 (34.6)
GR28160	1¼" Conduit Size Punch	1¼	1.701 (43.2)
GR28161	1¼" Conduit Size Die	1¼	1.701 (43.2)
GR28162	1½" Conduit Size Punch	1½	1.951 (49.6)
GR28163	1½" Conduit Size Die	1½	1.951 (49.6)
GR28165	2" Conduit Size Punch	2	2.416 (61.5)
GR28166	2" Conduit Size Die	2	2.416 (61.5)
GR36490	1$^{7}/_{32}$" Punch Oiltight		1.210 (30.5)
GR36489	1$^{7}/_{32}$" Die Oiltight		1.210 (30.5)

GREENLEE TEXTRON INC.

Punches

- Mild Steel Capacity: 10 ga.

Item #	Desc.	Actual Hole Size Diameter in. (mm)
GR721-1/2	½" Conduit Size Punch	.885 (22.5)
GR721-3/4	¾" Conduit Size Punch	1.115 (28.3)
GR721-1-1/4	1¼" Conduit Size Punch	1.701 (43.2)
GR721-1-1/2	1½" Conduit Size Punch	1.951 (49.6)
GR721-1	1" Conduit Size Punch	1.362
GR721-2	2" Conduit Size Punch	2.416
GR00042	Ball Bearing Draw Stud with 1" Hex Head - ⅜ x 1⅝"	
GR304AVBB	Draw Stud - ¾ x 2$^{15}/_{16}$"	

GREENLEE TEXTRON INC.

Knockout Punches

Slug-Buster®

- Unique punch profile splits slugs allowing easy slug removal
- Use with battery-powered, hydraulic, ratchet or manual drivers
- Uses standard Greenlee dies and draw studs

Specifications:

- Capacity: Mild steel up through 10 gauge (3.5 mm)
- Application: Punch mild steel, aluminum, fiberglass and plastic

Item #	Conduit and Pipe Hole Size (in.)	Mild Steel Capacity ga (mm)
GR7211BB-1/2	½	10 (3.5)
GR7211BB-3/4	¾	10 (3.5)
GR7211BB-1	1	10 (3.5)
GR7211BB-1-1/4	1¼	10 (3.5)
GR7211BB-1-1/2	1½	10 (3.5)
GR7211BB-2	2	10 (3.5)

GREENLEE

GREENLEE TEXTRON INC.

Ram and Hand Pump Kit Parts

- 17697 and 36282 are included in 7646PG ram and hand pump kit
- 15908 includes 1 each of spacer-short, spacer- medium, spacer-long

Item #	Desc.
GR15908	Spacer Group

GREENLEE TEXTRON INC.

Hydraulic Hand Pump

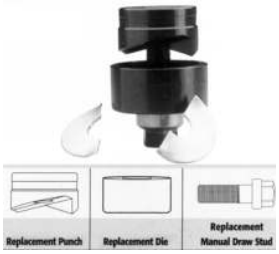
- Lightweight and portable for use with Greenlee Punch Drivers
- Single speed
- Rugged steel pump body/reservoir with cast aluminum handle
- Operation: Manual-hand Capacity: 6,500 psi

Item #
GR767

GREENLEE TEXTRON INC.

Punch Units

Replacement Punches, Dies & Manual Draw Studs



- Unique punch profile splits slugs allowing easy slug removal
- Use with manual, ratchet, hydraulic or battery-powered drivers
- Uses standard Greenlee dies and draw studs

Specifications:

- Application: Punch mild steel, aluminum, fiberglass and plastic

Item #	Conduit & Pipe Size (in.)
Replacement Punches	
Replacement Dies	
Replacement Manual Draw Studs	
GR60237	
GR60246	1.21
GR124AV	¾
GR126AV	1
GR440AV	1½
GR442AV	2
GR249AVBB	1

GREENLEE TEXTRON INC.

Replacement Draw Studs

- For manual drivers
- Diameter x Length: 1/4 x 1-3/8 in. (6.4 x 35 mm)

Item #
GR1675AV

GREENLEE TEXTRON INC.

Draw Studs

Item #	Size
GR12097	⅜"x2 15/16"
GR12099	¾"x4¾"
GR1675AV	¼"x1⅜"
GR3026AV	1⅛'x7½'

GREENLEE TEXTRON INC.

Ratchet Wrench

- Time-saving ball bearing head punches faster than wrench method; requires less than half the force of conventional ratchet drivers
- Punches up through 10 gauge mild steel with Greenlee Standard and Slug-Buster® punches; and 16 gauge

Item #
GR20495

GREENLEE TEXTRON INC.

Wrench Knockout Kit

Ratchet

Slug Buster®

- 1" Hex Ratchet Wrench allows use with both 3/8" (19.1 mm) and 3/4" (9.5 mm) draw studs
- Description: 1/2"-2" Conduit Size Slug-Buster® Knockout Punch Kit
- Capacity Mild Steel (GA): 10

Item #
GR7238SB

GREENLEE TEXTRON INC.

Knockout Punch Kit Parts

Item #	Desc.	Actual Hole Size Diameter in. (mm)
Included in GR7304 knockout punch kit		
GR1429AV	2½" Conduit Size Punch	1.951 (49.6)
GR1430AV	2½" Conduit Size Die	1.951 (49.6)
GR1431AV	3" Conduit Size Punch	2.416 (61.5)
GR1432AV	3" Conduit Size Die	2.416 (61.5)
Included in GR7610SB Slug-Buster® ram and foot pump hydraulic driver kit		
GR2981AV	3½" Conduit Size Die	4.044
GR2982AV	3½" Conduit Size Punch	4.044
GR2983AV	4" Conduit Size Die	4.544
GR2984AV	4" Conduit Size Punch	4.544
Included in GR7625, GR7606SB, GR7610SB 4.544 Slug-Buster® ram and foot pump hydraulic driver kit		
GR2113AA	Draw Stud - ¾ x 5⅜	

GREENLEE TEXTRON INC.

Hydraulic Punch Driver and Kits

Quick Draw®

- Compact, lightweight design for portability and fast, easy one-person operation
- Develops 8 tons of hydraulic force for easy punching, even in 10-gauge stainless steel depending on individual punch capacities
- Quick Draw® is perfect for fast, straight-on front panel punching
- Quick Draw 90®'s right angle driver head rotates over 180 degrees for maximum flexibility in tight working areas
- Quick Draw® Flex allows unlimited driver orientation to simplify access to work area

Item #	Desc.
GR7706SB	Standard - Quick Draw® Flex Driver, ½ in. through 2 in. Slug Buster® Conduit Size Punches and Dies, 2 Draw Studs, 1 Adapter, 1 Spacer and Case

GREENLEE TEXTRON INC.

Hydraulic Punch Driver and Kits

The Quick Draw™ and the Quick Draw 90™ Features:

- Optional step-saver adapter converts standard Greenlee punches thru 1-1/4 inch conduit sizes to use 7/16 inch draw stud (adapter and draw stud included with 7804SB only)
- Develops 8 tons of hydraulic force for easy punching, even in 10 gauge stainless steel depending on individual punch capacities
- Quick Draw is perfect for fast, straight-on front panel punching
- Quick Draw 90's right angle driver head rotates over 180 degrees for maximum flexibility in tight working areas

Item #	Desc.
GR7806SB	Standard - Quick Draw™ Driver, ½" thru 2" Slug Buster conduit size punches and dies 2 draw studs, 1 adapter, 1 spacer and case
GR7904SB	Quick Draw 90® Driver, 2 Draw Studs, 1 Adapter, 1 Spacer and Case
GR7906SB	Quick Draw 90™ Driver ½" thru 2" Slug-Buster conduit size punches, dies and draw studs and case

GREENLEE

GREENLEE TEXTRON INC.

Ratchet Wrench

- 1" Hex Ratchet Wrench allows use with both 3/8" and 3/4" draw studs
- High-impact, rugged plastic carrying case

Item #
GR34941

GREENLEE TEXTRON INC.

Draw Stud Replacement

- Draw Stud 1-1/8' (28.6 mm) x 7-1/2' (190 mm) Replacement Part for 741BB/19977 and 742BB/19778 and 730EBB-120/21519 and 743BB/19980

Item #
GR3026AV

GREENLEE TEXTRON INC.

Knockout Punch Kits

Manual

Slug Buster®

- Assortment of commonly used Slug-Buster® knockout punches, packaged to meet the contractor's needs
- High-impact, rugged plastic carrying case

Item #	Conduit Size
GR7235BB	½ - 1¼ in.
GR7237BB	1½ and 2 in.

GREENLEE TEXTRON INC.

Hydraulic Punch Driver Kit Parts

Item #	Desc.	Size (in.)
GR31872	Draw Stud	¾ x 4⅛
GR33967	Stud Adapter	⅜
GR1614SS	Draw Stud	⅜ x 2 13/16

GREENLEE TEXTRON INC.

Hydraulic Foot Pump

- Free both hands to position and hold the working tool
- Foot activated release lever
- Foot Capacity 6,500 psi

Item #
GR1725

GREENLEE TEXTRON INC.

Hydraulic Driver Kits

Ram and Hand Pump

- Fast, easy and simple to operate
- Punches 10 times faster than wrench method
- Can be used with all standard round, Slug-Buster® and Slug-Splitter® punches
- 3-foot hose
- Powerful 11-ton hydraulic ram

Item #	Desc.
GR7646	Driver with Hand Pump, Plastic Case Driver, Hand Pump, Standard Punches, Dies and Draw Studs for ½ in. through 2 in. Conduit, Plastic Case

GREENLEE TEXTRON INC.

Hydraulic Hand Pump Kit

- Punches 10 times faster than wrench method
- Can be used with all standard round, Slug-Buster® and
- Slug-Splitter® punches
- 3-foot hose
- Powerful 11-ton hydraulic ram

Item #
GR7310

GREENLEE TEXTRON INC.

Hydraulic Driver Kits

Ram and Hand Pump

- Compact design for field use on construction sites and maintenance jobs
- Punches 10 times faster than wrench method
- Can be used with all standard round, Slug-Buster and Slug-Splitter punch sizes
- 3 foot hose
- Powerful 11-ton hydraulic ram

Item #	Desc.
GR7310SB	Driver, hand pump, Slug Buster® punches, dies and draw studs for ½" thru 2" and 2½ thru 4" standard conduit size punches, dies and draw studs, adapter, spacers, Kwik Stepper® Step Bit and steel case

GREENLEE TEXTRON INC.

Punch Dies

C-Frame

Item #	Conduit Size (in.)
GR12085	1
GR12086	¾
GR12087	½

GREENLEE

GREENLEE TEXTRON INC.

Hydraulic Hand Pump

- Use with 1/2" through 4" conduit size and other round sizes only
- Use with Greenlee standard round punches and dies (optional)

Item #
GR755

GREENLEE TEXTRON INC.

Oiltight Punch Units

- With notches
- Includes punch die and draw stud
- Maximum Mild Steel Capacity: 10 ga., Operation Type: Hand/ Hydraulic, Minimum Pilot Hole Diameter: .625 in.

Item #
GR60242

GREENLEE TEXTRON INC.

Keyway Punches

- Eliminates time consuming hand sawing and filing when making keyways for push button switches
- Use as a nibbler to make wider or deeper keyways
- Punches 1/8" (3.2 mm) or 3/16" (4.8 mm) keyways for 7/8" (22.5 mm) or 1-7/32" (30.5 mm) push button holes
- Capacity: 10 gauge (3.5 mm) mild steel

Item #
GR720

GREENLEE TEXTRON INC.

Plumber Stud Punch

- Punches 2-5/8" diameter hole in metal studs for professional looking installation of 2" water, vent, waste pipes
- Two-speed lever action for fast, easy punching of 24 to 20 gauge thick metal studs
- 2-1/8" throat width fits over most studs and channels

Item #
GR713

GREENLEE TEXTRON INC.

Metal Stud Punches

- Punch up through 20 gauge steel studs in one stroke
- Aluminum head provides strength with minimum weight, reducing operator fatigue
- Contoured handle design gives better operator leverage and makes it possible to punch in tight places
- Automatically centers holes on standard studs

Specifications:

- Capacity: 709 - 1-5/8" and wider studs, 20 gauge steel studs; 710 - 2-1/2" and wider studs, 20 gauge steel studs

Item #	Desc.
GR709	7/8" (22.2 mm) Diameter Stud Punch
GR710	1 11/32" (34.1 mm) Diameter Stud Punch

GREENLEE TEXTRON INC.

Stud Punches

Manual

- Punch up through 20 gauge steel studs in one stroke
- Unique patented punch rolls the edge over for smooth installation of armored cable; cable won't hang up
- Automatically centers holes on standard studs

Actual Hole Size: 1-1/4 in., Capacity: 24 - 20 ga.

Item #
GR724

GREENLEE TEXTRON INC.

Drill/Tap/Countersink Bits

- Material thickness - 10 gauge
- Material type - mild steel, copper, brass, aluminum
- Shank - 1/4" quick change hex

Item #	Size
GRDTAP3/8-16	3/8-16
GRDTAP5/16-18	5/16-18
GRDTAP1/4-20	1/4-20
GRDTAP10-24	10-24
GRGRDTAP12-24	12-24
GRDTAP6-32	6-32
GRDTAP8-32	8-32
GRDTAP10-32	10-32
GRDTAPKIT	

Kwik Stepper® Step Bits

- Unique split-tip design penetrates through steel faster.
- Resists walking or skidding, even on round surfaces.
- Balanced, double-flute construction requires less pressure, does the work for you.
- Designed and manufactured in USA.

CAT. NO.	UPC. NO.	DESCRIPTION
35884	35884	Kwik Stepper® Step Bit Kit
03607	03607	Kwik Stepper® Step Bit Kit

CAT. NO.	UPC. NO.	DESCRIPTION	03607	35884
34401	34401	1/2" Multi-Hole Step Bit	X	X
34403	34403	7/8" Multi-Hole Step Bit	X	X
30008	30008	1-1/8" Multi-Hole Step Bit		X
35936	35936	Plastic Case	X	X

SPECIFICATIONS	
Hole Sizes	From 1/8" to 1-3/8" (3.2 - 34.9 mm)
Capacity	Cut up through 3/8" (9.5 mm) mild steel, copper, brass, aluminum, wood, plastic and laminates

Single-hole bits are designed to drill one indicated hole size through a series of steps from bit tip to full size.

Multi-hole bits allow you to drill a hole in any of the stated diameters.

1/2" (12.7 mm) Single-Hole Step Bit

1/2" (12.7 mm) Multi-Hole Step Bit

1/2" (12.7 mm) Multi-Hole Step Bit

13/16" (20.6 mm) Multi-Hole Step Bit

7/8" (22.2 mm) Single-Hole Step Bit

7/8" (22.2 mm) Multi-Hole Step Bit

1-1/8" Electrician's Step Bit

1-3/8" (34.9 mm) Multi-Hole Step Bit

9.7 mm (.382") Multi-Hole Step Bit

30.5 mm (1.201") Multi-Hole Step Bit

32.5 mm (1.280")

SIZE		CAT./UPC NO.									Metric	
INCHES	mm	34410	34401	36402	30005	34411	34403	30008	36414	36018	36020	36022
1/8	3.2		X									
5/32	4.0		X									
3/16	4.8		X	X	X		X					
7/32	5.6		X									
1/4	6.4		X	X	X		X					
9/32	7.1		X									
5/16	7.9		X	X	X		X					
11/32	8.7		X									
3/8	9.5		X	X	X		X					
0.382	9.7										X	
13/32	10.3		X									
7/16	11.1		X	X	X		X					
15/32	11.9		X									
0.492	12.5										X	
1/2	12.7	X	X	X	X		X	X				
9/16	14.3				X		X					
0.598	15.2										X	
5/8	15.9				X		X					
0.638	16.2											X
11/16	17.5				X		X					
0.732	18.6										X	
3/4	19.1				X		X					
0.803	20.4										X	X
13/16	20.6				X		X					
7/8	22.2					X	X	X	X			
0.886	22.5										X	
1.00	25.4											X
1.114	28.3										X	
1 1/8	28.6							X	X			
1.201	30.5								X			
1 7/32	31.0								X			
1 1/4	31.8								X			
1.280	32.5											X
1 3/8	34.9								X			

GREENLEE

GREENLEE TEXTRON INC.

Step Bits

Kwik Stepper

- Unique split tip design penetrates through steel faster
- Resists walking or skidding, even on round surfaces
- Balanced double flute construction requires less pressure, does the work for you

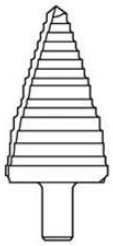
Specifications:

- Hole Sizes: From 1/8" through 1-3/8" (3.2 - 34.9 mm)
- Capacity: Cut up through 3/8" (9.5 mm) mild steel, copper, brass, aluminum, wood, plastic and laminates

Item #
GR35884

GREENLEE TEXTRON INC.

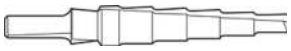
Multi-Hole Step Bits



Item #	Size (in.)
GR34401	½
GR34403	⅞
GR30008	1⅛

GREENLEE TEXTRON INC.

Multi-Hole Step Bits



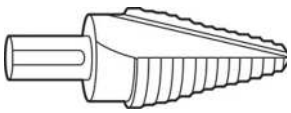
1/2" (12.7 mm) Multi-hole bits allow you to drill a hole in any of the stated diameters. 3/1 6" 4.8 mm 1/4" 6.4 mm 5/16" 7.9 mm 3/8" 9.5 mm 7/16" 11.1 mm 1/2" 12.7 mm.

- Unique split tip design penetrates through steel faster
- Resists walking or skidding, even on round surfaces
- Hole Sizes: From 3/16" through 1/2" (4.8 - 12.7 mm)
- Capacity: Cut up through 3/8" (9.5 mm) mild steel, copper, brass, aluminum, wood, plastic and laminates
- Overall Length 3-3/16" (81.0 mm)
- Minimum Chuck Size 1/4" (6.4 mm)

Item #
GR36402

GREENLEE TEXTRON INC.

Kwik Stepper Bit



- 7/8" (22.2 mm) Single-Hole bits
- Unique split tip design penetrates through steel faster
- Balanced, double-flute construction requires less pressure, does the work for you
- Overall Length: 2-3/16" (55.6 mm)
- Minimum Chuck Size: 3/8" (9.5 mm)
- Hole sizes: From 1/4 through 7/8 (6.4 - 22.2 mm)

Item #
GR34411

GREENLEE TEXTRON INC.

Multi-Hole Step Bits

1-3/8" Multi-hole bits allow you to drill a hole in any of the stated diameters. 7/8" (22.2 mm) 1-1/8" (28.6 mm) 1.201" (30.5 mm) 1-7/32" (31.0 mm) 1-1/4" (31.8 mm) 1-3/8" (34.9 mm)

- Unique split tip design penetrates through steel faster
- Balanced, double-flute construction requires less pressure, does the work for you
- Capacity: Cut up through 3/8' (9.5 mm) mild steel, copper, brass, aluminum, wood, plastic and laminates
- Overall length: 3-1/8' (79.4 mm)
- Minimum Chuck Size: 3/8' (9.5 mm)

Item #
GR36414

GREENLEE TEXTRON INC.

Power Bits

Big Shank Shorty

Nail Eater II®

- Self-feeding screw point draws bit through wood
- Unique patented design cutting angle - smoother starts, reduced cutting loads
- Made of super tough heat treated steel; cuts through nails and provides longer life
- "Shorty" bits - for working in tight places, yet still can go through three abutting 2 x 4's

Specifications:

- Overall length: 7-5/8" (19.37 cm)
- 7/16 (11.1) hex shank

Item #	Hole Dia.
GR62PTS-5/8	⅝
GR62PTS-11/16	11⁄16
GR62PTS-3/4	¾
GR62PTS-13/16	13⁄16
GR62PTS-7/8	⅞
GR62PTS-1	1
GR61/62PTS-1-1/8	1⅛
GR61/62PTS-1[1/4]	1¼

GREENLEE TEXTRON INC.

Combination Drill Bits

Type B - with Screw Points

D'versiBIT®

- For aggressive chip removal in many types of woods
- Screw point for easy starting and pulling through wood
- Bit Dia: 9/16"
- Shaft Length x Dia.: 54" x 1/4"

Item #
GR38103

GREENLEE TEXTRON INC.

Wood Boring Bits

Nail Eater II®

- Self-feeding screw point draws bit through wood
- Unique patented design cutting angle - smoother starts, reduced cutting loads
- Made of super tough heat treated steel; cuts through nails and provides longer life

Specifications:

- Overall Length: 18" (457.2 mm)
- Twist Length: 15" (381 mm)

Item #	Hole Diameter in. (mm)	Hex Shank in. (mm)
GR66PT-1/2	½ (12.7)	5⁄16 (7.9)
GR66PT-5/8	5⁄8 (15.9)	7⁄16 (11.1)
GR66PT-11/16	11⁄16 (17.5)	7⁄16 (11.1)
GR66PT-3/4	¾ (19.1)	7⁄16 (11.1)
GR66PT-13/16	13⁄16 (20.6)	7⁄16 (11.1)
GR66PT-7/8	7⁄8 (22.2)	7⁄16 (11.1)
GR66PT-15/16	15⁄16 (23.8)	7⁄16 (11.1)
GR66PT-1	1 (25.4)	7⁄16 (11.1)
GR66PT-1[1/8]	1⅛ (28.6)	7⁄16 (11.1)
GR66PT-1[1/4]	1¼ (31.8)	7⁄16 (11.1)

GREENLEE TEXTRON INC.

Impact Bits

Nail Eater II®

- Quickly bore through creosoted and salt treated utility poles
- Resists wear, eats through nails and staples
- Self-feeding screw point draws the bit through the wood
- 7/16" hex shank to fit impact drivers
- Overall Length: 18” (457.2 mm)

Item #	Hardware Diameter in. (mm)	Hole Diameter in. (mm)
GR37868	9⁄16 (14.3)	5⁄8 (15.9)
GR37869	11⁄16 (17.5)	¾ (19.1)

GREENLEE TEXTRON INC.

Pulling Grips

Wire & Cable

D’VersiGRIP

- D’VersiGRIP for pulling 3/4 in. (19.1 mm) OD wire with 3/4 in. to 1 in. (19.2 to 25.4 mm) bits

Item #
GR38693

GREENLEE TEXTRON INC.

Auger Bits

Type A

D'versiBIT®

- Wood-type auger bit with screw point
- Pulls itself through wood, avoids walking or skidding
- Excellent for drilling in soft woods or through thin sections
- Slow back-taper allows for easy retrieval

Item #	Bit Dia. (in.)	Color Code	Shaft Lgth. (in.)	Shaft Dia. (in.)
GR38068	3⁄8	Black	54	3⁄16
GR38083	¾	Red	54	¼
GR38088	1	White	54	¼

GREENLEE TEXTRON INC.

Combination Drill Bits

Type C

D'versiBIT®

- For drilling in tough woods and thick obstacles
- Drilling speed relative to pressure applied
- Chips can be brought easily out of the hole

Item #	Bit Dia. (in.)	Shaft Length (in.)	Shaft Dia. (in.)
GR38113	¼	54	5⁄32
GR38118	3⁄8	54	3⁄16
GR38119	3⁄8	72	3⁄16
GR38133	¾	54	¼

GREENLEE TEXTRON INC.

Starter Drill Bit Kit

D’VersiBIT®

- All the tools to complete a typical wiring job
- Includes 09-03-54B bit, 712P placement tool and 150 pulling grip

Item #
GRDBITKIT

GREENLEE TEXTRON INC.

Keyhole Saws

- Hack saw frames and blades
- Hardened steel blade makes cutting drywall, cement board, plastic and wood quick and easy

Item #
GR301

GREENLEE

GREENLEE TEXTRON INC.

Hole Cutter Kits

Carbide-Tipped

- Multiple tungsten carbide tips for long life and smooth cutting
- Cut fast, accurate, high quality holes in stainless steel, copper, aluminum, steel
- Flange stop prevents over drilling

Specifications:

- Maximum Cutting Depth: 8 ga (4 mm)
- Kit Description: 7/8", 1-1/8", 1-3/8" cutterheads; pilot drill, hey key and case

Item #
GR635

GREENLEE TEXTRON INC.

Hole Saws

Quick Cutter™

- Quickest, most affordable way to cut perfect holes in drywall and ceiling tile
- Cuts clean, precise holes that ensure no light leakage or poor-fitting installations
- Dedicated arbor and pilot drill eliminates changeover time

Item #	Desc.
GR06923	Recessed Hole Saw, Adjustable 2½" to 7" Cuts 2½" to 7" Diameter Holes in Increments of ½"

GREENLEE TEXTRON INC.

Aluminum Hand Benders

SITE-RITE®

- Superior, patented Site-Rite® sighting system featuring cast-in, readable markings on the bender heads and a finish that provides for the best visibility in low-light
- Cast-in markings for accurate head-down and head-up bending as well as for producing stub-ups, offsets, saddles and back to back bends

Item #	Desc.
GR840A	½" EMT
GR841A	¾" EMT
GR842A	1" EMT
GR843A	1¼" EMT

GREENLEE TEXTRON INC.

Hickeys with Welded Handles

- Heavy-duty cast steel head
- Welded steel handle
- Bend tight radius stub-ups
- 1/2 - 1 Rigid

Item #	Desc.
GR508	Hickey for ½ Rigid
GR512	Hickey for ¾ Rigid
GR516	Hickey for 1 Rigid

GREENLEE TEXTRON INC.

Offset Benders

Little Kicker®

- Bends offsets in one easy operation; insert conduit, depress handle completely, release and remove conduit
- Makes identical offsets every time for wall mounted boxes with exposed conduit

Item #	Desc.	Capacity (in.)
GR1810	Offset Bender for ½ in. EMT	1/2 EMT
GR1811	Offset Bender for ¾ in. EMT	3/4 EMT

GREENLEE TEXTRON INC.

Conduit Benders

855GX, Intellibender™

- Save time by eliminating bending calculations via the easy to use LCD interface to program 7 different bends with ability to save 3 locally or unlimited number to USB memory stick for recall later or to transfer to another 855GX bender
- Avoid scrap and speed bending with the patent pending auto conduit size and conduit type smart sensors
- Complete capability to bend 3/4" Rigid & 1 - 2" EMT/IMC/Rigid with no loose parts
- Superior portability, stability and on-board storage via fork tubes, hoist bar, large wheels, wheel brake bar, storage box and tray
- Quick pivot for changing between vertical and horizontal orientations (patent pending)
- Greater up-time with patent pending solid state controls utilizing current-limiting technology eliminates welded relay contact failures
- Ability to handle a wide range of job site power sources including generators and strong weatherability gives greater uptime and longer motor life as well as protects the electronics
- 120 VAC, 20A

Item #
GR855GX

GREENLEE TEXTRON INC.

Mechanical Benders

Mechanical benders for IMC and rigid conduit.

- Ratchet action for increased leverage
- Bypass the ratchet for fast, direct bending on small sizes
- Built-in bending degree indicator and easy to use bending charts for accurate, consistent bends; centerline bending radii for 1-1/2" Rigid conduit size 9-11/16" (246.1 mm)

Item #	Desc.	Rigid Conduit Size (in.)	Capacity	Centerline Bending Radii for 1 in. Rigid Conduit in. (mm)	Centerline Bending Radii for 1¼ in. Rigid Conduit in. (mm)	Centerline Bending Radii for ½ in. Rigid Conduit in. (mm)	Centerline Bending Radii for ¾ in. Rigid Conduit in. (mm)
GR1800	Mechanical Bender for ½ in., ¾ in., 1 in. IMC & Rigid Conduit	½, ¾, 1	½ in., ¾ in. & 1 in. IMC & Rigid	5⅞ (149.2)		2⅝ (66.7)	4⅝ (117.5)
GR1801	Mechanical Bender for 1¼ in., 1½ in. IMC & Rigid Conduit	1¼, 1½	1¼ in. & 1½ in. IMC & Rigid		8 1/16 (204.8)		

GREENLEE TEXTRON INC.

Mechanical Benders

Mechanical benders for EMT, IMC, rigid and aluminum conduit.

- Bends a wide variety of types and sizes of conduit
- Durable ratchet mechanism for easy bending
- Bypass the ratchet for fast, direct bending on smaller sizes
- Bending degree indicator and charts for fast, easy, accurate bending
- All shoe and bending accessories can be mounted to the frame unit and secured with a chain and lock
- Heavy-duty undercarriage with wheels

Item #	Desc.
GR1818	Mechanical Bender for ¾ in. Through 2 in. EMT Conduit, ½ in. Through 1¼ in. IMC Conduit and ½ in. Through 1½ in. Rigid and Aluminum Conduit

GREENLEE TEXTRON INC.

40 MIL PVC Coated Rigid Shoe Group

- Smooth wrinkle-free bends
- Capacity 1" - 2" EMT, IMC, and Rigid conduit

Item #
GR37279

GREENLEE TEXTRON INC.

Electric Conduit Bender

555C

Classic Electric Bender power unit without bending accessories

- The 555C Classic Series features simple relay controls for easy field repairs, and compact handle design to prevent interference with conduit when bending
- Power source: 120 VAC; 20 amp GFCI-protected receptacle

Item #
GR555C

GREENLEE TEXTRON INC.

Conduit Benders

555CX

- Most cost effective non-programmable bender - only need 2 shoes instead of 7 to bend all ¾ - 2" EMT, IMC, Steel Rigid, Aluminum Rigid, Stainless Steel Rigid and PVC Coated Steel Rigid conduits
- Fully backwards compatible with existing shoes
- Same core frame and core control advantages found on the 855GX
- 555DX has absolute encoder to provide ease for repeated bends with digital angle readout on pendant and jogging capability
- Robust patent pending pendant with rare earth magnets to hold strong and impact resistant housing with over molding and cord strain relief
- 120 VAC, 20A

Item #
GR555CX

GREENLEE

GREENLEE TEXTRON INC.

Conduit Benders

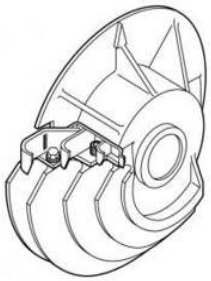
555DX

- Most cost effective non-programmable bender - only need 2 shoes instead of 7 to bend all ¾ - 2" EMT, IMC, Steel Rigid, Aluminum Rigid, Stainless Steel Rigid and PVC Coated Steel Rigid conduits
- Fully backwards compatible with existing shoes
- Same core frame and core control advantages found on the 855GX
- 555DX has absolute encoder to provide ease for repeated bends with digital angle readout on pendant and jogging capability
- Robust patent pending pendant with rare earth magnets to hold strong and impact resistant housing with over molding and cord strain relief
- 120 VAC, 20A

Item #
GR555DX

GREENLEE TEXTRON INC.

EMT Bending Shoe

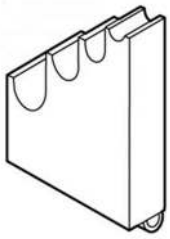


- 1/2" through 1-1/4" EMT bending shoe

Item #
GR17944

GREENLEE TEXTRON INC.

Support Roller



- 1/2" through 1-1/4" support roller

Item #
GR17986
GR17979

GREENLEE TEXTRON INC.

Bending Table

- Strong, portable pin-assembled aluminum components; easy-to-use ram travel scale and bending charts
- Conduit supports index to suit all sizes

Item #
GR1802

GREENLEE TEXTRON INC.

Conduit Benders

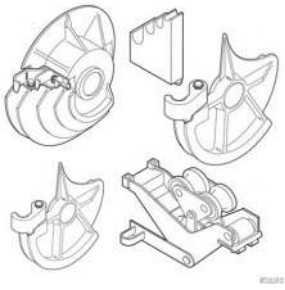
Cam Track®

- One bender to bend EMT, IMC and Rigid conduit
- Fast and easy set-up on the job-site
- True one shot 90° bends with CT models for quick accurate bends
- Steel reinforced follow bars for long life
- Bend a 90° elbow in 4" rigid conduit in 95 seconds
- Optional 1813 bending table and accessories for easier operation
- Capacity: 2-1/2" - 4 EMT, IMC and Rigid

Item #	Desc.
GR881CT	Conduit Bender for One Shot 90 deg. Bends in 2½ in., 3 in., 3½ in. and 4 in. EMT, IMC and Rigid Conduit, without Hydraulic Pump

GREENLEE TEXTRON INC.

Bending Shoe Group

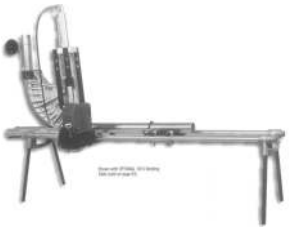


- For use with the 555 Series Deluxe Electric Conduit Benders and the 555C Series Classic Electric Conduit Benders
- To bend IMC conduit you must use the 26330 IMC Shoe Group
- To bend Rigid conduit you must use the 28007 Rigid Shoe Group
- 17944 - 1/2" through 1-1/4" EMT bending shoe
- 17986 - 1/2" through 1-1/4" support roller
- 23499 - 1-1/2" EMT bending shoe
- 23505 - 2" EMT bending shoe
- 23541 - 1-1/2" through 2" roller support unit
- 1723 (23818) - Metal storage box

Item #	Desc.
GR23802	½-2 EMT
GR28007	½-2 Ridgid

GREENLEE TEXTRON INC.

Conduit Benders



For 881CT-E980:

- One bender to bend EMT, IMC and rigid conduit
- Fast and easy set-up on the job-site
- Steel reinforced follow bars for long life
- Bend a 90° elbow in 4" rigid conduit in 95 seconds

Item #	Desc.
GR1813	Bending Table for 881 Series Bender

GREENLEE TEXTRON INC.

Angle Protractors

- Description: With magnetic base

Item #
GR1895

GREENLEE TEXTRON INC.

Heating Blankets

- Make bends, offsets or saddles in PVC fast and easy
- Easy to use: wrap blanket around PVC, secure with hook and loop strap; built-in stiffeners help keep the blanket tight to the PVC strap; remove blanket and form bend by bend
- Controlled, even heating for uniform bending
- Heavy-duty cord and thermostat for long life
- Temperature over 300°F (149°C)

Item #	Desc.	Capacity
GR860-1[1/2]	For up to 1½ in.	Up to 1½ in. PVC All Schedules
GR860-3	For 2 in. - 3 in.	2 in. - 3 in. PVC All Schedules
GR860-4	For 3½ in. & 4 in.	3½ - 4 in. PVC All Schedules

GREENLEE TEXTRON INC.

Electric PVC Heater/Bender

For 1/2" - 2", All Schedules

- Easy to use: preheat for 10 minutes, insert PVC, rotate until pliable, remove and form bend
- Sturdy double wall metal with fiberglass insulation and reflective interior for fast, even heat
- Full length door for easy PVC loading and removal
- Other features include on/off switch, pilot light and carrying handle

Item #
GR849

GREENLEE TEXTRON INC.

PVC Plug Set

- Use with PVC Heating Blankets or Electric Heaters to plug the ends of the PVC being heated; the trapped air will help keep the PVC from collapsing while forming the bend
- Use on Schedule 40 and 80 PVC
- Available in 2" - 4" set or individual sizes 2" - 6"

Item #
GR859-4

GREENLEE TEXTRON INC.

Electric PVC Heater/Bender

For 1/2" - 4", All Schedules

- Electric PVC heater/bender for 1/2" - 4", all schedules
- Full length door for easy loading and unloading
- Sturdy wheels for easy mobility
- Use two units in tandem to heat large sweep bends

Item #
GR851

GREENLEE TEXTRON INC.

Electric PVC Heater/Bender

For 1/2" - 6", All Schedules

- Easy to use: preheat for 10 minutes, open lid and position PVC, close lid, rotate until pliable, open lid, remove PVC and form bend
- 848 model has motorized rotation
- Heavy duty metal construction with reflective interior for fast, efficient heating
- Has heating chart, timer, and on/off switch with indicator light for added convenience
- Double doors with piano hinges allow heating shorter lengths with one door open

Item #
GR848

GREENLEE TEXTRON INC.

Fiberglass Tip Kit

- .175" (4.4 mm) pulling eye repair kit
- Includes (1) pulling eye and adhesive

Item #
GR10565

GREENLEE TEXTRON INC.

Fish Tape

Nylon

- For use with most electrical wire and coaxial cable
- Tensile strength: 250 lbs.
- Reel type: Winder slide
- Winder case, case Dia. 13", case material plastic
- Dia.: 3/16"
- Length: 100'

Item #
GRFTN536-100

GREENLEE TEXTRON INC.

Fish Tapes

Oil-Tempered Spring Steel

MagnumPro™

- Advanced comfort grip and rugged case design (Patent Pending)
- Superior rapid grip tape payout and rewind (Patent Pending)
- Viewing ports to see amount of tape in case and allow quick debris removal
- Used for general fishing in conduit
- Improved low profile tip for easy fishing through all sizes of conduit
- Available in 50', 65', 125' and 240' lengths
- 1/8", 1/4" and flat steel profiles to accommodate different fishing situations

Item #	Desc.
GRFTS438-65	Steel Fish Tape - ⅛" x 65'
GRRS438-65	Replacement Steel Tape - 65' (No Case)
GRFTS438-125	Steel Fish Tape - ⅛" 125'
GRRS438-125	Replacement Steel Tape - 125' (No Case)
GRFTS438-240	Steel Fish Tape - ⅛" x 240'
GRRS438-240	Replacement Steel Tape - 240' (No Case)
GRFTS438W-100	Steel Fish Tape - ¼" x 100'

Accessories

GR439-1	12" Flexible Fish Tape Leader

GREENLEE TEXTRON INC.

Glo Fish Stix

- Luminescent fiberglass stix for better visibility when fishing above dark ceilings, up walls or below raised floors
- Overall Length - 15'
- Section Length - (3) 5 ft. sections

Item #
GR540-12

GREENLEE TEXTRON INC.

Fish Stix

EZ Reach™

- High visible green color rods can be easily threaded and seen when working above ceilings, down walls, or under raised floors
- 1/4" diameter fiberglass rods provide added rigidity when multiple sections are connected
- 200 lbs. minimum pulling strength for long lasting durability and peace of mind

Item #	Desc.
GR540-24	24 ft. Kit with Bullet Nose and "J" Hook Threaded Tips

GREENLEE TEXTRON INC.

24' Fish Pole

Push or pull wires over long distances including suspended ceilings, sub-floors, crawl spaces and attics. Non-conductive, high-impact construction for long life.

- Specialized hook can be used to install wires in suspended ceilings
- Collapses to 50" x 2.25" and uses friction-locking system
- Extended length: 24' (7.31m)
- Collapsed length: 50" (1270mm)

Item #
GR10443

GREENLEE TEXTRON INC.

Poly Line

- Use with power fishing systems directly from the container
- Handy reusable plastic dispenser pail with handle keeps the line dry

Item #	Desc.	Weight (lbs.)
GR430	6500'	210
GR431	5200'	240

GREENLEE TEXTRON INC.

Vacuum/Blower Power Fishing System

- Rugged, self-contained unit includes everything you need to blow or vacuum fish line, poly line or measuring tape
- Durable tank and accessory storage box are corrosion, chemical and impact resistant polyethylene
- Designed for the job site, 10' (3.05 m) long hose, large heavy-duty wheels and removable accessory box
- Large 11 gallon (41.6 L) tank makes the 690 excellent for vacuuming water and debris

Item #
GR690

GREENLEE TEXTRON INC.

Fish Lines

- Strong, lightweight nylon
- Mildew resistant, can be pulled into the run with the wire to provide a means to add wires later

Item #	Strength (lbs.)	Strength (N)	Length (ft.)	Length (m)
GR595	85	378	2150	655
GR604	85	378	2200	670
GR607	90	400	1350	411

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

GREENLEE TEXTRON INC.

Power Fishing System

Li'l Fisher™ 390

- Includes only unit and hose
- 1/2"-2" conduit capacity

Contains:

- 2150' of fish line
- 6 pistons - 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
- Adjustment nozzle for measuring tape
- 3 fish line packages 1/2", 3/4", 1"
- 2 case adapters
- Accessory container & lid

Item #
GR390

GREENLEE TEXTRON INC.

Blower Power Fishing Systems

Portable

- Powerful, will blow line or measuring tape in up to 6" conduit
- Efficient, includes the Mighty Mouser® blow gun for fast, easy line blowing
- Includes: Blow gun, fishing line, pistons for 1/2" - 4" conduits, adapter cones, flexible hose, hose clamp, storage box, adapter nozzle for tape and line, portable blower, flexible hose
- Capacity: 1/2" - 4" conduit (5" and 6" with optional pistons)

Item #
GR591

GREENLEE TEXTRON INC.

Piston Foam Sets

- Use with blower or vacuum power fishing system to pioneer the line through the conduit run; flexible foam body for an air-tight seal
- Color-coded end disk with embossed size markings for fast, easy selection
- Include Sizes: 1/2", 3/4", 1", 1-1/4", 1-1/2" and 2" EMT, IMC and Rigid

Item #
GRS2613

GREENLEE TEXTRON INC.

Conduit Pistons

- Use with blower or vacuum power fishing system to pioneer the line through the conduit run
- Flexible foam body for an air-tight seal
- Color-coded end disk with embossed size markings for fast, easy selection

Item #	Conduit Size (in.)	Conduit Type	Color
GR609	¾	All	Green
GR610	1		
GR611	1¼	All	Green
GR612	1½	All	Green
GR613	2	All	Green
GR614	2½	IMC, Rigid	Green
GR621	2½	EMT	Yellow
GR615	3	IMC, Rigid	Green
GR622	3	EMT	Yellow
GR616	3½	IMC, Rigid	Green
GR643	3½	EMT	Yellow
GR617	4	IMC, Rigid	Green
GR623	4	EMT	Yellow
GR618	5	All	Green
GR619	6	All	Green

GREENLEE TEXTRON INC.

Cable Feeders

Ultra Cable Feeders™

- Feeds cable at variable speeds to match the speed of cable puller
- Accommodates cable ranging in size up to 3.5" (88.9 mm) in diameter
- Sets up easily and can be operated by just one person
- Dual motors drive each wheel for traction on both sides of the cable
- An optional foot switch is available to control feeding

Specifications:

- Power Supply: 115 VAC, 15 amps, 60 Hz
- Speed: 4-36 feet per minute (1.2-11 meters per minute)
- Maximum Tractive Force: Single Cable - 200 lbs. (.9 kN), All cables - 800 lbs. (3.5 kN)
- Cable Capacity: 8 x 250 MCM (120 mmð), 6 x 500 MCM (240 mmð), 5 x 750 MCM (300 mmð)

Item #
GR6810

GREENLEE

GREENLEE TEXTRON INC.

Foot Switch

For Cable Pullers

- Use with 640, 2001, 6001, 6500, or 6800 cable pullers to add foot control
- Foot pressure required to operate

Item #
GR445

GREENLEE TEXTRON INC.

Cable Puller

Ultra Tugger 2

UT-2

Pulling Capabilities:

- 3 x 500 kcmil cable 500' with 2 x 90 deg. bends
- 3 x 500 kcmil cable 250' with 4 x 90 deg. bends
- 8 x 4/0 AWG cable 300' with 3 x 90 deg. bends

Item #
GRUT-2

GREENLEE TEXTRON INC.

Cable Puller

UT-4

- 4,000 lb. pulling force
- Two pulling speeds
- Equipped with pull force gauge and foot switch
- Dedicated pulling motor

Item #
GRUT-4

GREENLEE TEXTRON INC.

Hook-Type Sheaves

- Forged steel closure type hooks with 1” opening
- Maximum Rated Capacity: 8,000 lbs.

Item #	O.D. (in.)	Inside Radius (in.)	Width (in.)
GR8012	12	3⅞	5
GR8018	18	7	6
GR8024	24	9⅞	6½

GREENLEE TEXTRON INC.

Cable Puller

Ultra Tugger®

- Ultra Tugger® Cable Puller with Standard Force Gauge, Floor Mount, Versi-Boom™ System and “T” Stand includes Extensions and 3”, 3-1/2” & 4” slip-on Couplers, Elbow, Wheeled Carriage, Screw-on Couplers, or Rope.
- Pulls up to 8,000 lbs. Versi-Boom™ System allows you to make versatile and fast set-ups and pull 10' or 20' of extra cable easily. Uses standard 3' rigid steel conduit for boom. Direct gear drive. Lightweight. Portable. Optional deluxe force gauge.
- Drive Motor 1-1/2 Horsepower
- Pulling Force Maximum - 8,000 lbs., Continuous - 6,500 lbs.
- Rated at 32,000 lbs.

Item #
GR6805A

GREENLEE TEXTRON INC.

Adapter Sheaves

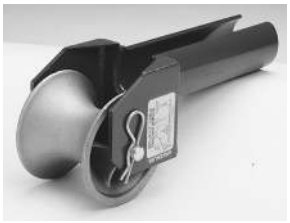
Flexible

- Use to attach to the conduit in conjunction with adapter sheave for easier set-ups
- Helps eliminate strain on hangers and boxes
- Maximum Rated Capacity: 6,500 lbs. (28.9 kN)

Item #
GR608

GREENLEE TEXTRON INC.

Feeding Sheaves



- Yoke frame slides into the end of conduit and holds sheave, allowing the cable being fed into the conduit to smoothly roll over the sheave
- 5" wide aluminum alloy sheave with self-lubricating bearings
- Split tube for easy removal after cable is installed

Item #	Desc.
GR441-2	Feeding Sheave for 2" conduit
GR441-3	Feeding Sheave for 3" conduit
GR411-3-1/2	Feeding Sheave for 3½" conduit
GR441-4	Feeding Sheave for 4" conduit

GREENLEE

GREENLEE TEXTRON INC.

Feeding Sheaves

Tray-Type

Steel frame easily attaches to cable tray up to 2" thick. Helps roll and guide tray pulls. Make tray pulls easier. 5" wide aluminum alloy sheaves with self lubricating bearings.

Item #	Length (in.)
GR659	22
GR658	12

GREENLEE TEXTRON INC.

Measuring Tape and Dispenser

Conduit

- Fish and measure conduit runs in one operation
- Permanently printed measurements every foot from zero to 3000' (914 m)

Size:

- 3/16" x 3000' (4.8 mm x 914 m)

Capacity:

- 130 Lbs. (578 N) average breaking strength

Item #
GR435

GREENLEE TEXTRON INC.

Conduit Dispenser

- Pay-out dispenser for 435 conduit measuring tape

Item #
GR434

GREENLEE TEXTRON INC.

Rope Stands

- Use to organize and rewind rope
- Welded steel with washer and spring clip to hold rope reel on stand

Item #	Rope Length ft. (m)
GR405	250 (76), 600 (182)
GR654	300 (91), 600 (182)

GREENLEE TEXTRON INC.

Ultra Glider

With Threaded Applicator Kit

- Applies lube more evenly around the cable and more consistently than can be done by hand; this reduces the force required by the cable puller and reduces the chance for damage to the cable
- During a cable pull, the person feeding the cable usually can operate the Ultra Glider, which reduces the need for one person on the job

Item #
GRUG511T

GREENLEE TEXTRON INC.

Cable Pulling Lubricants

Cable-Cream™

- Advanced formula, light yellow cream makes pulling faster and easier
- Compatible with all cable insulation types
- Dries slowly to a thin, non-conductive, non-hardening residue

Item #	Desc.
GRCRM-Q	One Quart Squeeze Bottle (.95 l)
GRCRM-1	One Gallon (3.79 l)
GRCRM-5	5 Gallons (18.93 l)

GREENLEE TEXTRON INC.

Cable Pulling Lubricants

Fiber-Gel™

- Synthetic gel is specially designed for lightweight fast pulling of fiber optic cables; compatible with all cable jackets

Item #	Size
GRFIBR-Q	One Quart Squeeze Bottle
GRFIBR-1	One Gallon

GREENLEE TEXTRON INC.

Rope Clevis

For Flexible Eye Grips

- Removable bolt and rope sheave, removable grip eye bolt
- Select the clevis with a rating that meets or exceeds the cable puller's maximum pulling force
- Removable sheave for rope eye

Item #
GR678

GREENLEE

GREENLEE TEXTRON INC.

Pulling Grips

Set Screw Clamp

- Pulling Grip with Clevis includes 624S, 624L and 678 clevis - 4 clamp
- Use to pull in 2" (50.8 mm) or larger conduit

Item #
GR629

GREENLEE TEXTRON INC.

Pulling Grips

- Use to pull in 2" or larger conduit
- Type of grip: Flexible eye 1/4" diameter galvanized steel aircraft cable connected to 2 cable receptacles with 5/8" diameter opening and 2 clamping set screws

Item #
GR624

GREENLEE TEXTRON INC.

Pulling Grips

Set Screw Clamp Type

- Use to pull in 2" or larger conduit
- Type of grip: Flexible eye 1/4" diameter galvanized steel aircraft cable connected to a cable receptacle with a 5/8" diameter opening and 2 clamping set screws

Item #
GR504

GREENLEE TEXTRON INC.

Pulling Grips

T-Basket Type

- Use to pull in: conduit or tray
- Type of grip: double weave galvanized steel mesh with flexible pulling eye
- Select the grip with a maximum rated capacity that meets or exceeds the cable puller's maximum pulling force
- Cable Diameter Range: Inch - 1.00 - 1.49 mm - 25.4 - 38.0

Item #
Standard
GR30578

GREENLEE TEXTRON INC.

Pulling Grip Sets

Basket Type

- Basket type pulling grip sets

Item #	Desc.	Capacity
GR30758	Building Wire Junior Grip Set - Diameter Range .25 in. - 1.24 in. (6.4 - 31.5 mm)	(2) #14 to 4 1/0, .25 in. - 1.24 in. (6.4 - 31.5 mm) Diameter
GR597	T-Type Grip Set - Diameter Range .75 in. - 1.99 in. (19 - 50.5 mm)	3-1/0 to 250 MCM, .75 in. - 1.99 in. (1.9 - 50.5 mm) Diameter
GR599	T-Type Grip Set - Diameter Range .75 in. - 2.99 in. (19 - 75.9 mm)	3-1/0 to 3-750 MCM, .75 in. - 2.99 in. (1.9 - 75.9 mm) Diameter

GREENLEE TEXTRON INC.

Battery-Powered CCX Tools

Gator-Pro™

- 360° rotating head adjusts to work position
- Cycles in seconds with two-speed hydraulic pump, maximizing productivity
- Automatic retraction when crimping and cutting cycles are complete
- Uses all optional CCX blades and adapters
- Includes two batteries, a choice of either a 120V, 12V or 230V one-hour charger, and a high-impact molded carrying case

Item #	Desc.
GRECCX11	120 V Charger

GREENLEE TEXTRON INC.

Battery-Powered Cable Cutters

Gator-Plus™

- Ram automatically retracts after the cut is complete, no need to push a retract lever
- Two-speed pump advances the ram quickly to start the cut
- Lightweight and easy to use
- Cutting head rotates 360° for making cuts in tight locations, flips open to make mid-span cuts easy
- Cutting Capacity: 2 in. (50 mm) diameter Al or Cu cable

Item #
GRESG50GL11

GREENLEE TEXTRON INC.

Heavy-Duty Cable Cutters

Ratchet

- Ratchet action for heavy-duty cutting
- Two cutting actions - fast scissor cutting for small cable and insulation; converts automatically to ratchet mode
- Anti-slip mechanism for positive ratchet action

Copper Maximum Frequent Use:

- 1500 MCM (800 mm2)

Aluminum Maximum Frequent Use:

- 1500 MCM (800 mm2)

Item #
GR756

GREENLEE TEXTRON INC.

Cable Cutter

No. 718

- Heat-treated, precision ground, shear action blades
- Steel handles with rubber grips for leverage

Copper Maximum Frequent Use:

- 350 MCM (150 mm2)
- 4/0 (95 mm2)

Aluminum Maximum Frequent Use:

- 350 MCM (150 mm2)

Item #
GR718

GREENLEE TEXTRON INC.

Cable Cutters

High Performance Ratchet

- Two-speed mechanism saves cutting time by closing the blades rapidly and shifting to normal speed to perform the cut
- Narrow profile permits use in deep boxes, against walls, or on floors
- Maximum Copper Capacity: 750 kcmil (MCM) (400 sq. mm), Frequent use Copper Capacity: 500 kcmil (MCM) (240 sq. mm), Maximum Aluminum Capacity: 795 kcmil (MCM) (400 sq. mm), Frequent use Aluminum Capacity: 750 kcmil (MCM) (400 sq. mm)

Item #
GR774

GREENLEE TEXTRON INC.

Cable Cutter

No. 727

- Heavy-duty forged steel to cut copper or aluminum
- Heat treated, precision machined, shear action blades

Capacity:

- Copper
- Aluminum

Maximum Frequent Use:

- 2/0 (50 mm2) #1 AWG (35 mm2)
- 2/0 (50 mm2)

Item #
GR727

GREENLEE TEXTRON INC.

Cable Cutter

Hydraulic

- Flip open head provides strength while making it easy to cut long lengths; head rotates 180°
- Thumb release lever for quick blade retraction
- ACSR: 336.4 kcmil (MCM) Standard Guy Wire, Ground Rod, Rebar: 1/2" (13 mm) Soft Steel Bolts: 11/16" (17 mm) Wire Rope: 3/4" (19 mm)

Item #
GRHK520

Edge Rents & Repairs Greenlee Equipment

GREENLEE TEXTRON INC.

Cable Cutters

Performance Ratchet

- Performance ratchet cable cutter
- Simple, one-hand operation
- Two-speed ratchet mechanism adjust for light/heavy cutting
- Well-suited for tight work spaces

Item #	Capacity Copper Maximum	Capacity Aluminum Maximum	Capacity Communications Cable Maximum
GR45206	600 MCM (300 mmð)	600 MCM (300 mmð)	1⅜ in. (35 mm) Dia.
GR45207	750 MCM (400 mmð)	1000 MCM (500 mmð)	2 in. (50 mm) Dia.

GREENLEE TEXTRON INC.

Compact Ratchet Cable Cutters

- Simple, one-hand operation
- Compact - convenient for working in tight places and stores easily in tool pouches
- Single speed ratchet mechanism
- Blade release allows blades to be opened in mid-cut

Item #	Maximum Copper Capacity	Maximum Aluminum Capacity	Frequent Use Copper Capacity	Frequent Use Aluminum Capacity
GR759	500 kcmil (MCM) (240 sq. mm)	750 kcmil (MCM) (400 sq. mm)	400 kcmil (MCM) (185 sq. mm)	600 kcmil (MCM) (300 sq. mm)

GREENLEE TEXTRON INC.

Cable Cutters

Heavy-Duty

- Strong, lightweight fiberglass handles
- Adjustable pivot bolt provides for blade adjustment
- Replaceable, forged, heat treated, and precision ground blades

Item #	Desc.	Maximum Copper Capacity	Maximum Aluminum Capacity	Communications Cable
GR704		350 kcmil (MCM) (150 sq. mm)	500 kcmil (MCM) (240 sq. mm)	1¼ in. (32 mm) Dia.
GR706		750 kcmil (MCM) (400 sq. mm)	1000 kcmil (MCM) (500 sq. mm)	1½ in. (38 mm) Dia.
GR22292	706 Cutter Unit (Includes 2 Blades)			

GREENLEE TEXTRON INC.

Battery-Powered Crimping Tools

Gator-Plus™

- Three crimping head choices: EK1230 for industry "U" type dies with 1.20" (30 mm) opening, EK1240 for industry "U" type dies with 1.65" (42 mm) opening, and EK1240K for Kearney PH2 type dies
- New head designs result in lower weight and improved durability - tested to 50,000 crimp cycles
- Two-speed pump to reduce cycle time
- Ram automatically retracts when crimp cycle is complete - a Greenlee exclusive
- Crimping heads rotate 360°

Capacity: EK1240K - ASCR terminals 1033 kcmil (MCM), ASCR tension fittings 477 kcmil (MCM), Crimping Force: 106 kN

Item #	Length in. (mm)	Desc.
GREK124011	15¼ (387)	12-Ton, 1.65 in. (42 mm) Opening, 120 V Charger

GREENLEE

GREENLEE TEXTRON INC.

Crimping Tools

Full Cycle Mechanism

- UL classified and CSA certified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union copper connectors; crimps all the popular small to mid-range copper connector sizes
- Long length results in low handle efforts
- Color-coded, hexa¾nal rotating dies
- Capacity: 8 AWG - 4/0 AWG Copper

Item #
GRK09-2SPGL

GREENLEE TEXTRON INC.

Ratchet Cable Bender

- Simplifies and speeds cable installation
- 10" (254 mm) ratchet extension is furnished to simplify bending in deep enclosures
- Includes ratchet wrench, L-wrench, ratchet extensoin, bending shoe assembly and storage box

Item #
GR796

GREENLEE TEXTRON INC.

Cable Strippers

Adjustable

- For mid-span and end termination; strips TW, THW, THWN, THHN and similar single layer insulation
- Fast-close jaws and twist; quick size and insulation adjustments
- Capacity 1/0 - 1000 kcmil (MCM); insulation rated 600 VAC

Item #
GR1905

GREENLEE TEXTRON INC.

Pocket Cable Strippers

- Stripping tool
- For power and telecommunications cables
- Capacity: 3/16" - 1-1/8" dia. (#8 AWG-600 kcmil (MCM) THHN)

Item #
GR1900

GREENLEE TEXTRON INC.

Non-Contact Voltage Detectors

- Automatic self-test verifies the integrity of the unit
- Bright LEDs and audible alarm sound if voltage is present
- Silent-mode feature for use in quiet settings
- Safe, non-contact voltage detection
- Use to detect voltage in outlets, lighting fixtures, circuit breakers, wires, and cables or to find a break in a wire.
- Automatically turns off after five minutes of non-use to conserve battery life
- Low battery indicator

Specifications:

- Voltage Detection: 50V – 1000VAC
- Frequency: 50-500 Hz
- Measurement Category: CAT IV, 1000V

Item #
GRGT-12

GREENLEE TEXTRON INC.

Digital Multimeter

- Auto and manual ranging
- Non-contact and single-probe voltage detection
- Beep-Jack™ audible and visible warning to guard against improper A and mA terminal plug in
- High visibility 6000 count LCD display
- Capacitance and temperature measurement capability
- Low impedance mode
- AutoCHECK ™ feature provides automatic selection of AC volts, DC volts, or resistance with low impedance for ghost-voltage elimination
- True RMS
- Peak (crest) hold; min, max
- Auto power off, display backlight, analog bar graph
- PC interface capability using optional USB RS-232 cable with data recording PC software
- Lifetime Limited Warranty
- Voltage Measurement: 60mV to 1000V AC/DC
- Amperage Measurement: 600mA to 8A AC/DC
- Resistance: 600¾ to 60M¾
- Frequency (Hz): 50 ~ 400
- Measurement Category: Cat IV 300V; Cat III 600V, Cat II 1000V

Item #
GRDM-510A

GREENLEE

GREENLEE TEXTRON INC.

Ranging Multimeter

Manual

- Multi-purpose meter for most electrical needs. Includes elastomer boot to protect meter from damage. AC/DC voltage, DC amperage measurement. Temperature measurement. Audible continuity and diode tests. Tests 1.5V and 9V batteries.
- Voltage measurement: AC V: 200.0, 600 V; DC V: 200.0, 2000 mV; 20.00, 200.0, 600V Amperage Measurement: DC A: 20.00, 200.0 mA Temperature measurement: -40 to 1832 F, (-40 to 1000 C) Measurement Category: CAT III, 300V; CAT II, 600V

Item #

GRDM-40

GREENLEE TEXTRON INC.

Clamp-On Meters

- True RMS for the most accurate measurement when harmonics are present
- AC amperage, AC/DC voltage, frequency and resistance measuring capability
- Dual hall sensor for DC amperage accuracy
- Easy to read backlit display for use in low light conditions
- Peak and data hold to capture measurement
- Min/Max feature for added versatility
- Analog bar graph to view quick changes
- Auto zero for DCA measurement
- Amperage Measurement: 400.0; 600 A, Voltage Measurement: 400.0; 600 V, Resistance: 400.0 Ohms, Frequency: 0.400 kHz, Display: 4000 count LCD display, Jaw Opening: 1.38 in. (35 mm), Measurement Category: Cat III; 600 V per UL 3111-1

Item #

GRCM-950

GREENLEE TEXTRON INC.

Pipe and Wire Locater

Tracker II™

- Traces the path and determines the depth of wires and metallic pipes on active or dead systems without having to deactivate the system
- Lightweight receiver provides audible and visual indications of signal strength
- Transmitter output and receiver sensitivity are fully adjustable for maximum accuracy
- Transmitter offers three methods of connection: direct, inductive coupler, and inductive antenna
- Includes transmitter assembly, receiver assembly, inductive coupler (clamp), built-in inductive antenna, two 8 ft. (2.4 m) test leads with heavy-duty alligator clips and durable polyethylene case
- High frequency transmitter provides range up to 4,000 ft. (1,219 m) and depths up to 7 ft. (2 m)
- Receiver is 32 in. long (813 mm)
- Battery operated (eight AA and one 9V battery are included)
- Molded carrying case included

Item #

GR501

GREENLEE TEXTRON INC.

Circuit Tracer Kit

- Advanced patented non-directional sensing technology
- Superior sensitivity and functionality providing for accurate tracing and locating
- Ergonomic receiver with information-rich full-color graphical LCD
- Graphics and audible signal provide quick and easy to understand tracing feedback
- Traces concealed wiring, locates junction boxes, and finds breakers for live or open circuits
- Locates and identifies blown fuses
- Finds shorts and breaks in conductors
- Low pitch, high volume audible indicator
- User-selectable automatic or manual gain capability for fast, convenient use
- Power saving features promote extended battery life (Auto Power Off)
- Can be used on GFCI protected circuits
- Supports transmitter-to-receiver distances up to 4 miles for closed circuit tracing
- Does not affect sensitive electronic equipment on the circuit
- Auto backlight on receiver maximizes battery life
- Lifetime Limited Warranty

Operating Conditions:

- Temperature: 0 to +50 ºC (32 to 122 ºF)
- Altitude: 2000 m (6500') maximum
- Pollution Degree: 2
- Indoor use only

Transmitter:

- Measurement Category: Category III, 750V
- Operating Voltage: 0-750 V AC/DC
- Live line LED indicates voltage above 12 VAC or 5 VDC
- Frequency: 15.15 kHz
- Low battery indicator

Receiver:

- Range from Receiver to item with Signal: Live Line Mode – up to 20 ft (6 m) from circuit, Open Line Mode – Up to 10 ft. (3 m) with a metallic connection to ground, 1 to 3 ft. (.3 to .9 m) with a capacitive ground reference

Item #

GRCS-8000

GREENLEE TEXTRON INC.

Mesh Cabinet

- High-visibility mesh screen on three (3) sides
- Forty-eight (48) smaller, individual compartments, enabling storage of smaller tools and accessories
- 1/2" conduit support tunnels for top storage (conduit not included)
- Supplied with two (2) swivel casters and two (2) rigid 4" (102 mm) casters for easy mobility (Model 696)
- Capacity: 37.3 ft.

Item #

GR5060 MESH

GREENLEE

GREENLEE TEXTRON INC.

Handy Caddies

- 3/8" (9.5 mm) diameter solid steel spool support spindles
- Spool retaining washers on spindles
- Holds four 500' (152 m) spools of #10 AWG (7" dia. by 6" - 10" wide)
- Holds up to eight 500' (152 m) spools of #12 AWG (7" dia. x 5" wide)

Item #
GR9502

GREENLEE TEXTRON INC.

Wire Caddies

- 6 wire spool axles with spring clip locks
- Pre-drilled caster mounting holes

906:

- Collapsible wire guide
- Swivel caster set with 2 locking casters for easy use
- Capacity: Six 500' (152.4 m) spools up to 8" (203.2 mm) in diameter of #6 thru #10 AWG 600 volt wire

Item #
GR906

GREENLEE TEXTRON INC.

Wire Dispenser
No. 909

- All steel welded frame with 6 reel spindles and feeding eye
- Angled spindles keep reels in place without locks and help brake the reel while paying out
- Mobile, 2 fixed wheels and one that swivels and locks, allow easy movement and control
- Fits through a 30" doorway

Item #
GR909

GREENLEE TEXTRON INC.

Wire Carts

Hand Truck

- Dual heavy-duty wire guides for dispensing multiple wires in all directions
- Only 23" (584.2 mm) wide to fit through narrow doorways
- Comes with five 5/8" (15.9 mm) diameter reel spindles for storing and dispensing up to fifteen spools of #14 THHN wire

Item #
GR38733

GREENLEE TEXTRON INC.

Wire Dispenser
No. 910

- Base has 2 fixed and 2 swivel locking heavy duty casters
- The spool rack consists of 10 spindles and an adjustable guide loop, and can be turned 360 degree independent of the base
- Spindles are angled to contain reels and act as a brake while paying out wire
- Fits through a 36 inch (915 mm) opening

Item #
GR910

GREENLEE TEXTRON INC.

Wire Utility Cart

- Large capacity, excellent for storing, transporting or feeding wire
- 5 strong reel axles with spring clip retainers plus 2 positions for axle storage allows you to configure for large reels with no loose parts
- Capacity: Size 2,500' (762 m) spools up to 16" (406 mm) in diameter; six 500' (152.4 m) spools up to 8" (203 mm) in diameter

Item #
GR911

GREENLEE TEXTRON INC.

Storage Rack
Conduit and Pipe

- 7 individual bins allow you to sort by size and type
- Made of structural square tubing
- Folds down for storage
- Capacity lbs. (kg.): 1000 (454)

Item #
GR668

GREENLEE TEXTRON INC.

Coiled Cable Dispensers
BX-Armored

- Dispense armored cable, flexible conduit, Greenfield® or NM-B cable fast and easy without twists or tangles
- Base with adjustable tension control rotates to dispense the cable without overpulling
- Large pulling eye rotates freely and can be used as a carrying handle when the dispenser is empty
- Capacity: One 250' coil or 14/2, 14/3, 12/2 or 12/3 armored cable or romex

Item #
GR37218

GREENLEE

GREENLEE TEXTRON INC.

Cable Dispensers

Caddy Basket

- Fits both 2 x 4 and 2 x 6 studs
- Dispense coils of NM-B or armored cable
- Swivel eyelet eliminates tangles

Item #	Desc.
GR9525F	Folding Stud Mount Caddy

GREENLEE TEXTRON INC.

Reel Stands

Screw Type

- Wide welded steel base for added stability
- Roller bearings fit in the spindle groove to keep the spindle in place and turning freely
- Two stands and a spindle are required for a complete set-up

Item #	Desc.	Capacity
GR683	Reel Stand 22 in. - 54 in.	2,500 lbs. each, 46 in. - 96 in. Reel Diameter
GR687	Reel Stand 13 in. - 28 in.	2,500 lbs. each, 28 in. - 56 in. Reel Diameter

GREENLEE TEXTRON INC.

Reel Stand Spindles

- Tempered steel with grooves to fit reel stand rollers

Item #	Desc.
GR647	Spindle for 687 Reel Stands
GR657	Spindle for 656 Reel Stands
GR684	Spindle for 683 Reel Stands

GREENLEE TEXTRON INC.

Threaded Rod Cutter

- One stroke cuts through threaded rod; cuts clean, eliminating the need to grind or file before threading a nut onto a cut end
- Strong forged steel cutting head with tool steel cutting die for long life
- Capacity: 1/4" – 20 soft steel rod; 3/8" - 16 soft steel rods

Item #
GR36587

GREENLEE TEXTRON INC.

Hydraulic Pump

Electric

- Usable oil volume: 6 quarts (5.7 liters)
- For use with all Greenlee benders
- Handy pendant advance control
- Automatic or manual ram return selector valve provides more control from the pendant switch
- Capacity: 10,000 PSI

Item #
GR980

GREENLEE TEXTRON INC.

Hydraulic Oils

- Greenlee-approved
- Specially compounded for use with Greenlee hydraulic equipment

Item #	Size
GR4016GB	1 g (3.8 l)
GR4017GB	1 qt (.9 l)

GREENLEE TEXTRON INC.

Conduit Cutters

BX and Flexible

- Use With AC and MC Cable up to 1"
- Adjustable up to 1" outside diameter
- Cuts in seconds with a few quick turns of the crank and an easy twist of the armor
- Convenient under-handle blade storage holds spare blades
- Quick load clamp system makes repeat cuts fast and easy

Item #
GR0952-01
GR1941-1

• Want a complete Greenlee catalog?

• Call Edge today for more detailed product literature.

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Mechanical & Electrical Work Equipment

GARDNER BENDER

Conduit Hand Bender

Big Ben™

- Embossed sight lines for 10°, 22°, 30°, 45°, 60° and 90°
- Industry-standard markings – 30° bend when handle is straight up
- Bigger hook with a 5x durability factor
- Bigger foot pedal – 40% larger
- Bend-back channel easily corrects conduit over-bends
- Rugged heat-treated aluminum head and steel handle

Item #	Bend Radius (in.)	EMT Size (in.)	Rigid Size (in.)
GB960H	3.69	½	-
GB961H	4.74	¾	½
GB962H	5.81	1	¾

GARDNER BENDER

Electric-Powered Jobsite Bender

Cyclone™

- Ability to make repeatable bends at the same degree
- Horizontal and vertical positions allow the unit to create accurate offset bends
- Low-volt (95), high-volt (132) automatic shut-off helps protect electrical components from voltage fluctuations
- On/Off switch allows user to shut machine down for extended periods of time
- Hook attachment on pendant control frees hands while working with conduit
- 110/115 V AC, 15 AMP 1 HP DC Motor
- Bends - Rigid, EMT, Rigid aluminum, IMC, PVC-coated rigid (1/2" to 1-1/2")

Item #
GBB2000

GARDNER BENDER

Powered Puller (Tugger)

Brutus™

- Pulls up to 8000 lbs.
- Exclusive planetary gear design lets powerhead deliver smooth, sure power without breakage
- Powerful 1-1/2 hp motor starts under full load; capstan is non-reversing with backstop brake - will not reverse when power is shut off
- Two-way power head mounting adapts to tight corners
- Pulls 10 feet/minute without buckling or bending
- Frame assembles in numerous configurations
- Versatile frame mounts power head almost anywhere
- Heavy-duty metal case included
- Min 15 A, Max 30 A

Item #
GBCP8000

GARDNER BENDER

Hydraulic Knockout Set

Slug-Out™

- Punches holes for 1/2" to 4" conduit in distribution boxes, electrical panels or troughs
- Four point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel and 12-gauge stainless steel
- Hand-powered hydraulic pump
- Includes metal storage case
- Other punches and dies are interchangeable

Item #
GBKOH540A

GARDNER BENDER

Ratchet Wrench Knockout Set

Slug-Out™

- 1/2" to 2" conduit size
- Four-point design allows slug to drop automatically without splitting
- Punches up to 10-gauge mild steel and 12-gauge stainless steel
- Set includes ratchet wrench, six sizes of punches and dies, and two drive screws all packaged in a rugged storage case

Item #
GBKOW520

GARDNER BENDER

Hook-Type Sheaves

- Keeps cable together for easier manageability and enables direction of cable to be changed
- Sheave made of rugged aluminum alloy
- Hook frame made of welded steel
- Rated at 8,000 lb. capacity

Item #	Width (in.)	Diameter (in.)
GBHS-8524	5	24

GARDNER BENDER

Fish Tapes

UpperHand™

- Ergonomic handle reduces wrist strain
- Comfort formed grip reduces forearm strain
- Cushioned rubber hand grips for ease of operation and comfort
- Impact modified handle and housing that exceeds the 25 ft. drop-test
- Corrosion-resistant plated carbon steel wire

Item #	Length (ft.)	Internal / External Ring Dia (in.)
GBFTS65R	65	4/8[1/2]
GBFTS125R	125	5½/12
GBFTS250	250	5½/12

Current Tools

CURRENT TOOLS, INC.

Hook-Type Sheaves

8,000 lb. Capacity

Item #	Desc.
CT812	12” Diameter HD hook sheave
CT818	18” Diameter HD hook sheave

CURRENT TOOLS, INC.

Radius-Type Sheaves

4,000 lbs. Capacity

- Aluminum sheaves 5” wide

Item #	Desc.
CT12036	36” Radius Sheaves with 9 Sheaves

CURRENT TOOLS, INC.

Tray-Type Sheaves

- 5” aluminum sheave with self lubricating bearings

Item #	Desc.
CT951TR	Small Tray-Type Sheave/12” Long

BURNDY

BURNDY

Dies

- U-dies for grounding applications
- Single and twin crimp styles

Item #
BUPU998
BUU1011
BUU997

BURNDY

Battery Actuated Crimps

Battery actuated 12 ton crimp tool with covered head, (2) 18 volt Li-ion batteries, 120 V-AC charger, lanyard and carry case.

Item #
BUPAT750C-LI

BURNDY

U Die Kits

- Each UDIEKITCU and UDIEKITAL die kit includes 15 sets of “U” dies and the PT29291 die case. These stainless steel color coded dies are for crimping BURNDY YA, YS, YA-A, and YS-A type HYLUG and HYLINK color coded terminals and splices ranging from #6 AWG through 750 kcmil.
- The UDIEKITHYGRD kit includes eight die sets. Seven die sets are used to install the BURNDY HYGROUND irreversible compression grounding connectors, & the U2CABT die set for pre-criming 1/2”, 5/8”, and 3/4” ground rods for increased rotational resistance.
- BURNDY “U” dies are used in the Y35, Y39, Y750 series, PAT750-18V series, Y46, and PAT46-18V (with PUADP-1 adapter) tools.

Item #	Wire Size
BUUDIEKITHYGRD Includes	
BUUC	
BUUO	
BUU997	
BUPU998	
BUU1011	
BUU1104	
BUU1105	
BUU2CABT	
BUPT29291	
BUUDIEKITCU Includes	
BUU5CRT	#6 AWG
BUU4CRT	#4 AWG
BUU2CRT	#2 AWG
BUU1CRT-1	#1 AWG
BUU25RT	1/0 AWG
BUU26RT	2/0 AWG
BUU27RT	3/0 AWG
BUU28RT	4/0 AWG
BUU29RT	250 kcmil
BUU30RT	300 kcmil
BUU31RT	350 kcmil
BUU32RT	400 kcmil
BUU34RT	500 kcmil
BUU36RT	600 kcmil
BUU39RT	750 kcmil
BUPT29291	Die Cast
BUUDIEKITAL Includes	
BUU6CABT	#6 AWG
BUU4CABT	#4 AWG
BUU2CABT	#2 AWG
BUU1CART	#1 AWG
BUU25ART	1/0 AWG
BUU26ART	2/0 AWG
BUU27ART	3/0 AWG
BUU28ART	4/0 AWG
BUU29ART	250 kcmil
BUU30ART	300 kcmil
BUU31ART	350 kcmil
BUU32ART	400 kcmil
BUU34ART	500 kcmil
BUU36ART	600 kcmil
BUU39ART-2	750 kcmil
BUPT29291	Die Cast

BURNDY

Battery Actuated Crimps

Battery actuated 11 ton dieless crimp tool with (2) 18 Volt Li-ion batteries, 120 V-AC charger, lanyard and carry case.

Item #
BUPAT644-LI

BURNDY

Battery Actuated Crimps

Battery actuated 15 ton crimp tool with covered head, (2) 18 Volt Li-ion batteries, 120 V-AC charger, lanyard and carry case.

Item #
BUPAT46C-LI

BURNDY

Hydraulic Dieless Crimper

18 Volt

Patriot®

- True, one-handed operation for advance, retract, and hold
- 11-ton output force
- State of the art crimping head design, 360º head rotation
- Audible “pop-off” and Green indicator indicates properly completed crimps
- Ergonomically balanced tool design
- Durable high impact formed carrying case

Item #
BUPAT644XT18V

BURNDY

Hydraulic Dieless Crimper

18 Volt

Patriot®

- Dieless installation system
- UL Listed and CSA Certified with Range Taking Capabilities
- 6 tons output force
- Audible pressure “pop-off” valve and die embossment providing 360º inspectability
- Ergonomic design allows one hand operation for ram advance and ram retraction
- 360º head rotation
- Ram holds position when trigger is released

Item #
BUPAT81KFT18V

BURNDY

Hydraulic Crimper

18 Volt

Patriot®

- True, one-handed operation for advance, retract, and hold
- 12-ton output force
- State of the art crimping head design, 360º head rotation
- Audible “pop-off” and Green indicator indicates properly completed crimps
- Ergonomically balanced tool design
- Durable high impact formed carrying case

Item #
BUPAT750XT18V

BURNDY

Hydraulic Self-Contained Cutter

18 Volt

Patriot®

- Advance design high-speed pump completes tough cuts faster
- Ergonomic design allows one hand operation
- 180º head rotation
- Mechanical ram release
- Operates on 18 volt Ni-MH batteries
- Durable high impact formed carrying case
- Capable of cutting up to 1.29” diameter copper and aluminum cable, 1113 ACSR, 5/8” ground rod, 1/2” rebar, 5/8” diameter soft steel bolts, up to 1/2” standard guy strand, and up to 3/8” EHS guy strand

Item #
BUPATCUT129ACSR18V

BURNDY

Hydraulic Self-Contained Cutter

18 Volt

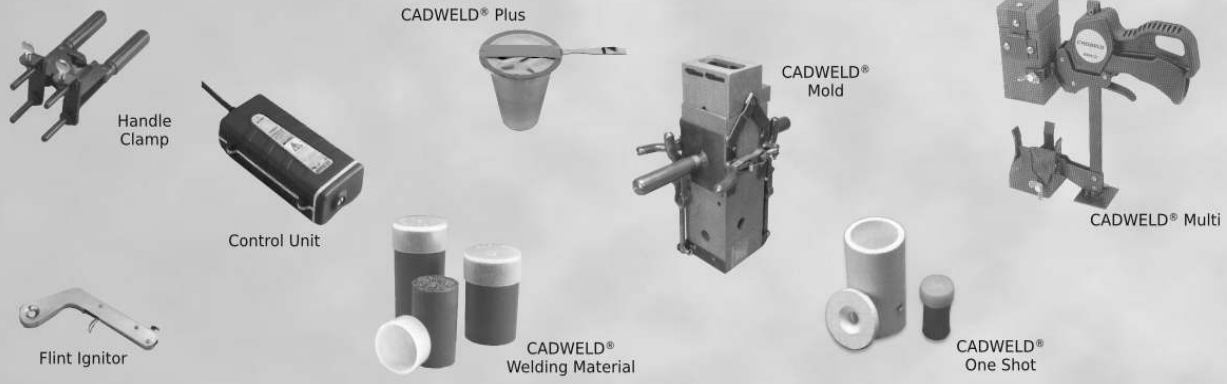
Patriot®

- Advance design high-speed pump completes tough cuts faster
- Ergonomic design allows one hand operation
- 180º head rotation
- Mechanical ram release
- Operates on 18 volt Ni-MH batteries
- Durable high impact formed carrying case
- Capable of cutting up to 2.45” diameter copper and aluminum cable. Do not use to cut steel, ground rod, rebar or guy wire

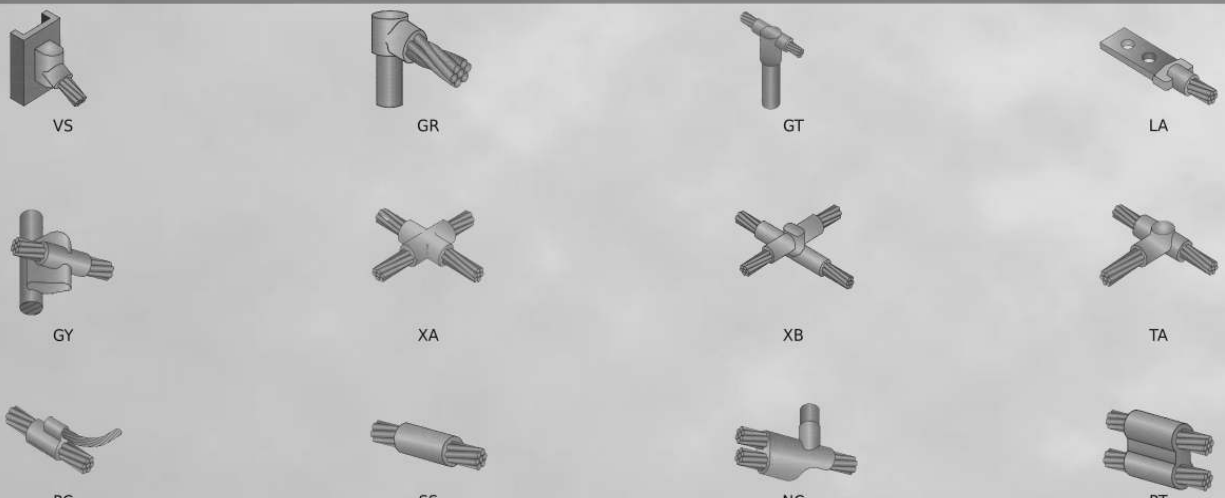
Item #
BUPATCUT245CUAL18V

CADWELD® & Grounding Products

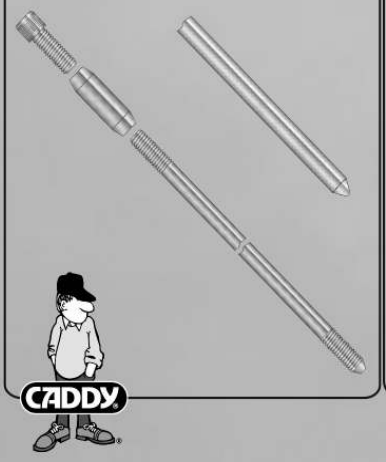
CADWELD® Products



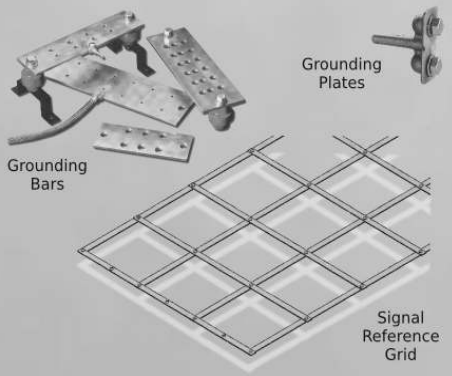
CADWELD® Connections



Ground Rods



Grounding Products



GEM

Ground Enhancement Material

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

ERICO

ERICO/CADDY

GY Mold

Cadweld

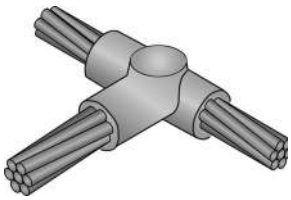
- The two-piece GY mold lets you make connections in a trench in about half the time it would take with compression connections or other exothermic connections and at a fraction of the cost
- Ergonomic two-piece molds use standard L160 and L159 handle clamps-the same clamps you use with other Cadweld® molds
- Saves labor costs; a GY connection can be made by one person in about one minute-much faster than other methods
- Includes a new baffle mold cover which reduces emissions and extends the handle clamp life
- Available with wear plates

Item #	Mold Part Number	Copper Clad Ground Rod (Run) (in.)	Conductor Size (Tap)
CD115PLUSF20	GY R142C	½	1/0 CONC
CD115PLUSF20	GY R142G	½	2/0 CONC
CD150PLUSF20	GY R142L	½	3/0 CONC
CD150PLUSF20	GY R142Q	½	4/0 CONC
CD150PLUSF20	GY R142V	½	250 CONC
CD90PLUSF20	GY R161T	⅝	2 SOL
CD90PLUSF20	GY R161V	⅝	2 CONC
CD115PLUSF20	GY R162C	⅝	1/0 CONC
CD115PLUSF20	GY R162G	⅝	2/0 CONC
CD150PLUSF20	GY R162L	⅝	3/0 CONC
CD150PLUSF20	GY R162Q	⅝	4/0 CONC
CD150PLUSF20	GY R162V	⅝	250 CONC
CD250PLUSF20	GY R163D	⅝	350 CONC
CD400PLUSF20	GY F163Q	⅝	500 CONC
CD90PLUSF20	GY R181T	¾	2 SOL
CD90PLUSF20	GY R181V	¾	2 CONC
CD115PLUSF20	GY R182C	¾	1/0 CONC
CD115PLUSF20	GY R182G	¾	2/0 CONC
CD150PLUSF20	GY R182L	¾	3/0 CONC
CD150PLUSF20	GY R182Q	¾	4/0 CONC
CD200PLUSF20	GY R182V	¾	250 CONC
CD300PLUSF20	GY R283D	¾	350 CONC
CD500PLUSF20	GY F183Q	¾	500 CONC

ERICO/CADDY

TA Connection

Cadweld



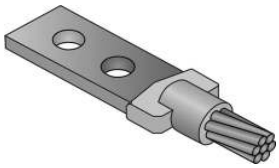
- Connection Type: TA
- Mold Family: Cable to cable
- Mold Type: Standard mold
- Ease of Use: Preferred

Item #	Run Family	Run Size	Tap Family	Tap Size
CDTAC-2S1K	Copper Ropelay	4/0 Ropelay	Copper Solid	#4 Solid
CDTAC-4L2Q	Copper Concentric	750 KCM Concentric	Copper Concentric	4/0 Concentric
CDTAC-9J9J	Copperweld-Stranded	19/#6 Copperweld	Copper-weld-Stranded	19/#6 Copper-weld

ERICO/CADDY

Lug

Cadweld



- Cable to lug or bus bar

Item #	Run Size (in.)	Tap Size
CDLAC-2QEK	¼ x 3 Lug/Bus	4/0 Concentric
CDLAC-3QEH	¼ x 2 Lug/Bus	500 KCM Concentric

ERICO/CADDY

Weld Metals

CADWELD Weld Metal is a mixture of copper oxide and aluminum, packaged by size in plastic tubes. Each tube contains the starting material at the bottom of the plastic tube, with the weld metal on top. These materials are not explosive and not subject to spontaneous ignition. These containers are packaged in boxes along with metal disks. Each weld uses one disk.

Weld Metal are used for grounding connections:

F20 or standard weld metal is used for all grounding connections with the exception of those to cast iron or to load bearing rail. The standard weld metal containers have clear (or natural) caps. Standard weld metal is also used with most FX molds.

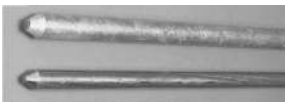
- Package: Foil pouch

Item #
CD25
CD32
CD45
CD65
CD90
CD115
CD150
CD200
CD250
CD500

ERICO

ERICO/CADDY

Ground Rods



Item #	Description
CD815880	⅝"x8' Galvanized Steel
CD613480	¾"x 8' Copper Clad

ERICO/CADDY

Weld Metals

- The CADWELD PLUS System offers all the benefits of conventional CADWELD connections
- Consists of a tamper proof, disposable, moisture resistant welding material cup. The welding material, disk and ignition source are incorporated into the self-contained package
- Color coded welding material reduces risk of misapplication and gives a simple visual verification of the correct welding material size
- Electronic Control Unit means no starting material is required and makes ignition very easy
- Six foot control unit lead gives increased flexibility in hard to reach areas

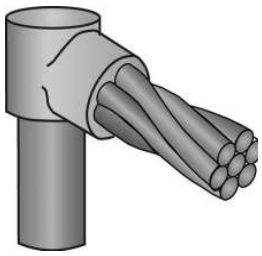
Item #
CD25PLUSF20
CD32PLUSF20
CD45PLUSF20
CD65PLUSF20
CD90PLUSF20
CD115PLUSF20
CD150PLUSF20
CD200PLUSF20
CD250PLUSF20

ERICO/CADDY

3/4 Ground Rod

3/4" Cooper Bonded Rod

Cadweld



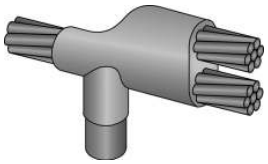
- Cable to ground rods or other rounds

Item #	Cable	Weld Metal
CDGRC-182Q	4/0	#90

ERICO/CADDY

5/8 Ground Rod

Cadweld



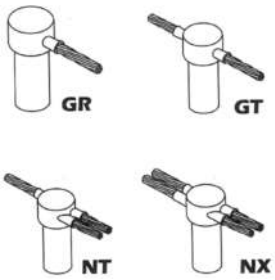
- Cable to ground rods or other rounds

Item #	Cable	Weld Metal
CDNCR-162G	2/0	#200

ERICO/CADDY

Ground Rod Cables

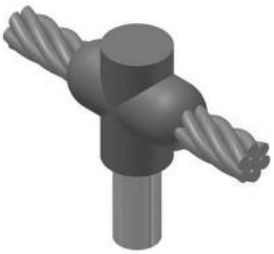
One-Shot™



Item #	Conductor Solid	Conductor Stranded	Rod Size (in.)	UoM
CDGT1-161V	1,2	2,3	⅝	Ea
CDNT1-161V	1,2	2,3	⅝	Ea

ERICO/CADDY

Ground Rod Cables



- Through cable to top of ground rod
- Connections are for concentric strand copper cable unless otherwise noted

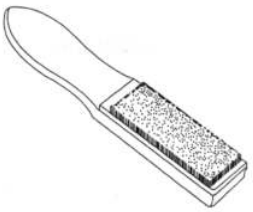
Item #	Ground Rod Size (in.)	Cable Size	Weld Metal
CDGTC-161T	⅝	2 SOL	90
CDGTC-161V	⅝	2	90
CDGTC-162G	⅝	2/0	115
CDGTC-162Q	⅝	4/0	115
CDGTC-182Q	¾	4/0	115

5/8 in. Ground Rod Size

3/4 in. Ground Rod Size

ERICO/CADDY

Cable Cleaning Brushes



- Card cloth brush

Item #
CDT313

ERICO

ERICO/CADDY

Mold Sealers

- Cadweld Mold Sealer is ideal for sealing hot or cold molds to retard leakage from large stranded conductors

Item #
CDT403

ERICO/CADDY

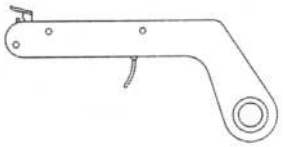
Handle Clamps

- For C price key molds

Item #
CDL-160

ERICO/CADDY

Flint Ignitors



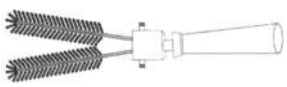
Cadweld flint ignitors are used to ignite the starting material when making a Cadweld connection. An ignitor is included with each handle clamp or frame. T320A Replacement flints are also available.

Item #	Desc.
CDT320	Flint Igniter
CDT320A	Repl. Flints

ERICO/CADDY

Cable Cleaning Brushes

- Cable cleaning brush cleans any conductor and is especially useful for coarse or very dirty conductors

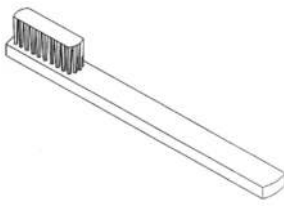


Item #
CDT-314

ERICO/CADDY

Mold Cleaning Brushes

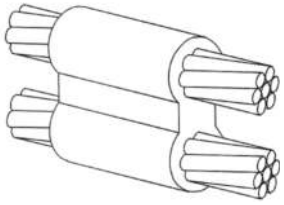
- Mold cleaning brush is very useful for removing slag from molds - especially vertical split molds



Item #
CDT394

ERICO/CADDY

Parallel Horizontal Conductors

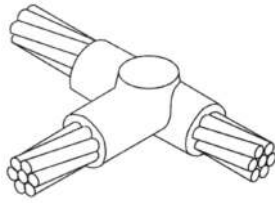


- Parallel through connection of horizontal cables

Item #	Cable Size Run	Cable Size Tap	Weld Metal
CDPTC-1T1T	2 SOL	65	

ERICO/CADDY

Horizontal Tee Cables



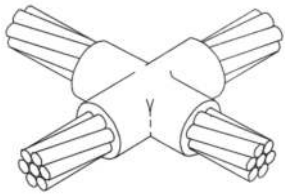
- Tee of horizontal run and tap cables

Item #	Cable Size Run	Cable Size Tap	Weld Metal
CDTAC-1T1T	2 SOL	45	Ea
CDTAC-1V1L	2	4	45
CDTAC-2C2C	1/0	90	Ea
CDTAC-2G2G	2/0	90	Ea
CDTAC-2Q2Q	4/0	150	Ea
CDTAC-2Q2G	4/0	2/0	90
CDTAC-2V2G	250	2/0	90

ERICO/CADDY

Horizontal X Cables

- Cross of horizontal cables, tap cable cut-cables in same plane

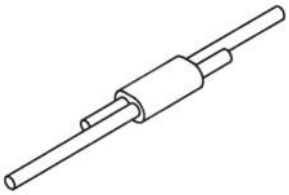


Item #	Cable Size Run	Cable Size Tap	Weld Metal
CDXAC-2Q2Q	4/0	200	

ERICO/CADDY

Horizontal Splices

- Splice of horizontal cables



Item #	Cable Size	Weld Metal
CDSSC-2G	2/0	65
CDSSC-2L	3/0	90
CDSSC-2Q	4/0	90

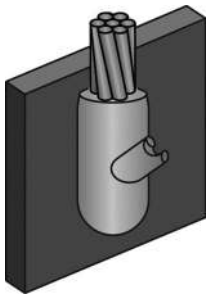
ERICO

ERICO/CADDY
Cadweld® Plus
Ignitor Control Unit
Cadweld

Item #
CDPLUSCU

ERICO/CADDY
VF Connector
Cadweld

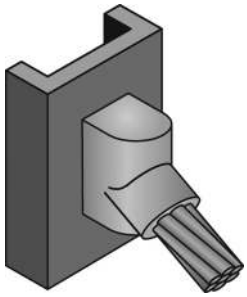
- Cable to steel or pipe



Item #	Cable Size	Pipe Size (in.)	Weld Metal
CDVFC-1T-V3C	#2 sol.	2 - 4	#65

ERICO/CADDY
VS Connector
Cadweld

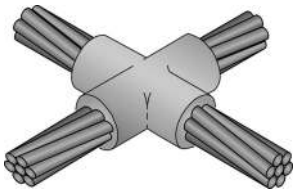
- Cable to steel or pipe



Item #	Cable Size	Pipe Size (in.)	Weld Metal
CDVSC-1T	#2 sol.		#45
CDVSC-1T-V3C	#2 sol.	1½ - 4	#45
CDVSC-2G	2/0		#90
CDVSC-2L-V3C	3/0	2 - 4	#115
CDVSC-2Q	4/0		#115
CDVSC-3Q	500		#200

ERICO/CADDY
XA Connector
Cadweld

- Cable to cable



Item #	Run Size	Tap Size	Weld Metal
CDXAC-2L2L	3/0	#150	

Need help with your ground solution? Call Edge today to:

- **Get recommendations**
- **Arrange a demo**
- **Get more detailed specifications**
- **Get a quote**
- **Have one of our sales reps look at your plans and specifications**

Have you considered:

- **Grounding rods**
- **Brush, file, and cleaning tools**
- **Safety glasses**
- **Gloves**
- **Cable cutters**

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

ERICO

ERICO/CADDY

Cadweld® Plus One Shot

Single-use

Cadweld

- Easy-to-use electronic ignition; no starting material
- Durable disposable ceramic body eliminates the graphite mold and frame
- The Cadweld® Plus One Shot is ideal for making permanent reliable connections to ground rods for electrical transmission and distribution, telecommunications and cable television applications

Item #	Ground Rod Size (in.)	Concentric Conductor SOL	Concentric Conductor STR	Metric Conductor (sq. mm)
Type: GR				
CDGR1141GPLUS	½	6, 8	8	8-10
CDGR1141LPLUS	½	3, 4	4, 6	14-22
CDGR1141VPLUS	½	1, 2	2, 3	30-38
CDGR1161GPLUS	⅝	6, 8	8	8-10
CDGR1161LPLUS	⅝	3, 4	4, 6	14-22
CDGR1161LPLUS	⅝	1, 2	2, 3	30-38
CDGR1162CPLUS	⅝	2/0, 1/0	1/0, 1	50-60
CDGR1162GPLUS	⅝		2/0	70
CDGR1162QPLUS	⅝		4/0	
CDGR1181GPLUS	¾	6, 8	8	8-10
CDGR1181LPLUS	¾	3, 4	4, 6	14-22
CDGR1181VPLUS	¾	1, 2	2, 3	30-38
CDGR1182CPLUS	¾	2/0, 1/0	1/0, 1	50-60
CDGR1182GPLUS	¾		2/0	70
CDGR1182QPLUS	¾		4/0	
Type: GT				
CDGT1141GPLUS	½	6, 8	8	8-10
CDGT1141LPLUS	½	3, 4	4, 6	14-22
CDGT1141VPLUS	½	1, 2	2, 3	30-38
CDGT1161GPLUS	⅝	6, 8	8	8-10
CDGT1161LPLUS	⅝	3, 4	4, 6	14-22
CDGT1161VPLUS	⅝	1, 2	2, 3	30-38
CDGT1162CPLUS	⅝	2/0, 1/0	1/0, 1	50-60
CDGT1162GPLUS	⅝		2/0	70
CDGT1181GPLUS	¾	6, 8	8	8-10
CDGT1181LPLUS	¾	3, 4	4, 6	14-22
CDGT1181LPLUS	¾	1, 2	2, 3	30-38
CDGT1182CPLUS	¾	2/0, 1/0	1/0, 1	50-60
CDGT1182GPLUS	¾		2/0	70
Type: NT				
CDNT1141GPLUS	½	6, 8	8	8-10
CDNT1141LPLUS	½	3, 4	4, 6	14-22
CDNT1141VPLUS	½	1, 2	2, 3	30-38
CDNT1161GPLUS	⅝	6, 8	8	8-10
CDNT1161LPLUS	⅝	3, 4	4, 6	14-22
CDNT1161VPLUS	⅝	1, 2	2, 3	30-38
CDNT1181GPLUS	¾	6, 8	8	8-10
CDNT1181LPLUS	¾	3, 4	4, 6	14-22
CDNT1181VPLUS	¾	1, 2	2, 3	30-38

erin rope corporation

ERIN ROPE CORPORATION

Pulling Rope

Composite Double Braid

- High tensity low stretch polyester double braided pulling rope with factory spliced pulling eyes at each end
- Items listed are 600' (also available in 1200')

Item #	Dia (in.)	Min. Break Strength (lbs.)
ERCDB160600	½	9,500
ERCDB240600	¾	26,000
ERCDB280600	⅞	32,000

ERIN ROPE CORPORATION

Manila Rope

3 Strand Natural Fiber

- The strongest of all natural fiber ropes
- Premium grade with 36 minimum becker value
- Items listed are 600' (additional lengths available)

Item #	Dia (in.)	Min. Break Strength (lbs.)
ERTWM160600	½	2,385
ERTWM200600	⅝	3,960

ERIN ROPE CORPORATION

Premium Braided Nylon Twine

Mason Line

- High quality braided twine, will not unravel after multiple uses
- Size - #18, Length 1000'
- Min. Break Strength 157 lbs.

Item #	Color
ERBSTFG1000	Fluorescent Green
ERBSTFO1000	Fluorescent Orange
ERBSTFP1000	Fluorescent Pink
ERBSTFY1000	Fluorescent Yellow

ERIN ROPE CORPORATION

Pulling Tapes

Woven Polyester

- Low stretch, high strength, sequentially footage marked pulling tape
- Measure and pull with same product

Item #	Width (in.)	Approx. Tensile Strength (lbs.)	Length (ft.)
ERWP12503000	½	1250	3,000
ERWP18003000	⅝	1800	3,000
ERWP25003000	¾	2500	3,000

ERIN ROPE CORPORATION

Conduit Measuring Tape

- Sequential footage marks from 1-3,000 ft.
- Allows for fishing and measuring conduit runs in one easy step

Item #	Width (in.)	Min. Tensile Strength (lbs.)	Length (ft.)
ERPCMT3000	¼	130	3,000

KLEIN TOOLS

Ironworkers Pliers

- Standard side cutters for rebar work
- Specially designed and sharpened for cutting soft annealed tie wire
- Special, heavy, knurled jaws
- Hook bend in one handle for non-slip grip
- Coil spring holds jaws open
- Plastic-dipped handles

Item #	Overall Length (in.)	Jaw Length (in.)	Jaw Width (in.)	Jaw Thickness (in.)	Knife Length (in.)
KLD2000-7CST	9¼	1 9/32	1 5/32	½	⅝
KLD201-7CST	8¾	1 9/32	1 5/32	½	⅝

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

KLEIN TOOLS

High-Leverage Side-Cutting Pliers

- Quickly and easily pulls 1/8" or 1/4" flat steel fish tape
- High-leverage design
- Streamlined design with cross-hatchet knurled jaws
- NE New England nose design
- Plastic-dipped handles

Item #	Overall Length (in.)	Jaw Length (in.)	Jaw Width (in.)	Jaw Thickness (in.)
KLD213-9NETP	9 3/8	1 19/32	1 1/4	5/8

KLEIN TOOLS

High-Leverage Side-Cutting Pliers

- These pliers provide a 46% greater mechanical advantage than regular 9-1/4" side cutters
- Plastic-dipped handle
- Overall length 9-3/8 inches

Item #	Knife length (in.)	Jaw thickness (in.)	Jaw width (in.)	Jaw length (in.)
KLD213-9	25/32	5/8	1-1/4	1-19/32

KLEIN TOOLS

End-Cutting Pliers

- For cutting wire or nails close to the work
- With wide throat clearance, ample handle leverage, jaws at just the right angle for easy cutting; makes a clean, even cut
- Plastic-dipped handles
- Overall length: 8-1/2"

Item #	Knife length (in.)	Jaw thickness (in.)	Jaw width (in.)	Jaw length (in.)
KLD232-8	1-3/16	19/32	1-3/16	3/8"

KLEIN TOOLS

High Leverage Ironworker's Pliers

- For easier cutting of soft annealed tie wire
- Knurled jaws
- With coil spring
- Hook bend in one handle for non-slip grip
- Plastic-dipped handles

Item #	Overall Length (in.)	Jaw Length (in.)	Jaw/Width (in.)
KLD213-9ST	9 3/8	1 19/32	1 1/4
KLD2000-9ST	9 3/8	1 19/32	1 1/4
Journeyman™ Series			
KLJ2000-9ST	9 3/8	1 19/32	1 1/4

KLEIN TOOLS

Long-Nose Pliers

Standard-Duty

- With side cutters
- Long-nose design with cutting knives at hinge
- Permits wrapping, looping and cutting with a single pliers
- Plastic-dipped handles

Item #	Overall Length in.	Jaw Length in.	Point Thickness in.
KLD203-5	5 9/16	1 9/16	3/32
KLD203-6	6 5/8	1 15/16	3/32
KLD203-7	7 1/8	2 7/16	3/32

KLEIN TOOLS

Long-Nose Pliers

High-Leverage Journeyman™

- Soft material on outer surface for comfort and a firm grip
- Hard, black material for toughness and durability
- Contoured thumb area for additional comfort and positive feel
- Color-coded yellow, dark blue, red, or light blue handles allow quick identification of the tool
- Induction hardened cutting knives for long life
- Heavier design for greater cutting power
- Extended handles provide added reach and leverage
- Slim head design for working in confined areas
- Overall Length: 8-9/16"
- Jaw Length: 2-5/16"
- Jaw Width: 1"
- Jaw Thickness: 1/2"
- Knife Length: 5/8"
- Point Thickness: 1/8"

Item #
KLJ203-8

KLEIN TOOLS

Long-Nose Pliers

Heavy-Duty

- With side cutters, skinning hole for No. 12 AWG insulated wire and crimping die for connectors, lugs and terminals
- Comfortable plastic-dipped handles
- Overall length: 8-5/8" (211 mm), jaw length: 2-5/16" (59 mm), jaw width: 1" (25 mm), jaw thickness: 1/2" (13 mm), knife length: 5/8" (16 mm), point thickness: 1/8" (3 mm)

Item #
KLD203-8NCR

KLEIN TOOLS

Long-Nose Pliers

Heavy-Duty

With Side Cutters and Skinning Hole

- With side cutters
- With skinning hole for No. 12 AWG insulated wire
- Plastic-dipped handles
- Overall Length: 8-7/16”
- Jaw Length: 2-5/16”
- Jaw Width: 1”
- Jaw Thickness: 1/2”
- Knife Length: 5/8”
- Point Thickness: 1/8”

Item #	Overall Length (in.)
KLD203-8	8 7/16
KLD203-8N	8 7/16

KLEIN TOOLS

Slip-Joint Pliers

- Nickel-chrome plated with knurled handles
- Have shear-type wire cutter and two jaw positions
- Plastic coated handles

Item #	Overall Length in.	Jaw Length in.	Jaw Width in.	Jaw Thickness in.
KLD511-6	6	1 3/32	1 3/16	13/32
KLD511-8	8	1 5/16	1 1/4	7/16

KLEIN TOOLS

Slim Long-Nose Pliers

- Needle tip only 1/32” in diameter for precise assembly work
- Side cutters permit bending, forming and cutting with a single plier
- Knurled jaws
- With coil spring
- Plastic-dipped handles

Item #	Length (in.)	Jaw Length (in.)	Jaw
KLD221-5 1/2C	5 9/16	1 3/4	5/16

KLEIN TOOLS

High Leverage Side-Cutting Pliers

- Smooth, streamlined nose with knurled jaws
- High-leverage design provides 46% greater cutting and gripping power
- Plastic-dipped handles
- Nose Type: New England
- Jaw thickness: 5/8”
- Knife length: 25/32”

Item #	OA Length (in.)	Jaw Length (in.)	Jaw Width (in.)
KLD213-8NE	8 1/2	1 7/16	1 3/16
KLD213-9NE	9 1/4	1 19/32	1 1/4
Journeyman™ Series			
KLJ213-9NE	9 1/4	1 19/32	1 1/4

KLEIN TOOLS

High Leverage Side-Cutting Pliers

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power
- Streamlined design with sure-gripping, cross-hatched knurled jaws
- Induction-hardened cutting knives for long life
- Hot-riveted joint ensures smooth action and no handle wobble
- Nose Type: New England

Item #	Overall Length (in.)	Jaw Length (in.)	Jaw Thickness (in.)	Knife Length (in.)
KLD2000-9NE	9 1/4	1 19/32	1 5/16	25/32
Journeyman™ Series				
KLJ2000-9NE	9 1/2	1 1/4	5/8	25/32

KLEIN TOOLS

High Leverage Side-Cutting Pliers

NE-Type

- Smooth, streamlined nose with knurled jaws
- Crimping die at the hinge for crimping sleeve connectors
- Plastic-dipped handles
- Knife Length: 25/32 in.

Item #	Overall Length (in.)	Jaw Length (in.)	Jaw Width (in.)	Jaw Thickness (in.)
KLD213-9NE-CR	9 1/4	1 19/32	1 5/16	5/8

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

KLEIN TOOLS

High Leverage Diagonal Cutters

- Heavy-duty with head angled for easier work in confined areas
- Standard-bevel cutting knives
- Ultra-durable cutting knives for ACSR, bolts, nails and most hardened wire
- Plastic-dipped handles
- Overall Length: 8”

Item #	Cutting Knives
KLD248-8	Standard
KLD2000-48	Heavy-Duty

KLEIN TOOLS

Diagonal Cutter

- Standard-bevel cutting knives
- High-leverage design

Item #	Overall Length (in.)	Jaw Length (in.)	Jaw Width (in.)
KLD228-8	8	13/16	1 3/16
KLJ228-8	8	13/16	1 3/16
KLD2000-28	8	13/16	1 3/16
Journeyman™			
KLJ2000-28	8 1/8	13/16	1 3/16

KLEIN TOOLS

Diagonal Cutters

Heavy-Duty

- Heavier design for all-purpose use
- Tapered nose and standard-bevel cutting knives
- Plastic-dipped handles
- Overall length: 6””

Item #	Jaw thickness (in.)	Jaw width (in.)	Jaw length (in.)
KLD252-6	7/16	3/4	13/16

KLEIN TOOLS

Diagonal Cutters

Midget Pointed-Nose

- Narrow jaw and narrow hinge cutter
- Reaches into confined areas to permit full-flush cutting
- Fully polished head and neck
- With coil spring
- Plastic-dipped handles
- Overall length: 5””

Item #	Jaw thickness (in.)	Jaw width (in.)	Jaw length (in.)
KLD244-5C	5/16	1/2	11/16

KLEIN TOOLS

Side-Cutting Pliers

NE-Type

- Sure-gripping, cross-hatched knurled jaws
- New England nose
- Plastic dipped handles

Item #	Overall Length (in.)	Jaw Length (in.)	Jaw Width (in.)	Jaw Thickness (in.)	Knife Length (in.)
KLD201-6NE	6 1/4	1 3/32	29/32	1/2	9/16
KLD201-7NE	7 5/16	1 9/32	1 5/32	1/2	5/8
KLD201-8NE	8 1/2	1 7/16	1 7/32	5/8	23/32
KLD201-9NE	9 1/4	1 19/32	1 5/16	5/8	25/32

KLEIN TOOLS

High Leverage Cable Cutter

- High-leverage design gives it amazing cutting capability
- Cable-gripping, shear-type jaws
- Makes clean, efficient cuts
- Ideal for working in confined spaces
- Plastic-dipped handles
- Length: 9-1/2”

Item #
KL63050

KLEIN TOOLS

Ratcheting Cable Cutters

- Unique ratchet-action holds cable tight and allows rapid, straight cuts with minimum effort
- Hold-open spring speeds cutting action
- Quick-release lever opens blade at any time during operation
- Large handles have limit guards and plastic covering
- Can be locked in closed position for pouch carrying
- Length: 10”

Item #
KL63060

KLEIN TOOLS

Wire Stripper-Cutter

- Strips six standard wire sizes without nicking wire
- Scissors action of 1/2” wide cutter makes clean cuts with little effort
- Serrated nose jaws to bend, shape, or pull wire: holes for looping wire ends
- Coil-spring opening action reduces fatigue
- Plastic-covered handles
- Overall length 6-1/8”

Item #
KL1011

KLEIN TOOLS

Wire Strippers & Cutters

Klein Kurve®

- Curved handles help reach into confined areas
- Handy closure lock for convenient storage
- Wire looping and bending holes
- Strong-gripping serrated nose for easy bending, shaping, and pulling or wire
- Coil spring provides fast self-opening action
- Double-dipped comfort grips
- Screw-shearing holes
- Cleanly shears 6-32 and 8-32 screws
- Blue/Yellow handle cover
- Strip solid AWG gauges: 10-18"
- Strips standard AWG gauges: 12-20"

Item #
KL11055

KLEIN TOOLS

Wire Stripper-Cutter

- Flat design makes them easy to store and carry
- Narrow nose fits into tight places
- Strip wire quickly, cleanly, evenly
- Strong, hardened-steel with precision-ground stripping holes
- Clear gauge markings on both sides
- Blank oxide finish
- Plastic-dipped handles
- Overall length: 6-1/4”

Item #	Handle	Strips/Cuts
KL11045	Yellow	10-18 AWG solid
KL11046	Red	16-26 AWG stranded
KL11047	Yellow	22-30 AWG solid

KLEIN TOOLS

Wire Stripper, Cutterand Crimper

- For use on insulated and non-insulated connectors
- Cuts and strips wire, sizes 10-22 AWG
- Cuts bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32, and 10-24
- Plastic covered handles
- Overall length 8-1/4"

Item #
KL1010

KLEIN TOOLS

Cable Strippers/Cutters

- Strong-gripping serrated nose; for easy bending, shaping and pulling of wire
- Wire looping and bending holes
- Screw-shearing holes
- Coil spring provides fast self-opening action
- Handy closure lock for convenient storage
- Double-dipped comfort grips
- Overall Length: 7-3/4”

Item #	Strips and Cuts	Type NM-B Cable
KLK1210	10 & 12 AWG solid	10/2 & 12/2
KLK1412	12 & 14	12/2 & 14/2

KLEIN TOOLS

Terminal Crimping Tool

- Crimping die marked for insulated and non insulated solderless terminals and connectors
- Crimps insulated and non-insulated solderless terminals and connectors
- Both handles red plastic-dipped
- Designed for sizes 10-22 AWG
- Overall length 9-3/4"

Item #
KL1005

KLEIN TOOLS

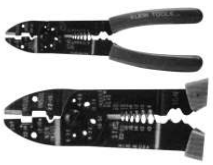
Terminal Crimping Tool

- Designed for crimping non-insulated solderless terminals and connectors ranging from No. 10 to 22 AWG
- Specially hardened wire cutter in nose
- Tapered nose for working in confined spaces
- Plastic-dipped handles
- Overall length 9-3/4"

Item #
KL1006

KLEIN TOOLS

Wire Cutter/Terminal Crimper



- Two wire cutters - one at tip, the other halfway back near stripping holes
- Crimps insulated and non-insulated terminals, lugs and splices. Cuts wire, strips wire, cuts bolts, crimps 7-8 mm ignition terminals
- Strips No. 8 to 18 AWG solid wire or 10 to 22 AWG standard wire
- Cuts bolt sizes 6-32, 8-32, 10-32, 10-24 and 4-40
- Pivot nut adjusts tension, left-and right-hand wire-looping holes near tip
- Plastic-covered handles
- Overall length: 8-3/4”

Item #
KL1001

KLEIN TOOLS

Square-Recess Tip Screwdrivers

- Color-coded handle ends for quick identification
- Round shank with Robertson tip for square-recess screws
- Chrome-plated shank
- Cushion grip handles

Item #	Point Size	Color Code	For Screw Sizes
KL662	No. 2	Red	8, 9, 10
KL663	No. 3	Black	12 and 14

KLEIN TOOLS

Cabinet Tip Screwdrivers

- Narrow cabinet tip permits blade access where space is limited
- Round chrome-plated shank
- Cushion grip handles

Item #	Shank Tip Width x Shank Length (in.)	Overall Length (in.)
KL601-3	3/16 x 3	6 3/4
KL601-4	3/16 x 4	7 3/4
KL601-6	3/16 x 6	9 3/4
KL601-8	3/16 x 8	11 3/4
KL601-10	3/16 x 10	13 3/4
Heavy-Duty Shanks		
KL605-8	1/4 x 8	12 11/32
KL605-4	1/4 x 4	8 11/32
KL605-6	1/4 x 6	10 11/32

KLEIN TOOLS

Cushion-Grip Screwdriver Set

5-Piece

- A basic selection of the most frequently used screwdrivers
- Featuring heat-treated and tempered-steel blades
- Comfortable cushion-grip handles
- In reclosable vinyl pouch

Set Contains:

- 600-4: Heavy-duty square-shank, keystone-tip, overall length: 8-11/32”
- 601-6: Round-shank, cabinet-tip, overall length: 9-3/4”
- 602-6: Heavy-duty round-shank, keystone-tip, overall length: 10-15/16”
- 603-4: Round-shank, No. 2 Phillips-tip, overall length: 8-5/16”
- 605-6: Heavy-duty round-shank, cabinet-tip, overall length: 10-11/32”

Item #
KL85075

KLEIN TOOLS

Cushion-Grip Screwdriver Set

7-Piece

- Specialty set for wide variety of applications
- In reclosable vinyl pouch

Set Contains:

- 600-4: Heavy-duty square-shank, keystone-tip, overall length: 8-11/32”
- 601-6: Round-shank, cabinet-tip, overall length: 9-3/4”
- 602-6: Heavy-duty round-shank, keystone-tip, overall length: 10-15/16”
- 603-4: Round-shank, No. 2 Phillips-tip, overall length: 8-5/16”
- 605-6: Heavy-duty round-shank, cabinet-tip, overall length: 10-11/32”
- 670-6: Cabinet-tip rotary screwdriver, overall length: 9-3/4”
- K36: Slotted screw-holding screwdriver, overall length: 9-3/4”

Item #
KL85077

KLEIN TOOLS

Cushion Grip Screwdriver Set

7-Piece

- Convenient selection of popular screwdrivers
- In reclosable vinyl pouch

Set Contains:

- Square-shank, keystone-tip* 8-11/32” overall length
- Round-shank, keystone-tip* 10-15/16” overall length
- Round-shank, cabinet-tip 6-3/4” overall length
- Round-shank, cabinet-tip 9-3/4” overall length
- Round-shank, cabinet-tip* 8-11/32” overall length
- Round-shank, No. 1 Phillips-tip 6-3/4” overall length
- Round-shank, No. 2 Phillips-tip 8-5/8” overall length

Item #
KL85076

KLEIN TOOLS

5-Piece Screwdriver Set

Journeyman™

- Includes one cabinet-tip, two Phillips-tip, and two keystone-tip screwdrivers
- Advanced blade technology for the strongest blade
- Exclusive Journeyman™ design for maximum turning power
- Ultra-comfort tri-lobe handle for exceptional control, grip and balance
- Patented Tip-Ident™ quickly identifies screwdriver tip/orientation
- Bolster reinforces shaft for hard use

Item #
KLJSDS01

KLEIN TOOLS

7-Piece Screwdriver Set

Journeyman™

- Includes two cabinet-tip, three Phillips-tip, and two keystone-tip screwdrivers
- Advanced blade technology for the strongest blade
- Exclusive Journeyman™ design for maximum turning power
- Ultra-comfort tri-lobe handle for exceptional control, grip and balance
- Patented Tip-Ident™ quickly identifies screwdriver tip/orientation
- Bolster reinforces shaft for hard use

Item #
KLJSDS02

KLEIN TOOLS

Keystone Tip Screwdriver

- Designed for the most demanding uses
- With heavy-duty shank for wrench-assisted turning
- Cushion grips

Item #	Shank Tip WidthxLength (in.)	Shank Lgth. (in.)
Square Shank		
KL600-4	¼x4	8 11/32
KL600-6	5/16x6	10 15/16
KL600-8	⅜x8	13 7/16
KL600-12	½x12	17 7/16
Round Shank		
KL600-1	¼x1½	3 7/16
KL602-3	7[32]x3	6¾
KL602-4	¼x4	8 11/32
KL602-6	5/16X6	10 15/16
KL602-8	⅜X8	13 7/16

KLEIN TOOLS

Nut Driver Set

Cushion Grip Hollow Shank

- Cushion-grip handle allows for greater torque and comfort
- Handle-ends color-coded according to hex size
- Shank length 3" for all drivers
- Set includes sizes: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"

Item #
KL631

KLEIN TOOLS

Phillips-Tip Screwdrivers

Round-Shanks

- Cushion-Grip handle allows for greater torque and comfort
- Patented Tip-Ident® quickly identifies the type of screwdriver and screwdriver tip orientation
- Premium chrome plated for smooth feel and corrosion resistance
- Internal Flanges inside handle provide solid, twist-resistant blade anchor
- Special heat-treated shafts; precision-machined tip for exact fit
- Provides accurate fit and torque without slippage

Item #	Point Size	Shank Length (in.)	Overall Length (in.)
KL603-1	No. 2	1½	3 7/16
KL603-3	No. 1	3	6¾
KL603-4	No. 2	4	8 5/16
KL603-6	No. 3	6	11
KL603-7	No.2	7	11 5/16
KL603-10	No. 2	10	14 5/16

KLEIN TOOLS

Screwdrivers/Nut Drivers

- Cushion-grip handle for greater torque and added comfort
- End of handle is marked to quickly identify tool
- Overall Length: 7-3/8"

Sizes:

- 32476: 5/16" nut driver, #2 Phillips, 9/32" slotted, #1 Phillips, 3/16" slotted
- 32477: 5/16" nut driver, 1/4" nut driver, #2 Phillips, 1/4" slotted, #1 Phillips, 3/16" slotted, #15 Torx®, #10 Torx®, #1 square, #2 square
- 32500: 3/8", 5/16", 1/4" nut drivers, #1 and #2 Philips, 1/4" and 3/16" slotted, #10 and #15 Torx®, #1 and #2 square recess

Item #	Type
KL32476	5-in-1
KL32477	10-in-1
KL32500	11-in-1

KLEIN TOOLS

Magnetic Screwdriver

w/ 32-Piece Tamperproof Bit Set

- Cushion-grip handle for greater torque and comfort
- Sturdy bit and screw holding magnet
- Includes complete tamperproof bit set in block
- Torx® bits included: T7, T8, T10, T15, T20, T25, T27, T30 and T40
- Fraction Hex bits included: 3/32", 7/64", 1/8", 9/64", 5/32", and 3/16"
- Metric Hex bits included: 2 mm, 2.5 mm, 3 mm, 4 mm, and 5 mm
- Spanner bits included: 4, 6, 8, and 10
- Tri-Wing® bits included: 1, 2, 3 and 4
- Torq-Set® bits included: 6, 8 and 10
- Includes 1/4" square to 1/4" hex adaptor to drive sockets

Item #
KL32510

KLEIN TOOLS

Cushion-Grip Nut Drivers

Hollow-Shaft

- Full hollow shafts facilitate work
- Internal flanges provide solid, twist-resistant shaft anchor
- Premium chrome plated for smooth feel and corrosion resistance
- Cushion-Grip handle allows for greater torque and comfort
- Fits over long bolts and studs

Item #	Color Code	Hex Size (in.)
KL630-3/16	Black	3/16
KL630-1/4	Red	1/4
KL630-5/16	Yellow	5/16
KL630-11/32	Green	11/32
KL630-3/8	Blue	3/8
KL630-7/16	Brown	7/16
KL630-1/2	Red	1/2
KL630-9/16	Orange	9/16
KL630-5/8	Yellow	5/8

KLEIN TOOLS

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads
- Extra-heavy-duty head area gives maximum strength and durability
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt and/or hole sizes without binding
- Extra-large hub area works on larger diameter holes than other wrenches
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification
- American Bridge design

Item #	Bolt Size (in.)	Nominal Opening (in.)	Length (in.)
KL3210	1/2	7/8	14 1/2
KL3211	5/8	1 1/16	14 3/4
KL3212	3/4	1 1/4	16 1/2
KL3213	7/8	1 7/16	17 1/4
KL3214	1	1 5/8	17 11/16
KL3219	1/2	3/4	14 5/8
KL3220	1/2	13/16	14 1/2
KL3221	5/8	1	14 3/4
KL3222	3/4	1 1/8	16 1/2
KL3223	7/8	1 5/16	17 1/4
KL3224	1	1 1/2	17 11/16

KLEIN TOOLS

Ratcheting Construction Wrench

1/2" Drive

- Accepts 1/2" square-drive hex socket
- Reversible ratchet
- Eliminates the need for carrying several fixed-size wrenches
- Forged from select alloy steel with continuous-taper handle for aligning bolt holes
- Industrial black finish for corrosion resistance
- Overall Length: 15"

Item #
KL3238

KLEIN TOOLS

Construction Wrench

Adjustable-Head

- Versatile wrench fits all nuts and bolts to 1-1/2"
- Eliminates the need for carrying several fixed-size wrenches
- Drop-forged from select alloy steel with continuous-taper handle
- Industrial black finish
- Max. Size Capacity: 1-1/2"
- Length: 16"

Item #
KL3239

KLEIN TOOLS

Adjustable Wrenches

Standard-Jaw

- Drop-forged from the finest steel alloy, hardened, and thoroughly tempered for great strength
- Wrench openings are smooth and accurately broached for close, correct fit to prevent slipping
- Handles are rounded and shaped for comfortable use
- Chrome finish

Item #	Length (in.)	Capacity (in.)
KL506-15	15 7/8	1 11/16
KL500-18	18 1/4	2 1/16
KL500-24	24	2 1/2

KLEIN TOOLS

Leather-Bottom Bucket

- Made of No. 1 canvas
- Leather reinforced bottom, extending 3" up the side
- 8"x8" inside pocket
- Rope handle
- 12" top and bottom dia., 17" height

Item #
KL5104

KLEIN TOOLS

Straight-Wall Bucket

- Made of heavy duty No. 6 canvas
- Black molded polypropylene bottom
- Rope handle
- 9” diameter, 14” height

Item #
KL5106

KLEIN TOOLS

Straight-Wall Bucket

Wide-Opening

- Made of heavy-duty No. 6 canvas
- Black molded polypropylene bottom
- Rope handle
- One 8”x8” inside pocket
- 12” diameter, 15” height

Item #
KL5109

With Swivel Snap

KL5109PS

KLEIN TOOLS

Oval Bucket

Aerial-Basket

- Made of heavy No. 6 canvas
- Black molded polypropylene bottom
- Two nylon polymer hooks
- 15 inside pockets
- 14” length, 7” width, 10” height

Item #
KL5144

KLEIN TOOLS

Tapered-Wall Bucket

- Made of tough No. 4 canvas
- Black molded polypropylene bottom
- Rope handle
- Riveted leather glove strap
- Equipped with swivel snap hook
- 15 inside pockets
- 12” top, 9” bottom, 12” height

Item #
KL5172PS

KLEIN TOOLS

Bull Pin Holder

- Leather construction; riveted to assure long life
- Holders for Klein bull pins
- Holds all standard bull pins
- Tunnel belt connection
- Belt Width: up to 3-1/2"
- Overall size: 3-1/4" x 12-1/4"

Item #
KL5417T

KLEIN TOOLS

Electrode Bag

- Bag is tough No. 4 canvas with heat-resistant hard-leather bottom
- Web loop for sliding over belt
- 2-1/2” diameter, front depth 12”

Item #
KL5471

KLEIN TOOLS

Bull-Pin and Bolt Bags

- No. 4 canvas with double bottom
- Bolt bag with bull-pin loop on each side
- Belt capacity: up to 3” wide
- Depth: 10”; Length: 5”; Width: 9”

Item #	Desc.
KL5416	Loops for belt
KL5416T	Tunnel for belt

KLEIN TOOLS

Tool Holder

- Leather construction; no exposed rivets on back
- Pockets for 7”, 8” and 9” pliers, screwdrivers, folding rules and O.E. wrenches
- Nickel plated alloy snap
- Slotted to fit 2” wide belt
- 6-1/2”x11”

Item #
KL5118C

KLEIN TOOLS

Erection Wrench Holder

- Leather construction; tunnel loop is riveted to assure long life
- Has tool slots for two erection wrenches
- Holds erection wrenches and adjustable head construction wrench
- Belt width: up to 3-1/2” or to slide over D-rings, buckles, and other accessories
- Overall size: 6” x 9-1/2”

Item #
KL5459T

KLEIN TOOLS

Electrician Scissors

- Stainless steel blades to maintain blade durability and sharpness
- Blade is fully serrated for non-slip cutting action
- Free-fall snip feature for ease of use
- Cuts electrical communication 19-AWG and 23 AWG wire
- Extended handle provides comfort and cutting leverage for wire cutting application
- 56 HRC
- Overall Length: 6-5/16”
- Cutting Length: 1-7/8”

Item #
KL2100-8

KLEIN TOOLS

Electrician Snips

- Stainless steel blades to maintain blade durability and sharpness
- Blade is fully serrated for non-slip cutting action
- Cuts electrical communication 19-AWG and 23 AWG wire
- 56 HRC
- Overall Length: 5-1/4”
- Cutting Length: 1-7/8”

Item #
KL2100-9

KLEIN TOOLS

Cable Splicers Kit

- Cable-splicer's knife No. 44200
- Electrician's scissors with stripping notches
- Slotted leather holder for belts up to 2" wide
- Nominal Size: 2-1/8” x 7-1/2”

Item #
KL46037

KLEIN TOOLS

Tie-Wire Reel

- Rugged, lightweight reel feeds pre-coiled wire smoothly, easily, and quickly
- Designed for left or right hand use
- 6-1/4” dia. x 2-15/16” W
- Has large, comfortable rewind knob
- Easily removed cover plate that permits quick, convenient reloading

Item #
KL27400

KLEIN TOOLS

Tie-Wire Reel Pad

- Worn on the belt under tie-wire reel
- Made of 3/16" thick rigging leather
- With slots to accommodates belts up to 2" wide
- Pad size is 7"x7" with rounded corners
- Underside has a sponge-rubber pad to minimize hip fatigue

Item #
KL27450

KLEIN TOOLS

Conduit Reamers

Thin-Wall

- Locks onto screwdriver, reams and smoothes 1/2", 3/4" and 1" thin-wall conduit-ends
- Reams inside/outside at the same time
- Fits up to 3/8” keystone-tip screwdrivers

Item #
KL19352

KLEIN TOOLS

Scratch Awl

- Scribes metal, starts screw holes, performs a variety of piercing and punching jobs
- Rigid, chrome-plated, heat-treated, tempered-steel shank has full reinforcing bolster at handle for extra strength
- Flanged shank is anchored deep in full-sized amber plastic handle
- Cushioned Grip

Item #	Overall length (in.)	Blade length (in.)
KL650	7	3-1/2

KLEIN TOOLS

Tapping Tool

Six-in-One

- Quickly forms new threads, re-forms burred threads, and cleans out plaster obstructions
- Each tap size rethreads to next larger size if threads are stripped
- Two high-carbon steel taps are secured in reversible holder
- Six clearly marked thread sizes: 6-32, 8-32 and 10-32, 10-24, 12-24 and 1/4-20”

Item #	Overall Length (in.)
KL627-20	7-1/2

KLEIN TOOLS

Replacement Tap

- For No. 627-20 six-in-one tool

Item #	Tap Sizes
KL628-20	¼-20, 12-24, 10-24

KLEIN TOOLS

Grizzly® Bar

- A heavy, strong, multi-purpose tool that saves time and effort on the job
- The 3" width protects concrete when stripping forms
- Efficient blade angle and 55-1/2" total length provide high leverage as a crow bar and nail and spike puller
- Blade is forged and hardened alloy with keyhole nail-pulling slot in center and V-notch in tapered edge

Item #
KL64306

KLEIN TOOLS

Broad-Head Bull Pins

- Forged, heat-treated bull pin increases efficiency by providing a larger striking surface; black finish
- Design of the head also reduces chance of pin slipping from the hand when aligning holes
- Angled head and smooth blending of radii increase strength and reduce the danger of chipping
- Below the head, squared-off shoulders have been forged to provide a surface for applying wrench to loosen wedged bull pins

Item #	Top Diameter (in.)	Point Diameter (in.)	Length (in.)
KL3255	1¼	5⁄16	13
KL3256	1 1⁄16	¼	10

KLEIN TOOLS

Connecting Bars

Round

- Provides extra leverage when positioning steel members and aligning bolt holes
- Forged fit-up bar is pointed on one end
- Chisel-end is at a 15° angle to give even greater leverage

Item #	Dia. (in.)	Length (in.)
KL3245	¾	30
KL3247	¾	24
KL3248	⅞	30
Straight Chisel End		
KL3241	¾	30

KLEIN TOOLS

Connecting Bars

Hex

- Provides extra leverage when positioning steel members and aligning bolt holes
- Forged fit-up bar is pointed on one end

Item #	Hex Dia. (in)	Length (in)
Chisel-End at 15° angle		
KL3242	¾	30
KL3244	¾	24
Straight Chisel-End		
KL3240	¾	30

KLEIN TOOLS

Rebar Hickey

- Exceptionally durable steel-alloy head
- Extra-strong handle to withstand punishing service conditions
- Hickey size: 4
- Bends Rebar Size: Nos. 7 (.875” dia.), 8 (1” dia.), 9 (1.128” dia.)
- Head Type/Bend Angle: Single/65º
- Handle Length: 60”

Item #
KL64312

KLEIN TOOLS

Barrel-Type Drift Pins

- Machined from quality alloy steel
- Tapers are uniform and blend into body diameter
- Tough, forged steel will properly end-pein in use
- Heat-treated for strength
- Black finish for rust resistance

Item #	Max Diameter (in.)	Point Diameter (in.)	Overall Length (in.)
KL3260	1 1⁄16	5⁄16	7½
KL3261	13⁄16	7⁄16	8
KL3262	15⁄16	½	8

Access Equipment, Material Handling, & Storage

LOUISVILLE LADDER CORP.

Fiberglass Step Ladders

Type IA 300 Lb. Rated

FS1500 Series

- ProTop™ is versatile and durable
- Heavy duty bottom back brace provides additional strength to the bottom of the ladder
- Slip Resistant Rubber Feet

Item #	Size (ft.)	Bottom Wdth. (in.)	Approx. Spread (in.)	Approx. Wt. (lbs.)
LOFS1502	2	17	18¼	8
LOFS1503	3	18⅞	23	12
LOFS1504	4	18⅞	28	14
LOFS1505	5	20⅜	34	17
LOFS1506	6	21⅞	40	20
LOFS1508	7	25⁹⁄₁₆	52¾	26
LOFS1510	10	27⅞	65	34
LOFS1512	12	30⅞	78	47

LOUISVILLE LADDER CORP.

Fiberglass Step Ladders

Type IAA 375 Lb. Rated

Brute™

- ProTop™ is versatile and durable
- Insider spreader braces
- Wide back braces

Item #	Size (ft.)	Bottom Width (in.)	Approx. Spread (in.)	Approx. Wt. (lbs.)
LOFS1404HD	4	18⅞	28	15
LOFS1406HD	6	21⅞	40	21
LOFS1408HD	8	24⅞	52	28
LOFS1410HD	10	27⅞	65	34
LOFS1412HD	121	30⅞	78	51

LOUISVILLE LADDER CORP.

Fiberglass Twin Front Ladders

Type IAA 375 Lb. Rated

FM1400 Series

- Da Boot provides strength and durability
- Thick non-marring provides a slip resistant footing
- Heavy double gusset bracing
- Each side is designed to support one person including materials up to 375 lbs.
- Total combined weight on ladder must no exceed 750 lbs. (375 lbs. per side)

Item #	Size (ft.)	Bottom Width (in.)	Approx. Spread (in.)	Approx. Wt. (lbs.)
LOFM1414HD	14	34¾	113	84
LOFM1416HD	16	37¾	128	100

LOUISVILLE LADDER CORP.

Fiberglass Twin Front Ladders

Type IAA 300 Lb. Rated

FM1500 Series

- Each side is designed to support one person including materials up to 300 lbs.
- Total combined weight on ladder must no exceed 600 lbs. (300 lbs. per side)

Item #	Size (ft.)	Bottom Width (in.)	Approx. Spread (in.)	Approx. Wt. (lbs.)
LOFM1504	4	19⁹⁄₁₆	37½	19
LOFM1505	5	21⅛	44⅞	22
LOFM1506	6	22⁹⁄₁₆	52⁵⁄₁₆	27
LOFM1507	7	24⅛	59¹¹⁄₁₆	30
LOFM1508	8	25⁹⁄₁₆	67⅛	34
LOFM1510	10	28⁹⁄₁₆	81¹⁵⁄₁₆	44
LOFM1512	12	31⅛	96¾	62

LOUISVILLE LADDER CORP.

Fiberglass Extension Ladders

Type IA, 300 Lb. Rated

FE 7200 Series

- Tempered, serrated aluminum D-rungs provide for a slip-resistant surface

Item #	Total Length (ft.)	Length Ea. Section (ft.)	Max Ext. Length (ft.)	Approx. Wt. (lbs.)
LOFE7236	36	18	32	110
LOFE7240	40	20	35	117

LOUISVILLE LADDER CORP.

Tripod Ladders

Type IA 300 Lb. Rated

FT1000 Series

- Full metal boot, aluminum angle feet with thick slip resistant rubber tread

Item #	Size (ft.)	Bottom Width (in.)	Approx. Spread (in.)	Approx. Wt. (lbs.)
LOFT1004	4	32½	35	17
LOFT1005	5	34	35	20
LOFT1006	6	35½	41	24
LOFT1007	7	40 11/16	48	27
LOFT1008	8	42 3/16	54	31
LOFT1010	10	52¼	66	44
LOFT1012	12	55¼	78	53

LOUISVILLE LADDER CORP.

Fiberglass Extension Ladders

Type IA 300 Lb. Rated

FE3200 Series

- Flat top, D-shape provides greater standing area than round rungs; fully serrated for slip-resistant surface

Item #	Total Lgth. (ft.)	Lgth. Ea. Section (ft.)	Max. Extended Lgth. (ft.)	Approx. Wt. (lbs.)
LOFE3216	16	8	13	35
LOFE3220	20	10	17	43
LOFE3224	24	12	21	50
LOFE3228	28	14	25	57
LOFE3232	32	16	29	68

LOUISVILLE LADDER CORP.

Aluminum Extension Ladders

Type IA 300 Lb. Rated

AE2000 Series

- Tempered aluminum D-rungs are hydraulically double crimped to side rails and fully serrated for a slip-resistant surface

Item #	Total Lgth. (ft.)	Lgth. Ea. Section (ft.)	Max. Extended Lgth. (ft.)	Approx. Wt. (lbs.)
LOAE2216	16	8	13	30
LOAE2220	20	10	17	37
LOAE2224	24	12	21	42
LOAE2228	28	14	25	55
LOAE2232	32	16	29	62
LOAE2240	40	20	35	82

LOUISVILLE LADDER CORP.

Telescoping Planks

Ladder Pro™

- Manufactured with heavy wall aluminum tubing to prevent the twisting and flexing
- Built-in, skid-resistant surface reduces slips
- Stores and transports in approximately half of its fully-extended length

Item #	Plank (ft.)	Stand. Extension (ft.)	Width (in.)	Approx. Wt. (lbs.)
LOLP-2921-13A	13	8-13	12	39
LOLP-2921-16A	16	10-16	12	49

LOUISVILLE LADDER CORP.

Ladder Stabilizers

Ladder Pro™

- Fits extension and single ladders with rail up to 4"x1-3/4"
- Holds ladder 12" from wall and spans 48" to clear most windows
- Attach with 2 U-bolts and feature replaceable extra heavy duty rubber tips

Item #
LOLP-2200-00

Access Equipment, Material Handling, & Storage

LOUISVILLE LADDER CORP.

Adjustable Stabilizer

Ladder Pro™

- Fits extension and single ladders with rail up to 4"x1-3/4"
- Aluminum bracket with vertical adjustments hold ladder from 13" to 25" from wall and spans 48" to clear most windows
- Attach with 2 U-bolts and feature replaceable extra heavy duty rubber tips

Item #
LOLP-2210-00

LOUISVILLE LADDER CORP.

Pro-Guards

Ladder Pro™

- Fits most fiberglass and aluminum extension and single ladders

Item #
LOLP-5510-00

LOUISVILLE LADDER CORP.

Ladder Leveler

- Features plated steel construction and a safety guard to protect from accidental release
- Maximum differential of 15”
- Ideal for using on extension or straight ladders on uneven surfaces

Item #
LOLP-2300-00

LOUISVILLE LADDER CORP.

Runglock Replacement Kit

QuickLatch

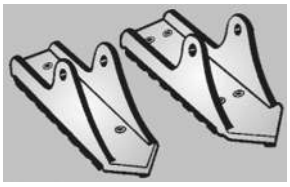
- Runglock replacement kit

Item #	Fits Series
LOPK100A	All FE1600
LOPK100C	All FE3200
LOPK100D	All AE3200

LOUISVILLE LADDER CORP.

Swivel Safety Shoe Kit

- Replacement for aluminum or fiberglass ladders



Item #	Fits Series
LOPK110D	All AE3200, All FE3200

GUARDIAN FALL PROTECTION

Basemate Ladder Stabilizer

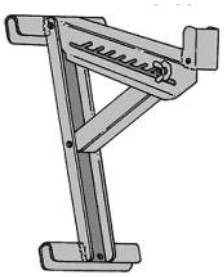
- Cuts the risk of falls by allowing ladders to remain stable on uneven ground
- Easily attaches to the bottom of any standard ladder
- Wide base gives added support/ stability to extension ladders
- Exceeds Grade 1 and to Type 1A ladder requirements by 20%
- Weight tested to 1,200 lbs.
- Made of hardened steel
- Patented triple action locking system with one foot operation (patented design)
- Installation to most fiberglass, aluminum and wood extension ladders (12” to 20” rung width)
- Adds less than 12 lbs. to the base of the ladder

Item #	Part #
GU02475	02475

STINSON

Aluminum Ladder Jacks

- Fully assembled
- Rated 250# per ladder jack
- No busted knuckles nor pinched fingers
- Fits inside and outside face of ladder
- Will accommodate up to 18" plank
- To be used with Type I or IA ladders



Item #	Desc.
MPJACKSFL	Short Body, 4½ lbs., Spans 2 rungs
MPJACKXFL	Long Body, 5½ lbs., Spans 3 rungs

STINSON

Multi-Purpose Ladders™

Little Giant®

- Heavy-wall aircraft-grade aluminum construction
- Rated to hold up to 300 lbs.
- Combines 24 different ladders into one convenient ladder system

Item #	Weight capacity	Min. extension	Max. extenstion	Min A-frame height	Max. A-frame height	Storage height
LI10102BP	300-lbs.	9’	15’	4’	7’	4’7”
LI10103BP	300-lbs.	11’	19’	5’	9’	5’7”
LI10126BP	300-lbs.	13’	23’	6’	11’	6’7”

STINSON

Multi-Purpose Leg Leveler

Little Giant®

- Safe, stable solution for uneven surfaces
- Not for use on fiberglass ladders

Item #
LI10106

STINSON

Ladder Wall Standoff

Little Giant®

- Adds more versatility to any Little Giant® ladder
- 4' span fixed position
- Attaches easily

Item #
LI10111

STINSON

Scaffold Planks

Master Plank

- Lightweight - up to 40% less than like-rated all-aluminum planks
- Stiffer than straight channeled all-aluminum planks
- Comfort of wood working surfaces, especially in temperature extremes
- Industry rated at 500 lbs. (2-man)

Item #	Width	Length	Weight (lbs.)
MPP1614	14”	15'9"	47
MPP2014	14”	19'6"	61
MPP2414	14”	23'6"	74
MPP2814	14”	27'3"	108
MPP3214	14”	31'3"	139

WARNER TOOL

Step-Up Bench

EZ-Stride®

- Made of lightweight, extruded, high-strength aluminum
- Set up quickly and easily
- Fit in tight spaces and are easy to transport
- Holds up to 300 lbs. with tools

Item #
WAR10227

WERNER CO.

Folding Access Ladders

Aluminum

- Capacity 300 lbs. (combined weight of user materials)
- Wood push/pull rod allows easy open and close
- Counter-balance mechanism eliminates sag and springiness
- Heavy-duty hinges ensure rigid structure
- Adjustable feet for easy installation and correct fit

Dimensions:

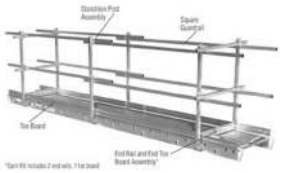
- Floor to Floor Height Range From - To (ft. & in.): 7 & 4 - 8 & 9
- Floor to Ceiling Height Range From - To (ft. & in.): 7 - 8 & 5
- Approx. Ladder Width (in.): 14-1/4
- Approx. Cu. Ft. per Unit: 8.1
- Approx. Shipping Wt. (lbs.): 47.0

Item #	Rails (in.)	Flange (in.)	Steps (in.)	R.O. Width-Length (in.)
WEA2208	3-1/2	1	3-11/16	22-1/2 x 54

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

WERNER CO.

Square Modular Guard Rail System



The following steps show how to size a single-side, three-sided, and four-sided guard rail system:

- Determine the stage length and width
- Determine whether guardrail system is one-, two-, three-, or four-sided
- Read across the row to determine component requirements
- If ordering a three- or four-sided system, order two ERT-N for 12” and 14” stages, and two ERT-W for all stages 20” wide or greater
- If ordering a two sided system, double the single sided component requirement

Item #	Desc.	Wt. Lbs.
WEERT-N	End rail and End toe board assembly-narrow	4.5
WEERT-W	End rail and End toe board assembly-wide	7
WESSP-47	Stanchion post assembly	5
WESGR-09	1½” square guardtail cut length-108”	6
WESGR-13	1½” square guardrail cut length-156”	8.5
WESTB-09	3½” toe board cut length-108”	4.5
WESTB-13	3½” toe board cut length-156”	6.5

	Single-sided					Three-sided						Four-sided					
Stage Length	SSP-47	SGR-09	SGR-13	STB-09	STB-13	SSP-47	SGR-09	SGR-13	STB-09	STB-13	ERT-N/ ERT-W	SSP-47	SGR-09	SGR-13	STB-09	STB-13	ERT-N/ ERT-W
8’	2	2	0	1	0	4	2	0	1	0	2	4	4	0	2	0	2
12’	3	0	2	0	1	5	0	2	0	1	2	6	0	4	0	2	2
16’	3	4	0	2	0	5	4	0	2	0	2	6	8	0	4	0	2
20’	4	2	2	1	1	6	2	2	1	1	2	8	4	4	2	2	2
24’	5	4	2	2	1	7	4	2	2	1	2	10	8	4	4	2	2
28’	6	2	4	1	2	8	2	4	1	2	2	12	4	8	2	4	2
32’	6	2	4	1	2	8	2	4	1	2	2	12	4	8	2	4	2
36’	6	10	0	5	0	8	10	0	5	0	2	12	20	0	10	0	2
39’	7	4	4	2	2	9	4	4	2	2	2	14	8	8	4	4	2

Call an Edge sales representative for help with guard rail.

WERNER CO.

Stage Platforms

Aluminum

Task-Master®

- Individual slip-resistant decking minimizes paint or material build-up
- Vinyl-coated end caps serve as hand grips and protect from sharp edges and surface marks
- Double end rung provides extra rigidity on stages 20' or longer - standard on stages with 5" or 6" rails
- Twist-Proof® Stage Design
- Ideal for ladder jack applications, swing stages, or catwalks

Item #	Width (in.)	Side Rail Length (ft.)	Side Rail Depth (in.)	Side Rail Flange (in.)	Approx. Shipping Wt. (lbs.)
Decorator Planks 1 Person-250 lbs. Rated					
WE2008	12	8	4	1⅜	25
WE2012	12	4	1⅜	36	
WE2016	12	16	4	1⅜	48
WE2020	12	20	5	1⅜	65
WE2024	12	24	5	1⅜	78
Scaffold Planks 2 Person-500 lbs. Rated					
WE2316	12	16	4	1⅜	48
WE2320	12	20	6	1⅜	79
WE2324	12	24	6 Heavy-Duty	1⅜	112
WE2328	12	28	6 Heavy-Duty	1⅜	131
WE2330	12	30	6 Heavy-Duty	1⅜	140
WE2332	12	32	6 Heavy-Duty	1⅜	149
WE2408	14	8	4	1⅜	27
WE2412	14	12	4	1⅜	40
WE2416	14	16	5	1⅜	58
WE2420	14	20	6	1⅜	85
WE2424	14	24	6	2	109
WE2428	14	28	6	2	127
WE2432	14	32	6 Heavy-Duty	2	182
Stage Platforms 2 Person-500 lbs. Rated					
WE2508	20	8	4	1⅜	33
WE2512	20	12	4	1⅜	48
WE2516	20	16	5	1⅜	70
WE2520	20	6	1⅜	102	
WE2524	20	24	6	1⅜	121
WE2528	20	28	6	2	157
WE2532	20	32	6	2	179
WE2608	24	8	4	1⅜	38
WE2612	24	12	4	1⅜	56
WE2616	24	16	5	1⅜	81
WE2620	24	20	6	1⅜	115
WE2624	24	6	1⅜	138	
WE2628	24	28	6	2	168
WE2632	24	32	6	2	191

Item #	Width (in.)	Side Rail Length (ft.)	Side Rail Depth (in.)	Side Rail Flange (in.)	Approx. Shipping Wt. (lbs.)
WE2708	28	8	4	1⅜	41
WE2712	28	12	4	1⅜	60
WE2716	28	16	5	1⅜	87
WE2720	28	20	6	1⅜	124
WE2724	28	24	6	1⅜	147
WE2728	28	6	2	187	
WE2732	28	32	6	2	213
Stage Platforms 3 Person-750 lbs. Rated					
WE3112	24	12	4	2	64
WE3116	24	16	5	2	92
WE3120	24	20	5	2	115
WE3124	24	6	2	145	
WE3128	24	28	6 Heavy-Duty	2	204
WE3132	24	32	6 Heavy-Duty	2	236
WE3136	24	36	6 Heavy-Duty	2	323
WE3139	24	39	6 Heavy-Duty	2	365
WE3208	28	8	4	2	48
WE3212	28	12	4	2	71
WE3216	28	16	5	2	103
WE3220	28	20	5	2	128
WE3224	28	24	6	2	161
WE3228	28	6 Heavy-Duty	2	220	
WE3232	28	32	6 Heavy-Duty	2	251
WE3236	28	36	6 Heavy-Duty	2	344
WE3239	28	39	6 Heavy-Duty	2	388

• Edge rents & repairs span planks.

• Call today to check out our large inventory.

SAFWAY

SAFWAY SERVICES

Mobile Work Platform

Safway©

Safway's Mobile Work Platforms are one of the safest options for painters, plasterers, maintenance workers and various other trades that require a firm working platform

Secure:

- A swing-in gate on each side of the platform offers safe access, and guardrail panels always provide the correct guardrail location, regardless of the platform level
- Two guardrail panels(complete with toeboards) connect to provide proper guardrail protection on all four sides
- There are no loose nuts and bolts, and no special tools are required for construction

Durable:

- Rigid square steel construction
- Special side brace configuration that protects the plywood deck
- Platform side braces that attach to frames with heavy-duty spring-loaded lock pins that are secured when rotated
- 5" casters that are equipped with a wheel and swivel lock

User Friendly:

- Easily set up by one person
- glides through 30" wide doorways
- Independent adjustment of each ladder frame permits use on stairways
- Platform adjusts up or down in 4" increments
- Side braces allow movement over lower obstacles and eliminates the need for lower cross braces
- Workers can climb ladder frames at either end for easy platform access
- A disassembled unit can be stored in the space required for a step ladder

SWP includes:

- (2) 6' ladder frames
- (2) side braces
- (1) plywood platform
- (4) 5" casters
- (4) snap pins

Item #	Weight (lbs.)
SASWP	150

SAFWAY SERVICES

Guardrail Panel Assembly

Safway©

SWPGRA includes:

- (2) 6' guardrail panels
- (4) hinge pins

Item #	Weight (lbs.)
SASWPGRA	72

SAFWAY SERVICES

Platform Extension Assembly

Safway©

SWP3X includes:

- (2) 39" ladder frames
- (1) plywood platform
- (2) side braces
- (4) snap pins

SWP6X includes:

- (2) 6' ladder frames
- (1) plywood platform
- (2) side braces
- (4) snap pins

Item #	Weight (lbs.)
SASWP3X	104
SASWP6X	126

SAFWAY SERVICES

Narrow Outrigger Assembly

Safway©

SWPNORA includes:

- (4) narrow outriggers
- (4) 5" casters
- (4) snap pins

Item #	Weight (lbs.)
SASWPNORA	152

GUARDIAN FALL PROTECTION

Pump Jack Systems

Qual-Craft

- Accommodates (2) 2"x10" wood planks w/ toe boards attached
- Foot action does all the work
- Raise to position and lower with the hand crank
- Positive double-lock system brake secures itself to wood poles
- For use with fabricated wood poles constructed of spliced 2x4's up to 30' in height
- Special hand crank to maximize performance and durability

Item #
QC2200

Access Equipment, Material Handling, & Storage

GUARDIAN FALL PROTECTION

Pump Jack Systems

Brace

Qual-Craft

- Accommodates (2) 2”x10” wood planks w/ toe boards attached
- Foot action does all the work
- Raise to position and lower with the hand crank
- Positive double-lock system brake secures itself to wood poles
- For use with fabricated wood poles constructed of spliced 2x4’s up to 30’ in height
- Special hand crank to maximize performance and durability

Item #
QC2201

GUARDIAN FALL PROTECTION

Wall Jack

Qual-Craft

- Constructed of heavy-duty malleable iron castings
- Designed for use with one 2 x 4 pole
- Capacity: 1000 lbs. per jack
- For use with 1” OD steel pipe

Item #
QC2601

GUARDIAN FALL PROTECTION

Fixed Roof Brackets

Qual-Craft

- Commercial grade-11 gauge steel construction
- Unit has slots for easy installation & removal without damaging the shingles

Item #	Size	Desc.
QC2501	10” x 45°	Fits 2x10 plank
QC2504	10” x 45°	Fits 2x6 plank

GUARDIAN FALL PROTECTION

Adjustable Roof Brackets

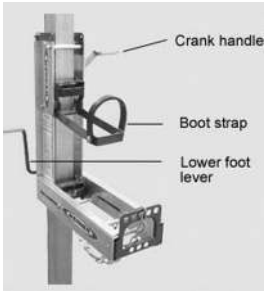
Qual-Craft

- For use on variable pitched roofs
- 10” adjustable platform
- 3-position platform: 30°, 45°, 60°
- For easy installation and removal without damaging the shingle
- Capacity: 1 worker plus 40 lbs. per 8’ staging
- Maximum 8’ spacing between brackets

Item #
QC2500

WERNER CO.

Pump Jack System



- Easy to assemble
- Compatible with most major aluminum systems

Item #	Desc.	Width (in.)	Length (in.)	Height (in.)
WEPJ-6P	6’ Aluminum pole	3	74.5	3.4
WEPJ-12P	12’ Aluminum pole	3	146.5	3.4
WEPJ-18P	18’ Aluminum pole	3	217.5	3.4
WEPJ-24P	24’ Aluminum pole	3	290.5	3.4
WEPJ-100	Pump Jack	24	28.75	9.5
WEPJ-ERN	End rail kit(narrow)	6	49	9
WEPJ-ERW	End rail kit(wide)	5	49	9
WEPJ-PC	Pole Connector	3.5	73	3
WEPJ-PF	Pole foot	8.5	3.5	
WEPJ-SBF	Foldable support brace	6.5	54	3
WEPJ-SBR	Rigid support brace	37	38	3
WEPJ-SN	Safety net	8	24	8
WEPJ-WB	Work bench	20.5	21	8.5

WERNER CO.

Nestable Stages

For Use With The Pump Jack System

- Continuous work platform reduces trip hazard; 2-person - 500 lb. rating

Item #	Desc.
WEWNS2412	14”x12’ Stage
WEWNS2520	20”x20’ Stage
WEWNS2416	14”x16’ Stage
WEWNS2524	20”x24’
WEWNS2420	14”x20’ Stage
WEWNS2612	24”x12’ Stage
WEWNS2424	14”x24’ Stage
WEWNS2616	24”x16’ Stage
WEWNS2512	20”x12’ Stage
WEWNS2620	24”x20’ Stage
WEWNS2516	20”x16’
WEWNS 2624	24”x24’ Stage

GENIE INDUSTRIES

Aerial Work Platforms

AWP™ Super Series™

- Auxiliary platform lowering
- Easily rolls through standard doorways
- AC power to platform
- Small outrigger footprints
- Easy loading in pickup trucks
- Rear access forklift pocket
- LED lights confirm proper set-up
- Also available in DC

Item #	Platform Height	Working Height	Capacity (lbs.)
GNAWP-25SAC	24’ 10”	30’ 10”	350
GNAWP-30SAC	29’ 6”	35’ 6”	350

GENIE INDUSTRIES

Contractor Lift

Superlift SLC™

- Loads easily into a pickup truck for transporting
- Rear transport wheel assembly
- Two speed winch
- Stabilizer set (standard on SLC-18 and SLC-24)
- Height - Stowed: 86 in.
- Length - Stowed: 34 in.
- Width: 31-1/2 in.
- Load Height - Minimum: 6 in...
- Load Capacity - 14 in. (36cm)
- Load Center - 650 lbs.

Item #	Net Weight - Standard Base (lbs.)	Working Height Standard Forks Down	Working Height Standard Forks Up	Length - Operating (in.)
GNSLC-12	225	11’ 2”	12’ 11”	63
GNSLC-18	307	16’ 9”	18’ 6”	73
GNSLC-24	374	22’ 3”	24’	81

Call for a demo or more information on these products.

GENIE INDUSTRIES

Scissor Lift

Electric Self-Propelled

GS™

- The solid steel deck platform has a slip-resistant surface
- Heavy-duty guardrails fold down quickly without tools for increased accessibility
- Built-in lanyard attachment points are provided

Standard Features:

- 39 in. (1 m) roll-out platform extension
- Proportional controls for lift and drive functions
- AC wiring to platform
- Manual platform lowering valve
- Tilt sensor with an audible alarm
- Pothole guards
- Automatic 25 amp battery charger
- Non-marking tires
- Hour meter

Item #	Lift Capacity ANSI, CE (lbs.)	Raise/ Lower Speed (sec)	Working Height (ft.)	Platform Height (ft.)	Height - Stowed (Guardrails Folded) (in.)	Height - Stowed (Guardrails) (in.)	Height - Stowed (Platform) (in.)	Wt
GNGS-2646	1,000	30/24	32	26	68	89¾	46	4530

GENIE INDUSTRIES

Material Lift

Manually-Operated

Superlift®

- Standard base
- Available in 5, 10, 15, 20 & 25 foot heights
- Field-proven durability and dependability
- Welded steel base for extra support
- Stabilizers standard on 20 & 25 foot models
- No loose parts
- Stored height is 78-1/2 in.
- Width of standard base is 31-1/2 in.
- Ground clearance is 2 in.
- Includes standard forks

Item #	Working Ht. Forks Down	Working Ht. Forks Up	Load Cap. at 18" (lbs.)	Wt
GNSLA-5	4'10"	6'7"	1000	215
GNSLA-10	9'9"	11'5½"	1000	260
GNSLA-15	14'7½"	16'4"	800	317

GENIE INDUSTRIES

Scissor Lift

Electric Self-propelled

GS™

- The solid steel deck platform has a slip-resistant surface
- Telescopic end rail can be raised to accommodate large loads
- Built-in lanyard attachment points

Standard Features:

- 39 in. (1 m) roll-out platform extension
- Compact design
- Automatic 25 amp battery charger
- Pothole guards and non-marking tires
- AC wiring to platform with tilt level sensor and audible alarm
- Turning Radius Outside: 61”
- Power Source: 24V (4 6V 245AH Batteries)
- Drive Speed - Stowed: 0-2.5 mph;Drive Speed - Raised: 0-0.6 mph
- Extension Deck Lift Capacity: 250 lbs.
- Length - Stowed: 72”
- Width: 30”
- Wheelbase: 52”
- Ground Clearance: 2-5/8”
- Platform Length - Outside: 64-3/8”; Platform Width - Outside: 29 1/4”; Platform Length - Extended: 103-3/8”
- Guard Height - ANSI/CSA: 39”; Guard Height - CE: 43-3/8”
- Gradeability: 30%
- Pothole Protection: Standard

Item #	Lift Capacity (lbs.)	Working Height ft. (in.)	Platform Height ft. (in.)	Height - Stowed (Guardrails) ANSI, CSA (in.)	Height - Stowed (Guard-rails) CE (in.)	Height - Stowed (Platform) (in.)	Wt
GNGS-1530	600	21	15	76	80	36½	2658
GNGS-1930	500	25 (1)	19 (1)	78	82½	38½	2956

GENIE INDUSTRIES

Material Lift

Manually-Operated

Superlift®

- Standard base
- Compact design allows you to lift and maneuver in congested work areas; great for general lifting and delivery of materials
- Available in 4 and 8 foot lift heights
- Low loading height
- Optional stair rollers for easy movement on stairways
- Standard forks dimensions: 22-1/2 in. length and 20-1/2 in. width to center of forks
- Also available in straddle base

Item #	Working Ht. Forks Down	Working Ht. Forks Up	Load Cap. at 12” (lbs.)	Wt
GNGL-4	4’1½”	5’11”	500	113
GNGL-8	8’3”	10’½”	400	132

Access Equipment, Material Handling, & Storage

GENIE INDUSTRIES

Material Lift

Super Hoist™

- Powered by either CO2 or compressed air
- The Super Hoist sets up in seconds — no tools required
- The one-piece platform attaches to cylinder with a twist of the wrist
- Wheel brakes

Item #	Height Stowed	Lifting Height	Capacity (lbs.)
GNGH3.8	3’ 5”	12’ 5.6”	300
GNGH5.6	4’ 6”	18’ 4.5”	250

SUMNER

Material Lifts

Series 2100

- 650 lb. capacity
- Rolls through standard doorways & tail gates
- Loading Bar - great for overhead cranes
- Reversible forks
- Plunger pins for quick readjustment and compact storage
- Lockable, 5" polyurethane casters
- Load cable feeds inside mast (no more exposed cable just inches away from operator's face)

Item #	Model #	Max. Height	Lifting Cap. (lbs.)
Series 2100 Contractor Lifts			
SU783650	2112	13’1”	650
SU783651	2118	18’6”	650
SU783652	2124	23’11”	650

LIFT-ALL®

Ratchet Tie Downs

Polyester

- Two piece assemblies with one fixed length of webbing and one adjustable length of webbing

Item #	Size	Hook Type
LF61001	2” x 27’	Flat
LF26422	2” x 27’	U
LF6100-00291	2” x 40’	Flat

LIFT-ALL®

Nylon Web Slings

Eye and Eye

- Red core yarn warning system aids in the inspection process
- Tuff-Tag provides serial numbered identification for traceability & provides required OSHA information for the life of the sling, not just the life of the tag
- Yellow treatment for abrasion resistance and extended sling life
- Nylon stretches more to help avoid shock loading

Item #	Sling Size (in. x ft.)
1-Ply	
LFEE1-801T-3	1 x 3
LFEE1-801T-10	1 x 10
LFEE1-802T-5	2 x 5
2-Ply	
LFEE2-801-3	1 x 3
LFEE2-801-4	1 x 4
LFEE2-801-6	1 x 6
LFEE2-801-8	1 x 8
LFEE2-801-10	1 x 10
LFEE2-801-12	1 x 12
LFEE2-802-3	2 x 3
LFEE2-802-4	2 x 4
LFEE2-802-6	2 x 6
LFEE2-802-8	2 x 8
LFEE2-802-10	2 x 10
LFEE2-802-12	2 x 12
LFEE2-802-14	2 x 14
LFEE2-802-16	2 x 16
LFEE2-802-20	2 x 20
LFEE2-803-6	3 x 6
LFEE2-803-8	3 x 8
LFEE2-803-20	3 x 20
LFEE2-804-20	4 x 20

LIFT-ALL®

Ratchet Tie Downs

1" Wide Polyester

- Two piece assemblies with one fixed length of webbing and one adjustable length of webbing
- Ultimate strength - 2,100 lbs.
- Working load limit - 700 lbs.

Item #	Size (in. x ft.)	Hook Type
LF60101-8	1 x 8	U
LF60101-12	1 x 12	U
LF60101-16	1 x 16	U
LF6A103B	1 x 15	Coated Open Hook

LIFT-ALL®

Endless Flat & Round Sling

Polyester

Tuflex

Roundsling construction protects all load carrying core yarns from abrasion with an independent, woven jacket. Replacement is not necessary until the red striped white core yarns can be seen through holes in the jacket. When core yarns are visible, sling must be removed from service. Tuflex roundslings provide double wall protection for extended sling life.

- Transverse pick yarns position surface yarns and protect core yarns
- Woven surface yarns also protect core yarns carry no load while longitudinal core yarns carry 100% of load
- Red core warning yarns

Item #	Length (ft.)	Body Dia. Relaxed (in.)	Width at Load (in.)	Rated Capacity Vertical (lbs.)	Rated Capacity Choker (lbs.)	Rated Capacity V. Basket (lbs.)
LFEN30-4	4	⅝	1⅛	2,600	2,100	5,200
LFEN30-8	8	⅝	1⅛	2,600	2,100	5,200
LFEN2-802	10	⅝	1⅛			

LIFT-ALL®

Vehicle Recovery Strap

Tow-All

- Aids in removing vehicles stuck in snow, mud, sand and ditches
- Made from strong durable Tuff-Edge II webbing with sewn eyes, lined with premium abrasion resistant webbing, on each end
- Attaches quickly to vehicle frames or towing hooks

Item #	Size (in. x ft.)	Rated Cap. (lbs.)	Breaking Strength (new) (lbs.)	Ply
LFTS1-80230	2 x 30	5300	16000	1
LFTS2-80230	2 x 30	10700	32000	2

COLUMBUS MCKINNON CORP.

Mini Ratchet Lever Hoist

Series 602/603

- Plated load chain
- Weston-type load brake
- Lightweight design weighs only 5 pounds for ease of operation and portability; use in confined conditions with one hand operation
- Free chaining feature serves to quickly attach the load

Item #	Rated Cap. (lbs.)	Standard Lift (ft.)
CM0210	550	5
CM0214	550	10
CM0215	1,100	5
CM0216	1,100	10

COLUMBUS MCKINNON CORP.

Lever Hoist

Series 653

- Ideal for construction and industrial applications
- High quality, rugged, steel tool for close quarter pulling, stretching, and hoisting applications
- Hardened steel load sharing gears
- Double pawl arrangement for assured load control
- Forged upper and lower hooks with heavy cast steel latches

Item #	Load Rating (tons)	Lift or Reach (ft.)	Level Pull to Life Rated (lbs.)
CM5310	¾	5	33
CM5311	¾	10	33
CM5312	¾	15	33
CM5313	¾	20	33
CM5328	1	10	44
CM5315	1½	5	51
CM5316	1½	10	51
CM5317	1½	15	51
CM5318	1½	20	51
CM5329	2	15	68
CM5320	3	5	77
CM5321	3	10	77
CM5330	6	5	77
CM5331	6	10	77
CM5332	6	15	77
CM5333	6	20	77

COLUMBUS MCKINNON CORP.

Wide Range Trolley

Series 633

- Rugged steel side plates formed to include bumpers and trolley guards
- Frames connected by steel equalizer pin, secured by two nuts on each side
- Universal tread flanged trackwheels equipped with shielded ball bearings
- Easy rolling on American standard shapes, wide flange shapes or patented rail

Item #	Rated Cap. (tons)	Depth of S-Beam (in.)	Flange Width (in.)	Tread Dia. (in.)
CM3302	½	3-15	2½-5⅝	2⁹⁄₃₂
CM3304	1	5-24	3-8	3¹⁵⁄₃₂
CM3306	2	5-24	3⅝-8	3¹⁵⁄₁₆
CM3307	3	8-24	4-8	5⅛

COLUMBUS MCKINNON CORP.

Hand Chain Hoists

Series 622

- Simple, efficient, economical design
- Equipped with hardened load chain for flexibility and long wear
- Compact design, low headroom and lightweight steel construction for easy installation, even in confined spaces
- Weston-type load brake requires no lubrication
- Hand wheel cover with guide slots minimizes jamming and slipping
- Standard hand chain drop is 2 feet less than lift

Item #	Rated Cap. (tons)	Standard Lift (ft.)	Chain Pull to Lift (lbs.)	Hand Chain to Overhauled to Lift 1' (ft.)
CM2202	½	8	53	29
CM2216	½	12	53	29
CM2208	½	15	53	29
CM2231	½	20	53	29
CM2263	½	30	53	29
CM2204	1	8	77	37
CM2217	1	12	77	37
CM2210	1	15	77	37
CM2262	1	20	77	37
CM2264	1	30	77	37
CM2206	2	8	82	80
CM2218	2	12	82	80
CM2213	2	15	82	80
CM2233	2	20	82	80
CM2272	2	30	82	80
CM2207	3	8	65	154
CM2230	3	12	65	154
CM2214	3	20	65	154
CM2209	5	8	105	147
CM2215	5	12	105	147
CM2234	5	20	105	147
CM2212	10	8	109	289

COLUMBUS MCKINNON CORP.

Manual Chain Hoists

Hurricane Series

- Unique Handwheel Cover - Handwheel cover rotates 360 degrees for hoist operation in any direction
- Unique Brake Design - Single disc brake does not incorporate ratchet, pawls,or pawl springs as on other hand chain hoists

Item #	Rated Cap. (tons)	Standard Lift (ft.)	Chain Pull to Lift (lbs.)	Hand Chain to Overhauled to Lift 1' (ft.)
CM5624	½	12	44	30

Access Equipment, Material Handling, & Storage

COLUMBUS MCKINNON CORP.

Pullers

- Tough aluminum alloy construction and powder coat finish
- Weatherproof for outdoor service
- Hoistaloy hardened steel link type load chain for strength, long wear life and flexibility
- Weatherized Weston-type automatic braking system for positive load control
- Easy, one-hand operation and control — only 58 pounds of
- Forged upper and lower hooks with latches standard
- Free wheeling for fast and easy attachment to load
- Upper and lower Latchlok hooks available for all capacities
- Optional Load Limiter protection device stops transmission of lever forces protecting against dangerous overload
- Optional Load Sentry warns of overload condition
- Optional anchor sling simplifies attachment to allow anchor hook to swivel in tight space applications (3⁄4 & 11⁄2 ton units only)
- Unlimited lift
- Lifetime warranty
- Made in U.S.A.

Item #	Rated Capacity (ton)
Standard Unit	
CM4043	¾
CM4045	1½
CM4047	3
CM4050	6
Kit with Load Limiter	
CM4190	¾
CM4191	1½
CM4191	3
CM4191	6
Kit with Load Sentry	
CM4096	¾
CM4098	1½
CM4098	3
CM4098	6
Kit with Anchor Sling	
CM4071	¾
CM4072	1½

COLUMBUS MCKINNON CORP.

Binders

Lever Type Load Binder

- All components are forged, no cast parts
- Lighter and stronger than cast binders

Item #	Working Load Limit (lbs.)	Handle Take up (in.)	Working Load Length (in.)
CM48304	2,600	3.75	11.25
CM48305	5,400	4.50	16.12
CM48406	9,200	4.75	16.62
CM48769	7,100	4.50	16.62

COLUMBUS MCKINNON CORP.

Binders

Tightener Load Binder

- Features a swivel hook for easier operation
- Either hook may be permanently attached to chain
- Rugged cast construction with formed hooks

Item #	Working Load Limit (lbs.)	Handle Take up (in.)
CM48979	175	2
CM48949	375	3

• Edge has many more options for hoists, pullers, slings and other lifting equipment.

• Call for help.

COLUMBUS MCKINNON CORP.

Binders

Ratchet Type Load Binder

- Each ratchet component is forged from pure alloy steel
- Handle is designed loose using self-locking one-way bolts allowing easy removal of unwanted debris
- Proof tested to 50% of the minimum breaking strength
- Gears are permanently welded to the barrel

Item #	Size (G30)	Size (G43)	Size (G70)	End Fittings	Working Load Limit (lbs.)
CM48364	¼	-	Hook/Hook	2,600	4
CM48811	-	Eye/Eye (no hook)	5,400	8	
CM48363	-	Eye/Eye (no hook)	13,000	8	
CM48810	⅜	5⁄16	Hook/Hook	5,400	8
CM48360	⅜	Hook/Hook	7,100	8	
CM48365	⅜	5⁄16	Hook/Hook	5,400	8
CM48366	½	⅜	Hook/Hook	9,200	8
CM48367	⅝	½	Hook/Hook	13,000	

COLUMBUS MCKINNON CORP.

CM Super Strong Anchor Shackles

Screw Pin Type

- All shackle pins are forged from alloy steel, heat treated and tempered to give greater strength
- All shackles are marked with size (inches and millimeters) and working load limit in tons
- Ultimate strength equals 6 times working load limit
- Proof load equals 2.2 times working load limit
- Built-in distortion detectors (3/16" - 2")

Item #	Size (in.)	Work. Ld. Lmt. (tons)	P Dia. of Pin (in.)	L Inside Lgth. (in.)	B Inside Wdth. at Bow (min.) (in.)	R OD of Eye (max.) (in.)	W Wdth. Btwn. Eyes - (in.)	Desc.
CMM646P	¼	¾	5⁄16	1⅛	¾	⅞	15⁄32	Painted
CMM647P	5⁄16	1	⅜	1¼	13⁄16	1	17⁄32	Painted
CMM648P	⅜	1½	7⁄16	1 7⁄16	15⁄16	1⅛	21⁄32	Painted
CMM649P	7⁄16	2	½	1 11⁄16	1 1⁄16	1¼	¾	Painted
CMM650P	½	3	⅝	1⅞	1 3⁄16	1⅜	13⁄16	Painted
CMM651P	⅝	4½	¾	2⅜	1½	1⅞	1 1⁄16	Painted
CMM652P	¾	6½	⅞	2 13⁄16	1¾	2⅛	1¼	Painted
CMM653P	⅞	8½	1	3 5⁄16	2	2⅜	1 7⁄16	Painted
CMM654P	1	10	1⅛	3¾	2 5⁄16	2⅝	1 11⁄16	Painted

Access Equipment, Material Handling, & Storage

COLUMBUS MCKINNON CORP.

Quick Links

- Application: Use as a repair link, connecting link, or attaching device

Item #	Work. Ld. Lmt. (lbs.)	Chain Size (in.)	Gap (in.)
CM81101	880	¼	9⁄32
CM81201	1,540	5⁄16	⅜
CM81301	1,980	⅜	7⁄16
CM81501	3,300	½	19⁄32

COLUMBUS MCKINNON CORP.

G70 Grab Hooks

- Meets ASTM and NACM standards
- Designed specifically for transport grade 70 chain
- 4:1 design factor
- Not recommended for overhead lifting

Item #	Size	Working Load Limit (lbs.)
Clevis Grab Hooks		
CM62273	5⁄16	4,700
CM62373	⅜	6,600
Eye Grab Hooks		
CM72197	5⁄16	4,700
CM71497	⅜	6,600

COLUMBUS MCKINNON CORP.

Grab Hooks

HERC-ALLOY 800®

- Quench and tempered alloy steel
- Fatigue rated
- Cradle design unique to CM

Item #	Size (in.)	Working Load Limit (lbs.)
Clevlok Grab Hook		
CM659232	9⁄32	3,500
CM659235	⅜	7,100
CM659238	½	12,000
CM659239	5⁄8	18,100
Clevlok Cradle Grab Hook		
CM659222	9⁄32	3,500
CM659225	⅜	7,100
CM659228	½	12,000
CM659229	5⁄8	18,100
CM659430	¾	28,300

COLUMBUS MCKINNON CORP.

Sling Hooks

- Available with and without a latch
- Quench and tempered alloy steel
- 100% proof tested
- Fatigue rated

Item #	Size (in.)	Working Load Limit (lbs.)	Latch
Clevlok Sling Hooks			
CM658318	9⁄32	3,500	y
CM658338	9⁄32	3,500	n
CM658319	⅜	7,100	y
CM658339	⅜	7,100	n
CM658320	½	12,000	y
CM658340	½	12,000	n
CM658321	5⁄8	18,100	y
CM658341	5⁄8	18,100	n
CM658322	¾	28,300	y
CM658342	¾	28,300	n
Eye Sling Hooks			
CM558544	7⁄32	2,100	y
CM458544	7⁄32	2,100	n
CM558322	9⁄32	3,500	y
CM458722	9⁄32	3,500	n
CM558325	⅜	7,100	y
CM458725	⅜	7,100	n
CM558328	½	12,000	y
CM458728	½	12,000	n
CM558329	5⁄8	18,100	y
CM458729	5⁄8	18,100	n
CM558330	¾	28,300	y
CM458730	¾	28,300	n
CM558332	⅞	34,200	y
CM458732	⅞	34,200	n
CM558333	1	47,700	y
CM458733	1	47,700	n
CM558335	1¼	72,300	y
CM458735	1¼	72,300	n

COLUMBUS MCKINNON CORP.

Connector Links

Hammerlok

- Attaches chain to master link and hooks
- Quench and tempered alloy steel
- 100% proof tested
- Fatigue rated

Item #	Size (in.)	Working Load Limit (lbs.)
CM664028-2	9/32	3,500
CM664038-2	3/8	7,100
CM664050-2	1/2	12,000
CM664062-2	5/8	18,100
CM664075-2	3/4	28,300
CM664089-2	7/8	34,200
CM664100-2	1	47,700
CM664125-2	1 1/4	72,300

COLUMBUS MCKINNON CORP.

Mid-Grip Wire Rope Grips

- Double grip, double saddle wire rope clips allow full arc wrench swing for quicker installation, retightening or disassembly of nuts
- Unlike U-bolt type rope clips, Mid-Grip clips cannot be installed incorrectly with the saddle not on the live rope end

Item #	Size (in.)	Rope Turn-Back (in.)	Min. # of Clips	Torque (ft./lbs.)
CMM2247	5/16	5	2	30
CMM2248	3/8	5 1/2	2	45

COLUMBUS MCKINNON CORP.

Pike Poles

Aluminum Handles

- Manufactured to withstand extensive use of handling timber in and around water
- All pike hooks are manufactured from a single piece of high carbon steel and drop forged
- Will not warp or break with continued use

Item #	Length (ft.)
CM10082	6
CM10002	8
CM10012	10
CM10022	12
CM10032	14
CM10042	16
CM10052	18
CM10062	20
CM10072	24

AMERICAN POWER PULL

Professional Power Pull

With Safety Latches

- Cable limiter; keeps two wraps of cable on the ratchet wheel
- One piece pulley wheel, for longer cable life

Item #	Leverage	Capacity (tons)	Pull (ft.)	Cable (in.)
PPS144	36:1	1	6	3/16
PPS72A	36:1	2	6	3/16

LUG-ALL CORPORATION

Cable Winch-Hoists

Aircraft Cable

- Aluminum alloy frame
- Swaged ball shank terminal locks cable securely in frame
- Hydraulically crimped copper sleeve on cable end
- Reversible handle-always a downward pull
- Self-storing aircraft cable
- Drop forged steel hooks

Item #	Cable Dia. (in.)	Cable Lgth.	Capacity (ton)
LU1000-15SH	3/16	16'	1/2
LU1500-25SH	5/32	26'	3/4
LU3000-10SH	7/32	11'6"	1 1/2
LU3000-30SH	7/32	31'6"	1 1/2
LU4000-20SH	1/4	22'	2
LU6000-15SH	5/16	18'	3

Access Equipment, Material Handling, & Storage

Telpro Inc.

TELPRO

Drywall Lift

Panellift®

The original Panellift® Model 138-2 is the industry's leading drywall lifter. Why struggle with wallboard when you can single handedly lift wallboard up to 11 foot walls and ceilings? Cradle tilts laterally 65 degrees for easy loading and for installation on walls and sloped ceilings. It also tilts longitudinally 10 degrees. Fast action, single stage winch with silent cam=lock brake easily lifts and lowers wallboard so you don't have to strain your back.

Item #	Sheet Size & Capacity	Max Standard Reach (ft.)	Reach With Extension 154	Reach With Extension 186 (ft.)	Net Weight (lbs.)
TE138-2	1 qty. up to 4' x 16'	11	12' 6"	15	100

TELPRO

6 Foot Extension

- Replaces the two 4 foot telescoping extensions on the 138-2 allowing the lift to reach 15 feet
- The extension will not work on 8 foot ceilings and does raise the loading height to 54 inches; the loader will not work with this extension

Item #
TE186

TELPRO

Drywall Cart

Troll®

The 1361 is more than just a drywall cart! It is truly multi-purpose. The open front lets one person load and unload without damaging the boards or your hands. The handles store for transportation and storage and also are used to create a flat bed cart. The 1270 has a 12 inch stacking space.

Item #
TE1361

WARNER TOOL

Drywall Stilts

EZ-Stride®

- Adjusts quickly and easily without tools
- Dual-spring action to make walking more natural
- Aluminum with cotton straps and heavy-duty spring clips
- Weight limit 225 lbs. with tools

Item #
WAR10230

WARNER TOOL

Drywall Bench

EZ-Stride®

- Made of lightweight, extruded aircraft aluminum with heavy welds
- Holds up to 450 lbs. with tools
- Bench top measures 9-1/2" wide and 48" long
- Folds to 6-1/2"x16"x48"

Item #	Weight (lbs.)
WAR10329	36

WARNER TOOL

Extension Legs

EZ-Stride®

- Leg extension increases bench top height to 47"
- Flared to increase stability and minimize tipping

Item #
WAR10040

ENERPAC

ENERPAC

High Flow Couplers

3/8 Inch

- Standard equipment on most Enerpac cylinders
- Recommended for use on all Enerpac pumps and cylinders where space and porting permits
- Includes "2-in-1" dust cap for use on male and female coupler halves

Item #	Desc.	Max. Flow Cap.
ENC-604	Complete Set	2,500
ENCR-400	Female Half	2,500
ENCH-604	Male Half	2,500

ENERPAC

ENERPAC

Hydraulic Cylinders

RSM Series Flat-Jac®

- Compact, flat design for use where other cylinders will not fit
- RSM-750, 1000 and 1500 have handles for easy carrying
- Mounting holes permit easy fixturing
- CR-400 coupler and dust cap included on all models*
- Single-acting, spring return

Item #	Cylinder Cap. (Tons)	Stroke (in.)	Collapsed Ht. (in.)	Outside Dia. D (in.)
ENRSM-50	5	.25	1.28	2.31 x 1.63
ENRSM-300	30	.50	2.31	4.63 x 3.75
ENRSM-500	50	.63	2.63	5.50 x 4.50

ENERPAC

Single-Acting Cylinders

RC-Series

- Designed for use in all positions
- CR-400 coupler and dust cap included on all models
- Capacity: 5-100 tons
- Stroke: .63-14.25 inch
- Maximum Operating Pressure: 10,000 psi

Item #	Stroke (in.)	Collapsed Ht. A (in.)
ENRC-151	1.00	4.88
ENRC-251	1.00	5.50
ENRC-2510	10.25	14.75
ENRC-5013	13.25	18.13
ENRC-1006	6.63	14.06

ENERPAC

Hydraulic Oil

Item #	Desc.
ENHF-100	1 Qt.
ENHF-101	1 Gal.
ENHF-102	5 Gal.

ENERPAC

Single-Acting Cylinders

RC-Series

- Designed for use in all positions
- High strength alloy steel for durability
- CR-400 coupler and dust cap included on all models
- Capacity: 5-100 tons
- Stroke: .63-14.25 inch
- Maximum Operating Pressure: 10,000 psi

Item #	Stroke	Cyl. Cap.	Coll. Ht. A	Wt.
ENRC-51	1.00	5	4.34	2.3
ENRC-101	1.00	10	3.53	4.0
ENRC-102	2.13	10	4.78	5.1
ENRC-104	4.13	10	6.75	7.2
ENRC-106	6.13	10	9.75	9.8
ENRC-1014	14.00	10	17.75	18.0
ENRC-156	6.00	15	10.69	15.0
ENRC-256	6.25	25	10.75	22.0

ENERPAC

Universal Hydraulic Tool Box

MS - Series

These universal sets include a pump, hose, cylinder, gauge and 24 attachments - enough to assemble numerous specialized tools. Includes a storage case. Capacity 2.5 tons.

Item #
ENMSFP-5

ENERPAC

Steel Hand Pumps

Two Speed

- Two-speed operation for reduced operator fatigue (except P-39)
- 4-way valving on the P-84 and P-464 for operation of double-acting cylinders
- External load release valve on remaining models for single-acting cylinder operation
- Internal pressure relief valves for overload protection
- Large oil capacities to power a wide range of cylinders or tools
- 10,000 psi pressure rating 2nd stage

Item #	Usable Oil Cap. (in.)
ENP-462	453

ENERPAC

ENERPAC

6-Port Hexagon Manifold

- Plugs furnished for all ports 3/8"-18 NPTF

Item #
ENA-66

ENERPAC

Lightweight Hand Pumps

Item #	Pump Type	Usable Oil Cap.	
ENP-391	Single Speed	55	10,000
ENP-392	Two Speed	55	10,000

ENERPAC

Steel Hand Pumps

Item #	Pump Type	Usable Oil Cap.
ENP-80	Two Speed	134

ENERPAC

Spreader

- 1.0 tons

Item #
ENWR-5

ENERPAC

Cylinder

Double-Acting

RR - Series

- Collar threads, plunger threads and base mounting holes for easy fixturing (on most models)
- Baked enamel finish for increased corrosion resistance
- Removable hardened saddles protect plunger during lifting and pressing
- Built-in safety valve prevents accidental over-pressurization
- CR-400 couplers included on all models

Item #
ENRR-506

APEX TOOL GROUP

COOPER HAND TOOLS

Cable Wire

Campbell®

- High strength cable with a galvanized finish
- Campbell's wire rope is 6 x 19 fiber core construction and treated with a rust prohibiting oil

Item #	Size (in.)	Type Const.	Feet Per Reel	Working Load Limit (lbs.)	Working Load Limit (kg)
Cable					
CG7000427	1/8	7 x 7	500	340	154
CG7000627	3/19	7 x 19	250	840	381
CG7000827	1/4	7 x 19	250	1400	635

COOPER HAND TOOLS

Binder Chain

Transport

Campbell® Chain

A complete line of tie-down chains. All chains listed meet latest DOT regulations. For heavy-duty trucking. All with Clevis grab hooks.

- Chain grade System 7
- Chain length 20 feet; Link Size: 5/16

Item #	Size (in. x ft.)	Work. Ld. Lmt. (lbs.)	Wt
CG0513574	5/16x20	4700	23
CG0513665	3/8x20	6600	0

APEX TOOL GROUP

COOPER HAND TOOLS

High Test Chain

Campbell®

- Designed for use in load binding, towing, logging, and other applications requiring high strength
- Standard material: Carbon steel
- Working Load Limit: 3900 lbs.

Item #
CG0180512

COOPER HAND TOOLS

Proof Coil Chain

Zinc Plated

Campbell®

- Excellent general-purpose chain of standard commercial quality
- Frequently used for fabricating tow chains, binding or tie-down chains

Item #	Material Dia. (in.)	Working Load Limit (lbs.)
CG0143226	.16	400
CG0143326	.21	800
CG0143426	.26	1300

COOPER HAND TOOLS

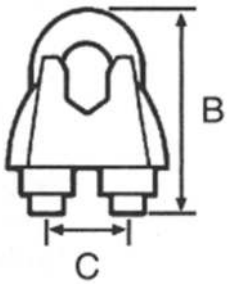
Wire Rope Clips

Galvanized

Campbell®

- Standard finish: Galvanized

Item #	Size (in.)
CGT7670419	3/32-1/8
CGT7670429	3/16
CGT7670439	1/4



COOPER HAND TOOLS

Cable Ferrules

Campbell®

- Made from aluminum

Item #	Desc.	Dim. for Cable in. (mm)
CGB7675324	Cable Ferrules (2) and Stops (2)	1/8 (3)
CGB7675344	Cable Ferrules (2) and Stops (2)	3/16 (5)
CGB7675354	Cable Ferrules (2) and Stops (2)	1/4 (6)

COOPER HAND TOOLS

Load Binders

Ratchet Type

Campbell®

- Ratchet load binder
- To tighten chain, typically for cargo securement
- Meets US DOT 393.100 -393.102 requirements for use with chain
- Ratchet lever
- For Chain Size/Grade: 3/8 in./70 and 1/2 in./43
- Working Load Limit: 9200 lbs.
- Take-Up: 8”

Item #
CG6207803

COOPER HAND TOOLS

Swaging Tool

Campbell®

- Used on Rope Size: 1/8” to 3/16”
- Material Finish: Steel
- Uses: For swaging ferrules onto wire rope or cable

Item #
CG7679038

APEX TOOL GROUP

COOPER HAND TOOLS

Load Binders

Campbell® Chain

- System 4 binders use carbon hooks and system 7 use alloy hooks

Item #	For Chain Size and Type in. (mm)	Desc.	Take-Up in. (mm)	Working Load Limit lbs. (kg)
CG6203604	5⁄16 (8) Sys. 7, 3⁄8 (10) Sys. 4	Doub. Swivel, Lever, Red, Imported	4½ (114)	5400 (2450)

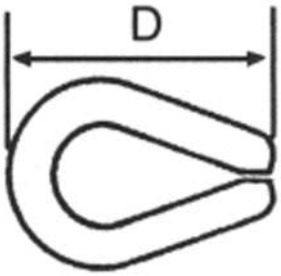
COOPER HAND TOOLS

Wire Rope Thimbles

Zinc Plated

Campbell®

- Standard Finish: Galvanized



Item #	Size (in.)	Size (mm)	Dim. D in. (mm)
CGT7670609	3⁄32-1⁄8	2-3	1¾ (44)
CGT7670619	3⁄16	5	1¾ (44)
CGT7670629	¼	6	1⅞ (48)

HILMAN ROLLERS

HILMAN, INC.

Hydraulic Toe jacks

- Easy to use hydraulic jacks mean effortless lifting of heavy machinery and equipment, high enough to slide a set of Hilman Rollers underneath to move it wherever you want to go

Item #	Cap (tons)
HIHTJ-10	10

HILMAN, INC.

Rigger Kits

With Steel Case

- Riggers kits 3 and 8 tons
- Limitless variety of uses, they provide the ability to move up to 3 tons or 8 tons
- Kits contain two steering handles and four padded rollers, which are offered either with all four swivel tops, or with two swivel and two rigid tops
- Sturdy steel carrying cases

Item #	Desc.	Wt
HIKRS-8-4S	Four #2-SP Rollers, Two #8-KH Kit Size Handles in Kit, or Two #H36T 36 in. Handles in Set	85

HILMAN, INC.

Heavy Moving Rollers

Kits & Sets

FT Series

Everything required to make heavy moves up to 60 tons is included in Hilman's Deluxe Kits and Economy Sets! Both include four swivel locking Hilman Rollers with either padded or diamond steel tops and two steering handles; four preload pads are also included with rollers having the SLD style top; Sets contain full length steering handles; Kits contain knock down handles in two sections to fit into a sturdy steel storage case. Kit cases are lockable and have sturdy lifting grips for easy handling, providing protection from exposure and theft, while assuring all rollers are there when a heavy move needs to be made. Each kit or set provides the necessary gear to tackle a moving project up to that respective capacity.

- No. of rollers: 4 swivel-locking
- Swivel/Locking pads

Item #	Capacity (ton)	Pad Surface	Wt. (Lbs.)
HIKRS-15-SLD	15	Diamond Steel Grid	196
HIKRS-30-SLD	30	Diamond Steel Grid	208
HIKRS-40-SLD	40	Diamond	212
HIKRS-60-SLD	60	Diamond	252

JET

WHM TOOL GROUP

Heavy-Duty Bottle Jacks

JET

- Robotically welded base and cylinders
- Chromed pump piston and ram for added rust resistance
- Works in upright, angle or horizontal positions
- Pump handle included with all models
- Complies with ANSI/ASME PALD-1 and B30.1 standards

Item #	Stock No.	Rated Cap'y (ton)	Closed Ht (in.)	Piston Ht (in.)	Head Screw (H/in.)	Max Ht (in.)	Base Size (LÞW/in.)
JEJBJ-12-1/2L	JBJ-12TL	12	6¾	3¾	3	13⅜	6½ x 4⅛

WHM TOOL GROUP

Premium Pallet Truck

- Premium quality 6,000 lbs. capacity pallet truck with robotic welds
- Easy-to-use with large ergonomic handle, fingertip controls and 200° turning radius
- Handle returns to upright position when not in use
- Articulating axle maintains wheel contact on uneven floor surfaces
- One-piece cast pump features hardened and chromed piston and ram with high quality seals
- Pump also features step-less lowering valve, allowing you to control the rate of descent, top-of-stroke and safety overload bypass system
- Single point replacement valve makes servicing or rebuilding easy
- Solid steel lifting rods, no periodic adjustment required
- Rounded fork tips with nylon rollers for trouble-free pallet entry and exit
- Polyurethane over aluminum steer wheels with lifetime lubricated bearings
- Nylon load wheels with lifetime lubricated bearings

Item #	Model No.	Wt
JEPT-2748W	140075	200

AMERICAN POWER PULL

Heavy-Duty Hand Trucks

- 550 lb. capacity
- Durable tube construction
- Perfect for carrying large feed bags
- Approximate Dimension: 18”x20”x20”
- Nose Plate: 7-1/2”x14”
- Wheels: 10”

Item #	Desc.
PP5400	Solid Wheel
PP5419	Pneumatic Wheel

Rubbermaid Commercial Products

RUBBERMAID COMMERCIAL PRODUCTS

Heavy-Duty Dolly

- One piece high impact molded polyethylene
- 4" non-marking double ball raceway casters
- Non marking padded deck
- Size: 30”x18”
- Capacity: 1000 lbs.

Item #
RB9T55

AMERICAN POWER PULL

Heavy-Duty Hand Trucks

Appliance Dolly

- Securing strap to prevent slipping
- Solid rubber tires
- Crawler tread to help move load
- 1000 Lb. capacity
- Ratchet tension securing strap
- Ball bearing wheels

Item #
PP5500

RUBBERMAID COMMERCIAL PRODUCTS

Triple® Trolley

- Sturdy structural foam deck won't rust, dent, chip or peel
- Non-skid platform surface helps prevent load shifting
- Tough plastic construction is easy on walls and doors
- Three-position user-friendly handle lets users push, pull or fold flat for use as a dolly
- Casters are non-marking

Item #	Size (in.)	Capacity (lbs.)
RB4401-00	33½x20½	500

RUBBERMAID COMMERCIAL PRODUCTS

Heavy-Duty Utility Carts

- Sturdy structural foam construction won't rust, dent, chip or peel
- Standard cup holder and storage compartments on top shelf
- Rounded corners protect walls and surroundings
- Lightweight and maneuverable
- 5" diameter, non-marking casters (two fixed, two swivel)

Item #	Desc.	Size (in.)	Capacity (lbs.)	Wt
RB4500	2 Shelf (Small)	39x17⅞x33¼	500	34.4
RB4520	2 Shelf (Med)	45¼x25⅞x33¼	500	44.6

RUBBERMAID COMMERCIAL PRODUCTS

Structural Foam Tilt Truck

Standard Duty

- Fits through standard commercial and onto elevators easily
- Non-marking casters reduce touch-up cleaning
- Optional domed lid available

Item #	Dimension (in.)	Size (cu. yd.)	Wt. Cap. (lb.)
RB1013	64½x30¾x38	¾	1000

Domed Lid

RB1028 61x31¾x8¾

RUBBERMAID COMMERCIAL PRODUCTS

Molded Tilt Trucks

- Sturdy, plastic construction weighs much less than metal
- Easy to handle and maneuver through doorways and elevators
- Inset wheels on 1/2 cu. yd. and 1 cu. yd. models protect walls, fixtures and patrons
- Optional domed lids available

Item #	Dimension (in.)	Size (cu. yd.)	Wt. Cap. (lb.)	UoM
RB1314	72¼ x 33½ x 43¾	1	750	Ea

Domed Lid

RB1317 Fits 1314

• Call Edge for other material handling needs.

• We also sell floor protection, tarps, trash bags, gloves, safety glasses, masks, hard hats, demo tools and much more!

GOLO POWER WINCH

GOLO

Electric Winch

Power Winch Designation Code:

- Winch Series: 1200=1200
- Voltage: 15=115 volt
- Switch Control: S=Standard(mounted on winch), R=Remote (10-ft. remote cord,additional lengths available), MO=Momentary Selector Switch, Ma=Maintained Selector Switch
- If Double Drum is required add a D before model # (Ex. D 12-15 RMO)

Important:

- First cable layer should have at least the first five wraps not in use
- Each additional cable layer reduces capacity
- Block and tackle arrangement (use double line only): doubles capacity and cable on drum but reduces line speed by one-half

Cable On Drum, Cable Dia. (in.) x Drum Capacity (ft.) x Breaking Strength (lbs.):

- 1/8 x 512 x 2000
- 5/32 x 325 x 2800
- 3/16 x 215 x 4200
- 7/32 x 165 x 5600
- 1/4 x 135 x 7000
- Galvanized aircraft cable, 7 x 19, is recommended for strength and flexibility

Important:

- Cordem specifies a minimum cable safety factor of 5:1 and a safety latch on all hooks

Item #	Lift Capacity (lbs.) 1st Drum Cable Layer	Lift Capacity (lbs.) Full Drum	Line Speed (ft./min.) In 1st Drum Cable Layer	Line Speed (ft./min.) In Full Drum	Line Speed (ft./min.) Out 1st. Drum Cable Layer	Line Speed (ft./min.) Out Full Drum	Line Speed (ft./min.) No Load 1st. Drum Cable Layer	Line Speed (ft./min.) No Load Full Drum
GO12-15 RMO	1200	700	17	25	37	54	28	41
GO12-15 RMA	1200	700	17	25	37	54	28	41

JOBOX

JOBOX

Tool Box

On-Site Storage
Jobox

- Bolt cutter free locking system
- Tri-Hide exterior enamel coating provides maximum rust and corrosion resistance
- 16-gauge reinforced steel construction
- Site-Vault™ Security System - 3-point lock engagement is virtually impossible to bend or pry open

Item #	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)	Wt
Welder's Box & Small Chests				
DB650990	30x16x12	3.3	33	37
DB651990	31x18x15	4	70	0
Heavy-Duty Chests				
DB1652990	36x20x23¾	8.3	98	
DB1653990	42x20x23¾	9.3	118	
DB1654990	48x24x27¾	15.4	148	
DB1655990	60x24x27¾	19.3	182	
DB1656990	48x30x33⅜	24.3	190	
DB1658990	72x24x27¾	23.2	220	

JOBOX

Tool Box

Lockable Sloped Lid Chests for Jobsite Storage

Jobox

- Full length piano hinge ensures smooth and consistent operation
- Full width shelf separates and stores smaller items

Item #	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)	Wt
DB1680990	60x30x39½	30.7	243	216

JOBOX

Drop-Front Top Chest

High-Capacity

- 37% more capacity for storing taller, bulkier equipment
- Extra wide, low-incline ramp supports up to 1,000 lbs for safe and easy loading and unloading
- Installs inside 14 gauge steel housing to prevent being pried, cut or knocked out during break in

Item #	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)
DB1657990	60x31x45	41.5	340

JOBOX

Drop-Front Top Chest

- Two deep storage bins located on both side walls
- Bottom shelf on most models lifts up for easier loading and unloading of large items in the bottom
- Gas springs assist with opening and closing the door; they are embedded in the side walls and protected from damage and jamming - guards reinforce the side walls
- Drop-down tapered ramp is reinforced to support heavy loads and locks with two sliding gate bolts on the inside; makes it easy to roll or put heavy items in the bottom of the box

Item #	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)
DB1683990	60x30x50	47.5	405

JOBOX

Tool Box

Lockable Piano Boxes for Jobsite Storage

Jobox®

- Two deep storage bins located on both side walls
- Bottom shelf on most models lifts up for easier loading and unloading of large items in the bottom
- Gas springs assist with opening and closing the door

Item #	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)
DB1688990	60x31x38	34.5	283
DB1682990	60x31x50	47.5	326
DB1681990	48x31x50	38	286

JOBOX

Field Office

Jobox®

- Can be propped into a flat working surface and provides padlockable storage underneath
- Provides hanging storage of smaller items, shelf space for large objects and bins to hold small tools and supplies
- Stores items up to 60” in length and is opened by a lanyard inside the lower cabinet for additional security
- Pin secures open door support arm to bracket and side wall to prevent accidental door closing

Item #	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)
DB1674990	63x42x80	100	660

JOBOX

Drawer Cabinet

Jobox®

- Three 2-1/2” deep drawers have 75 lb. load capacity
- Five 5-1/2” deep drawers have 125 lb. load capacity
- 4-1/2” deep top shelf and three 3” deep shelves on each door
- Recessed lifting handles
- Hand or foot-operated door latch release system
- Drawers fully extend for easy access

Item #	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)
DB1679990	24x60⅛x53¼	58.7	610

JOBOX

Rolling Work Bench

Jobox®

- Drawers and shelves are easy to move to match your requirements; add additional drawers of shelves as needed
- 18 Ga. steel drawers have heavy-duty ball bearing glides, Model 678990 has 125 lb. capacity drawers; other models have 75 lb. capacity drawers
- Available with 4" or 6" casters; includes two fixed and two lockable swiveling casters

Item #	Desc.	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)
DB678990	6 Drawers, 1 Shelf, 6" Casters	49⅞x26⅞x40⅝	24.6	342
DB676990	4 Drawers, 1 Shelf, 4" Casters	43⅞x26⅞x38½	21.7	294
DB675990	2 Drawers, 2 Shelves, 4" Casters	43⅞x26⅞x38½	21.7	266.5

JOBOX

Gang Box

Heavy-Duty Cabinets

Jobox®

- Two-door models provide built-in door shelves for small items
- Charge batteries overnight on site: Access holes are located in the side walls

Item #	Desc.	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)	Wt
DB694990	Two Doors	60⅛x24¼x60¾	47.5	379	384
DB695990	Four Doors, Both Sides	60⅛x32¼x60¾	63.7	523	0
DB697990	Two Doors, Open Side	60⅛x24¼x60¾	47.5	366	0
DB698990	Two Doors	60⅛x30¼x60¾	58.7	436	0

JOBOX

Rolling Clam Shell Cabinet

- Moveable storage: Eight 4" heavy-duty casters open and close cabinet, hinge stop prevents cabinet from fully opening and reduces potential for tipping, high center handles for opening, closing and moving cabinet

Item #	L x W x H (in.)	Cubic ft.	Shipping Weight (lbs.)
DB692990	62½x30x63½	58	472

JOBOX

Vehicle Underbed Boxes

Steel

- 3/4" wide rain gutter surrounds the door opening to channel moisture around the opening to protect the contents
- T-handle draws the door tight against the weather stripping and locks at 3-points; reinforced cam lock for superior security

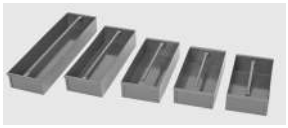
Item #	L x W x H (in.)
Black	
DB733980	24x18x18
DB734980	30x18x18
DB735980	36x18x18
DB738980	48x18x18

Access Equipment, Material Handling, & Storage

JOBOX

Tool Chest Trays

Removable



- Removable trays with built-in handles for storing small parts or tools
- Trays are made of 16-gauge steel; hemmed edges add strength and eliminate sharp edges
- Small parts storage trays for chests
- Heavy-duty, durable design

Item #	Fits Chest #	L x W x H (in.)
DB628990	1-652990, 1-653990	18 3/16x8x4
DB627990	1-656990	28 3/16x8x4
DB626990	1-654990, 1-655990, 1-658990	22 3/16x8x4
DB624990	651990	16 3/16x8x4
DB620990	652990	15 3/16x8x4

KNAACK

KNAACK® JOBSITE STORAGE EQUIPMENT

Jobsite Storage Chests

STORAGEMASTER®

- Storage Capacity: 57.5 cu. ft.
- Model 91 has 48" wide fold down ramp to make loading large, bulky items easy

Item #	Height (in.)	Length (in.)	Width (in.)	Wt
KN90	49	72	30	380
KN91	49	72	30	409

KNAACK® JOBSITE STORAGE EQUIPMENT

Welders Chests

JOBMASTER®

- Storage Capacity: 3.3 cu. ft.

Item #	Storage Cap (cu. ft.)	Height (in.)	Length (in.)	Width (in.)	Wt
KN28	2.3	12	28	12	32
KN30	3.3	12	30	16	38

KNAACK® JOBSITE STORAGE EQUIPMENT

Jobsite Storage Chests

STORAGEMASTER®

- Watchman IV Lock System
- Gas spring assisted lid
- Powder coat finish

Item #	Storage Cap.	Height (in.)	Length (in.)	Width (in.)	Wt.
KN89	47.8	49	60	30	337
KN79	38.2	49	48	30	287
KN69	35.3	34	60	30	282

KNAACK® JOBSITE STORAGE EQUIPMENT

Jobsite Storage Chests

JOBMASTER®

- Watchman IV Lock System (1 #5 Masterlock)
- 3 point latching (#KN42 and larger)
- Heavy-duty hinges
- Power Pass™ - Electrical pass-through grommet (#KN42 and larger)
- Reinforced lock housing
- Powder coat finish

Item #	Cubic ft.	Height (in.)	Length (in.)	Width (in.)	Wt.
KN4830	25.25	29	48	30	194
KN4824	16	23	48	24	158
KN2472	24.5	23	72	24	216
KN60	20.25	23	60	24	190
KN42	9	18	42	19	114
KN36	7	16	36	19	97
KN32	5	13	32	19	84

KNAACK® JOBSITE STORAGE EQUIPMENT

Rolling Cabinet

JOBMASTER®

- Storage Cap: 60.9 cu. ft.
- Load Cap: 1200 lbs. evenly distributed

Item #	Height (in.)	Length (in.)	Width (in.)	Load Capacity (lbs.)	Wt
KN100	65	60	15	1200	470

KNAACK

KNAACK® JOBSITE STORAGE EQUIPMENT

Accessory Trays

KNAACK® Jobsite Storage Equipment

- Lift out tray to keep tools organized and ready to go

Item #	Fits	Height (in.)	Length (in.)	Width (in.)	Wt	Dividers
KN51	28	3	27⅝	11	No	
KN31	4830	4	27⅝	8	11	No
KN21	2472, 4824,60	4	21⅝	8	9	No
KN41	32, 36, 42	4	16⅝	8	7	No
KN11	-	3¾	18	10	11	Yes
KN10	-	3¾	18	10	11	No

KNAACK® JOBSITE STORAGE EQUIPMENT

Half-Width Shelf Cabinets

JOBMASTER®

- One-time lock installation means no downtime replacing locks
- Convenient foot latch opens the doors when you step on it, allowing hands-free operation
- Deep door design for maximum pry-bar resistance and better tool organization
- Ability to add accessory door shelves
- KN111 - Open right side w/ top shelf
- Picture of KN112 shown

Item #	Storage Cap (cu. ft.)	Height (in.)	Length (in.)	Width (in.)	Wt
KN112	54.9	60	30	670	
KN111	47½	60	24	385	

KNAACK® JOBSITE STORAGE EQUIPMENT

Mobile Heavy-Duty Field Station

KNAACK® Jobsite Storage Equipment

- Engineered to be used at strategic points around a large jobsite for storing and reviewing drawings as well as locking up tools
- Powder coat finish

Item #	Storage Cap.	Height (in.)	Length (in.)	Width (in.)	Wt.
KN119	115.2	82	60	42	624

KNAACK® JOBSITE STORAGE EQUIPMENT

Mechanics Chest

STORAGEMASTER®

- Red mechanics bench
- 3 - 1" deep drawers
- 4 - 2-1/2" deep drawers
- 1 - 6" deep drawer
- 1 - 1" deep shelf
- Load Capacity: 1,000 lbs.

Item #	Height (in.)	Length (in.)	Width (in.)	Wt
KN63	30½	46¼	25	352

KNAACK® JOBSITE STORAGE EQUIPMENT

Slant Top Storage Chest

STORAGEMASTER®

- Storage Capacity: 31 cu. ft.

Item #	Height (in.)	Length (in.)	Width (in.)	Wt
KN3068	37	60	30	265

KNAACK® JOBSITE STORAGE EQUIPMENT

Rolling Work Bench

JOBMASTER®

- 4” casters included
- Welded shelf on left side for strength
- Load capacity: 800 lbs.

Item #	Height (in.)	Length (in.)	Width (in.)	Wt
KN44	33½	40¾	25	240

KNAACK® JOBSITE STORAGE EQUIPMENT

Hand Tool Boxes

18 Ga. Steel

KNAACK® Jobsite Storage Equipment

Item #	Storage Capacity (cu. ft.)	Height (in.)	Length (in.)	Width (in.)	Wt
KN741	.75	8	20	8	17
KN742	1	9	22	9	22
KN743	1.5	9½	26	11	27

Access Equipment, Material Handling, & Storage

KNAACK® JOBSITE STORAGE EQUIPMENT

Wall Cabinet

JOBMASTER®

- Storage Capacity: 10.7 cu. ft.

Item #	Height (in.)	Length (in.)	Width (in.)	Wt
KN33	36	32	16	81

KNAACK® JOBSITE STORAGE EQUIPMENT

Portable Worktable

KNAACK® Jobsite Storage Equipment

Item #	Height (in.)	Length (in.)	Width (in.)	Wt
KNR-72	36	71½	27½	136

EZ ROLL, INC.

Tool Box Casters

- Industrial grade
- Polyolefin wheels designed for hard impacts and heavy loads
- Non-marking for floor protection
- Resistant to most oils, chemicals, gasoline, acids and grease

Item #	Desc.	Capacity Per Set (lbs.)
EZ40-PO-SET	4" - 2 swivel, 2 rigid	2400
EZ50-PO-SET	5" - 2 swivel, 2 rigid	3200
EZ60-PO-SET	6" - 2 swivel, 2 rigid	4000
EZ60-PO-SET-SB	6" - 2 swivel, 2 rigid w/brakes	4000
EZ66-PO-SET	6" - 4 swivels	4000

RUBBERMAID COMMERCIAL PRODUCTS

Tool Boxes

- Professional-grade tool boxes for commercial/industrial use
- Made of sturdy structural foam construction that won't rust, dent, chip, or peel
- Removable trays provide added compartmentalized storage area
- Can be padlocked for security
- Impact resistant, water resistant, and easy to clean
- Rust resistant, heavy-duty metal latches

Item #	Size (in.)	Capacity (lbs.)
RB7802-00	26x11½x11⅛	60
RB7804-00	36x18½x20⅛	200

RUBBERMAID COMMERCIAL PRODUCTS

Deluxe Carry Caddy

- Heavy-duty caddy conveniently fits on cleaning and housekeeping carts
- Securely holds up to eight 32 oz. spray bottles and other common cleaning tools
- Ergonomic handle design provides comfortable fit
- Size: 15"x10.9"x7.4"

Item #
RB3154-06

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Aluminum Saddle Box

Low Profile

WEATHER GUARD® Truck Equipment

- Dimensions: H: 15" W: 20-1/4" L: 71-1/2"
- Weight: 80 lbs.
- Cubic feet: 8.8
- Fits: Most full size pickup trucks
- Accessories: Level storage, tray
- ARMOR TUF® Powder Coat
- EXTREME PROTECTION® lock
- Corner support channels

Item #	Finish*
KN121-0-01	Aluminum Diamond Plate

**** Also available in Black finish***

weather guard

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Saddle Box

Full-Size Low-Profile

WEATHER GUARD® Truck Equipment

- Dimensions: H: 15” W: 19-7/8” L: 71-1/2”
- Cubic feet: 11.3
- Fits: Most full size pickup trucks
- ARMOR TUF® powder coat
- Low Profile box: features reduced cover clearance for unobstructed view

Item #	Finish*
KN127-0-02	Aluminum Diamond Plate
KN126-3-02	White Steel

****Also available in black aluminum Diamond Plate and black steel finish***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Full-Size Extra Wide Saddle Box

WEATHER GUARD® Truck Equipment

- Dimensions: H: 18-1/2” W: 27-1/2” L: 71-1/2”
- Cubic feet: 15.3
- Fits: Most full size pickup trucks
- ARMOR TUF® Powder Coat

Item #	Finish*	Ship Weight (lbs.)
KN117-0-02	Aluminum Diamond Plate	101
KN116-3-02	White Steel	157

**** Also available in black finish***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Full-Size Extra Wide Cross Box

WEATHER GUARD® Truck Equipment

- Dimensions: H: 18-1/2” W: 27-1/4” L: 71-1/2”
- Weight: 92 lbs.
- Cubic feet: 15.3
- Fits: Most full size pickup trucks
- Accessories: Powder coated steel divider tray
- Allows for Lo-Side and Super-Lo boxes to be added
- ARMOR TUF® Powder Coat

Item #	Finish*
KN114-0-01	Aluminum Diamond Plate

**** Also available in black aluminum Diamond Plate and white steel finish***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Pork Chop Box

Steel

WEATHER GUARD® Truck Equipment

- Dimensions: H: 19-1/2” W: 13-1/2” L: 46-3/4”
- Weight: 66 lbs.
- Cubic feet: 3.4
- Over the wheel mounting maximizes the storage space in the truck bed

Item #	Finish*	Installation
KN162-3-01	White Steel	Driver Side
KN163-3-01	White Steel	Passenger Side

**** Also available in chrome and black Armor Plate aluminum finish***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

All Purpose Chest

Aluminum

WEATHER GUARD® Truck Equipment

- Dimensions: H: 19-1/4” W: 20” L: 62”
- Weight: 57 lbs.
- Cubic feet: 13.1
- 90° cover opening for easy access
- Offset hinge design allows for zero clearance when the back of the box is placed tight against the cab of a pickup bed
- ARMOR TUF® Powder Coat

Item #	Finish*
KN664-0-01	Aluminum Diamond Plate

****Also available in black armor plate aluminum and white and black steel finish***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

All Purpose Chest

Steel

WEATHER GUARD® Truck Equipment

- Dimensions: H: 19-1/4” W: 20” L: 62”
- Weight: 115 lbs.
- Cubic feet: 13.1
- 90° Cover opening for easy access
- Offset hinge design allows for zero clearance when the back of the box is placed tight against the cab of a pickup bed
- ARMOR TUF® Powder Coat

Item #	Finish*
KN665-3-01	White

****Also available in chrome and black aluminum Diamond Plate and black steel finish***

weather guard

WEATHER GUARD® TRUCK & VAN EQUIPMENT

All Purpose Chest

Aluminum

WEATHER GUARD® Truck Equipment

- Fits: All mini pickups
- Accessory: Model 613-3 accessory tray may be ordered separately
- Rotary style latch mechanism keeps the cover tight against the weather seal
- Angled body design is ideal for use with fifth wheel and goose neck trailer applications
- Back of the check can be placed tight against the front of the pickup bed because zero clearance is needed for opening the cover
- ARMOR TUF® Powder Coat

Item #	Finish*
KN674-0-01	Aluminum Diamond Plate

***Also available in black aluminum Diamond Plate and white steel finish**

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Super-Lo-Side Box

Steel

WEATHER GUARD® Truck Equipment

- Use: Separately or in combination with cross or saddle boxes

Item #	Height (in.)	Length (in.)	Cubic ft.	Ship Weight (lbs.)	Finish*
KN176-3-01	14	60¼	6.5	94	White
KN186-3-01	13	46¾	4.5	72	White

**** 176-3-01 also available in black steel finish***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Super-Lo-Side Box

Steel

WEATHER GUARD® Truck Equipment

- Dimensions: H: 11-3/4" W: 19-1/4" L: 44-1/4"
- Weight: 41 lbs.
- Cubic feet: 3.1
- Greater rear-window visibility
- Extra-wide design increase storage space
- Matches profile of full and compact sized aluminum low profile saddle boxes
- Made of heavy-gauge aluminum for years of dependable durability
- Quick and easy installation
- ARMOR TUF® Powder Coat

Item #	Desc.	Finish*
KN180-0-01	Driver Side	Aluminum Diamond Plate
KN181-0-01	Passenger	Aluminum Diamond Plate

**** Also available in black***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Transfer Tank

WEATHER GUARD® Truck Equipment

- Designed to transport diesel fuel only
- Fits with most bed liners and with WEATHER GUARD® Cross and saddle Boxes
- Interior baffle design reduces fuel movement
- Lockable, vented filler cap prevents excessive pressure buildup
- 2” I.D. filler neck is threaded to accept standard 2” threaded pipe

Item #	Fuel Capacity (gal.)	Wt. (lbs.)	Dimensions (HxWxL in.)
KN350-3-01	50	131	22x30x32¼
KN352-3-01	75	164	26X30X43¼
KN354-3-01	90	185	26X30X52
KN360-3-01	110	219	27X37X56

WEATHER GUARD® TRUCK & VAN EQUIPMENT

High-Side Box

Aluminum

WEATHER GUARD® Truck Equipment

- Aluminum diamond plate with ARMOR TUF®
- Stainless-steel D-handle
- Adjustable leg mounting
- Three-point latching system
- Picture–frame body design

Item #	Height (in.)	Width (in.)	Length (in.)	Cubic ft.	Weight (lbs.)
KN396-0-01	16	13¼	96¼	11.8	80
KN372-0-01	16	13¼	72¼	8.9	64

**** Also available in black aluminum Diamond Plate and white and black steel finish***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Lo-Side Box

Steel

WEATHER GUARD® Truck Equipment

- Use: Separately or in combination with cross or saddle boxes
- J-hook mounting

Item #	Height (in.)	Width (in.)	Length (in.)	Cubic ft.	Ship Weight (lbs.)	Finish*
KN175-3-01	12⅞	13⅝	30⅜	4.43	81	White
KN185-3-01	13	13½	46¼	3.2	63	White

**** Also available in Chrome and Black Diamond Plate Aluminum finish***

KNAACK® JOBSITE STORAGE EQUIPMENT

Manual Transfer Pump

WEATHER GUARD® Truck Equipment

- Weight: 19 lbs.
- Includes: Pump, 8-ft. hose and nozzle
- UL tested and FM approved
- 15 gallons/100 strokes transfer capacity

Item #
KN356

TUTHILL

Piston Hand Pump

Fill-Rite

- This compact, high flow, dual-action design delivers up to 20 GPM (76 LPM) per 100 strokes
- Lightweight and portable, with a variety of options, these pumps meet a full range of applications
- Ideal for gasoline, oil or a wide variety of approved liquids
- Lightweight cast aluminum body
- Stainless steel inner liner
- "Easy mount" 2" tank adapter
- Corrosion-Proof adjustable suction pipe
- Pump flow can be reversed by rotating piston 180°
- Steel yoke handle
- All models UL listed
- Anti-siphoning device
- Pump may be padlocked

Options:

- Series 800C flow meter
- Gooseneck spout and pail hook
- 8' hose and nozzle

Item #	Desc.
TUFR152	Basic UL Listed pump with vacuum breaker, bung adapter, 1" inlet & ¾" outlet, 8' hose & nozzle and telescoping suction pipe. A kit is available to fit a 807C meter to this model. See kit number 807CMK

Access Equipment, Material Handling, & Storage

TUTHILL Transfer Systems

TUTHILL

Series 1200C DC Pump

Fill-Rite

- This industry standard DC pump dispenses up to 15 GPM (57 LPM)
- The pump weighs less than 27 lbs., with hose and nozzle, and has a draw that's easy on the DC power source
- Explosion-proof UL/cUL listed 1/4 HP motor with permanent magnet and ball bearings
- Heavy-duty switch, thermal overload protection and junction box
- Heavy-duty battery cable
- Iron rotor
- Automatic bypass valve
- Built-in strainer
- 12' (3.7m) hose with static ground wire
- Manual nozzle with nozzle boot that protects against dirt and contamination
- 2" threaded base for tank openings
- Corrosion-Proof adjustable section pipe
- Machined carbon vanes
- Pump may be padlocked
- No foot valve required
- Rain proof

Options:

- Series 800C meter in gallons/liters
- Automatic nozzle
- Series 2400C, 1/4 HP, 24 Volt DC 10 Amp motor

Item #	Desc.
TUFR1210C	Basic 12 volt DC pump with 18' of battery cable, hose & nozzle and telescoping suction pipe

TUTHILL

Series 4200 DC Fuel Pump

Fill-Rite

- 12 Volt High-Flow Pump
- In a world where time is money, the FR4210 saves you both
- Thanks to its high flow rate of 20 GPM (76 LPM) and low 22 Amp draw, you'll spend less time at the pump and more time accomplishing the task at hand
- 1/4 HP, 12 Volt DC motor
- Built-in check valve, bypass valve and thermal expansion valve
- 1" diameter, 12´ hose and 1" manual nozzle
- Pump may be padlocked
- Corrosion-Proof adjustable section pipe
- Explosion-proof permanent magnet motor
- Thermal overload protection
- 30-minute duty cycle/not for continuous operation
- Ball bearing construction, no lubrication required
- Machined carbon vanes
- 2" threaded base for tank openings
- UL/cUL listed motor
- Rain proof

Options:

- Series 900 meter in gallons/liters
- Automatic nozzle
- Series FR4400, 1/4 HP, 24 Volt DC 13 Amp motor

Item #	Desc.
TU4210	Basic High-Flow 12 Volt DC Pump with 1" X 12' Hose & Nozzle, Telescoping Suction Tube and 18' of Battery Cable

weather guard

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Steel Ladder Rack

WEATHER GUARD® Truck Equipment

- Load capacity rating is 1000 lbs. Capacity is increased to 1500 lbs. when using the Accessory Screen
- Includes 4 legs, 3 cross members and 2 side rails
- Ford Super Cab Super Duty, GM, Dodge and Ford F-150 extended cab require separate purchase of Model 1247 Airfoil
- Adjustable leg socket allows easy positioning of the leg for proper fit to truck bed
- Removable pin on rear cross member allows you to quickly take off the rear cross member for loading large materials
- Tie down bracket can be bolted wherever you wish

Item #	Type of Vehicle	Length (in.)	Ship Weight (lbs.)
KN1245	Full Size Pickup-Short Bed	133½	159
KN1275	Full Size Pickup-Long Bed	149½	171

weather guard

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Standard Underbed Box

WEATHER GUARD® Truck Equipment

- Large open stainless steel D handle is easy to grab and operate
- Versatile 180° drop down door
- Three point latching system creates a positive closure on three sides of the door, making it secure and water resistant

Item #	Dimensions (HxWxL in.)	Weight (lbs.)	Cubic ft.	Door OPening H x W (in.)	Finish*
KN530-3-01	18⅛x18¼x30⅛	70	5.6	14½X28½	White Steel
KN536-3-01	18⅛x18¼x36⅝	82	6.7	14½X34¾	White Steel

**** Also available in black steel finish***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Aluminum Underbed Boxes

WEATHER GUARD® Truck Equipment

- Box and door are made of heavy .100 thick diamond-plate aluminum
- Aluminum door features a welded-on reinforcing channel to make the door more rigid and assure a weather-tight seal
- Brushed stainless steel paddle handle for extra life and durability
- Recessed door to allow for full swing-down position with cables disconnected
- ARMOR TUF® powder coating

Item #	Dimensions (HxWxL in.)	Weight (lbs.)	Cubic ft.	Door Opening H x W (in.)	Finish*
KN631	18x18x30⅛	42	5.4	13½x25¼	Aluminum Diamond Plate
KN636	18x18x36⅝	47	6.5	13½x31¾	Aluminum Diamond Plate

**** Also available in black aluminum diamond plate***

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Drawer Units

PACK RAT®

- Mounts in most commercial vehicles
- Low-profile provides concealed and secure storage for heavy items without greatly reducing truck bed area

Item #	Finish*	Height (in.)	Width (in.)	Length (in.)	No. of Compartments Wide	Number of Dividers	Drawer Compartment WxLxD (in.)	Ship Weight (lbs.)
KN301-3	White	12⅜	29⅞	24	3	12	9.75 x 21 x 8.5	169
KN303-3	White	12⅜	39⅝	24	4	12	9.75 x 21 x 8.5	217
KN306-3	White	8⅞	20	48	2	12	9.75 x 45 x 5	179
KN307-3	White	8⅞	29⅞	48	3	18	9.75 x 45 x 5	247
KN308-3	White	8⅞	39⅝	48	4	24	9.75 x 45 x 5	322
KN312-3	White	8⅞	29⅞	24	3	12	9.75 x 21 x 5	151
KN336-3	White	12⅜	20	48	2	12	9.75 x 45 x 8.5	210
KN337-3	White	12⅜	29⅞	48	3	18	9.75 x 45 x 8.5	294
KN338-3	White	12⅜	39⅝	48	4	24	9.75 x 45 x 8.5	383

**** KN308-3 and KN338-3 also available in black finish***

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

weather guard

WEATHER GUARD® TRUCK & VAN EQUIPMENT

All Purpose Van Racks

WEATHER GUARD® Van Solutions

- Powder Coated heavy duty steel rack for full-size vans
- Additional cross members can be added for longer materials and ladders
- Available finishes include durable bright white, black or clear coat
- Velcro straps assist in securing your ladder for transport

Item #	Number of Cross Members	Height (in.)	Width (in.)	Length (in.)	Ship Weight (lbs.)
KN205-3	2	16	8	70½	42
KN216-3	3	16	8	70½	63

WEATHER GUARD® TRUCK & VAN EQUIPMENT

WEEKENDER® Ladder Rack

WEATHER GUARD® Truck Equipment

- Easy on, easy off for that occasional need to carry a ladder or long material
- Adjustable, tubular steel pockets bolt into the side of the truck bed. A set screw holds the upright in place
- Load bar is adjustable to accommodate the varied widths of ladders
- Mounting bracket allows WEEKENDER® Ladder Rack to be installed on driver side or curb side of truck
- For '95 and newer pickups, Chevy, Dodge, Ford and Toyota Tundra

Item #	Ship Weight (lbs.)
KN1450	56

WEATHER GUARD® TRUCK & VAN EQUIPMENT

Interior Sliding Ladder Rack

WEATHER GUARD® Van Soultions

Includes:

- Complete Rail Assembly and Installation Hardware

Specifications:

- Universal mounting bracket- Adjusts to different vehicles
- Adjustable rail length- Accepts up to an 8 foot ladder
- Side mounting brackets- Stores ladders vertically
- Front cradle- Adjusts to different ladder types
- Adjustable Front and Rear Cradle Assemblies

Features:

- Keeps ladder off the floor and out of the elements
- System allows for ladders to be loaded or unloaded in just seconds
- Ladders are held in place by utilizing a unique tension-locking system; there is no need for buckles, latches or strap

Item #	Ship Weight (lbs.)
KN250	27

DELTA

DELTA CONSOLIDATED INDUSTRIES

Vehicle Ladder Racks

PRO III™

- Optional 4th crossbar bolts on side channels where needed to support long, heavy loads
- Optional "no drill" clamp-on mounts eliminate drilling holes to mount the rack

Item #	Desc.
Ladder Racks	
DBL80000	Full Size Fully Adjustable Ladder Rack

DELTA CONSOLIDATED INDUSTRIES

Van Rack

White

- High-strength adjustable height brackets clamp on the rain gutters to support up to 500-pound loads
- Use holes in brackets to secure the load on the rack

Item #	# of Bars
DBV30023	3
DBV30003	2

TracRac

TRACRAC, INC.

TracRac Truck Rack System

Powder-Coated Aluminum

- Reposition or remove racks in seconds
- Rugged Aluminum - No rust or corrosion
- Carries 1,000 lbs. capacity

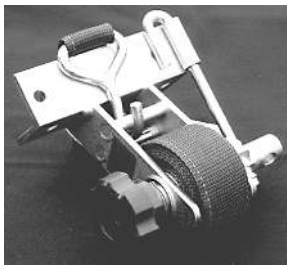
Item #	Desc.
TC21010	Base Rail Long Bed
TC21501	Short bed base rails
TC22500	Overhead Rack
TC22510	Overhead Rock - Ford Super Duty
TC22666	Cantilever Extensions
TC23000	Full Size Cargo Holder

RACK-STRAP

RACK STRAP

Strap Mounting Brackets

- Solid steel constructed frame
- Zinc and yellow chromate plated for extreme weather protection
- 7 feet x 1.5 inch polyester strap w/ hook
- Complete assembly, ready to install



Item #	Desc.
RKRS-1	For Square Tube And Angle Iron
RKRS-3	Curved For 2" O.D. Pipe
RKSRS-4	Curved For 1⅝" O.D. Pipe

EAGLE

EAGLE MANUFACTURING CO.

Safety Cans

Metal Type I

- Meets OSHA requirements and are UL and FM approved
- Made of galvanized steel
- Equipped with brass pour spout and flame arrestor

Item #	Cap.	Approval
EAUI-10-S	1 gal.	UL, ULC, FM
EAUI-20-S	2 gal.	UL, ULC, FM
Diesel		
EAUI-20-SY	2 gal.	UL, ULC, FM
EAUI-50-SY	5 gal.	UL, ULC, FM

EAGLE MANUFACTURING CO.

30 Gallon Safety Storage Cabinets

Two-Door

- Meet OSHA requirements, are FM approved & meet NFPA Code 30 requirements
- 30 gallon capacity
- 43 in. wide x 18 in. deep x 44 in. high
- 14-3/4 in shelf depth, 1 shelf

Item #
EA1932

EAGLE MANUFACTURING CO.

Safety Cans

Metal Type II

- These Eagle safety products meet OSHA requirements and most are either Factory Mutual Approved or listed by Underwriters Laboratories, Inc., (UL) and Underwriters Laboratories of Canada (ULC)
- Eagle Safety Containers are manufactured to exacting standards, reflecting sophisticated technology and superior workmanship
- Eagle equals engineering excellence, providing you with the most dependable containers on the market
- Eagle Type I Safety Cans for safer carrying and storing of gasoline and flammable liquids
- Equipped with brass pour spout and flame arrestor
- About Flame Arrestors - Eagle Safety Cans have double-walled brass flame arrestors
- Hot air entering the can is cooled as it passes through the arrestor
- The arrestors absorb and dissipate the heat, keeping the vapor temperature below its ignition (flash) point - another reason for using Eagle Safety Cans for temporary storage of gasoline or other flammable liquids

Item #	Cap.	Approval	Dia. (in.)	Ht. (in.)	Wt. (lbs.)
EAU2-26-S	2 gal.	UL, ULC, FM	11.25	9.50	8
EAU2-51-S	5 gal.	UL, ULC, FM	12.25	13.50	10
Diesel					
EAU2-51-SY	5 gal.	UL, ULC, FM	12.50	13.50	10
Accessories					
EAFD-25	12" Flex Spout ⅞" O.D.	-			
EAF-15	10" Poly Funnel	-			

EAGLE MANUFACTURING CO.

45 Gallon Safety Storage Cabinets

- Meet OSHA requirements, are FM approved & meet NFPA Code 30 requirements
- 45 gallon capacity
- 43 in. wide x 18 in. deep x 65 in. high
- 14-3/4 in. shelf depth, 2 shelves

Item #
EA1947

EAGLE MANUFACTURING CO.

Safety Storage Cabinets

- Meet OSHA requirements,are FM approved & meet NFPA Code 30 requirements

Item #	Desc	Max. Cap. (gal.)	Wdth. (in.)	Dpth. (in.)	Ht. (in.)	Shelf Dpth. (in.)	Shelves
EA1925	1 Door	12	23	18	35	14¾	1
EA1962	2 Doors	60	31¼	65	28	2	
Cabinet Accessories							
EA1915	15, 30 & 45 gal. cabinet shelf	-					

APEX

1/4", 3/8" & 1/2" Drive Socket Set

107-Piece Fractional/ Metric

Armstrong®

- Made in the USA

Sockets

- 1/4 drive 6 pt. standard length: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
- 1/4 drive 6 pt. deep: 3/16, 7/32, 1/4, 5/16, 11/32, 3/8, 7/16
- 3/8 drive 12 pt. standard length: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16
- 3/8 drive 12 pt. deep: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8
- 3/8 drive 6 pt. spark plug sockets: 5/8, 13/16
- 1/2 drive 12 pt. standard length: 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16
- 1/2 drive 12 pt. deep: 1/2, 9/16, 5/8, 11/16
- 1/4 drive 6 pt. standard length: 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm
- 1/4 drive 6 pt. deep: 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm
- 3/8 drive 12 pt. standard length: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm
- 3/8 drive 12 pt. deep: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm
- 1/2 drive 12 pt. standard length: 18mm, 19mm, 20mm, 21mm, 22mm

Drive Tools

- 1/4 drive 3" extension
- 1/4 drive round head ratchet
- 1/4 drive spinner handle
- 3/8 drive 3" extension
- 3/8 drive round head ratchet
- 3/8 F, 1/2 M adapter
- 1/2 drive 2" extension
- 1/2 drive round head ratchet

Item #
AR15-524A

APEX

1/4" Drive Socket Set

13-Piece, 6 Point, Standard Length

Armstrong®

Contents: 9 Sockets, 4 Drive Tools. Metal Box

- Sockets: 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
- Drive Tools: Extension, 1/4 Dr, 1-1/2"; 1/4" Dr, 6"; Spinner Handle, 1/4" Dr; Quick Release Ratchet, 1/4" Dr

Item #
AR15-246A

APEX

1/4" Drive Socket Set

21-Piece, 6 Point

Armstrong®

Contents: 16 Sockets, 5 Drive Tools. Metal Box

- Standard Length Sockets: 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
- Deep Sockets: 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
- Drive Tools: Extension, 1/4" Dr, 1-1/2"; Extension, 1/4" Dr, 6"; Universal Joint, 1/4" Dr; Spinner Handle, 1/4" Dr; Quick Release Ratchet, 1/4" Dr

Item #
AR15-248A

APEX

1/4" Drive Socket Set

22-Piece 6 & 12 Point Standard and Deep

GEARWRENCH®

- 6 Pt. Deep Sockets: 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
- 12 Pt. Standard Sockets: 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
- Drive Tools: 1/4 Drive Full Polish Teardrop Ratchet, 2" Standard Extension, 6" Standard Extension, Spinner Handle

Item #
GW80325

Call Edge for help with finding the right tool for your job. We stock and can source many more products than are shown in this catalog.

APEX

APEX

3/8" Drive Deep Impact Socket Set

9-Piece Fractional

Armstrong®

- Includes Socket Bar 16-831 and (9) Socket Clips 16-843
- Sockets: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4

Item #

AR19-895

APEX

3/8" Drive Socket Set

12-Piece, 12 Point

Armstrong®

Contents: 9 Sockets, 3 Drive Tools, Metal Box

- Standard Length Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16
- 12-pt. Spark Plug Socket: 5/8
- Drive Tools: Extension, 3/8 Dr, 3"; Extension, 3/8 Dr, 6"; Quick Release Ratchet, 3/8 Dr

Item #

AR15-321A

APEX

3/8" Quick Release Ratchet

18-Piece, 12 Point

Armstrong®

Contents: 15 Sockets, 3 Drive tools, Metal Box

- Standard Length Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 3/8, 7/16, 1/2, 9/16
- Deep Sockets: 5/8, 11/16, 3/4
- Spark Plug Socket: 5/8
- Drive Tools: Extension, 3"; Extension 6"; Ratchet, quick release

Item #

AR15-322A

APEX

3/8" Drive Socket Set

22-Piece Metric, 6 Point

Armstrong®

Contents: 19 Sockets, 3 Drive Tools. In Case

- Standard Length Sockets: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm
- Deep Sockets: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm
- Drive Tools: Extension, 3"; Extension, 6" ; Quick Release Ratchet

Item #

AR44-326A

APEX

3/8" Drive Socket Set

12-Pc. Fractional

GEARWRENCH®

- 6 Pt. Std. Socket: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8"
- 12 Pt. Std. Socket: 13/16"
- Drive tools: Ratchet ,3" Extension, 6" Extension

Item #

GW80556

APEX

3/8" Drive Socket Set

21-Pc. Fractional 6 & 12 Pt. Standard and Deep

GEARWRENCH®

6 Pt. Deep Socket: 1/4", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8"

12 Pt. Std. Socket: 1/4" , 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

Drive tools: Ratchet, 3" Extension, 6" Extension

Item #

GW80557

APEX

3/8" Drive Hex Driver Socket Set

7-Piece

Armstrong®

Contents: 7 Hex Drivers. Includes Socket Bar (10) Socket Clips

- Hex Driver Sockets With Standard Length Bits: 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

Item #

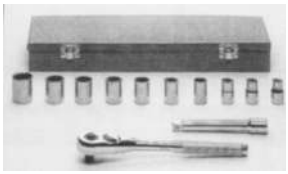
AR15-440

APEX

1/2” Drive Sq. Drive Socket Set

12-Piece, 12-Point, Standard Length

Armstrong®



Contents: 10 Sockets, 2 Drive Tools. In Case.

- 12-pt. Standard Length Sockets: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1
- Drive Tools: Extension, 1/2” Dr, 6”; Quick Release Ratchet, 1/2” Dr

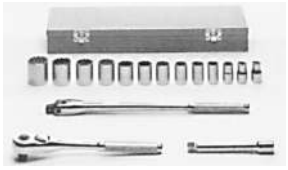
Item #
AR15-519A

APEX

1/2” Drive Socket Set

16-Piece, 12 Point, Standard Length

Armstrong®



Contents: 13 Sockets, 3 Drive Tools. In Case.

- Sockets: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4
- Drive Tools: Extension, 1/2” Dr, 6”; Flex Handle, 1/2” Dr, 15”; Quick Release Ratchet, 1/2” Dr

Item #
AR15-518A

APEX

1/2” Drive Socket Set

23-Piece

Armstrong®

Contents: 20 Sockets, 3 Drive Tools. In Metal Box.

- 6-pt. Standard Length Sockets: 7/16, 1/2, 9/16,
- 12-pt. Standard Length Sockets: 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4
- 12-pt. Deep Sockets: 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8
- Drive Tools: Extension, 1/2” Dr, 6”; Flex Handle, 1/2” Dr, 15”; Quick Release Ratchet, 1/2” Dr

Item #
AR15-517A

APEX

1/2” Drive Socket Set

23-Piece, Metric, 12-Point, Standard Length

Armstrong®

Contents: 19 Sockets, 4 Drive Tools. In Case.

- Sockets: 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 27mm, 30mm, 32mm
- Drive Tools: Extension, 1/2” DR, 6”; Extension, 1/2” Dr, 10”; Flex Handle, 1/2” Dr, 15”; Quick Release Ratchet, 1/2” Dr

Item #
AR44-516A

APEX

1/2” Drive Socket Set

23-Pc. Fractional, 6-Point, Standard and Deep

GEARWRENCH®

- 6 Pt. Deep Socket: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
- 6 Pt. Std. Socket: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8"
- Drive Tools: Ratchet, 5" Extension, 15" Extension

Item #
GW80707

APEX

1/2” Drive Socket Set

33-Pc. Fractional, 6 Pt., Standard and Deep

GEARWRENCH®

- Std. Socket: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-1/2"
- Deep Socket: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4", 1-1/2"

Polish Teardrop Ratchet

- Drive Tools: 3" Extension, 5" Extension, Flex Handle, Universal Joint

Item #
GW80715

APEX

1/2” Drive Impact Socket Set

9-Piece, 6-Point

Armstrong ®

Includes Socket Bar and (10) Socket Clips.

- Sockets: 1/2, 9/16, 5/8, 11/16, 3/4, 13/16

Item #
AR20-889

APEX

1/2" Drive Impact Socket Set

11-Piece, 6-Point

Armstrong®

Includes Socket Bar and (20) Socket Clips.

- Sockets: 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8

Item #
AR20-893

APEX

1/2" Drive Deep Impact Socket Set

8-Piece, 6-Point

Armstrong®

Includes Socket Bar and (8) Socket Clips

- Sockets: 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16

Item #
AR20-897

APEX

1/2" Drive Impact Socket Set

14-Piece, Deep

Armstrong®

Includes Socket Bar with Clips.

- Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4

Item #
AR20-895A

APEX

1/2" Drive Hex Bit Socket Set

7-Piece

Armstrong®

Contents: 7 Hex Drivers in cardboard box. Includes Socket Bar and (10) Socket Clips.

- Hex Driver Sockets with Standard Length Bits: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8

Item #
AR15-610

APEX

3/4" Drive Socket Set

27-Piece Standard, 12-Point, Standard

GEARWRENCH®

- SAE Socket: 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2", 1-5/8", 1-11/16", 1-3/4", 1-13/16", 1-7/8", 2", 2-1/8", 2-3/16", 2-1/4", 2-3/8"
- Drive Tools: Ratchet, 5" Extension, 8" Extension, 16" Extension, 18" Sliding T Handle, 19" Flex Handle

Item #
GW80880

APEX

3/4" Drive 6-Pt. Impact Socket Set

14-Piece

Armstrong®

Includes (2) Socket Bars and (14) Socket Clips

- Sockets: 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8

Item #
AR21-893

APEX

3/8" Drive

6-Point. Standard Length Sockets

Armstrong®

Item #	Size (in.)
AR11-008	1/4
AR11-010	5/16
AR11-012	3/8
AR11-014	7/16
AR11-022	11/16
AR11-028	7/8
AR11-030	15/16
AR11-032	1

APEX

3/8” Drive Sockets

12-Point, Standard Length

Armstrong®

Item #	Size (in.)
AR11-110A	5/16
AR11-112A	3/8
AR11-114A	7/16
AR11-116A	1/2
AR11-118A	9/16
AR11-120A	5/8
AR11-122A	11/16
AR11-124A	3/4
AR11-126A	13/16
AR11-128A	7/8

APEX

3/8" Drive Sockets

6-Point, Deep

Armstrong®

Item #	Open. (in.)
AR11-212	3/8
AR11-214	7/16
AR11-220	5/8
AR11-222	11/16
AR11-224	3/4

APEX

3/8” Drive Sockets

12-Point, Deep

Armstrong®

Item #	Open. (in.)
AR11-312A	3/8
AR11-314A	7/16
AR11-316A	1/2
AR11-318A	9/16
AR11-320A	5/8
AR11-322A	11/16
AR11-324A	11/16
AR11-326A	13/16
AR11-328A	7/8

APEX

3/8” Drive Regular Spark Plug Sockets

6-Point

Armstrong®

Item #	Size (in.)
AR11-501	5/8
AR11-504	13/16

APEX

3/8" Drive Standard Length Hex Driver Sockets

Armstrong®

Item #	Bit Size (in.)
AR11-708	1/8
AR11-709	9/64
AR11-710	5/32
AR11-711	13/16
AR11-712	7/32
AR11-713	1/4
AR11-714	5/16
AR11-715	3/8

APEX

3/8” Quick Release Ratchet

Tear Drop

Armstrong®

Fed. Std. GGG-W-641e ANSI Spec. B107.10M

Item #	Length (in.)	No. of Teeth
AR11-967A	7.625	36

APEX

3/8” Flex Head Ratchet

Tear Drop, Quick Release

Armstrong®

Fed. Std. GGG-W-641e ANSI Spec. B107.10M

Item #	Length (in.)	No. of Teeth
AR11-974A	11.375	36

APEX

3/8" Drive Hinge Handle

Armstrong®

- Chamfered drive ends guide socket onto drive tangs
- Designed to give strength and balance
- High polish chrome finish
- Also available in black finish

Item #	Length (in.)
AR11-918	8½

APEX

3/8" Drive T-Handle

Armstrong®

- Chamfered drive guide sockets onto drive tangs
- High polish chrome finish
- 7” overall length

Item #	Length (in.)
AR11-938	8

APEX

3/8" Drive Speeder

Armstrong®

- Chamfered drive ends guide socket onto drive tangs
- High polish chrome finish
- 16-3/4” overall length

Item #	Length (in.)
AR11-935	16¾

APEX

3/8" Drive Extensions

Armstrong®

- Chamfered drive ends guide socket onto drive tangs
- Designed to give strength and balance
- High polish chrome finish

Item #	Wt. (lbs.)	OA Length (in.)
AR11-921	.08	1½
AR11-922A	.13	3
AR11-923A	.21	6
AR11-925A	.27	8
AR11-927	.40	12

APEX

3/8" Drive Ratchet Adapters

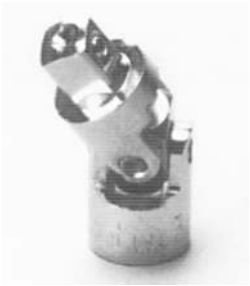
Armstrong®

- Chamfered drive ends guide sockets onto drive tangs
- Chamfered receiving ends guide drives onto drive tangs

Item #	Desc. (in.)	Wt. (lbs.)
AR11-951	⅜ F, ¼ M	.06
AR11-952A	⅜ F, ½ M	

APEX

3/8” Drive Universal Joint



Armstrong®

Item #	Length (in.)
AR11-947	2.000

APEX

1/2" Drive Sockets

6-Point, Standard Length

Armstrong®

Item #	Open. (in.)
AR12-014	7/16
AR12-016	½
AR12-018	9/16
AR12-020	⅝
AR12-022	11/16
AR12-026	13/16
AR12-028	⅞
AR12-032	1
AR12-034	1 1/16
AR12-040	1¼

APEX

1/2” Drive Spark Plug Socket

6-Point

Armstrong®

Item #	Size (in.)
AR12-504	13/16

APEX

1/2” Drive Sockets

12-Point, Standard Length

Armstrong®

Item #	Size (in.)
AR12-112A	3/8
AR12-114A	7/16
AR12-116A	1/2
AR12-118A	9/16
AR12-120A	5/8
AR12-122A	11/16
AR12-124A	3/4
AR12-126A	13/16
AR12-128A	7/8
AR12-130A	15/16
AR12-132A	1
AR12-134A	1 1/16
AR12-136A	1 1/8
AR12-140A	1 1/4
AR12-142	1 5/16
AR12-144	1 3/8
AR12-146	1 7/16
AR12-148A	1 1/2

APEX

1/2” Drive Sockets

12-Point, Deep Length

Armstrong®

Item #	Size (in.)
AR12-312A	3/8
AR12-316A	1/2
AR12-318A	9/16
AR12-320A	5/8
AR12-322A	11/16
AR12-324A	3/4
AR12-326A	13/16
AR12-328A	7/8
AR12-330A	15/16
AR12-332A	1
AR12-334A	1 1/16
AR12-336A	1 1/8
AR12-340A	1 1/4

APEX

1/2" Drive Sockets

6-Point, Deep Length

Armstrong®

Item #	Open. (in.)
AR12-212	3/8
AR12-216	1/2
AR12-220	5/8
AR12-226	13/16
AR12-244	1 3/8

APEX

1/2" Drive Standard Length Hex Driver Sockets

Armstrong®

Item #	Bit Size (in.)
AR12-714	5/16
AR12-715	3/8
AR12-716	7/16
AR12-717	1/2
AR12-718	9/16
AR12-719	5/8

APEX

1/2” Sq. Drive Teardrop Ratchet

Quick Release

Armstrong®

Fed. Std. GGG-W-641e ANSI Spec. B107.10M

Item #	Length (in.)
AR12-967A	10.313

APEX

1/2" Drive Ratchet

Armstrong®

- Comfort grip hand-fitting handle
- Recessed reversing lever
- On-Off indicating lever
- 10-1/2” overall length, 1.625” head width, .875” head depth

Item #
AR12-972

APEX

1/2” Drive Round Head Ratchet

Armstrong®

Item #	Length (in.)	Head Width (in.)	Head Depth (in.)
AR12-915	10.480	1.750	1.300

APEX

1/2” Round Head Ratchet

Quick Release Long Handle

Armstrong®

Item #
AR12-909A

APEX

1/2” Drive, Long Handle Teardrop Ratchet

Armstrong®

Item #	Length (in.)	Head Width (in.)	Head Depth (in.)
AR12-973	15	1.625	0.875

APEX

1/2” Drive, Flex Head Teardrop Ratchet

Armstrong®

Item #	Length (in.)	Head Width (in.)	Head Depth (in.)
AR12-974	14¼	1.625	0.875

APEX

1/2” Teardrop Flex Head Ratchet

Quick Release

Armstrong®

Item #
AR12-974A

APEX

1/2” Drive Flex Handle

Armstrong®

- Material: Forged alloy steel
- Finish: Nickel chrome
- Locking Type: Ball
- Meets Fed. Std GGG-W-641e
- Meets ANSI Spec. B107.10M

Item #	Length (in.)
AR12-917A	15.00

APEX

1/2” Drive Speeder Handle

Armstrong®

- Meets Federal Standards GGG-W-641e: Meets ANSI Spec.

Item #	Length (in.)
AR12-935A	19.56

APEX

1/2" Drive T-Handle

Armstrong®

- Chamfered drive end guides sockets onto drive tang
- High polished chrome finish

Item #	Length (in.)
AR12-938	15

APEX

1/2" Drive Extensions

Armstrong®

- Notched on all four sides of the square so the loading ball in the drive tang will seat on any wall
- Chamfered drive ends guide socket onto drive tang
- High polished chrome finish

Item #	OA Lgth. (in.)
AR12-921	2
AR12-923A	6
AR12-924A	10
AR12-927	20

APEX

1/2" Drive Adapters

Armstrong®

Item #	Desc. (in.)
AR12-951	½ F, ⅜ M
AR12-952	½ F, ¾ M

APEX

1/2” Drive Universal Joint

Armstrong®

Fed. Std. GGG-W-641e ANSI Spec. B107.10M

Item #	Length (in.)
AR12-947A	2.690

APEX

1/2" Drive Ratchet Repair Kit

Armstrong®

NO IMAGE AVAILABLE

Contains:

- Illustrated instruction sheet for repairing the 12-972, 12-973, or 20-972 ratchets
- Gear, Pawl, Shifting lever, Spring, Ball, Cover plate, Cover plate screws

Item #
AR12-990

APEX

1/2" Drive Impact Sockets

12-Point

Armstrong®

Item #	Open. (in.)
AR20-012	3/8
AR20-014	7/16
AR20-016	1/2
AR20-018	9/16
AR20-020	5/8
AR20-022	11/16
AR20-024	3/4
AR20-026	13/16
AR20-028	7/8
AR20-030	15/16
AR20-032	1
AR20-034	1 1/16
AR20-036	1 1/8
AR20-038	1 3/16
AR20-040	1 1/4
AR20-042	1 5/16
AR20-044	1 3/8
AR20-046	1 7/16
AR20-048	1 1/2

APEX

1/2" Drive Impact Sockets

12-Point, Deep

Armstrong®

Item #	Open. (in.)
AR20-212	3/8
AR20-214	7/16
AR20-216	1/2
AR20-218	9/16
AR20-220	5/8
AR20-222	11/16
AR20-224	3/4
AR20-226	13/16
AR20-228	7/8
AR20-230	15/16
AR20-232	1
AR20-234	1 5/16
AR20-236	1 1/8
AR20-240	1 1/4
AR20-242	1 5/16
AR20-244	1 3/8
AR20-246	1 7/16
AR20-248	1 1/2

APEX

1/2" Drive Universal Impact Sockets

6-Point

Armstrong®

- True 360º rotation of socket end for extended range of motion
- Maximum operating angle 30°

Item #	Opening Size (in.)
AR20-574	3/4
AR20-580	15/16

APEX

1/2" Drive Impact Extensions

Armstrong®

Item #	OA Lgth. (in.)
AR20-923	5
AR20-924	10

APEX

1/2” Drive Impact Drive Adapter

Armstrong®

20-952: Male square has pin thru hole.

- ANSI B107.2
- Fed'l spec. GGG-W-660a

Item #	Desc. (in.)	Overall Length
AR20-952	½ F, ¾ M	1.813½ in. F, ¾ in. M

APEX

1/2" Drive Impact Universal Joint

Armstrong®

Item #
AR20-947

APEX

3/4" Drive Sockets

12-Pt. Standard Length

Armstrong®

Item #	Open. (in.)
AR13-126	15⁄16
AR13-128	7⁄8
AR13-130	15⁄16
AR13-132	1
AR13-134	1 1⁄16
AR13-136	1 1⁄8
AR13-138	1 3⁄16
AR13-140	1 1⁄4
AR13-142	1 5⁄16
AR13-144	1 3⁄8
AR13-146	1 7⁄16
AR13-148	1 1⁄2
AR13-150	1 9⁄16
AR13-152	1 5⁄8
AR13-154	1 11⁄16
AR13-156	1 3⁄4
AR13-158	1 13⁄16
AR13-160	1 7⁄8
AR13-164	2
AR13-168	2 1⁄8
AR13-172	2 1⁄4

APEX

3/4” Drive Ratchets

Armstrong®

Fed. Std. GGG-W-641e ANSI Spec. B107.10M

Item #
AR13-972

Repair Kit

AR13-990

APEX

3/4” Flex Handle

Armstrong®

- Nickel-chrome finish that provides a lifetime of corrosion resistance for these heavy-duty tools

Item #	Length (in.)
AR13-918	17.550

APEX

3/4" Drive T-Handle

Armstrong®

- Drive Size: 3/4” (male square)
- Locking Type: Ball
- Meets Federal Standards GGG-W-641e
- Meets ANSI Spec. B107.10M

Item #	Length (in.)
AN13-938	18

APEX

3/4” Drive Extensions

Armstrong®

Fed. Std. GGG-W-641e ANSI Spec. B107.10M

Item #	Size (in.)
AR13-922	5
AR13-923	8
AR13-925	16

APEX

3/4" Drive Ratchet Adapters

Armstrong®

- Chamfered drive ends guide sockets onto drive tangs
- Chamfered receiving ends guide drives onto drive tangs
- High polished chrome finish

Item #	Desc. (in.)	Wt. (lbs.)
AR13-951	¾ F, ½ M	.51
AR13-952	¾ F, 1 M	.75

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

APEX

3/4" Drive Impact Sockets

6-Point

Armstrong®

Item #	Open. (in.)
AR21-024	¾
AR21-026	13⁄16
AR21-028	⅞
AR21-030	15⁄16
AR21-032	1
AR21-034	1 1⁄16
AR21-036	1⅛
AR21-038	1 3⁄16
AR21-040	1¼
AR21-042	1 5⁄16
AR21-044	1⅜
AR21-046	1 7⁄16
AR21-048	1½
AR21-052	1⅝
AR21-054	1 11⁄16
AR21-056	1¾
AR21-058	1 13⁄16
AR21-060	1⅞
AR21-062	1 15⁄16
AR21-064	2

APEX

3/4" Drive Impact Sockets

6-Point, Deep

Armstrong®

Item #	Open. (in.)
AR21-224	¾
AR21-226	13⁄16
AR21-228	⅞
AR21-230	15⁄16
AR21-232	1
AR21-234	1 1⁄16
AR21-236	1 1⁄18
AR21-238	1 3⁄16
AR21-240	1 1⁄14
AR21-242	1 5⁄16
AR21-244	1⅜
AR21-246	1 7⁄16
AR21-248	1½
AR21-252	1⅝

APEX

3/4" Drive Impact Extensions

Armstrong®

Item #	OA Lgth. (in.)
AR21-923	7
AR21-924	10

APEX

3/4" Drive Impact Drive Adapters

Armstrong®

Item #	Desc. (in.)
AR21-951	¾ F, ½ M
AR21-952	¾ F, 1 M

APEX

3/4" Drive Impact Universal Joint

Armstrong®

Item #
AR21-947

APEX

3/4" Drive Ret Rings

Armstrong®

Item #	ID of Ring	Hub Dia. Skt. (lbs.)
AR21-964	1 7⁄16"	1⅝"
AR21-965	1⅝"	1¾"
AR21-967	1¾"	1⅞"

APEX

1" Drive Adapter

Armstrong®

- High polished chrome finish

Item #	Desc. (in.)
AR14-951	1" F, ¾" M

APEX

1" Drive Impact Drive Adapter

Armstrong®

Item #	Desc. (in.)
AR22-951	1 F, ¾ M

APEX

1" Drive Ret Rings

Armstrong®

Item #	ID of Ring (in.)	Hub Dia. Skt. (lbs.)
AR22-965	2⅛	2¼ and 2⅜

CHAINRING CONSTRUCTION PRODUCTS

Dawson Channel Socket

Channel Socket

- A unique tool which fits standard 1/2" drive ratchets
- It enables you to attach slotted channel directly to walls, floors & ceilings without the use of brackets or fittings, allowing unobstructed access to the channel mouth for hangers
- Reduce construction time
- Improved quality of connections
- CSM10: Socket for 3/8" hardware
- CSM10e: Long socket for 3/8" hardware in 2-7/16" & 3-1/4" deep strut
- CSM10s: Shallow socket for 3/8" hardware in 13/16" deep strut
- CSM12: 1-5/8" deep strut for 1/2" hardware (3/4" bolt head)
- CSM12e: 2-7/16" & 3-1/4" deep strut for 1/2" hardware (3/4" bolt head)

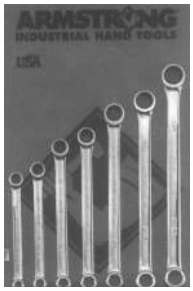
Item #	Drive Size (in.)	Max Strut Depth (in.)
CNCSM10	⅜	1⅝
CNCSM10e	⅜	3¼
CNCSM10s	⅜	13⁄16
CNCSM12	½	1⅝
CNCSM12e	½	3¼

APEX

Ratcheting Wrench Set

7-Piece, 12-Point

Armstrong®



- Wrenches: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
- Vinyl roll

Item #
AR27-609

APEX

Ratcheting Combination Wrench Set

7-Piece, SAE

GEARWRENCH®

- Wrenches: 15/16", 3/8", 17/16", 1/2", 9/16", 5/8", 3/4"

Item #
GW9317

APEX

Ratcheting Combination Wrench Set

7-Piece, Flex Handle

GEARWRENCH®

- Flex Combination Ratcheting Wrench: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

Item #
GW9700

APEX

Ratcheting Combination Wrench Set

8-Pc., Reversible

GEARWRENCH®

- Reversible Combination Ratcheting Wrench: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

Item #
GW9533

APEX

Ratcheting Wrench Set

17-Piece, 12-Point, Inches & Metric

Armstrong®

- Wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"
- Metric Wrenches: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm

Item #
AR27-708

APEX

Midget Combination Wrench Set

10-Piece, 12- and 6-Point

Armstrong®

- Available as a set only.
- Packaged in a pouch.
- Wrenches: 5/32 - 6 Pt, , 3/16 - 6 Pt. , 13/64 - 6 Pt. , 7/32 - 12 Pt. , 15/64 - 12 Pt. , 1/4 - 12 Pt. , 9/32 - 12 Pt. , 5/16 - 12 Pt. , 3/8 - 12 Pt. , 7/16 - 12 Pt.

Item #
AR25-600

APEX

Combination Wrench Set

9-Piece

Armstrong®

- Wrenches: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4
- Vinyl roll

Item #
AR25-611

APEX

Combination Wrench Set

11-Piece

Armstrong®

- Wrenches: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1
- Vinyl roll

Item #
AR25-608

APEX

Combination Wrench Set

11-Piece, Metric

Armstrong®

- Wrenches: 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm
- Vinyl Roll

Item #
AR52-606

APEX

Combination Wrench Set

14-Piece

Armstrong®

- Wrenches: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4
- Vinyl roll

Item #
AR25-607

APEX

Long Pattern Combination Wrench Set

15-Piece

GEARWRENCH®

Long Pattern Combination Wrench:
1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"

Item #
GW81918

APEX

Regular Length Combination Wrench

6-Point

Armstrong®

Item #	Open. (in.)	OA Lgth. (in.)
AR25-004	1/8	3.000
AR25-005	5/32	3.000
AR25-006	3/16	3.188
AR25-007	7/32	3.375
AR25-009	9/32	3.800

APEX

Combination Ratcheting Wrenches

SAE

GEARWRENCH®

Item #	Size (in.)	Overall Length (in.)
GW9008	¼	4.921
GW9010	5/16	5.508
GW9011	11/32	5.882
GW9012	3/8	6.256
GW9014	7/16	6.508
GW9016	½	7.008
GW9018	9/16	7.504
GW9020	5/8	8.201
GW9022	11/16	8.878
GW9024	¾	9.764
GW9026	13/16	11.476
GW9028	7/8	11.476
GW9030	15/16	13.114
GW9032	1	13.114
GW9034	1 1/16	14.142
GW9036	1 1/8	15.846
GW9038	1 1/4	16.764
GW9060	1 5/16	18.110
GW9062	1 3/8	18.110
GW9040	1 7/16	19.685
GW9042	1 ½	19.685
GW9044	1 9/16	22.638
GW9046	1 5/8	22.638
GW9048	1 11/16	24.213
GW9050	1 3/4	24.213
GW9052	1 13/16	25.394
GW9054	1 7/8	25.394
GW9056	2	25.787

APEX

Combination Wrenches

12-Point

Armstrong®

- Nickel-chrome finish provides lifetime corrosion resistance
- Drop forged and hardened alloy is stronger
- 15 degree offset handle offers better knuckle clearance
- Chamfered opening allows for faster and easier fit over fastener

Item #	Size (in.)	Overall Length
Regular Length		
AR30-308	¼	3.99
AR30-310	5/16	4.38
AR30-312	3/8	5.32
AR30-314	7/16	5.88
AR30-316	½	6.54
AR30-318	9/16	7.13
AR30-320	5/8	8.00
AR30-322	11/16	8.81
AR30-324	¾	9.67
AR30-326	13/16	10.58
AR30-328	7/8	11.56
AR30-330	15/16	12.58
AR30-332	1	13.56
Long Length		
AR25-484	1 1/16	14.69
AR25-486	1 1/8	15.63
AR25-490	1 1/4	16.94
AR25-242	1 5/16	18.31
AR25-244	1 3/8	20.35
AR25-246	1 7/16	20.35
AR25-248	1 ½	20.35
AR25-252	1 5/8	24.08
AR25-254	1 11/16	24.08
AR25-256	1 3/4	26.09
AR25-258	1 13/16	26.09
AR25-260	1 7/8	27.10
AR25-264	2	29.10
AR25-268	2 1/8	28.75
AR25-272	2 1/4	28..75
AR25-276	2 3/8	28.75
AR25-280	2 ½	28.75

APEX

Short Combination Wrenches

12-Point

Armstrong®

- Full polish finish

Item #	Open. (in.)	OA Lgth. (in.)
AR25-111	11/32	4.000
AR25-112	3/8	4.250
AR25-114	7/16	5.062
AR25-119	11/32	6.312
AR25-120	5/8	6.312
AR25-125	25/32	7.375
AR25-126	11/16	7.500
AR25-128	7/8	7.875

APEX

Long Combination Wrenches

12-Point

Armstrong®

- Full polish finish

Item #	Open. (in.)	OA Lgth. (in.)
AR25-210	5/16	5.750
AR25-211	11/32	5.750
AR25-212	3/8	6.500
AR25-214	7/16	7.250
AR25-216	1/2	8.000
AR25-218	9/16	8.750
AR25-220	5/8	9.500
AR25-222	11/16	10.250
AR25-226	13/16	11.750
AR25-228	7/8	12.500
AR25-232	1	14.000
AR25-234	1 1/16	14.750
AR25-242	1 5/16	20.125

APEX

Black Finish Construction Wrench

Armstrong®

Item #	Open. (in.)	OA Lgth. (in.)	Lgth. Tang (in.)
AR32-824	3/4	12.000	6.750

APEX

Micrometer Torque Wrenches

Armstrong®

- 10° ratcheting angle permits use in confined areas
- Rubber seal keeps lubrication in accuracy of +/- 3% and repeat-ability
- Easy to read dual scales - primary in SAE and secondary in metric
- Detent-style locking collar prevents accidental changes of settings
- Lightly knurled and grooved handle provides comfortable, non-slip grip

Item #	Primary Scale Range (ft/ lbs.)	Primary Scale Incr. (in./lbs.)	Alternate Scale Range (Nm)	Alternate Scale Incr. (Nm)
3/8" Drive				
AR64-041	50-250	1	6-29	.11
AR64-046	10-100	.5	17-139	.7
1/2" Drive				
AR64-086	25-250	1	43-348	1.4

APEX

Punch and Chisel Set

5-Piece

Gearwrench®

Contains:

- 82270 - 3/8" x 5" Center Punch
- 82273 - 1/8" x 5" x 5/16" Pin Punch
- 82274 - 5/32" x 5-1/4" x 5/16" Pin Punch
- 82275 - 3/16" x 5-1/2" x 5/16" Pin Punch
- 82264 - 1/2" x 6" x 3/8" Cold Chisel

Item #
GW82304

APEX

Punch and Chisel Set

12-Piece

Gearwrench®

Contains:

- 82261 - 1/4" x 4-3/4" x 1/4" Cold Chisel, 82262 - 3/8" x 5" x 5/16" Cold Chisel, 82264 - 1/2" x 6" x 3/8" Cold Chisel, 82265 - 5/8" x 6-1/2" x 3/8" Cold Chisel, 82270 - 3/8" x 5" Center Punch, 82272 - 3/32" x 4-3/4" x 5/16" Pin Punch, 82273 - 1/8" x 5" x 5/16" Pin Punch, 82274 - 5/32" x 5-1/4" x 5/16" Pin Punch, 82275 - 3/16" x 5-1/2" x 5/16" Pin Punch, 82278 - 1/8" x 8" x 3/8" Long Taper Punch, 82283 - 3/16" x 5" x 3/8" Starter Punch, 82285 - 1/8" x 4-1/2" x 5/16" Starter

Item #
GW82305

APEX

Pin Punch

Armstrong®

- Stock Shape: Hex
- Material: Steel
- Type: Pin Punch

Item #	Point (in.)	Hex Size (in.)	Length (in.)
AR70-105	1/8	5/16	5
AR70-131	1/4	3/8	7

APEX

Center Punch

Armstrong®

Item #	Hex Size (in.)	Length (in.)
AR70-239	1/2	6

APEX

Cold Chisels

Armstrong®

Item #	Cut (in.)	Hex Size (in.)	OA Length (in.)
AR70-309	1/2	3/8	6
AR70-311	5/8	1/2	6 1/2
AR70-313	3/4	5/8	7

APEX

Aligning Pry Bar

Armstrong®

- Heat treated alloy steel

Item #	Stock Size (in.)	OA Lgth. (in.)
AR70-507	7/8	30

APEX

Magnetic Retrieving Tool

Armstrong®

- Designed to position or retrieve small objects
- Spring-loaded plunger opens jaw at end of flexible casing
- When plunger is released, jaws grip object with surprising strength

Item #	Length (in.)
AR70-933	16 3/4 - 26 3/4

APEX

Inspection Mirrors

Armstrong®

- Designed for all types of inspection work where direct sight lines are obstructed
- Features an all-angle ball joint for greater versatility

Item #	Shape	Size (in.)	Length (in.)
AR70-927	Circular	1 1/4	8
AR70-929	Rectangular	2 1/8 x 3 1/2	11 1/4 to 15 1/2

APEX

Screw Extractor Set

Armstrong®

- 5-piece set in vinyl roll

Contains:

- 70-950
- 70-952
- 70-954
- 70-956
- 70-958

Item #
AR70-970

APEX

Screw Extractors

Armstrong®

- Alloy steel, black finish
- Straight, tapered flutes
- Extractors do not bind in the screw or cause it to spread against the hole
- Used for right or left handed screws, bolts or studs

Item #	Screw Size	Pipe Sizes (in.)	Lgth. (in.)	Use Drill Size (in.)	Min. Hole Dpth. (in.)	Shank (in.)	Size of Small End (in.)
AR70-952	5/16 to 3/8	-	2 5/8	3/16	1/2	3/16	11/64
AR70-954	7/16 to 1/2	1/8	2 7/8	15/64	1/2	1/4	13/64
AR70-958	9/16 to 5/8	3/8	3 1/4	3/8	5/8	3/8	11/32

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

APEX

APEX

C-Clamps

Deep Throat Pattern

Armstrong®

- Frame is drop forged carbon steel; all other parts are machined from carbon steel

Item #	Max Cap. (in.)	Min Cap. (in.)	Depth of Throat from Center of Screw (in.)	Thread Size	Length of Screws (in.)	Min. Proof Test
AR78-402	2	0	2	½"-8	4¾	3,300
AR78-403	3	0	2⅜	½"-8	5¾	3,500
AR78-404	4	0	3¼	¾"-6	7⅝	4,100
AR78-406	6	0	3⅝	¾"-6	9⅞	5,400
AR78-408	8	0	4½	¾"-6	12⅜	5,900
AR78-410	10	3	5⅜	¾"-6	12⅜	6,200
AR78-412	12	4	5¾	⅞"-6	13½	9,300

CHANNELLOCK

CHANNELLOCK

Concrete Nippers

- High carbon steel for superior performance
- Laser heat-treated cutting edges last longer
- Knife end anvil cutting edge
- Channellock blue comfort grips

Item #	Length (in.)
CL35-250	10
CL35-300	12

CHANNELLOCK

Diagonal Cutting Pliers

- Perfectly mated cutter, heat treated to hold it's edge
- Polished high carbon drop forged steel
- Channellock blue comfort grips

Item #	Length (in.)	Desc.
CL337	7	Lap Joint
CL435	5	Box Joint

CHANNELLOCK

Tongue & Groove Pliers

- Right angle teeth grip in all directions
- Safe-T-Stop™ prevents finger pinch
- Double Tongue and Groove, won't slip
- Channellock blue comfort grips

Item #	Adj.	Lgth. (in.)	Cap. (in.)	Jaw
CL410	4	9½	1⅛	Straight
CL420	5	9½	1½	Straight
CL422	5	9½	1½	Curved
CL426	5	6½	⅞	Straight
CL430	7	10	2	Straight
CL432	7	10	2	Curved
CL440	7	12	2¼	Straight
CL442	7	12	2¼	Curved
CL460	8	16	4¼	Straight
CL480	12	20¼	5½	Straight

CHANNELLOCK

Slip Joint Pliers

- Wire cutting shear
- Polished high carbon drop forged steel
- Permalock fastener eliminates nut and bolt failure
- Channellock blue comfort grips

Item #	Le2ngth (in.)
CL526	6
CL528	8

CHANNELLOCK

Ironworkers Pliers

- Polished high carbon drop forged steel
- Dog leg handle for better leverage when twisting wire
- Coiled spring
- Channellock blue comfort grips

Item #	Length (in.)
CL350-S	8¾

CHANNELLOCK

Adjustable Wrenches

- Chrome vandium finish
- Longer jaws grip better avoiding slippage or nut round-off
- Greater jaw capacity
- Thinner jaws for greater access
- Four thread knurl and non-protruding jaws

Item #	Overall Length (in.)	Jaw Capacity	UoM
CL804	4½	.51	Ea
CL806W	6¼	.938	Ea
CL808W	8	1.18	Ea
CL810W	10	1.375	Ea
CL812W	12	1.5	Ea
CL815	15	1.69	Ea
CL818	18	2.13	Ea

CHANNELLOCK

Adjustable Wrenches

Wide Azz Code Blue®

- Chrome vanadium finish
- Longer jaws grip better avoiding slippage
- Wider jaw capacity
- Four thread knarl
- Code blue grips

Item #	Overall Lgth. (in.)	Jaw Capacity
CL6WCB-6	6	1.34
CL8WCB-8	8	1.50

KLEIN TOOLS

Adjustable Wrenches

Extra-Capacity Design

- Jaws open 3/16" wider than standard design wrenches
- Extra capacity allows use of a smaller size wrench to handle bigger jobs
- Ideal for use in confined spaces
- Drop-forged alloy steel for maximum strength and light weight
- Chrome plated
- Plastic-dipped handles

Item #	Length (in.)	Capacity (in.)	Handle Type
KLD507-6	6	15⁄16	Plastic-Dipped
KLD507-8	8	1⅛	Plastic-Dipped
KLD507-10	10	1 5⁄16	Plastic-Dipped
KLD507-12	12	1½	Plastic-Dipped

IRWIN INDUSTRIAL TOOLS

GrooveLock Pliers

VISE-GRIP

- Press and slide button quickly adjusts lower jaw
- All purpose jaw grips on round, flat, square and hex shapes
- More groove positions provide the optimum hand location for a better grip on the work piece
- ProTouch Grips provide extra comfort and reduces hand fatigue
- Ratcheting action allows GrooveLock to be adjusted from the open position up to the work piece by pushing the handle up - no need to press the button
- Anti-pinch design prevents handles from pinching

Item #	Size (in.)	Jaw Capacity (in.)	Jaw Positions	Pipe Size (in.)
VG2078108	8	1¾	13	1
VG2078110	10	2¼	16	1½
VG2078112	12	2¾	19	2
VG2078116	16	4½	21	3¾
VG2078120	20	6	25	4½

IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Straight Jaw Locking Pliers

VISE-GRIP

- Straight jaw provides maximum contact on flat, square or hex materials

Item #	Description	Jaw Capacity (in.)
VG10R	10”	1⅞
VG7R	7”	1½

IRWIN INDUSTRIAL TOOLS

Curved Jaw Locking Pliers

VISE-GRIP

- Self-energizing lower jaw provides three times more gripping power, with no slipping or stripping on any style nut or bolt head

Item #	Description	Jaw Capacity (in.)
VG10CR	10”	1⅞
VG7CR	7”	1½
VG5CR	5”	1⅛

IRWIN INDUSTRIAL TOOLS

Curved Jaw Locking Pliers with Wire Cutter

VISE-GRIP

- Curved jaw with built-in wire cutter for a great variety of applications and material shapes

Item #	Size	Jaw Capacity (in.)
VG10WR	10”	1⅞
VG7WR	7”	1½
VG5WR	5	1⅛
VGWR	4	1

IRWIN INDUSTRIAL TOOLS

Long Nose Locking Pliers

VISE-GRIP

- Long, straight nose provides easy access in narrow, hard-to-reach places

Item #	Description	Jaw Capacity (in.)
VG9LN	9”	2¾
VG6LN	6”	2
VG4LN	4”	1⅝

IRWIN INDUSTRIAL TOOLS

Locking C-Clamps with Regular Tips

VISE-GRIP

- Wide-opening jaws provide greater versatility in clamping a variety of shapes

Item #	Size (in.)	Jaw Capacity (in.)	Throat Depth (in.)
VG24R	24	10	15½
VG18R	18	7½	9½
VG11R	11	4	2⅝
VG6R	6	2⅛	1½

IRWIN INDUSTRIAL TOOLS

Locking C Clamps with Swivel Pads

VISE-GRIP

- Swivel pads hold tapered work, awkward fabricating jobs and delicate projects without damaging the work surface

Item #	Size (in.)	Jaw Capacity (in.)	Throat Depth (in.)
VG18SP	18	8	9½
VG11SP	11	3⅜	2⅝
VG9SP	9	4½	4¾
VG6SP	6	2	1½
VG4SP	4	1⅝	1¼

IRWIN INDUSTRIAL TOOLS

Locking Sheet Metal tool

VISE-GRIP

- Makes bending, forming and crimping sheet metal jobs easier

Item #	Size (in.)	Jaw Capacity (in.)
VG8R	8	3⅛

IRWIN INDUSTRIAL TOOLS

Locking Welding Clamp

VISE-GRIP

- U-shaped jaws provide enhanced visibility and more working space

Item #	Size	Jaw Capacity (in.)
VG9R	9”	2¾

IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Locking Chain Clamp

VISE-GRIP

- Chain holds and locks around any shape or size

Item #	Size	Jaw Capacity (in.)
VG20R	9”	18

IRWIN INDUSTRIAL TOOLS

Replacement Plier Parts

VISE-GRIP

Replacement Parts:

- 07-Replacement Screw for 10R®, 10WR®, 10CR®, 20R®, 12LC®, 11R®, 11SP®, 18R®, 18SP™, 24R™, 24SP™ and 10LW®
- 21-Replacement Screw for 7R®, 7WR®, 7CR®, 7LW®, 9LN®, 9R® and RR™
- 91-Replacement screw for 4WR®, 4LN®, 4SP™ and 4LW®
- 08-Replacement spring for 10R®, 10WR®, 10CR®, 11R®, 11SP, 20R®, 12LC® and 10LW™
- 52-Replacement spring for 5WR®, 6LN®, 6R®, and 6SP®
- 92-Replacement spring for 4WR®, 4LN®, 4SP™ 4LW®
- 20REP-Replacement chain for 20R
- 20EXT-Chain extension for 20R

Item #	Description
VG07	Adjusting Screw
VG21	Adjusting Screw
VG51	Adjusting Screw
VG91	Adjusting Screw
VG08	Replacement Spring
VG52	Replacemnt Spring
VG92	Replacement Spring
VG20REP	Replacement Chain 18”
VG2OEXT	Extension Chain 18”

STANLEY

STANLEY INDUSTRIAL TOOLS

6-Way Screwdriver

- All-in-one screwdriver with 6 tips: #1 and #2 Phillips®, 1/4" 3/16" Slotted, 1/4" and 5/16" Nut Driver
- Slip-resistant rubber grip for comfort

Item #
ST68-012M

-

STANLEY INDUSTRIAL TOOLS

Screwdriver Set

11-Piece

Fatmax®

- Tools:
- Standard: 1/4” Stubby, 1/4” x 4”, 5/16” x 6”
- Cabinet: 1/8” x 3”, 3/16” x 3”
- Phillips: Opt x 2-3/8”, 2pt Stubby, 1pt x 3”, 2pt x 4”, 3pt x 6”
- Hybrid Offset: 1/4” Slotted, 2pt Phillips

- Ergonomically designed tri-lobular handle design provides maximum tip torque
- Slip-resistant rubber grip increases user comfort
- Tip identification symbol molded onto side handle makes tip identification easy

Item #
ST62-502

STANLEY INDUSTRIAL TOOLS

Screwdriver Set

4-Piece

Fatmax®

- Tools:
- Standard Tip: 1/4” x 4”, Cabinet: 3/16” x 3”
- Phillips: 1pt x 3, 2pt x 4”

- Ergonomically designed tri-lobular handle design provides maximum tip torque
- Slip-resistant rubber grip increases user comfort
- Tip identification symbol molded onto side handle makes tip identification easy

Item #
ST62-505

APEX

APEX

Combination Mini Dual Material

12-Piece

GEARWRENCH

- Tools: 1.5mm Mini Slotted Screwdriver, 2.0mm Mini Slotted Screwdriver, 2.5mm Mini Slotted Screwdriver, #00 Mini Phillips Screwdriver, #0 Mini Phillips Screwdriver, #1 Mini Phillips Screwdriver, T-5 Mini Torx® Screwdriver, T-6 Mini Torx® Screwdriver, T-7 Mini Torx® Screwdriver, T-8 Mini Torx® Screwdriver, T-9 Mini Torx® Screwdriver, T-10 Mini Torx® Screwdriver

Item #
GW80057

MIDWEST TOOL & CUTLERY

Offset Aviation Snips

- Hot-drop forged steel handles
- Heavy duty spring
- Soft grip handles
- Capacity of cutting 18 ga. cold-rolled sheet metal and 22 ga. stainless steel sheet metal

Item #	Description	Handle Color	Cutting Capacities (in.)
MDWP6510 L	Offset Left Cut	Red	1¼
MDWP6510 R	Offset Right Cut	Green	1¼
MDWP6510 S	Offset Straight Cut	Yellow	1½

MIDWEST TOOL & CUTLERY

Aviation Snips

- Hot-drop forged steel handles
- Heavy duty spring
- Soft grip handles
- Capacity of cutting 18 ga. cold-rolled sheet metal and 22 ga. stainless steel sheet metal

Item #	Description	Handle Color	Cutting Capacities (in.)
MDWP6716 L	Left Cut	Red	1⅜
MDWP6716 R	Right Cut	Green	1⅜
MDWP6716 S	Straight Straight	Yellow	1½

COOPER HAND TOOLS

Aluminum Snips

Wiss®

- Cuts straight, and curves (light gauge)
- For light gauge metal, flash, vinyl siding, gutter, net, rubber
- 3-1/2" blades, drop forged for long life
- Cutting Capacity: 23 gauge low carbon steel

Item #
CGW12MP

COOPER HAND TOOLS

Aviation Snips

Wiss®

- Non-slip serrated jaw of molybdenum steel withstands strain of cutting heavy stock
- Spring action for fast, effortless feed
- Non-slip textured grips and safety latch
- Maximum cutting capacity 18 ga. steel
- Length: 9-3/4"
- Length of Cut: 1-3/8"

Item #	Desc.	Handle Color
CGM1R	Left Cut	Red
CGM2R	Right Cut	Green
CGM3R	Straight Cut	Yellow

IRWIN INDUSTRIAL TOOLS

Aviation Snips

- Hot-drop forged steel blades
- Ergonomic ProTouch™ grips
- Cutting Capacity: 18 ga. steel, 23 ga. stainless steel
- Length: 10"
- Length of Cut: 1-5/16"

Item #	Description	Handle Color
IR2073111	Left Cut	Red
IR2073112	Right Cut	Green
IR2073113	Straight Cut	Yellow

IRWIN INDUSTRIAL TOOLS

Offset Snips

- Multiple pivot pins provide compound cutting action
- Cut at a sharper angle, distancing your hands from sharp, jagged work surfaces
- Cuts straight and angles or curves left
- Cutting Capacity: Cold- roll Steel 18 ga. Stainless Steel 23 ga.
- Length: 9-1/2"
- Length of Cut: 1-5/16"

Item #	Description	Handle Color
IR2073211	Left Cut	Red
IR2073212	Right Cut	Green

IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Tinner Snip

- Precision-ground blade edges ensure quality cuts
- Hot-drop forged steel blades provide maximum strength
- Double-dipped vinyl handles
- Cutting Capacity: 20 ga. steel, 22 ga. stainless steel
- Length: 12-3/4”
- Length of Cut: 2-3/4”

Item #
VG012

APEX TOOL GROUP

COOPER HAND TOOLS

Hand Seamers

Wiss®

- Used to bend and flatten sheet metal
- Optimal handle span for maximum power and comfortable operating range
- Non-slip cushion grips for superior comfort and control
- 1-1/4" maximum seam depth
- 1/4" depth markings

Item #	Size (in.)
CGWS3	3
CGWS6	6

COOPER HAND TOOLS

Folding tool

Wiss®

- Ideal for folding channels and making longer uniform folds
- Fold 3/8" and 1" depths
- Sight holes to help assure proper depth alignment

Item #	Description
CGWF18	18”

COOPER HAND TOOLS

Hand Crimpers

Wiss®

- Crimps male fitting end to connect guttering, down spouts or metal pipe
- Optimal handle span for maximum power and comfortable operating range
- Non-slip cushion grips for superior comfort and control
- 5 Blade Crimper, 1-1/4” depth

Item #
CGWC5S

COOPER HAND TOOLS

Hand Notcher

Wiss®

- Cuts 30 degree V shaped cut in sheet metal
- Gives clean notch without slipping at corners and take-off tabs
- Non-slip cushion grips for superior comfort and control
- Blade Length: 13/16 in.
- Tool Length: 8 3/4 in.
- Jaw/Throat Depth: 13/16 in.

Item #
CGWHN1

LEATHERMAN

LEATHERMAN

Kick® - Multi-Tool

12-Tools-in-1

- Stainless steel handles/body with Zytel® comfort-grip inserts
- Tools - 420HC clip point knife, needlenose pliers, regular pliers, wire cutters, wire stripper, large/small screwdriver, Phillips screwdriver, bottle/can opener & 8” ruler
- 4” length

Item #
LE830019

LEATHERMAN

LEATHERMAN

Fuse® - Multi-Tool

13-Tools-in-1

- One-at-a-time blade selection that gets you just the tool you want
- Tools - 420HC clip point knife, needlenose pliers, regular pliers, wire cutters, hard-wire cutters, wire stripper, large/small screwdriver, Phillips screwdriver, scissors, bottle/can opener & 8” ruler
- 4” length

Item #
LE830026

LEATHERMAN

Blast® - Multi-Tool

16-Tools-in-1 with 1 Bit

- Stainless steel handles with Zytel® comfort-grip inserts
- Longer blades mean easier slicing, sawing, filing and more
- Tools - 420HC clip point knife, needlenose pliers, regular pliers, wire cutters, hard-wire cutters, wire stripper, large/small screwdriver, Phillips screwdriver, small bit driver, scissors, wood/metal file, saw, bottle/can opener, 8” ruler & Phillips/flat tip eyeglasses screwdriver bit
- 4” length

Item #
LE830033

LEATHERMAN

Wave® - Multi-Tool

17-Tools-in-1 with 2 Bits

- Outside-accessible blades for one-handed opening
- Tools - 420HC clip point knife, 420HC sheepsfoot serrated knife, needlenose pliers, regular pliers, wire cutters, hard-wire cutters, wire stripper, large/small screwdriver, Phillips screwdriver, small bit driver, scissors, wood/metal file, diamond-coated file, saw, bottle/can opener, 8” ruler & Phillips/flat tip eyeglasses screwdriver bit, Phillips #1-2 and 3/16" bit
- 4” length

Item #
LE830040

LEATHERMAN

Core® - Multi-Tool

19-Tools-in-1

- Tools - 420HC clip point knife, 420HC sheepsfoot serrated knife, needlenose pliers, regular pliers, wire cutters, hard-wire cutters, stranded-wire cutters, wire stripper, 5/16”-7/32”-1/8” screwdrivers, Phillips screwdriver, wood/metal file, saw, bottle/can opener, 8” ruler & awl with thread loop
- 4-1/2” length

Item #
LE830147

LEATHERMAN

Surge® - Multi-Tool

18-Tools-in-1 with 2 Bits

- Stainless steel handles/body
- Outside-accessible blades for one-handed opening
- Blade exchanger, with all locking blades & tools
- Tools -420HC clip point knife, 420HC sheepsfoot serrated knife, needlenose pliers, regular pliers, wire cutters, hard-wire cutters, stranded-wire cutters, wire stripper, electrical crimper, large/small bit driver, scissors, wood/metal file, diamond-coated file, saw, bottle/can opener, 9” ruler, awl with thread loop & Phillips/flat tip eyeglasses screwdriver bit, Phillips #1-2 and 3/16" screwdriver bit
- 4-1/2” length

Item #
LE830161

LEATHERMAN

Charge AL® - Multi-Tool

17-Tools-in-1 with 8 Bits

- Stainless steel with 6061-T6 hard-anodized aluminum handle scales
- Outside-accessible blades for one-handed opening
- All locking blades & tools
- Tools -154CM stainless steel clip point knife, 420HC Sheepsfoot serrated knife, needlenose pliers, regular pliers, wire cutters, hard-wire cutters, wire stripper, large screwdriver, large/small bit driver, scissors, wood/metal file, diamond-coated file, saw, bottle/can opener, 8” ruler & Phillips/flat tip eyeglasses screwdriver bit, Hex 5/32" and 9/64" Bit, Hex 1/8" and 7/64" Bit, Hex 3/32" and 5/64" Bit, Hex 1/16"
- 4” length

Item #
LE830665

LEATHERMAN

LEATHERMAN

Charge ALX® - Multi-Tool

18-Tools-in-1 with 9 Bits

- Stainless steel with 6061-T6 hard-anodized aluminum handle scales
- Outside-accessible blades for one-handed opening
- All locking blades & tools
- Tools -154CM stainless steel clip point knife, 420HC sheepsfoot serrated knife with cutting hook, needle-nose pliers, regular pliers, wire cutters, hard-wire cutters, wire stripper, wire crimper, two large/one small bit driver, wood/metal file, diamond-coated file, saw, bottle/can opener, 8” ruler & Phillips/flat tip eyeglasses screwdriver bit, Hex 5/32" and 9/64" Bit, Hex 1/8" and 7/64" Bit, Hex 3/32" and 5/64" Bit, Hex 1/16"
- 4” length

Item #
LE830677

LEATHERMAN

Skeletool - Multi-Tool

7-Tools-in-1

- Stainless Steel Body
- AL Handle Insert
- Accessories: Needlenose Pliers, Regular Pliers, Wire Cutters, Hard-wire Cutters, Combo Knife, Bit Driver, Bottle Opener, Removable Pocket Clip

Item #	Options	Closed Length (in.)	Blade Length (in.)	Weight (oz.)
LE830948	Standard Sheath	4	2.6	5

LEATHERMAN

Juice CS4 - Multi-Tool

15-Tools-in-1

- Stainless Steel Body
- Anodized AL Handle Scales
- Accessories: Needlenose Pliers, Regular Pliers, Knife, Saw, Wire Cutters, Hard-wire Cutters, Extra-small Screwdriver, Small Screwdriver, Med/Lrg Screwdriver, Phillips Screwdriver, Bottle Opener, Can Opener, Awl Scissors, Corkscrew, Corkscrew Assist, Lanyard Ring

Item #	Color	Closed Length (in.)	Blade Length (in.)	Weight (oz.)
LE74204003K	Glacier Blue	3.25	2.6	5.5

LEATHERMAN

Super Tool 300 - Multi-Tool

19-Tools-in-1

- Stainless Steel Body
- Accessories: Needlenose Pliers, Regular Pliers, Wire Cutters, Electrical Crimper, Knife, Serrated Knife, File, Saw, Screwdrivers, Awl, Ruler, Bottle Opener, Can Opener, Wire Stripper, Lanyard Ring

Item #	Options	Closed Length (in.)	Blade Length (in.)	Weight (oz.)
LE831181	Standard Sheath	4.5	3.2	9.6

LEATHERMAN

Wingman - Multi-Tool

14-Tools-in-1

- Stainless Steel body
- Accessories: Needlenose Pliers, Regular Pliers, Wire Cutters, Combo Knife, Package Opener, File, Scissors, Screwdrivers, Ruler, Bottle Opener, Can Opener, Wire Stripper, Removable Pocket Clip

Item #	Closed Length (in.)	Blade Length (in.)	Weight (oz.)
LE831425	3.8	2.6	7.0

LEATHERMAN

Squirt PS4 - Multi-Tool

9-Tools-in-1

- Stainless Steel Body
- Anodized AL Handle Scales
- Accessories: Needlenose Pliers, Regular Pliers, Wire Cutters, Knife, Scissors, Wood/Metal File, Medium Screwdriver, Flat/Phillips Screwdriver, Bottle Opener, Key Ring Attachment

Item #	Color	Closed Length (in.)	Blade Length (in.)	Weight (oz.)
LE831188	Red	2.25	1.6	1.9

LEATHERMAN

Micra - Multi-Tool

10-Tools-in-1

- Stainless Steel Body
- Accessories: Spring-action Scissors, Knife, Nail file, Nail Cleaner, Tweezers, Extra-small Screwdriver, Medium Screwdriver, Flat/Phillips Screwdriver, Ruler, Bottle Opener, Key Ring Attachment

Item #	Color	Closed Length (in.)	Blade Length (in.)	Weight (oz.)
LE64010103K	Stainless Steel	2.5	1.6	1.8

STANLEY

STANLEY INDUSTRIAL TOOLS

Utility Knife

Classic 99®

- Patented interlocking nose to hold blade securely
- Three-position retractable blade
- Die-cast handle is durable and lightweight
- Blade storage in handle

Item #
ST10-099

STANLEY INDUSTRIAL TOOLS

Utility Knife

Classic 199®

- Positive fixed blade retention
- Heavy-duty die-cast aluminum handle
- Blade storage in handle

Item #
ST10-209

STANLEY INDUSTRIAL TOOLS

QUICK CHANGE™ Utility Knife

Retractable

- Three position retractable blade slide
- Swing-out blade storage magazine
- Integrated string cutter

Item #
ST10-499

STANLEY INDUSTRIAL TOOLS

Retractable Utility Knife

DynaGrip™

- Patented interlocking nose secures blade
- Slip resistant grip resists slipping -even on angled surfaces
- Hi-vis yellow handle

Item #
ST10-779

STANLEY INDUSTRIAL TOOLS

18 mm Snap Off Knife

FatMax®

- Stainless steel barrel is rust resistant for longer life
- Cartridge holds up to 6 blades

Item #
ST10-481

STANLEY INDUSTRIAL TOOLS

Retractable Utility Knife

FatMax®

- Blade clamp eliminates blade wobble, gives more control
- Pop-up blade dispenser for easier access and faster changeover
- Push button blade change

Item #
ST10-778

STANLEY INDUSTRIAL TOOLS

Fixed Blade Utility Knife

FatMax®

- Dual blade position in nose increases versatility
- Pop-up blade dispenser for easier access and faster changeover
- Cartridge holds up to 5 blades

Item #
ST10-780

STANLEY INDUSTRIAL TOOLS

Quick Slide Sport Utility Knife

- Great for multi purpose cutting
- 3” serrated sport blade
- Spine lock button for ease and security
- Easy blade change
- Interlocking nose prevents spreading

Item #
ST10-813M

STANLEY INDUSTRIAL TOOLS

Putty Knives

- Steel blade hardened, tempered and polished
- Full tang blade permanently fastened to shatter-resistant nylon handle
- Stiff blade

Item #	Blade Width (in.)
ST28-140	1¼
ST28-141	1½
ST28-142	2

STANLEY INDUSTRIAL TOOLS

Wall Scrapers

- High carbon steel—hardened, tempered and polished
- Full tang blade permanently fastened to shatter-resistant nylon handle
- Stiff 3” wide blade

Item #
ST28-139

STANLEY

STANLEY INDUSTRIAL TOOLS

Razor Blade Scraper

- Blade retracts for safety
- Uses single edge razor blade
- Comes with 5 blades

Item #
ST28-500

STANLEY INDUSTRIAL TOOLS

Mini-Razor Scraper

- Great for scraping in hard to reach places
- High-visibility yellow makes it easy to find
- Lightweight and economical plastic razor blade scraper
- Blade reverses for safe storage
- Uses standard, single-edge razor blade

Item #
ST28-100

STANLEY INDUSTRIAL TOOLS

Replacement Utility Knife Blades

FatMax®

Custom heat treatment makes blade strong and resistant to breakage

Item #	Pack (Qty.)
ST11-700	5
ST11-700L	50 w/ dispenser
ST11-700A	100 w/ dispenser

STANLEY INDUSTRIAL TOOLS

Razor Blades

- Single edge replacement blades for Stanley® 28-100 and 28-500 scrapers
- Packed 10 per box

Item #
ST28-510

STANLEY INDUSTRIAL TOOLS

18 mm Replacement Blades

Quick-Point™

- Replacement blade with 8 cutting points
- Fits most 18 mm snap-off blade knives
- 10 blades per dispenser

Item #
ST11-301T

STANLEY INDUSTRIAL TOOLS

Replacement Snap Off Blades

FatMax®

- Fits 18mm. snap blade knives
- Bendable/shatter resistant
- 10 blades per pack

Item #
ST11-718T

STANLEY INDUSTRIAL TOOLS

Replacement Roofing Utility Blades

- Edge is engineered to withstand the rigors of cutting heavier and thicker roofing materials
- Cuts roofing shingles, felt paper, Tyvek®, foam board, insulation, shingles and other building materials
- Designed for use in fixed blade knives only

Item #	Pack (Qty.)
ST11-939	3
ST11-939A	70

IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Utility Knife

Retractable Blade

- Smooth, three-position slide exposes variable blade lengths
- Screw permanently captured in casing to prevent loss
- Inside storage for 5 blades
- Includes 1 Irwin Blue Blade Bi-Metal utility blade

Item #
IR2082101

IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Utility Knife

Retractable Blade

ProTouch™

- Quick-change mechanism allows for easy blade removal without opening
- Easy tool-free entry with push button operation opens the knife and exposes replacement blades
- Inside storage for 5 blades
- Includes 3 Irwin Blue Blade™ Bi-Metal Utility Blades

Item #
IR2082200

IRWIN INDUSTRIAL TOOLS

Utility Knife Blades

Blue Blade™

- Features patented Bi-Metal technology
- Spring steel body delivers superior flexibility to prevent breaking
- High speed steel cutting edge stays sharp longer
- Fits most utility knives

Item #	Pkg. Qty.
IR2084100	5
IR2084300	50 w/ dispenser
IR2084400	100 w/ dispenser

PFERD

PFERD ABRASIVES

Flat Files

- Double cut on both sides and are single cut on both edges
- Used on ferrous and non-ferrous metals for rapid stock removal

Item #	Length (in.)	Cut
PF11009	8	Smooth
PF11012	10	Smooth
PF11013	12	Bastard
PF11015	12	Smooth
PF11016	14	Bastard

PFERD ABRASIVES

Half Round Files

- Used for filing out concave surfaces and crevices, and for rounding out holes
- Flat side is double-cut
- Half round side is spiral cut

Item #	Length (in.)	Cut
PF11026	10	Bastard
PF11028	10	Smooth
PF11029	12	Bastard
PF11032	14	Bastard

PFERD ABRASIVES

Knife Files

- Used on slots and keyways and for acute angle work in diemaking
- Sides are double cut and the thin edge is cut but the back is safe (uncut)

Item #	Length (in.)	Cut
PF11054	6	Smooth
PF11059	10	Second

PFERD ABRASIVES

Round Files

- Designed for enlarging circular holes or rounded grooves that are too small for a half round file
- It tapers toward the point making if adaptable for use on various size holes

Item #	Length (in.)	Cut
PF11073	12	Bastard
PF11076	14	Bastard

PFERD ABRASIVES

Machinist's Files

- Packaged
- Easy Grip Handle

Item #	Length (in.)	Desc.	Cut
PF11007P	8	Flat	Bastard
PF11010P	10	Flat	Bastard
PF11023P	8	Half Round	Bastard
PF11067P	8	Round	Bastard
PF11100P	8	Three Square	Bastard
PF11105	6	Flat	Second

PFERD ABRASIVES

Square Files

- Handy for use on slots, key-ways, rectangular or square holes and for surface work
- Has four equal sides (5/16")
- Double cut, it tapers toward the point

Item #	Length (in.)	Cut
PF11087	8	Bastard

PFERD ABRASIVES

Tapered Mill Files

- Suitable both as engineering and sharpening files
- Useful for filing where a smooth finish is important
- Good for polishing and deburring work in lathes
- Widely applicable for sharpening tools and implements
- Two square edges. Single cut on sides and edges

Item #	Length (in.)	Cross-section (in.)	Cut
PF19003	6	19/32 x 7/64	Smooth
PF19010	12	1 5/32 x 7/32	Bastard

PFERD ABRASIVES

Tapered Mill Files

- Easy grip handle
- Packaged

Item #	Length (in.)	Cut	UoM
PF19001P	6	Bastard (Cut 1)	Ea
PF19004P	8	Bastard (Cut 1)	Ea

PFERD ABRASIVES

Flat Plus Files

- Easy grip handle
- Packaged

Item #	Size (in.)	Length (in.)	Cut
PF11135P	31/32 x1/4	10	PLUS Cut

PFERD ABRASIVES

Three Square Files

- Double cut and have fairly sharp corners that are slightly set and cut
- For filing internal angles more acute than the right angle, for clearing out square corners and filing taps and cutters

Item #	Size (in.)	Cut
PF11104	10 x 3/4	Second

PFERD ABRASIVES

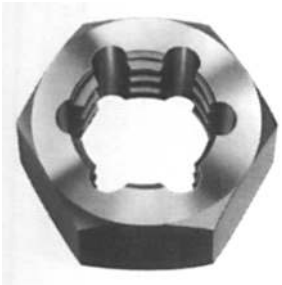
File Handles

- Plastic file handle
- Air gaps absorb hand moisture
- Long lasting, reusable

Item #	Suitable For	Compatible For File Length (in.)
PF11130	Very Narrow Tangs	4-6
PF11131	Regular Tangs	4-6
PF11132	All Tangs	8-10
PF11133	12-14 All Tangs	12-14

TRIUMPH TWIST DRILL CO.

Hex Rethreading Dies



Heavy-Duty

- W109HD Fractional
- Dies made the same size as matching nut, eliminating the need for more than one wrench
- Used to repair badly damaged or rusted threads
- Designed to chase damaged threads, nicks and burrs without undercutting good threads

Item #	Size-Pitch	Thread	Across Flats
TR69550	1/4-20	NC	19/32
TR69552	5/16-18	NC	11/16
TR69554	3/8-16	NC	25/32
TR69555	3/8-24	NF	25/32
TR69556	7/16-14	NC	7/8
TR69558	1/2-13	NC	1-1/16
TR69559	1/2-20	NF	1-1/16
TR69560	9/16-12	NC	1-1/16
TR69561	9/16-18	NF	1-1/16
TR69562	5/8-11	NC	1-1/4
TR69563	5/8-11	NF	1-1/4
TR69566	3/4-10	NC	1-7/16
TR69567	3/4-16	NF	1-7/16
TR69568	7/8-9	NC	1-5/8
TR69569	7/8-14	NF	1-5/8
TR69570	1-8	NC	1-13/16

TRIUMPH TWIST DRILL CO.

Taps

HSS Thundertap®

- Bronze oxide surface treatment for easier tapping, higher speeds and greater abrasion resistance
- Precision ground cutting surfaces for precise thread production

Item #	Size-Pitch	Thread	Thread Limit	Drill Size
T61HDT Taper (7-10 threads long)				
TR71000	¼-20	NC	H3	7
TR71001	¼-28	NF	H3	3
TR71002	5/16-18	NC	H3	F
TR71003	5/16-24	NF	H3	I
TR71004	3/8-16	NC	H3	5/16
TR71006	7/16-14	NC	H3	U
TR71007	7/16-20	NF	H3	25/64
TR71008	½-13	NC	H3	27/64
TR71009	½-20	NF	H3	29/64
TR71010	9/16-12	NC	H3	31/64
TR71011	9/16-18	NF	H3	33/64
TR71012	5/8-11	NC	H3	17/32
TR71013	5/8-18	NF	H3	37/64
TR71014	¾-10	NC	H3	21/32
TR71015	¾-16	NF	H3	11/16
TR71016	7/8-9	NC	H4	49/64
TR71017	7/8-14	NF	H4	13/16
TR71018	1-8	NC	H4	7/8
TR71019	1-12	NF	H4	59/64
TR71020	1⅛ -7	NC	H4	63/64
T62HDT Taper				
TR71041	6-32	NC	H3	36
TR71043	8-32	NC	H3	29
TR71045	10-24	NC	H3	25
TR71046	10-32	NF	H3	21
TR71047	12-24	NC	H3	16
T61HDP Plug (3-5 threads long)				
TR71068	½-13	NC	H3	27/64
T61HDB Bottoming (1-2 threads long)				
TR71100	¼-20	NC	H3	7
TR71101	¼-28	NF	H3	3
TR71102	5/16-18	NC	H3	F
TR71103	5/16-24	NF	H3	I
TR71104	3/8-16	NC	H3	5/16
TR71105	3/8-24	NF	H3	Q
TR71107	7/16-20	NF	H3	25/64
TR71108	½-13	NC	H3	27/64
TR71109	½-20	NF	H3	29/64
TR71110	9/16-12	NC	H3	31/64
TR71111	9/16-18	NF	H3	33/64
TR71112	5/8-11	NC	H3	17/32
TR71113	5/8-18	NF	H3	37/64
TR71114	¾-10	NC	H3	21/32
TR71115	¾-16	NF	H3	11/16
TR71116	7/8-9	NC	H4	49/64
TR71118	1-8	NC	H4	7/8
TR71119	1-12	NF	H4	59/64
T62HDB Bottoming (1-2 threads long)				
TR71141	6-32	NC	H3	36
TR71143	8-32	NC	H3	29
TR71145	10-24	NC	H3	25
TR71146	10-32	NF	H3	21
TR71147	12-24	NC	H3	16

TRIUMPH TWIST DRILL CO.

Tap & Die Set

38-Piece

- Molded Case with 17 Plug Taps, 16 Round Dies (1" O.D.)
- 1/4–20 NC, 5/16–18 NC, 3/8–16 NC, 7/16–14 NC, 1/2–13 NC, 4–40 NC, 6–32 NC, 8–32 NC, 10–24 NC, 12–24 NC, 1/4–28 NF, 5/16–24 NF, 3/8–24 NF, 7/16–20 NF, 1/2–20 NF,10–32 NF, 4–36 NS
- Accessories Include: 1/8–27 NPT Round Dies, 1/8–27 NPT Pipe Tap, TRD47 Round Die Stock, JT20 Tap Wrench, JT40 Tap Wrench

Item #
TR69961

TRIUMPH TWIST DRILL CO.

Tap & Die Set

HSS

- T513 - Molded Case
- 1/4–20 NC, 5/16–18 NC, 3/8–16 NC, 7/16–14 NC, 1/2–13 NC, 4–40 NC, 6–32 NC, 8–32 NC, 10–24 NC, 12–24 NC, 1/4–28 NF, 5/16–24 NF, 3/8–24 NF, 7/16–20 NF,1/2–20 NF, 10–32 NF, 4–36 NS
- Accessories Include: 1/8–27 NPT Hex Die, TRD50 Hex Die Stock, 1/8–27 NPT Pipe Tap, JT40 Tap Wrench, JT20 Tap Wrench

Item #
TR69963

TRIUMPH TWIST DRILL CO.

Combination Tap and Drill Set

18-Piece

Thunderbit®/Thundertap®

- TD18HDNC - Metal Index
- ThunderBit®: 7, F, 5/16, U, 27/64, 36, 29, 25, 16
- ThunderTap®: 1/4-20 NC, 5/16-18 NC, 3/8-16 NC, 7/16-14 NC, 1/2-13 NC, 6-32 NC, 8-32 NC, 10-24 NC, 12-24 NC

Item #
TR71497

TRIUMPH TWIST DRILL CO.

Tap Set

HSS

- WC39 - Vinyl Pouch
- 10 Piece Pitch Range - 6–32 NC, 8-32 NC, 10-24 NC, 10–32 NF, 1/4–20 NC
- Jobber Drill Size Range (Wire) - 36, 29, 25, 21, 7

Item #
TR69939

TRIUMPH TWIST DRILL CO.

Tap Wrenches

T-Handle

- Sliding T-handle is ideal for turning in confined areas
- Strong and rugged for easy handling and accurate tapping

Item #	Capacity
TR69902	0 to ¼
TR69903	12 to 5⁄16
TR69904	¼ to ½

TRIUMPH TWIST DRILL CO.

Tap Wrenches

Straight Handle

- Strong and rugged for easy handling and accurate tapping

Item #	Style	Capacity
TR69905	JTW5	10 to ½
TR69907	JTW7	⅜ to 1

TRIUMPH TWIST DRILL CO.

Screw Extractors

- Carbon Steel/Gray
- Remove broken screws, bolts and studs quickly and easily
- Heat-treated finish to resist rust
- Also for turning threaded pipe sections

Item #	Screw Ext. #	For Removing Screw Size:	Use Drill Size:
T13CX			
TR98136	6	⅝ to ⅞, ⅜ Pipe	25⁄64 to 27⁄64
TR98137	7	⅞ to 1⅛, ½ Pipe	33⁄64 to 35⁄64
TR98138	8	1⅛ to 1⅜, ¾ Pipe	25⁄32 to 27⁄32
TR98139	9	1⅜ and Up, 1 Inch Pipe	1 1⁄16 to 1⅛
BP13CX			
TR98231	1	3⁄32 to 5⁄32	1⁄16 to 5⁄64
TR98232	2	5⁄32 to 7⁄32	3⁄32 to 7⁄64
TR98233	3	7⁄32 to 9⁄32	9⁄64 to 5⁄32
TR98234	4	9⁄32 to ⅜	7⁄32 to ¼
TR98235	5	⅜ to ⅝, ⅛ & ¼ Pipe	17⁄64 to 19⁄64

TRIUMPH TWIST DRILL CO.

Alignment Reamers

- 1/2" Shank, (77280 has 3/8 shank)
- High Speed Steel
- Black and Bronze Oxide
- 3 flats on shank prevents slippage in 3-jaw chuck
- Collar stop to prevent damage to drill chuck
- Made In USA

Item #	Size	Decimal Equivalent	Flute Length	Overall Length
TR72280	⅜	.3750	3	5
TR72281	½	.5000	3 15⁄16	5 15⁄16
TR72282	9⁄16	.5625	3 15⁄16	5 15⁄16
TR72283	⅝	.6250	4½	6 9⁄16
TR72284	11⁄16	.6875	4½	6 9⁄16
TR72285	¾	.7500	4 15⁄16	7
TR72286	13⁄16	.8125	4 15⁄16	7
TR72287	⅞	.8750	5 3⁄16	7¼
TR72289	1"	1.000	5 3⁄16	7¼

KLEIN TOOLS

Folding Hex Key Sets

5-Piece Inch

- Tough, heat-treated chrome-nickel alloy steel
- Hex-key ends are square-cut for a secure full-depth fit
- Helps prevent slippage and stripping of the socket
- Sizes: 3/16", 7/32", 1/4", 5/16" and 3/8"
- Handle Length: 5-1/4", Key Lengths: 3" to 4-5/8"

Item #
KL70579

KLEIN TOOLS

Folding Hex Key Sets

8-Piece Inch

- Tough, heat-treated chrome-nickel alloy steel
- Hex-key ends are square-cut for a secure full-depth fit
- Helps prevent slippage and stripping of the socket
- Sizes: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64" and 5/32"
- Handle Length: 3-1/16", Key Lengths: 1-1/2" to 2-3/8"

Item #
KL70581

KLEIN TOOLS

Folding Hex Key Sets

9-Piece Inch

- Tough, heat-treated chrome-nickel alloy steel
- Hex-key ends are square-cut for a secure full-depth fit
- Helps prevent slippage and stripping of the socket
- Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" and 1/4"
- Handle Length: 4-1/4", Key Lengths: 1-3/4" to 3-1/2"

Item #
KL70591

KLEIN TOOLS

Folding Hex Key Sets

8-Piece Inch

- Tough, heat-treated chrome-nickel alloy steel
- Hex-key ends are square-cut for a secure full-depth fit
- Helps prevent slippage and stripping of the socket
- Sizes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" and 1/4"
- Handle Length: 5-1/4", Key Lengths: 3-3/8" to 4-5/8"

Item #
KL70583

KLEIN TOOLS

Folding Hex Key Sets

7-Piece Metric

- Tough, heat-treated chrome-nickel alloy steel
- Hex-key ends are square-cut for a secure full-depth fit
- Helps prevent slippage and stripping of the socket
- Sizes: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm and 6 mm
- Handle Length: 3-5/8" (92 mm), Key Lengths: 1-5/8" to 3" (41 to 76 mm)

Item #
KL70582

KLEIN TOOLS

Folding Hex Key Sets

5-Piece Metric

- Two key positions (straight-out or right angle) for extra leverage
- Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket
- Sizes: 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
- Handle Length: 133 mm
- Key Lengths: 82 mm-117 mm

Item #
KL70580

Looking for other Klein products such as tools & bags?

Look in the "Mechanical & Electrical Work Equipment" chapter.

KLEIN TOOLS

Folding Screwdriver Sets

7 Pc. Torx®

- Set containing seven popular sizes; T10, T15, T20, T25, T27, T30 and T40
- Torx "star" drive cuts slippage, saves fasteners, efficiently transmits more torque to the work
- Keys are tough, heat-treated chrome-nickel alloy steel for strength and durability
- Keys fold flat into handle

Handle length: 4-1/4", blade length: 2-1/8" to 3"

Item #
KL70586

APEX

Fold-Up Hex Key Sets

Allen®

- Nickel-Chrome-Moly alloy steel provides outstanding torque strength
- All hex keys are precision formed to exact dimensional tolerances for precise fit

Item #	Type	No. of Keys	Key Sizes (in.)	Color
AN56074	Standard	9	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4	Hi-Vis Orange
AN56076	Metric	7	1.5, 2, 2.5, 3, 4, 5, 6	Hi-Vis Blue
AN56897	Torx	7	T10, T15, T20, T25, T27, T30, T40	Hi-Vis Green

APEX

Fold-Up Hex Keys

Allen®

- Heat treated, tempered alloy steel provides high strength and resistance to rotational distortion
- Rotates to 270 degrees to a firm top for better torqing and access
- Specially contoured handle for better feel and control
- Rugged Duracast® case provides unmatched durability

Item #	Key Sizes (in.)	Handle Length (in.)
AN56346	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16	3½

APEX

Short Arm Hex Key Set

In Vinyl Pouch

Allen®

- All hex keys are precision formed to exact dimensional tolerances for precise fit
- Heat-treated, tempered alloy steel provides high strength and resistance to rotational distortion
- Pouch

Item #	No. of Keys	Key Sizes (in.)
AN56 122	9	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4
AN56 030	11	.050, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

APEX

Hex Key Set

15-Piece Long Arm

Allen

Contains keys in the following sizes:

- 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 1/2", 9/16", 5/8", 3/4"
- Pouch

Item #
AN56014

APEX

Hex Key Set

9-Piece Metric Short Arm

Allen

Contains keys in the following sizes:

- 1-1/2 mm, 2 mm, 2-1/2 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm
- Pouch

Item #
AN56015

APEX

Hex Key Set

6-Piece Torx Long Arm

Allen

Contains:

- T-10, T-15, T-20, T-25, T-27, T-30

Item #
AN56900

APEX

Hex Key Set

18-Piece Metric Short Arm

Allen®

- Contains Following Sizes: .028, .035, .050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 1/2, 9/16 and 5/8
- Metal box

Item #
AN56026

APEX

Short Arm Hex Keys

Allen®

- Manufactured with heat-treated alloy steel, black finish to precision tolerances

Item #	Key Sizes (in.)
AN57020	5/32
AN57022	3/16
AN57026	1/4

APEX

T Handle Hex Key Set

Allen®

- Contains 10 keys in following sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8
- 9" long
- Cushion grips
- Metal stand

Item #
AN56064

VAUGHAN & BUSHNELL MFG.

Professional Rip Hammer

- Superb balance and comfortable grip
- White hickory handle is triple wedged

Item #	Desc.	Head (oz.)	Length (in.)
VB999	"999" Framing, Smooth Face	20	14
VB707M	707M Super Framing, Milled Face	32	18

VAUGHAN & BUSHNELL MFG.

California Framer® Hammer

- Head is forged of high carbon steel, triple zone heat treated, precision machined and polished
- Milled face grips nail heads to minimize slipping and flying nails
- Handle is triple-wedged into eye with wood and steel wedges
- Extra-long hickory handle, shaped for strength and comfort

Item #	Desc.	Head (oz.)	Length (in.)
VBCF1	Milled Face - Straight Handle	23	17
VBCF1HC	Milled Face - Curved Handle	23	18
VBCF1P	Smooth Face - Straight Handle	23	17
VBCF3	Milled Face - Straight Handle	27	18

AUGHAN & BUSHNELL MFG.

Bluemax® High Performance Framing Hammer

- Features the innovative magnetic nail holding slot, capable of holding both 16D and 20D nails
- Forged from high carbon steel and triple zone heat treated with an extra long, blue stained American hickory handle
- Exclusive triple wedge design locks head to handle for maximum strength

Item #	Desc.	Head (oz.)	Length (in.)
VBCFB2HCM	Milled Face - Curved Handle	19	17
VBCFB21FG	Fiberglass, Milled Face - Straight Handle	21	16
VBCFB21HC	Fiberglass, Milled Face - Curved Handle	21	17
VBCFB1HCM	Milled Face - Curved Handle	23	18
VBCFB1LM	Milled Face - Straight Handle	23	17

VAUGHAN & BUSHNELL MFG.

Steel Eagle® Professional Hammer

- Forged entirely of high carbon steel
- Shock-Blok® plug in head absorbs most of the shock
- Air cushioned, slip resistant grip

Item #	Desc.	Head (oz.)	Length (in.)
VBR999ML	"999" Straight Claw, Milled face	20	16
VBRCF2	California Framer, Milled face	19	16

VAUGHAN

VAUGHAN & BUSHNELL MFG.

Professional Fiberglass Hammer

- Hollow-core fiberglass handle provides better balance and more effective shock absorption
- Head wedged and epoxy sealed
- Slip-resistant grip

Item #	Desc.	Head (oz.)	Length (in.)
VBFS99	"999" Straight Claw, Smooth face	16	13
VBFS999	"999" Straight Claw, Smooth face	20	14
VBFS999ML	"999" Straight Claw, Milled face	20	16
VBFS505	"999" Straight Claw, Smooth face	24	17
VBFS505M	"999" Straight Claw, Milled face	24	17
VBCF21FG	California Framer, Milled Face	21	16

VAUGHAN & BUSHNELL MFG.

Professional Steel Hammer

- Polished and chromed plated tubular steel handle
- Steel wedged, epoxy-sealed eye
- Slip-resistant grip, contoured for comfort

Item #	Desc.	Head (oz.)	Length (in.)
VB999TML	"999" Straight Claw, Milled face	20	16

VAUGHAN & BUSHNELL MFG.

Professional Titanium Hammer

Ti-Tech®

- TiTech® combines the high speed driving power of Titanium with the versatility of interchangeable steel caps
- Steel caps can be changed from milled face for rough framing to smooth face for finish work
- Exclusive vibration absorbing hollow core design
- High impact overstrike guard
- Slip resistant grip

Item #	Desc.	Head (oz.)	Length (in.)
VBTTC1FG	Milled Face, Fiberglass Handle	16	

Replacement Caps

VBRCM-2	Milled Face	-

VAUGHAN & BUSHNELL MFG.

Electrician's Hammer

- Polished striking head, sides and claw
- Extra long poll for striking inside electrical junction boxes
- Hollow core fiberglass handle
- Steel wedged, epoxy-sealed eye
- Slip-resistant grip, contoured for comfort

Item #	Desc.	Head (oz.)	Length (in.)
VBE18F	Straight Claw	18	14

VAUGHAN & BUSHNELL MFG.

Double Face/ Engineer's Hammer

- Fitted with high-impact rubber over strike shields in critical neck area
- Hollow core and slip-resistant, cushioned PVC grip

Item #	Desc.	Head (lbs.)	Length (in.)
VBSDF48F	Fiberglass Handle	3	15½

VAUGHAN & BUSHNELL MFG.

Commercial Ball Pein Hammer

- Hardened and tempered to precise standards
- Polished face, bevel & pein
- Other surfaces finished in rust resistant paint
- Compression wedged hickory handle

Item #	Head (oz.)	Length (in.)
VBTC224	24	15¼

VAUGHAN & BUSHNELL MFG.

Commercial Hammer

- Polished striking head, sides and claw
- Good grade hickory handle, triple wedged in tapered eye

Item #	Desc.	Head (oz.)	Length (in.)
VBTC16	Curved Claw	16	13"

VAUGHAN & BUSHNELL MFG.

Solid Rubber Mallet

- Made with specially compounded, quality rubber for high impact strength and long life
- Black head is securely mounted on hickory handle

Item #	Face Dia. (in.)	Length (in.)	Weight (lbs.)	Color
VBRM2B	2¼	10⅝	1¼	Black
VBRM2W	2¼	10⅝	1¼	White

VAUGHAN

VAUGHAN & BUSHNELL MFG.

V5 Construction Hammer

- Wood framing to concrete forms
- Set up or tear down fast and easy
- Double “D” nail holder for one-handed nail starting
- Rip out nails without ripping out forms
- High strength I-beam handle design
- ”V” head design reduces shock and vibration

Item #	Desc.	Head (oz.)	Length (in.)
VBV5	Milled Face, Steel Handle	19	17

VAUGHAN & BUSHNELL MFG.

Split-Head Hammer

Titanium

- Anti-vibration pads isolate striking face and claws from handle
- Longneck overstrike plate protects the top grade, American hickory handle
- Exclusive Double D magnetic nail starter is capable of holding either standard or duplex nails
- Face and claws are precision balanced for superior weight distribution
- Patented head design with independent face, claws and handle allows for easy replacement

Item #	Head (oz.)	Length (in.)
VBS2	18	

VAUGHAN & BUSHNELL MFG.

Prospecting Pick

- Forged steel head and I-beam handle, fully polished
- Flat striking face and pointed pick
- Patented, air-cushion grip

Item #	Head (oz.)	Length (in.)
VBAP22	22	13

VAUGHAN & BUSHNELL MFG.

Bear Claw® Scraper Bar

- Wide, thin, sharp blades for scraping and cutting
- Pulling end has rocker head for maximum leverage

Item #	Weight (oz.)	Length (in.)
VBBCSB	11	9¾

VAUGHAN & BUSHNELL MFG.

Bear Claw® Nail Pullers

- Forged, tempered steel with flat claw for easy wedging and minimal wood damage
- Rocker head provides excellent leverage
- Black, rust-resistant finish

Item #	Weight (oz.)	Length (in.)
VBBC8	11	7¾
VBBC9	12½	9½
VBBC10	13½	10½
VBBC12	18½	11¾
VBBC14	12¾	14¼

VAUGHAN & BUSHNELL MFG.

Superbar® Prybar

- “Shepherds Crook” rocker head design for maximum prying power
- Forged, spring tempered steel
- Three beveled nail slots
- Polished sharp blades for easy insertion

Item #	Weight (oz.)	Length (in.)
VBB215	24	15
VBB215L	32	21

VAUGHAN & BUSHNELL MFG.

Mini-Bar® Pry Bar

- Versatile little tool will open paint cans and pull small nails and staples
- High quality steel, chrome plated

Item #	Weight (oz.)	Length (in.)
VB222	1	5½

VAUGHAN & BUSHNELL MFG.

Ripping Bar

- Forged of tough, 3/4” hex, high carbon steel
- Three beveled nail slots
- Hardened and tempered claws
- Blue, rust-resistant finish, polished ends

Item #	Weight (oz.)	Length (in.)
VBRB18	40	18

VAUGHAN

VAUGHAN & BUSHNELL MFG.

Wrecking Bar

- Drop forged, heat treated hex steel stock
- Rocker head design for increased leverage
- Two angles for varying torque
- Blue rust-resistant finish

Item #	Length (in.)
VB57736	36
VB57748	48

VAUGHAN & BUSHNELL MFG.

Nail Pullers

- Designed for extra1cting deeply imbedded nails, these pullers are forged of 5/8" hex, high carbon steel
- Polished claws hardened and tempered for strength
- Blue, rust-resistant finish

Item #	Style	Weight (oz.)	Length (in.)
VBNP12DE	Double end	16	11
VBNP12G	Single end, Cushion grip	20	11½
VBNP15CE	Chisel end	22	15

VAUGHAN & BUSHNELL MFG.

Bricklayer's Sets

NO IMAGE AVAILABLE

- Drop forged of high carbon steel, then hardened and tempered
- Beveled striking face minimizes mushrooming and chipping
- Ground smooth, with rust-resistant black finish

Item #	Blade Width (in.)	Length (in.)
VB4	4	7

STANLEY

STANLEY INDUSTRIAL TOOLS

Pry Bar

"Wonder Bar"

- Heat treated for extra toughness with polished and beveled cutting edges
- Contoured carbon steel bar is ideal for pulling nails, prying, lifting, scraping
- Beveled nail slot both ends
- 1-3/4" wide x 12-3/8" long

Ite3m #
ST55-515

STANLEY INDUSTRIAL TOOLS

Utility Bar

FuBar™

- The ultimate multi-purpose demolition tool
- Excellent for prying, splitting, board bending & heavy striking jobs
- Sledge hammer face
- Ripping hook
- Textured grip for excellent control and comfort
- Nail puller & pry bar

Item #	Length (in.)
ST55-099	18
ST55-120	30

APEX

APEX

Indexing Pry Bar

GEARWRENCH®

Item #	Length (in.)
GW82210	10
GW82216	16

APEX

Extendable Pry Bar

GEARWRENCH®

Item #	Length (in.)
GW82220	18-29
GW82248	29-48

STANLEY

STANLEY INDUSTRIAL TOOLS

Hammer Tacker

Heavy-Duty

- Contractor quality design, heavy-duty steel construction
- Full rubber grip to absorb shock and protect user's hands

Item #
STPHT250C

ARROW FASTENER COMPANY, INC.

Heavy-Duty Hammer Tacker

- All steel construction
- High carbon hardened steel working parts
- Jam resistant mechanisms
- Precision locked rear loading
- Retractable striking edge
- Specially designed power grip handles
- Durable chrome finish
- Works with T50™ staples

Item #
AWHT50A

ARROW FASTENER COMPANY, INC.

Multipurpose Wire Tacker

- All steel construction
- Grooved driving blade
- Jam resistant mechanism
- Short span easy compression handle
- Chrome finish resists wear and tear
- Grooved guide ensures consistent stapling
- For low voltage wire up to 1/4” diameter
- Works with T25™ staples

Item #
AWT25M

ARROW FASTENER COMPANY, INC.

Heavy-Duty Tacker Gun

- All steel construction
- Jam resistant mechanism
- Hardened steel working parts
- Easy squeeze double leverage operation
- Visual staple refill window
- Works with T50® staples

Item #
AWT50M

ARROW FASTENER COMPANY, INC.

8000 PowerShot Pro Staple & Nail Gun

- Forward action design eliminates stapler "kickback"
- Capable of rapid fire
- One hand operation
- Anti-slip comfort grip
- Staples/nails remaining window
- Fires 1/4” thru 9/16” heavy-duty PowerShot and Arrow T50 staples and 9/16” PowerShot brad nails, drives staples flush and includes wire guide attachment

Item #
AW8000

STANLEY INDUSTRIAL TOOLS

Brad/Nail Staple Gun

Heavy-Duty

- Easy-squeeze product works overtime as a staple gun, brad nailer, cable tacker and wire tacker
- Uses Stanley® SharpShooter® TRA700 series or Arrow® T-50® heavy-duty narrow crown staples and 1/2", 9/16" and 5/8" Brads

Item #
STTR250

STANLEY INDUSTRIAL TOOLS

Heavy-Duty Crown Staples

- Heavy-duty - narrow crown - fits TR100, TR200, TRE500 series, PHT150, PHT250 and Arrow® T-50
- Box of 1,000

Item #	Size (in.)
STTRA704T	¼
STTRA705T	5⁄16
STTRA706T	3⁄8
STTRA708T	½
STTRA709T	9⁄16

STANLEY

STANLEY INDUSTRIAL TOOLS

Cable Staples

- For low voltage wires
- Galvanized to reduce corrosion
- Fits Arrow® T-25 and Stanley® CT10C series
- 1,000 Units

Item #	Size (in.)
STCT109T	9/16

APEX

APEX

Soldering Gun Kit

Weller®

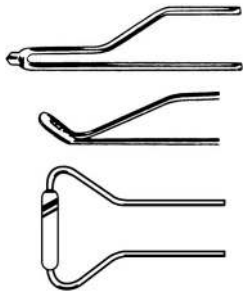
- Professional heavy-duty gun
- Dual-heat gun produces 260 or 200 watts
- Pistol grip design, ready to use in 6 seconds
- Fingertip trigger selects high (1st trigger position), or low output (2nd trigger position)
- Heavy gauge, high efficiency, tin-plated copper tip
- Twin lights illuminate work
- Contents: D550 soldering gun, 1 each soldering, smoothing, cutting tips, coil of lead free solder and instruction book
- 2-wire cord, UL and cUL listed

Item #
CGD550PK

APEX

Replacement Tips for Soldering Gun

Weller®



- Tips are compatible with Weller® soldering guns
- All tips are made of copper

Item #	Desc.	Type
CG6130	Tip With Hex Nut	Cutting
CG6150	Tip Only	Cutting
CG6140	Tip With Hex Nut	Smoothing
CG6160	Tip Only	Smoothing
CG7250W	Tip Only- Per Bag	Standard
CG7250N	Tip With Hex Nut	Standard
CGRCT	Tip Only	Rope Cutting

marson

MARSON

HP-2 Hand Riveter

- Precision die cast, high strength aluminum alloy body; drop forged carbon steel upper handle; and thick cushion-molded vinyl grips for comfort
- Sets up to 3/16" steel rivets and comes with four mounted nose-pieces (3/32", 1/8", 5/32", and 3/16") and a service wrench
- MV39001 Kit includes: 200 assorted Klik-Fast rivets in popular sizes plastic case houses and protects the tool, rivets and optional countersink double ended drill bit

Item #	Desc.	Rivet Dia. Cap.	# of Nose-pieces	Range
MV39000	Tool Only	3/16	4	3/8, 1/8, 5/8, 5/32, 3/16
MV39001	Kit	3/16	4	3/8, 1/8, 5/8,5/32, 3/16

APEX

APEX

Rebar Cutter/Bender

H.K. Porter®

- Mounts easily on most flat surfaces to enhance leverage and increase safety
- Cuts and bends to 90° or 180°
- Length: 52”
- Handle Material: Tubular Steel
- Max. Capacity: 5/8”
- Shear-cut blades

Item #
CG0590RBJ

APEX

Cable Cutter

H.K. Porter®

- For wire rope to 3/4"
- Notched, shear-cut blades hold and lock cable in cutting position
- Cuts steel cable, coarse- or fine-stranded cable, or wire rope with minimal distortion

Item #
CG0190MTN

APEX

Bolt Cutter

H.K. Porter®

- General plant maintenance tool
- Drop-forged, precision ground, alloy tool steel jaws with center-cut blades
- Cuts soft, medium, or hard materials
- Maximum hardness of material to be cut: Brinell 455/Rockwell C48

Item #	Length (in.)	Soft Metal Cut Dia. (in.)	Hard Metal Cut Dia. (in.)
CG1490MC	14	5/16	3/16
CG0090MC	18	3/8	1/4
Cutterhead Replacement For:			
CG0190MC	24	7/16	5/16
CG0290MC	30	1/2	3/8
CG0390MC	36	9/16	7/16
CG0590MC	42	11/16	1/2

APEX

Wire Rope & Cable Cutter

H.K. Porter®

- Excellent cutter for 3/16" hard - 1/4" soft wire rope or cable, piano wire or aircraft cable
- Length: 7-1/2”
- Cable Capacity: 3/16”
- Rod Capacity: 3/32”

Item #
CG0690TN

APEX

Replacement Jaws For Bolt Cutter

H.K. Porter®

- Replacement jaw
- One pair

Item #	Parts For
Center Cut	
CG1412C	1490MC
CG0012C	0090MC
Clipper Cut	
CG0112C	0190MC

WMH TOOL GROUP

Utility Vise

Wilton

- 180° swivel base with lockdown allows for quick and easy positioning
- Powder coat paint resists scratches and provides a tough durable surface
- Built-in pipe jaws handle various pipe sizes
- Large anvil work surface
- Perfect for general clamping applications

Item #	Model	Jaw Width (in.)	Jaw Opening (in.)	Throat Depth (in.)
JE11127	675	5½	5	3¼
JE11128	676	6½	5½	3 13/16

WMH TOOL GROUP

Mechanics Vise

Wilton

- Swivel base rotates 360° and has double lockdowns ensuring maximum stability
- Powder coat paint resists scratches and provides a tough durable finish
- Replaceable hardened steel top and pipe jaws
- Large anvil work surface

Item #	Model	Jaw Width (in.)	Jaw Opening (in.)	Throat Depth (in.)
JE21400	745	5	5¼	3¾
JE21500	746	6	5¾	4⅛

WMH TOOL GROUP

Tradesman Vise

Wilton

- 360° swivel base with double lockdowns
- Wider jaws provide greater clamping surface
- Fully enclosed spindle and nut increases the life of the vise
- Large anvil work surface
- Precision turned sidebar

Item #	Model	Jaw Width (in.)	Jaw Opening (in.)	Throat Depth (in.)
JE63200	1755	5½	5	3¾
JE63201	1765	6½	4	

WILTON

WMH TOOL GROUP

Carriage C-Clamps

Wilton

- Frames made from high strength ductile iron castings
- Sliding pin (vise type) handle, single acme thread rolled spindle and oscillating ball and socket tip

Item #	Model No.	Capacity (in.)	Throat Depth (in.)	Spindle Dia.(in.)	Clamp Pressure (lbs.)
JE22005	540A-6	0-6	2¾	⅝	2450
JE22006	540a-8	0-8	3¾	¾	2750

UnionTools

UNION TOOLS

Wedge Point Bar

Straight Pattern

- Best for levering and demolition jobs
- Forged carbon steel
- 2-1/4" x 1-1/4" blade
- 60" overall length
- Wt: 18 lbs.

Item #
UF30-658

UNION TOOLS

Pinch Point Bars

Straight Pattern

- Best for levering and demolition jobs
- Forged carbon steel

Item #	Blade Sz. (in.)	OA Length (in.)	Weight (lbs.)
UF30-646	2¼ x 1	48	10
UF30-648	2¼ x 1	51	12
UF30-650	2¼ x 1¼	60	18

UNION TOOLS

San Angelo Bars

- Best for clearing rocks and roots from postholes and ditches
- Forged carbon steel
- Straight pattern 2-1/2" x 2" blade

Item #	OA Length (in.)	Weight (lbs.)
UF30-664	60	14
UF30-666	72	17

UNION TOOLS

Tamping Bar

- Best for clearing rocks and roots from postholes and ditches
- Forged carbon steel

Item #	Blade Size (in.)	O/A Length (in.)	Weight (lbs.)
UF30-670	9½ x 2	72	17

UNION TOOLS

Wrecking Bars

- Best for demolition jobs and pulling nails and spikes
- Doubles as crowbar or wedge
- Gooseneck pattern

Item #	Bar Size (in.)	Weight (lbs.)
UF30-636	30 x ¾	4¼
UF30-640	48 x 1	12

UNION TOOLS

Post Hole Digger

- For digging post holes and footings in all soil types
- Hercules pattern, two piece, riveted, high carbon steel blades with 6" point spread and beveled digging edge
- 48" Hardwood handles

Item #
UF78-005

UNION

Concrete Rake

With Rebar Hook

Razorback®

- Best for spreading and leveling concrete
- Industrial grade tempered steel blade
- 60" premium Northern White Ash handle
- 20" x 4" blade, steel socket nailed to 60" handle

Item #
UF83-154

Hand Tools

UNION TOOLS

Mortar Mixer Hoe

Razorback®

- Best for mixing mortar, concrete, plaster and spackling
- 9" x 6" perforated, forged blade for better mixing
- 66" premium Northern White Ash handle
- 5/8” gooseneck shank for added strength
- 8” tube with cap prevents debris build up

Item #
UF66-158

UnionTools

UNION TOOLS

Pulaski Axe

- For chopping and splitting wood
- Drop-forged, tempered carbon steel head
- 36" lacquered Hickory handle for strength
- Wt: 3-1/2 lbs.

Item #
UF30-362

UNION TOOLS

Railroad Pick

- For breaking up hard, rocky soil
- 5 lb. forged steel head, 21” length, 1-7/16” width
- 36” hardwood handle with overstrike protection

Item #	Desc.
UF30-127	Head and Handle
UF30-138	Head Only
UF20-164	Handle Only

UNION TOOLS

Pick Mattock

Razorback®

- Best for cutting roots and breaking up soil
- 5 lb. forged head, 19-1/4" length, 3-1/2” width
- 36” hardwood handle with overstrike protection

Item #	Desc.
UF30-125	Head and Handle
UF30-134	Head Only
UF20-164	Handle Only

UNION TOOLS

Bow Rake

- Good for preparing garden soil
- Welded head with 14 teeth
- 54" White Ash handle w/steel ferrule for strength
- 13-3/4" x 2-3/4" head, 3/16" thick

Item #
UF63-107

UNION TOOLS

Bow Rake

Razorback®

- For loosening and leveling mulch, peat moss and loose or heavy soils
- 15-tine, 16” x 3-1/4” one piece forged steel head
- 60” ash wood handle

Item #
UF63-141

UNION TOOLS

Aluminum Land-scape Rake

Razorback®

- For spreading dirt, gravel and sand
- 36" Heavy-duty aluminum head with bolted braces
- 66" Powder-coated Aluminum handle with 5-1/2" end grip

Item #
UF63-000

UNION TOOLSLAWN & LEAF RAKES

- Good for removing matted thatch, wet grass, debris
- Steel tines for thatching
- Wood handle
- Heavy coil steel spring brace

Item #	Tines	Length (in.)	Handle
UF64-430	22	48	Tap-in
UF64-582	24	54	Bolt thru

UNION TOOLS

Asphalt Lute Rake

- For spreading and leveling asphalt and tar
- 36” heavy-duty aluminum head with wrap-around bolted braces
- 82” powdered-coated aluminum handle with 5-1/2” end grip

Item #
UF63-133

UNION TOOLS

Road/Stone Rake

Razorback®

- For spreading and leveling gravel
- 16-tine 17-3/4” x 4” one piece forged head
- 66” Ash wood handle

Item #
UF63-122

UNION TOOLS

Floor Scraper

Razorback®

- For scraping hard surfaces, form cleaning, tile removal and general construction
- 14" x 6" flexible welded spring steel blade
- 60" wood handle

Item #
UF24-516

UNION TOOLS

Sidewalk/Ice Scraper

Razorback®

- Professional grade forged construction for heavy-duty use
- Socket pattern
- 7” x 6” industrial gauge, forged blade
- 54” Ash wood handle

Item #
UF78-202

UNION TOOLS

Irrigation Shovel

- Ideal for clearing irrigation ditches
- Rolled step prevents material build-up
- #2 blade size
- 9-1/4" x 11-1/2" open-back blade
- 24" handle lift
- 9" socket
- 48" Ash wood handle

Item #
UF40-107

UNION TOOLS

Roof Ripper

Razorback®

- Notched edge shovel for removing shingles
- Turned step, 9” socket
- 7-3/8” x 12” blade
- Welded fulcrum for leverage
- 48” ash wood handle

Item #
UF46-141

UNION TOOLS

Round Point Shovel

Razorback®

- For digging and excavation in hard, rocky soil
- Forward turned step
- #2, 9-1/2” x 12” blade
- Dual rivet, extended tab socket
- 48” Ash wood handle

Item #	Desc.
UF45-520	Open Back
UF45-657	Closed Back

UNION TOOLS

Round Point Shovel

- Forward turned step
- 16 gauge, #2 open back blade with Dura-Torque crimp collar
- 9” x 11-1/2”, 9” socket
- 48” Fiberglass handle

Item #
UF45-160

UNION TOOLS

Round Point Shovel

- Good for digging in sandy, light soils
- Forward turned step
- 16 gauge, open back blade
- 9-1/4” x 11-1/2”, 9” socket
- 48” Ash wood handle

Item #
UF40-191

UNION TOOLS

Round Point Shovel

- For digging and excavation in most soil types
- Forward turned step
- 16 gauge, #2 open back blade with Dura-Torque crimp collar
- 9” x 11-1/2”, 9” socket
- 48" Ash wood handle

Item #
UF45-106

UnionTools

UNION TOOLS

Round Point Shovel

- For digging in tight spaces and transplanting
- Forward turned step
- #0 8-1/4” x 6” open back blade, 7” socket
- 43” Ash wood handle

Item #
UF41-126

UNION TOOLS

Round Point Shovel

Razorback®

- For digging and excavation in hard, rocky soils
- Forward turned step
- 14 gauge, #2, 9-1/2”x12” open back blade w/ reinforced steel backbone
- 48” Fiberglass handle

Item #
UF45-000

UNION TOOLS

Square Point Shovel

Razor-Back ®

- For transferring heavy, loose soil
- Forward turned step
- 14 gauge, #2 size, 9-1/2" x 12" industrial gauge blade
- 48" Ash wood handle
- Dual rivets, extended tab socket

Item #	Desc.
UF44-124	Open back
UF44-363	Closed back

UNION TOOLS

Square Point Shovel

- Best for transferring clay, heavy or rocky materials
- Forward turned step
- 16 gauge, #2, 9-1/4" x 11-1/2" open back heavy-duty blade, 9” socket
- Dura-Torque crimp collar
- 48" Fiberglass handle

Item #
UF45-161

UNION TOOLS

Square Point Shovel

- Good for transferring sandy, light soils
- Forward turned step
- 16 gauge, #2, 9-1/4" x 11-1/2" open back blade, 9" socket
- 48" Ash handle

Item #
UF40-184

UNION TOOLS

Square Point Shovel

- For transferring rocky & drier soils
- Forward turned step
- #2 open back, heavy-duty blade w/Dura-Torque crimp collar
- 9-1/4” x 11-1/2” blade, 9” socket
- 48” Ash wood handle

Item #
UF44-106

UNION TOOLS

Square Point Shovel

Razorback®

- For transferring heavy, rocky materials
- Rolled step
- 14 gauge, #2 open back blade
- 9-1/2” x 12”, 10” socket
- 48" Fiberglass handle with cushion end grip

Item #
UF44-000

UNION TOOLS

Trench/Clean Out Shovels

Razorback®

- For cleaning out trenches
- Industrial grade steel blade with 11" socket
- Forward turned step
- 48" Ash wood handle

Item #	Desc.
UF47-023	3” Blue blade

Item #	Desc.
UF47-024	4” Orange blade

UNION TOOLS

Trenching Shovel

Razorback®

- Ideal for digging/cleaning narrow trenches
- Rolled step prevents debris build-up
- 14 gauge, 4" x 11-1/2" blade, 9" socket
- Dura-Torque crimp collar
- 54" Fiberglass handle

Item #
UF47-138

UnionTools

UNION TOOLS

Western Aluminum Grain Scoop

- Good for handling grain, sand, snow and other loose materials or general purpose clean-up
- 29” Ash wood handle with poly D-grip

Item #	Size	Blade Size (in.)
UF53-102	#12	14¾x18¾
UF53-103	#10	14¾x17¾

UNION TOOLS

Poly Grain/Snow Scoop

- Ideal for scooping grain, snow, mulch or general purpose cleanup
- #12 ABS 14-3/4” x 18-3/4” blade
- 29” Ash wood handle with poly D-grip

Item #
UF79-770

UNION TOOLS

Western Aluminum Scoop Shovel

Razorback®

- For transferring grain, snow and loose materials
- #10 Sized 14-1/2" x 17-3/4" industrial gauge aluminum blade
- 48" Ash wood handle

Item #
UF53-127

UNION TOOLS

Double Milled Sledge Hammers

- For heavy pounding jobs
- 16” Fiberglass handle w/grip

Item #	Desc.
UF12-156	6 lb. Head
UF12-157	8 lb. Head

UNION TOOLS

Drilling Hammers

- For driving drilling bits and heavy chisels
- Forged steel head with chamfered edges
- 10-1/2” Hickory handle

Item #	Head Weight (lbs.)	Head Length (in.)
UF30-567	2	4
UF30-568	3	4¼

UNION TOOLS

Sledge Hammers

Double Milled Head

- Best for heavy pounding jobs
- Forged double milled steel head for added durability
- 36" lacquered Hickory handle for strength

Item #	Head Weight (lbs.)	Head Length (in.)
UF30-578	4	5½
UF30-580	8	6½
UF30-582	10	6¾
UF30-584	12	7

UNION TOOLS

Engineer’s Hammers

- Best for driving stakes and rods
- Forged steel head w/chamfered edges for added durability
- 16" handle

Item #	Handle	Head Weight (lbs.)	Head Length (in.)
UF30-576	Hickory	4	4¼
UF30-592	Fiberglass	4	4¾

UNION TOOLS

Sledge Hammers

Razor-Back®

- For heavy pounding jobs
- Forged, steel head with chamfered edges for added durability
- 36" Fiberglass handle for superior strength

Item #	Head Weight (lbs.)	Head Length (in.)
UF30-596	8	6¼
UF30-598	10	7

STANLEY

STANLEY INDUSTRIAL TOOLS

Ball Pein Hammer

- High carbon steel forged heads, hardened and tempered
- Rim Tempered™ face minimizes chipping, assures greater safety
- Polished face, poll, and peen
- Hickory handle

Item #	Wt. (oz.)	OA Lgth. (in.)
ST54-016	16	14
ST54-024	24	15
ST54-032	32	16

STANLEY

STANLEY INDUSTRIAL TOOLS

Dead Blow Hammer

Compo-Cast® Soft Face

- Non-sparking, non-marring soft face of Uni-Cast™ construction has no exposed metal
- Dead blow function uses steel shot
- Hi-Vis orange

Item #	Wt. (oz.)	Overall Lgth. (in.)
ST57-532	21	12⅞
ST57-533	42	14¼
ST57-534	52	15¼

NUPLA

NUPLA CORPORATION

Dead Blow Hammer

Fiberglass

- Smart hammer technology for creating the ultimate dead blow effect
- Non-marring face

Item #	Head Weight (lbs.)	Handle Length (in.)	Grip
NU10-035	3	14½	SG

NUPLA CORPORATION

Ball Pein Hammers

Fiberglass

- Carbon steel heads
- Precision forged and heat treated

Item #	Head Weight (oz.)	Handle Length (in.)	Grip
NU21-008	8	11	H
NU21-012	12	H	
NU21-017	16	13	SG
NU21-020	20	13	H
NU21-024	24	14	H
NU21-025	24	14	SG
NU21-033	32	14	SG

NUPLA CORPORATION

Cross Pein Hammers

Fiberglass

- Classic blacksmith style
- Carbon steel forged heads

Item #	Head Weight (lbs.)	Handle Length (in.)	Grip
NU29-020	2	14	C
NU29-030	3	14	C

NUPLA CORPORATION

Double-Faced Sledge Hammers

Fiberglass

- Classic blacksmith sledge
- Carbon steel forged heads

Item #	Head Weight (lbs.)	Handle Length (in.)	Grip
NU27-101	10	32	SG

NUPLA CORPORATION

Double-Faced Sledge Hammers

Ergo Power - Fiberglass

- Injection molded cover protects fiberglass from over strikes
- Carbon steel forged heads

Item #	Head Weight (lbs.)	Handle Length (in.)	Grip
NU27-808	8	32	SG
NU27-810	10	32	SG
NU27-812	12	32	SG
NU27-816	16	32	CS

NUPLA CORPORATION

Rubber Mallet

Fiberglass

- 2 lb. rubber head

Item #	Head Weight (lbs.)	Handle Length (in.)	Grip
NU13-120	2	16	H

NUPLA CORPORATION

Brass Hammers

Fiberglass

- Non-sparking brass head

Item #	Head Weight (lbs.)	Handle Length (in.)	Grip
NU30-025	2½	12	SG
NU30-040	4	12	SG

WILTON

WMH TOOL GROUP

Sledge Hammer

Wilton®

- Unbreakable handle is made with tempered steel and surrounded by heavy-duty molded rubber
- Ergonomic handle absorbs shock, ensures comfort and has a slip-resistant grip
- High-visibility head

Item #	Head Wt. (lbs.)	Handle Lgth. (in.)
WT19999	2½	12
WT20000	4	12
WT20015	6	30
WT20020	10	30
WT20025	12	30
WT20003	14	30

WMH TOOL GROUP

Ball Pein Hammer

Wilton®

- Unbreakable handle is made with tempered steel and surrounded by heavy-duty molded rubber
- Ergonomic handle absorbs shock, ensures comfort and has a slip-resistant grip
- High-visibility head

Item #	Head Wt. (oz.)	Handle Lgth. (in.)
WT20030	24	14
WT20035	32	14

NUPLA

NUPLA CORPORATION

Classic Aluminum Scoop

Fiberglass

- #10 aluminum blade

Item #	Gauge	Blade Dim. (in.)	Handle Length (in.)	Grip
NU69-010	11	14½ x 17¾	27	D

NUPLA CORPORATION

Classic Western Scoop

Fiberglass

- Hollow back blade

Item #	Gauge	Blade Dim. (in.)	Handle Length (in.)	Grip
NU69-109	16	14 x 17	27	D

NUPLA CORPORATION

Classic Round Point Shovels

Fiberglass

- 9” x 11-1/2” blade
- 16 Gauge

Item #	Size	Blade Style	Handle Length (in.)	Grip
NU69-027	#2	Hollow Back	27	D
NU69-048	#2	Hollow Back	48	Butt
NU69-150	#0	Hollow Back	48	Butt

NUPLA CORPORATION

Classic Square Point Shovels

Fiberglass

- 9-7/8" x 11-1/2" blade
- 16 Gauge

Item #	Size	Blade Style	Handle Length (in.)	Grip
NU69-127	#2	Hollow Back	27	D
NU69-148	#2	Hollow Back	48	Butt

NUPLA CORPORATION

Power Pylon Shovels

Fiberglass

- HD14 Gauge
- Solid back blade style
- Ergo Power, 48" handle

Item #	Desc.	Blade Dim. (in.)	Grip
NU72-145	Square Point	9⅞ x 11½	Ergo
NU72-245	Round Point	9 x 11½	Ergo

NUPLA CORPORATION

Power Pylon Trenching Shovel

Fiberglass

- HD 14 gauge
- Solid-back blade style
- 4-1/2" x 12" blade
- Ergo Power, 48" handle

Item #
NU69-223

NUPLA CORPORATION

Classic Drain Spades

Fiberglass

- "Sharp Shooters"
- 16 gauge
- Hollow back blade style

Item #	Blade Dim. (in.)	Handle Length (in.)	Grip
NU69-276	4¾ x 16	27	D
NU69-277	4¾ x 14	48	Butt

NUPLA CORPORATION

Roofers Ripping Spade

Fiberglass

- 14 gauge
- Hollow back blade style
- 6-7/8" x 11-1/2" serrated blade
- Butt grip 48" handle

Item #
NU69-799

NUPLA CORPORATION

Classic Post Hole Digger

Fiberglass

- 14 gauge
- Closed back blade style, 6-1/2" dia.
- 48" handle

Item #
NU69-548

NUPLA CORPORATION

Classic Bow Rake

Fiberglass

- Steel 16 tine head
- 16-1/4" W head, 60" handle

Item #
NU69-616

NUPLA CORPORATION

Concrete Placer

Fiberglass

- 20" Blade with hook
- Pro Tec 54" handle

Item #
NU79-314

NUPLA CORPORATION

Soil Probe

Fiberglass

- With metal tip
- Classic T-handle

Item #	Length (in.)
NU69-401	48
NU69-403	60

Replacement Tip for Probes

NU12-495	-

NUPLA CORPORATION

Classic Digging Bar

Fiberglass

- 6’ bar with point and ball

Item #
NU69-351

NUPLA CORPORATION

Fire Swatter

- Specialty fire tool
- Butt grip 60” handle

Item #
NU69-215

NUPLA CORPORATION

Nuplabond Epoxy

- For replacement handles
- Size 12 gr.

Item #
NU39-012

NUPLA CORPORATION

Replacement Tool Handles

Fiberglass

- Replacement handles for various applications

Item #	Desc.
NU55-551	Pick/Mattock Handle, #6 eyehole, 36" handle, SG grip
NU59-801	For Sledge 6-16 lbs. Mech/ Loc® 36" Handle, SG grip
NU59-987	For Sledge and Cross Pein 14" Handle, SG grip
NU68-446	Fits Hollow/Closed Back Shovels, 48" D Handle
NU68-448	Fits Hollow/Closed Back Shovels, 48"
NU68-555	Fits Broom/Mop, 60"

NUPLA CORPORATION

Replacement Shovel Blade

- Heavy gauge round point power pylon shovel blade

Item #
NU69-001

STANLEY

STANLEY INDUSTRIAL TOOLS

Plumb Bob

- Polished-lacquer, solid-brass construction is durable and rust resistant
- Replaceable, hardened steel tip is long-lasting
- Screw top simplifies attaching string to center of plumb
- 8 oz. with extra tip

Item #
ST47-973

STANLEY INDUSTRIAL TOOLS

Chisel Set

FatMax®

- 3 pc. set with 1/2”, 3/4” and 1” widths, 9” long
- Hardened, tempered high-chrome carbon alloy steel blade for edge retention

Item #
ST16-970

STANLEY INDUSTRIAL TOOLS

Wood Chisels

FatMax®

- Hardened, tempered high-chrome carbon alloy steel blade for edge retention
- Overall Length: 9”

Item #	Size (in.)
ST16-975	½
ST16-977	¾
ST16-978	1

STANLEY INDUSTRIAL TOOLS

Jab Saw

Fat Max™

- Sharp Tooth™ technology cuts 50% faster than traditional tooth designs
- Cuts on both the push and pull stroke

Item #
ST20-556

STANLEY INDUSTRIAL TOOLS

Wallboard Saw

- Designed especially for making cuts in plasterboard
- Self-starting point sharpened for plunge cuts
- 6” pointed blade

Item #
ST15-206

STANLEY INDUSTRIAL TOOLS

Hand Saw

FatMax®

- SharpTooth™ Saw Technology uses three cutting surfaces to cut 50% faster
- Induction-hardened teeth stay sharp up to five times longer than standard teeth-15” x 9 pt. blade
- Back of saw can be used to mark 45º and 90º angles

Item #
ST20-045

STANLEY INDUSTRIAL TOOLS

Hand Saw

Sharptooth™

- Multi-purpose saw for a high-quality finish
- For use on laminate, plastic pipe, and all wood types
- SharpTooth™ saw technology uses three cutting surfaces to cut 50% faster
- 26” x 12 pt. blade

Item #
ST20-065

DBI/SALA

Construction Style Harness

Exofit NEX™

- Duo-Lok™…lightweight, one-handed use w/ memory-fit
- Revolver™…simple and fast adjustment that locks into position
- Tech-Lite™ Aluminum d-rings:…lightweight alloy adds to comfort
- Repel Technology Webbing…provides up to 5 times more abrasion resistance and water repellency
- Integrated Trauma Straps
- Reflective material provides better visibility
- Impact indicator stitches
- Breakaway lanyard keepers
- Sewn-in hip pad / belt for comfort during a long work day
- Max capacity of 420lbs (including weight of person(s) and gear)

Item #	Size
DI1113121	Small
DI1113124	Medium
DI1113127	Large

DBI/SALA

Tower Climbing Harnesses

Exofit NEX™

- Duo-Lok™: Lightweight one-handed use w/memory-fit
- Revolver™: Simple and fast adjustment that locks into position
- Tech-Lite™ Aluminum d-rings: Lightweight alloy adds to comfort
- Repel Technology Webbing: Provides up to 5 times more abrasion resistance and water repellency
- Integrated Trauma Straps
- Reflective material: Provides better visibility
- Impact Indicator Stitches
- Breakaway lanyard keepers
- Max Capacity 420lbs
- Meets or exceeds all applicable industry standards including OSHA and ANSI including the stringent ANSI Z359

Item #	Size
DI1113190	Small
DI1113191	Medium
DI1113192	Large

DBI/SALA

Construction Vest Style Harness

ExoFit™

- The ExoFit™ design is based on the concept of a single piece of material constructed in the shape of an "X" that wraps around you for the ultimate in no-tangle donning and comfortable security
- With back D-rings, sewn-in back pad and belt with side D-rings, quick-connect buckles

Item #	Size
DI1108500	Small
DI1108501	Medium
DI1108502	Large
DI1108507	Extra Large

DBI/SALA

Tower Climbing Harness

ExoFit™

- ExoFit™ tower climbing vest-style full body harness with front, back and side D-rings, belt with sewn-in back pad, removable seat sling and quick-connect buckle leg straps
- The ExoFit™ design is based on the concept of a single piece of material constructed in the shape of an "X" that wraps around you for the ultimate in no-tangle donning and comfortable security
- The materials are soft and lightweight, yet extremely durable; the shoulder, hip and leg padding is built-in so it can't slip; with breathable 3-D mesh lining

Item #	Size
DI1108652	Large

DBI/SALA

Vest-Style Harness

ExoFit™

- Cushioned shoulder pads keep the pressure off all the time; in a fall, they absorb shock and help distribute your weight, they are built-in so they can't slip or slide off your shoulder
- Strap keepers prevent dangerous entanglements
- Soft, light-weight webbing is strong without feeling stiff or coarse; the straps are easy to adjust and always hold their adjustment
- Aerospacer™ Dri-lex® lining immediately draws moisture away
- Three quick-connect buckles offer one-handed operation and smooth adjustment
- Torso buckles adjust easily, yet hold straps firmly in place and complete the 5-point adjustment system
- The cushioned leg and hip straps and soft seat strap offer comfort and additional security during a fall
- Anti-tear, abrasion-resistant ballistic nylon for rugged strength and durability
- Back D-ring of forged alloy steel (5,000 lbs. minimum tensile strength)
- Black D-ring, loops for belt, quick connect buckles

Item #	Size
DI1107976	Medium
DI1107977	Large
DI1107981	XLarge

DBI/SALA

Vest Style Harness

Delta No-Tangle™

- Delta No-Tangle™ design for added comfort and easy donning
- Spring loaded stand-up back D-ring ensures fast, easy, and safe connections
- Adjustable non-slip chest strap with easy to use pass-thru buckle
- Parachute buckles on lower shoulder straps for quick and easy adjustment
- Tongue buckle leg straps for fast & easy donning
- Polyester webbing construction for added durability; plated hardware for corrosion resistance
- The 1102008 is the same except includes side D-rings

Item #	Size
DI1101252	XLarge
DI1102000	Universal
DI1102008	Universal

DBI/SALA

Construction Cross-Over Harness

Delta No-Tangle™

- With added back support and tool-carrying options
- Pass-thru buckle leg straps
- Adjustable front D-ring; back D-ring; body belt with foam back pad and side D-rings
- Application: Fall arrest (FA), work positioning (WP), restraint (RT)

Item #	Size	Waist Measurement (in.)
DI1101810	Medium	36 - 44
DI1101811	Large	40 - 48
DI1101812	X Large	44 - 52

DBI/SALA

Cross-Over Style Harness

Delta No-Tangle™

Durable harness, constructed of polyester webbing, is designed to restrain the worker in the event of a fall. Complete with front and side D-rings for ladder climbing and positioning and a back D-ring for fall protection. Delta “no tangle” back pad helps harness keep it shape and makes it easier to put on and adjust.

Other features include:

- Parachute adjuster buckle on upper shoulder strap; pass thru adjuster buckles on lower shoulder and leg straps

*The 1102010 is the same as the 1103270 except no side D-rings.

Item #	Desc.	Size
DI1103270	4 D-Ring	Universal
DI1102010	2 D-Ring	Universal

DBI/SALA

Vest Style Harness

Delta No-Tangle™

- Polyester webbing resists abrasion and UV and chemical degradation
- Web keepers at all adjustment points hold extra webbing so it is tucked away and out of your way
- Seat slings provide both comfort and even distribution of fall arrest forces
- Adjustable non-slip chest strap moves when you want it to; stays put when it should. Metal pass-thru buckle delivers added strength and safety
- Built-in loops for a body belt allow you to customize the harness with your own belt and the harness will support it
- Cadmium-plated forged alloy steel hardware precisely engineered for maximum strength, durability and reliability. 5000 lbs. tensile strength

Item #	Size
DI1102001	Universal

DBI/SALA

Vest Style Harness

Delta No-Tangle™

- Polyester webbing resists abrasion and UV and chemical degradation
- Compare our stitching and precise stitch patterns to anyone else; we sew in strength you can trust
- Web keepers at all adjustment points hold extra webbing so it is tucked away and out of your way
- Seat slings provide both comfort and even distribution of fall arrest forces
- Adjustable non-slip chest strap moves when you want it to; stays put when it should
- Metal pass-thru buckle delivers added strength and safety
- Built-in loops for a body belt allow you to customize the harness with your own belt and the harness will support it
- Add tools and pouches-enjoy the back support
- Cadmium-plated forged alloy steel hardware precisely engineered for maximum strength, durability and reliability
- 5000 lbs. tensile strength
- Parachute buckle leg straps
- Back and side D-rings

Item #	Size
DI1102009	Universal

DBI/SALA

Construction Vest Style Harness

Delta No-Tangle™

- Added back support and tool-carrying options
- Pass-thru buckle leg straps
- Back and without side D-rings
- Belt loops

Item #	Size
DI1103513	Universal

DBI/SALA

Construction Vest Style Harness

Delta No-Tangle™

- Added back support and tool-carrying options
- Pass-thru buckle leg straps
- Back D-ring
- Body belt with foam back pad and side D-rings

Item #	Size
DI1101643	Large

DBI/SALA

Construction Vest Style Harness

Delta No-Tangle™

- Added back support and tool-carrying options
- Tongue buckle leg straps
- Back D-ring
- Body belt with side D-rings
- Sewn-in back pad; sewn-in shoulder pads

Item #	Size
DI1101654	Medium
DI1101655	Large
DI1101656	X-Large

DBI/SALA

Vest Style Harness

Delta No-Tangle™

- With adjustable non-slip chest straps designed for comfort and stability
- Back D-ring
- Tongue buckle leg straps
- Shoulder retrieval D-rings
- Parachute buckles on lower shoulder straps
- Application: Fall arrest (FA), restraint (RT), rescue (RC)

Item #	Size
DI1101254	Universal

DBI/SALA

Vest Style Harness

Delta No-Tangle™

- Dorsal web loop
- Use with web loop lanyards for ultimate safety
- Reduced weight and electrical conductivity
- Pass-thru buckle leg straps
- Non-conductive/non-sparking PVC coated hardware

Item #	Size
DI1104730	Universal

DBI/SALA

Hi-Vis Work Vest Harness

Delta No-Tangle™

- Hi-vis work vest harness - reflective/orange
- Back D-ring, tongue buckle legs

Item #	Size
DI1107404	Universal

DBI/SALA

Shock Absorbing Lanyards

Shock Absorbing

ShockWave2™

- Polyester webbing with tensile strength from 5,750 to 9800 lbs. won't give out, even when you do
- At 5 to 7 stitches per inch, lanyards are sewn tough for rough action
- Our patented, user-friendly self-locking snap hooks open and connect without thumbs or fingers getting in the way
- Expands to 6 ft. and contracts to 4-1/2 ft.
- Abrasion resistant tubular webbing
- Self-locking snap hooks at ends; impact indicator
- With 2007153 aluminum hook (2-1/4" opening) at one end

Item #
DI1224311

DBI/SALA

Shock Absorbing Lanyard

Shock Absorbing

ShockWave2™

- Expands to 6 ft. and contracts to 4-1/2 ft. in reaction to your movements
- Reduces trip fall hazards, dragging and snagging for complete freedom of movement
- With aluminum hook (2-1/4 in. opening) at both ends
- Abrasion resistant tubular webbing for durability and longevity
- Impact indicator allows user to visually inspect unit for a fall
- 6 ft. in length; limits arresting forces to 900 lbs. or less

Item #
DI1244306

DBI/SALA

Shock Absorbing Lanyard

Shock Absorbing, 100% Tie-off

ShockWave2™

- Expands to 6 ft. and contracts to 4-1/2 ft. in reaction to your movements
- Reduces trip fall hazards, dragging and snagging for complete freedom of movement
- Twin-leg 100% tie-off style helps you remain connected at all times
- Abrasion resistant tubular webbing for durability and longevity
- Impact indicator allows user to visually inspect unit for a fall
- 6 ft. in length; limits arresting forces to 900 lbs. or less

Item #	Desc.
DI1244406	3 std. hooks, 3600 lb. gates
DI1244409	1 std./2 aluminum rebar hooks, 3600 lb. gates

DBI/SALA

Safety Lanyards

Tie-Back, Shock Absorbing

EZ-Stop™ II

- Tie-back design eliminates the need for a separate anchorage connector
- 1” polyester webbing with abrasion resistant tubular wear layer webbing for added durability and longevity
- Easy to use self locking snap hooks at both ends
- Floating D-ring provides adjustable tie-back point so lanyard can be choked off to itself
- Soft cover shock absorber for added worker comfort
- Length: 6 ft.
- Limits arresting forces to 900 lbs. or less

Item #
DI1221206

DBI/SALA

Safety Lanyards

Retractable, Shock Absorbing

EZ-Stop® Retrax™

- Stays close to the body, reducing trip falls, dragging and snagging
- Unique spring technology retracts and expands from 2-1/2 to 6 feet for complete freedom of movement
- Compact, lightweight device weighs only 2 lbs.
- Smooth retraction with no irritating lock-ups enhances ease-of-use and productivity
- Easy to use self locking snap hooks at both ends
- Limits arresting forces to 900 lbs. or less

Item #	Desc.	Gate Opening (in.)
DI1221460	with self locking snap hooks at both ends	NA
DI1221462	w/2007153 aluminum hook at one end	2¼

DBI/SALA

Safety Lanyards

Shock Absorbing

EZ-Stop®II

- 1" polyester webbing for durability and longevity
- Easy to use self locking snap hooks at both ends
- Soft cover shock absorber for comfort
- 6 ft. in length
- Limits arresting forces to 900 lbs. or less

Item #
DI1240006

DBI/SALA

Safety Lanyards

Shock Absorbing

EZ-Stop®II

- 1" polyester webbing with abrasion resistant tubular wear layer webbing for added durability and longevity
- Easy to use self locking snap hooks at both ends
- Floating D-ring provides adjustable tie-back point so lanyard can be choked off to itself
- Soft cover shock absorber for comfort
- 6 ft. in length
- Limits arresting forces to 900 lbs. or less
- Meets or exceeds all applicable industry standards including OSHA, ANSI and the stringent ANSI Z359

Item #
DI1241106

DBI/SALA

Shock Absorbing Lanyards

Shock Absorbing, 100% Tie-off

EZ-Stop® II

- Utilizes a tearing action when subjected to fall arrest forces, keeping the arresting forces under 900 lbs.
- Soft cover; 6 ft. long; 1" polyester web
- Twin-leg 100% tie-off type
- Self-locking snap hook at center, 2007153 aluminum hooks (2-1/4" opening) at leg ends

1240406: With self-locking snap hooks at all ends

Item #
DI1220416
DI1240406

DBI/SALA

Shock Absorbing Lanyards

Shock Absorbing

EZ-Stop® II

- Utilizes a tearing action when subjected to fall arrest forces, keeping the arresting forces under 900 lbs.
- 1” web, self locking snap hooks x 3 ft.

Item #
DI1240007

DBI/SALA

Shock Absorbing Lanyards

Shock Absorbing

EZ-Stop® II

- 1” polyester web and self locking snap hooks at each end, 6 ft. in length

Item #
DI1220256

DBI/SALA

Positioning and Restraint Lanyard

Chain Rebar Assembly

- Use positioning and restraint lanyards while rebar tying or construction of wall-forms
- Should only be used in applications that limit the free fall to two feet or less
- Twist link chain rebar lanyard; self-locking snap hooks on leg ends

Item #	Desc.
DI5920050	swivel flat steel hook 2½" opening gate 20½" long
DI5900051	swivel aluminum hook 2¼" gate opening 22" long

DBI/SALA

Positioning and Restraint Lanyard

Wall-Form Assembly

- Should only be used in applications that limit the free fall to two feet or less
- Twist link chain fits most wedge bolt slots or holes on wall forms
- Self-locking snap hooks at leg ends
- 1/4" tapered wall-form hook nose
- 3600 lb. gates
- 16" long

Item #
DI5904350

DBI/SALA

Self-Retracting Lifeline

Ultra-Lok®

- Comes with a durable glass-filled polyurethane housing, a 3/16" wire rope lifeline and aluminum side plates for maximum durability and minimum weight
- For added security has an anti-ratcheting twin disc brake system with an audio indicator to let you know it is functioning properly
- 30 ft. of 3/16" galvanized steel wire rope, self locking swivel hook with impact indicator
- Stainless steel working components for corrosion resistance
- Reserve lifeline retention system for added safety
- Swiveling anchorage loop to prevent twisting of lifeline

Item #
DI3504430

DBI/SALA

Self-Retracting Lifelines

Cable

Ultra-Lok®

- View the impact indicator, located on the snap hook (for quick and easy inspection), to see if the unit has been impact loaded
- For ease of use and worker acceptance, our SRLs are the lightest in the industry at 9 lbs.
- Heavy-duty main spring maintains its exact retraction for the life of the product
- Corrosion-resistant stainless steel working components
- Reserve lifeline retention system
- 3/16" galvanized steel wire rope
- Self-locking swivel snap hook with impact indicator
- Swiveling anchorage loop to prevent twisting of lifeline

Item #	Length (ft.)
DI3504433	20
DI3504450	50

DBI/SALA

Self-Retracting Safety Lifelines

Web

Talon™

- Engineered for reliable protection that locks when it should; won't lock when it shouldn't
- Self-retracting, all metal braking system for durability
- Self-locking hook with impact indicator
- Swiveling anchorage loop to prevent lifeline twisting
- 1" nylon webbing

Item #	Length (ft.)	Desc.
DI3101000	8	Standard Snap Hook
DI3101051	16	Swivel Snap Hook

DBI/SALA

Web Self-Retracting Lifelines

11' Web

- Rugged, heavy-duty (yet lightweight) cast aluminum housing
- Anti-ratcheting twin disc brake
- Reserve lifeline retention system
- 1" wide nylon webbing lifeline
- Self-locking swivel snap hook with impact indicator
- 11 ft. long

Item #
DI3103031

PROTECTA

Self-Retracting Lifelines

30' Cable

KRG Series

- Provides an economical SRL solution without compromising performance for safety
- 3/16" x 30' galvanized steel wire rope in thermoplastic housing with zinc coated internal components
- Swiveling snap hook with impact indicator and a self locking carabiner for use when mounting the unit to your anchor point
- It begins fall arrest within 2 ft. and has a red end-of-travel indicator, it works horizontally or vertically
- Weighs less than 10 lbs.

Item #
DIPAD215AG

PROTECTA

Self Retracting Lifeline

33' Cable

Rebel™

33' Self Retracting Lifeline with 5mm Galvanized Cable, Thermoplastic Housing and Carabiner.

- Ensures falls are stopped within a few inches, making Rebel™ SRL's safer than traditional lanyards
- Incorporates rugged aluminum or thermoplastic housing and stainless steel working components that can withstand rough use
- Unique speed sensing brake keeps forces to a minimum, and reduces clearance requirements. With a 420 lb. capacity (190kg), the worker is provided added versatility and tool carrying options

Features:

- Stainless steel or galvanized cable options available
- 2-year warranty on parts and workmanship, plus no annual re-certification is required; meets all applicable industry standards including OSHA and ANSI Z359.1

Item #
DI3590500

DBI/SALA

Rope Grabs

- Mobile type, automatically follows worker providing maximum freedom of movement
- Fits 5/8" diameter rope lifeline; they can be installed or removed at any point on the lifeline
- Use with 3 ft. EZ Stop® II shock absorbing lanyard 1240007

Item #
DI5000335

DBI/SALA

Rope Lifeline Assemblies

- 5/8" polyester/polypropylene blend rope
- Self-locking snap hook at one end
- Taped at other end

Item #	Length (ft.)
DI1202754	30
DI1202794	50
DI1202821	75
DI1202844	100
DI1202879	150
DI1202900	200

DBI/SALA

Horizontal Lifelines

Sayfline™

- Lightweight and easy to install, and they are also extremely portable
- Easily installed with no special tools or equipment
- Lightweight
- Rope lifeline assembly with tensioner
- Two tie-off adapters; carrying/storage bag

Item #	Length (ft.)
DI7600506	60
DI7600510	100

DBI/SALA

Roof Anchor Fall Protection Kits

- Includes 2103673 roof anchor, 1224005 rope adjuster w/lanyard, 1103513 harness, 1203000 lifeline x 50 ft. with 5901583 counterweight and carry bag

Item #
DI2104168

DBI/SALA

Roof Anchors

Permanent

- Simply install by clamping onto joist, rafter, etc. (roof member)
- Complete with integral D-ring anchorage point
- Weather tight cap protects the anchor from corrosion by sealing it from the environment
- Complete with thermoplastic flashing to prevent water leakage through the roof
- 5,000 lb. Minimum breaking strength

Item #	Fits
DI2103670	2x8
DI2103671	2x10 to 2x12

DBI/SALA

Roof Anchors

Reusable

- Nail into the sheathing and joist, rafter, etc. (roof member)
- Steel construction; includes 20 16D nails for single use
- 3 lbs. total weight
- Complete with cadmium plated forged alloy steel D-ring
- 5,000 lb. Minimum breaking strength

Item #
DI2103676

DBI/SALA

Roof Anchor

Reusable

- Chain and O-ring
- 25" long
- Nail or screw into place

Item #
DI2103673

DBI/SALA

Roof Anchors

Disposable

- Quickly installed by first bending the anchor into shape and conforming it to the roof; then simply nail it into place through sheathing and truss on the roof or peak using ten 16d nails
- Material: Zinc plated steel
- Capacity: 310 lbs.
- Breaking Strength: 1,800 lbs. - rated for fall arrest

Item #
DI2103680

DBI/SALA

D-Ring Anchorage Plate

- Bolt or weld to structure
- Two 1/2" dia. attachment holes
- Plate size 1/4" x 2" x 4-1/4"
- Stainless steel plate, zinc plated D-ring

Item #
DI2101630

DBI/SALA

Sliding Beam Anchor

Glyder2™

- Provides complete horizontal mobility, tie-off overhead or at your feet (use with Force2 shock absorbing lanyard when used at your feet)
- Integrated ratcheting adjustment system provides quick and easy installation and removal
- Unique guarded locking mechanism protects the anchor from accidental disengagement
- Extremely lightweight at only 3.7 lbs., with a user capacity of 420 lbs. and a minimum breaking strength of 5,000 lbs.
- Replaceable synthetic wear pads
- Fits flange 3-1/2" to 14" wide and up to 1-1/4" thick

Item #
DI2104700

DBI/SALA

Tie-Off Adapters

Pass-Thru

- Pass-through design makes attaching to anchorage quick and easy
- 1-3/4" polyester strength member (5,000 lb. Min. tensile strength)
- 3" wide polyester wear pad
- Zinc plated steel hardware

Item #	Length (ft.)
DI1003000	3
DI1002004	4
DI1003006	6

DBI/SALA

Anchorage Connectors

Scaffold Choker

- 1" x 17" long polyester web
- Fits 3" max. diameter structure
- Zinc plated hardware

Item #
DI1201390

DBI/SALA

Steel Carabiners

Saflok®

- Self-closing/self-locking gate for increased safety and security
- Steel construction for durability
- User-friendly design for simple operation even while wearing gloves
- Rated gate of 3,600 lbs.
- Compatible with most connecting rings

Item #	Gate Opening (in.)
DI2000112	1 1/16
DI2000113	1 3/16
DI2000114	2 3/16

DBI/SALA

Trauma Strap

- Allows worker who is suspended to stand up in their harness to relieve pressure
- Continuous loop design allows for either one or two-foot suspension relief without pinching
- Can be attached to most harness brands/ styles right in the field
- Extremely compact and lightweight design stays out of the worker's way
- Deployment and operation is foolproof, simply unzip, and hook straps together

Item #
DI9501403

DBI/SALA

Confined Space Rescue

Retrieval Systems

Salalift® II Winch with Tripod

- Complete rescue system including tripod and Salalift® II winch
- Designed for durability and light weight, the UL classified 7' aluminum tripod is easy to set up and transport
- Rated working load is 350 lbs. for work support and 310 lbs. for fall arrest
- Designed for raising, lowering, work support or personnel rescue and features 60' of galvanized 1/4" steel cable
- Durable corrosion resistant construction featuring anodized aluminum side plates, zinc plated gears and shafts, stainless steel springs and aluminum drum for superior corrosion resistance

Item #
DI8300040

DBI/SALA

Personnel Rescue Retrieval Systems

Winch with Tripod

- The rated working load is 310 lbs. for fall arrest; the sealed SRL winch is intended for personnel rescue, though it may also be used for some raising and lowering of equipment
- Assembly includes: Sealed SRL winch, cable as selected, mounting bracket, winch carrying bag and 9 ft. aluminum tripod
- Galvanized cable 3/16" x 50'

Item #
DI8301020

DBI/SALA

Retro-Fit Tag

i-Safe™

- It can be 'choked' around an object and locked down with a permanent dome fastener; the scanner will pick up the encoded information right through the pouch; the tag is ideally suited for web materials, small diameter pipe and fixtures and can be attached without tools

Item #
DI9502059

DBI/SALA

PDA

i-Safe™

- The PDA enables the user to scans RFID tags and inspect product on site without having access paperwork and return product to a specific site to do the work
- Equipped with i-Safe™ Mobile Intelligent safety software
- Contains Microsoft® Windows Mobile™ Version 5.0
- ActiveSync 4.0 for quicker synchronization to your PC
- Integrated Multimedia player and SD card capability
- Complete with cradle and sync cable
- Carrying case included
- Full color screen
- Promag RFID reader

Item #
DI9000026

DBI/SALA

Ladder Safety System

Lad-Saf®

- ASK ABOUT INSTALLATION
- Hands-Free Climbing And Protection: The Lad-Saf™ sleeve automatically follows the user, can be attached anywhere along the cable and locks in the event of a fall
- Tension Indicator: Integrated tension indicating bottom bracket takes the guesswork out of installation
- Customizable: Hundreds of different brackets, styles and configurations to suit almost any application
- Corrosion Resistant Construction: Galvanized and stainless steel construction stands up to harsh environments for added longevity
- Shock Absorbing Design: Integrated shock absorbing top bracket reduces forces imposed on ladder structure during fall
- Intermediate Cable Guides: Prevents cable wear against the ladder and permits the climber to bypass without disconnecting

Item #
LAD-SAF SYSTEM

MILLER BY HONEYWELL

Harness

Revolution™

- Web Finials - Clip-on design safely organizes webbing after proper adjustment
- PivotLink™ Connection - Unique rotary design provides greater comfort in bending/mobility
- ErgoArmor™ Back Shield - Semi-flexible back shield minimizes impact from sharp/heavy snap hooks and self-retracting lifelines
- DualTech™ Webbing - Donning made easy with two-sided, contrasting color webbing and textures
- Cam Buckle - Easy, one-hand adjustment/release allows simultaneous adjustment of shoulder straps
- Self-Contained Label Pack - Integrated pack encapsulates labels minimizing damage and loss
- Integrated Accessory System - Modular attachment design provides connection points for belts/tools/accessories
- Rated to 400 lbs. capacity

Item #	Size
MYRDT-QC/SM	Sm/Med
MYRDT-QC/U	Universal
MYRDT-QC/XXL	XXL/XXXL
MYRDT-QC-BDP/U	Universal
MYRDT-QC-BDP/XXL	XXL/XXXL
MYRDT-TB/U	Universal

MILLER BY HONEYWELL

Arc-Rated Harness

Revolution™

- The webbing offers the durability and FR properties of Kevlar® on the outer side, with softer FR Nomex® on the inside of the webbing for greater comfort
- PivotLink™ design allows unmatched freedom of motion and comfort, while the unique Cam Buckles provide easy two-finger adjustment
- Leather insulators under all metal hardware offer additional protection for the worker
- The Kevlar web loop on the back pad allows for a “metal-less” connection when used with a Kevlar shock-absorbing lanyard with a choke-off loop
- All Miller Revolution Arc-Rated Harnesses have bright red binding on every pad, making them easily identifiable as an Arc-Rated product
- Quick-Connect Chest Buckles; Cam Buckles
- ErgoArmor Back Shield
- Self-Contained Label Pack
- Web Finials; Back D-Rings

Item #	Size
MYRKNAR-QC/UBK	Universal
MYRKNAR-TB/UBK	Universal

MILLER BY HONEYWELL

Harness Accessories

Revolution™

The PivotLink™ Connection provides attachment for accessories and tool pouches with a design that accommodates:

- Pouches, tool holders, cell phones, water bottles and more
- A tool belt that attaches and detaches – distributing weight across the hips and shoulders
- Universal attachment clips that fit on your existing accessories or tool rig and easily attach/detach

Item #	Desc.
MYRIA-T1	Mini Cell Phone Holder w/Snap-On Connector
MYRIA-T2	Regular Cell Phone/Jobsite Radio Holder, w/ Snap-On Connector
MYRIA-T3	Water Bottle Holder, 1 Qt.
MYRIA-T4	Large Open Bolt & Bull Pin Bag w/Quick-Release Tool Snap
MYRIA-T5	Medium Open Bolt & Bull Pin Bag
MYRIA-T6	2 Pocket Nail & Tool Pouch
MYRIA-T7	Large Multi-Pouch Tool Bag w/2 Steel Hammer Loops
MYRIA-T8	Padded Hammer Loop
MYRIA-T9	Open End Pliers & Tool Holder
MYRIA-T10	Zippered Cylindrical Utility Pouch

MILLER BY HONEYWELL

PivotLink Connection Kits

Revolution™

The PivotLink Connection provides an attachment point for a multitude of accessories

- Pouches, tool holders, cell phones, water bottles and more
- A tool belt that easily attaches and detaches – distributing weight across the hips and shoulders
- Universal attachment clips that fit on your existing accessories or tool rig and easily attach/detach
- Accessory Kits & Rigs (Fits sizes 32" to 54")

Item #	Desc.
MYRIA-K2	Regular Cell Phone/Jobsite Radio Holder w/ Snap-On Connector, Water Bottle Holder, arge Multi-Pouch Tool Bag w/2 Steel Hammer Loops
MYRIA-R2	Belt w/Pad and PivotLink Attachments, 5 Accessory Connectors, Large Multi-Pouch Tool Bag w/ 2 Steel Hammer Loops, 2 Pocket Nail & Tool Pouch, Zippered Cylindrical Utility Pouch
MYRIA-R4	Belt w/Pad and PivotLink Attachments, 5 Accessory Connectors, 2 Large Open Bolt & Bull Pin Bags, Padded Hammer Loop

MILLER by Honeywell

MILLER BY HONEYWELL

Optional Padding

Revolution™

- Shoulder/leg pads (2 pack)

Item #
MYRIA-P1

MILLER BY HONEYWELL

Belts

Revolution™

- Fits sizes 32" to 54"
- 5 accessory connectors

Item #	Desc.
MYRIA-B1	Belt only
MYRIA-B2	Belt w/ back pad

MILLER BY HONEYWELL

Harness Accessories

Connection Points

Revolution™

Item #	Desc.
MYRIA-C1	Sliding Belt Accessory Connectors (3 pack)
MYRIA-C2	Universal Accessory & Belt Attachment Clip (2 pack)

MILLER BY HONEYWELL

Identification Kits

Revolution™

- Self-adhesive windows with write-in window
- 10 pack

Item #	Desc.
MYRIA-BL	Blue
MYRIA-YL	Yellow
MYRIA-RD	Red

MILLER BY HONEYWELL

Non-Stretch Harness

HP™

- Rated to 400 lbs. capacity
- Self-contained label pack encapsulates labels minimizing damage and loss; integrated and oversized pull-free lanyard rings
- Comfort-touch back D-ring pad is designed with woven, breathable material for cooler extended wear comfort; orients harness for quick tangle free donning
- Bright 1” polyester webbing make the harnesses readily visible and easy to inspect
- Side and back D-rings; pull-up adjustment style

Item #	Size
MY650T-58	Universal

MILLER BY HONEYWELL

Non-Stretch Harness

- Rated to 400 lbs. capacity
- Self-contained label pack encapsulates labels minimizing damage and loss; integrated and oversized pull-free lanyard rings
- Bright webbing colors are easily visible enhancing compliance and inspection
- Back D-ring

Item #	Size
MY751L/XL	L/XL

MILLER BY HONEYWELL

Non-Stretch Harness

- Rated to 400 lbs. capacity
- Self-contained label pack encapsulates labels minimizing damage and loss; integrated and oversized pull-free lanyard rings
- Bright webbing colors are easily visible enhancing compliance and inspection
- Back D-ring

Item #	Size
MY8428-15-XL	XL
MY8428-15-XXL	XXL

MILLER BY HONEYWELL

Non-Stretch Harness

- Rated to 400 lbs. capacity
- Yellow 1-3/4” non-stretch polyester webbing with pull down adjustment is lightweight and durable
- Minimum tensile 5000 lbs. on webbing
- Steel hardware with brass grommets
- Back D-ring

Item #	Size
MY850-4	Universal

MILLER by Honeywell

MILLER BY HONEYWELL

Stretchable Harness

DuraFlex®

- Rated to 400 lbs. capacity
- Self-contained label pack encapsulates labels minimizing damage and loss; integrated and oversized pull-free lanyard rings
- Bright webbing colors are easily visible enhancing compliance and inspection
- Back and side D-rings

Item #	Size
MYE650-77	Universal
MYE650-58SN	Universal

MILLER BY HONEYWELL

CoolMax Back Pad

- 6” wide pad for added comfort

Item #
MY9014

MILLER BY HONEYWELL

Harness Body Belt Accessories

- 1-3/4” black web belt with tongue buckle and 11 grommets

Item #	Size
MY6414N-S	Small
MY6414N-M	Medium
MY6414N-L	Large

MILLER BY HONEYWELL

Tool Lanyard

Bandit™

- Lanyard conveniently attaches to the user’s belt
- Tools are attached with the carabiner or by cinching the cord around tool

Item #
MY9077

MILLER BY HONEYWELL

Titan™ Non-Stretch Harness

- Rated to 400 lbs.
- Sliding back D-ring
- Two pull-free lanyard rings
- Non-stretch

Item #
MYT4007

MILLER BY HONEYWELL

Relief Step™ Safety Device

- The Relief Step Safety Device provides support and enhances blood circulation until rescue – permitting the ability to move and flex leg muscles
- Small and lightweight; attaches to any brand full-body harness
- Utilizing two (2) Relief Steps (one for each leg/foot) assures greater comfort until rescue is completed

Item #
MY9099X

MILLER BY HONEYWELL

Web Lanyard

Adjustable

- Polyester webbing
- Two locking snap hooks
- 10 ft. length

Item #
MY210WLS

MILLER BY HONEYWELL

Stretchable Shock-Absorbing Lanyard

Manyard II

- Features a unique stretchable design that offers greater maneuverability and safety for the user by contracting 6 ft. to 4 ft.; greatly reduces the chances of tripping, snagging or dragging

Webbing:

- Safety Strap/Jacket: Green tubular polyester webbing
- Shock-absorbing web core: polyester
- 1” elastic

Technical:

- Max Working Load Capacity: 310 lbs. (141 kg)
- Snap Hooks: 5,000 lbs. (22kN) 3/4" (19 mm) gate opening
- Rebar Hooks: 5,000 lbs. (22kN) 2¾” (63 mm) gate opening

Item #	# of Legs	Harness Connection	Anchorage Connection
MY216M	1	Locking Snap Hook	
MY219M/6FTGN	1	Locking Snap Hook	Locking Rebar Hook
MY231M/6FTGN	2	Locking Snap Hook	Locking Rebar Hooks
MY232M	2	Locking Snap Hook	Locking Snap Hooks

MILLER by Honeywell

MILLER BY HONEYWELL

Shock Absorbing Lanyards

Shock-Absorbing

Manyard HP™

- Features a special woven shock-absorbing inner core that reduces fall arrest forces, the heavy-duty tubular outer jacket serves as a back-up web lanyard

Webbing:

- Safety Strap/Jacket: Green tubular polyester webbing
- Shock-absorbing web core: polyester
- Steel Hardware

Technical:

- Max Working Load Capacity: 310 lbs (141 kg)
- Snap Hooks: 5,000 lbs. (22kN) 3/4" (19 mm) gate opening
- Rebar Hooks: 5,000 lbs. (22kN) 2¾ in. (63 mm) gate opening

Item #	# of Legs	Harness Connection	Anchorage Connection
MY216TWLS	1	Locking Snap Hook	
MY232TWLS	2	Locking Snap Hook	

MILLER BY HONEYWELL

Tie-Back Lanyard

Shock Absorbing, 100% Tie-off

BackBiter™

- The heavy-duty polyester webbing provides more abrasion resistance

Materials:

- Webbing: 1-3/8” Green Polyester

SofStop® Shock Absorber

- Webbing: Polyester, Safety Strap (Inside SofStop®): 1-3/4” Polyester, 6 ft. long
- Miller 5K® snap hook provides 5,000 lb. gate load capacity from any angle

Item #	# of Legs	Harness Connection	Anchorage Connection
MY913B-SN	1 w/one 5K snap hook & 1 locking snap hook	Locking snap hook	Locking 5k snap hook
MY8798B-SN	2 w/two 5K snap hooks & 1 locking snap hook	Locking snap hook	Locking 5k snap hook

MILLER BY HONEYWELL

StretchStop® Lanyards w/Shock Absorber

100% Tie-off

Description:

- Combine the SofStop® Shock Absorber with a unique stretch-able lanyard design (4ft.-6ft.) reducing tripping hazard
- Designed with a specially-woven inner core that smoothly expands to reduce fall arrest forces

Webbing:

- Safety Strap/Jacket: Green tubular polyester web, Shock-absorbing web core: polyester, 1” elastic
- Minimum Tensile: 5000 lbs. on webbing

Technical:

Max. Working Load Capacity: 310 lbs.

Item #	# of Legs	Harness Connection	Anchorage Connection
MY8798RSS	2	Locking snap hook	Locking snap hooks
MY8798SS	2	Locking snap hook	Locking rebar hooks

MILLER BY HONEYWELL

SofStop® Shock Absorber

- Designed with a specially-woven inner core that smoothly expands up to 42 inches to reduce fall arrest forces

Item #	Material	# of Legs	Harness Connection	Anchorage Connection
MY928LS	-	N/A	Locking snap hook	D-ring
MY910WLS	6’ Webbing	One	Locking snap hook	
MY907NLS/6FTYL	6’ Vinyl-coated wire rope	One	Locking snap hook	

MILLER BY HONEYWELL

Rebar Positioning Assembly

- Rebar chain assembly used for positioning
- Hardware: Steel, Zinc Plated
- Locking Snap Hooks: 3/4” gate opening
- Locking Rebar Hooks: 2-1/2” gate opening

Item #
MY6756RS

MILLER by Honeywell

MILLER BY HONEYWELL

Fall Limiters

11'

MiniLite®

- Lightweight, compact design that fits in the palm of your hand – only 2.5 lbs.
- Offers up to 11 ft. of working capacity
- Quick-activating, high-strength stainless steel braking system
- Corrosion-resistant interior, frame and components
- No annual factory recertification required
- High-impact protective outer cover; visual load indicator
- Rated to 400 lbs. capacity when using a SofStop® shock absorber (928LS/18INYL), also rated 310 lbs. as-is

Item #	Connector
MYFL11-3	Carabiner and swivel shackle
MYFL11-6	Rebar hook swivel shackle

MILLER BY HONEYWELL

Self-Retracting Lifeline

MightyLite™

- Durable and dependable, corrosion-resistant stainless steel and aluminum housing
- No annual factory recertification required
- Ideal for hard-to-mount locations; carabiner and tagline included
- Rated to 400 lbs. capacity when using a SofStop® shock absorber (928LS/18INYL)

Item #	Material	Length (ft.)
MYRL20P	1" polyester webbing	20
MYRLS30G/30	3⁄16" galvanized wire rope	30
MYRL65G	3⁄16" galvanized wire rope	65

MILLER BY HONEYWELL

Personal Fall Limiters

9'

Scorpion™

- Attach directly to the harness D-ring for use as a personal fall limiter, or use as a traditional retractable lifeline
- Small, lightweight design 2.9 lbs.
- Quick-activating, high-strength stainless steel braking system – arrests free falls
- 9 ft. of working capacity
- Rated to 310 lbs. capacity
- No annual factory recertification required
- Visual load indicator – indicates the unit must be removed from service

Item #	Unit Connector	Lanyard End Connector
MYPFL-4	Scorpion w/carabiner and swivel shackle	Locking snap hook
MYPFL-6	Scorpion w/rebar hook and swivel shackle	Locking snap hook

MILLER BY HONEYWELL

Self-Retracting Lifeline

Cable

Falcon

- Lightest composite unit on the market; corrosion-resistant stainless steel and aluminum internal components
- Smooth, quiet operation; engineered spring retraction tension designed not to pull or drag on a worker
- Dual swivels (unit top and snap hook) included on all cable models to minimize lifeline from twisting during use
- Improved load indicators identify when the unit needs to be removed from service
- 3/16" galvanized wire rope
- No annual factory recertification required; rated to 400 lbs. capacity when using a SofStop® Shock Absorber (928LS/18INYL)

Item #	Length
MYMP20G/20FT	20' Galvanized wire rope
MYMP30G/30FT	30' Galvanized wire rope

MILLER BY HONEYWELL

Personal Fall Limiters

6'

TurboLite™

- Extremely compact and lightweight (1.9 lbs.) provides 6 ft. working capacity lifeline; unit attaches directly to the harness back D-ring for greater mobility and versatility
- Engineered webbing for greater abrasion resistance and long service life
- High-strength, impact-resistant nylon housing for maximum durability; built-in swivel prevents lifeline from twisting
- No annual factory recertification required; rated to 400 lb. capacity

Item #	Unit Connector	Lanyard End Connector
MYMFL-11/6FT	Aluminum Twist-Lock Carabiner	Alum. Locking Snap Hook
MYMFL-12/6FT	Aluminum Twist-Lock Carabiner	Alum. Locking Snap Hook

MILLER BY HONEYWELL

Fall Protection System

100% Tie-off

Twin Turbo™

- Adapts two (2) lightweight Miller TurboLite™ Personal Fall Limiters (PFLs) for continuous 100% tie-off fall protection
- Replacement for double-legged shock-absorbing lanyards
- Innovative design that easily connects to the back D-ring of any fall protection harness; increases worker productivity and versatility with freedom of movement
- The swivel action prevents webbing from twisting and binding inside of the unit; webbing payout smoothly extends/retracts without interruption
- Easy-to-use and assemble/disassemble; adapts to most Miller TurboLite™ PFL models

Item #	Description
MYMFLB	Twin Turbo D-Ring Connector

MILLER by Honeywell

MILLER BY HONEYWELL

Rope Grabs

- Compact design; corrosion-resistant stainless steel construction
- Lightweight and easy to use

Materials:

- Rope Grabs: Stainless Steel
- Rope Lanyard: 5/8” Synthetic Rope
- Web Lanyard: Polyester
- Snap Hook: Clear Zinc Chromate Plated Forged Alloy Steel Proof tested to 3,600 lbs.

Item #	Desc.
MY8174X	Stainless steel, manual rope grab for use with ⅝" or ¾" synthetic rope
MY8174MLS	8174 with attached 4' Manyard shock-absorbing lanyard with locking snap hook

MILLER BY HONEYWELL

Safety Lifelines

Rope:

- 5/8” nylon
- A standard four-tuck splice is hand-crafted on each end, the ends of the rope are seared to prevent fraying; the last splice is treated with a nylon-based stiffening agent to prevent the splice from unraveling

Thimbles:

- A round, black plastic thimble is used in each lanyard eye to protect the eye from wear

Technical:

- Max. Working Load: 310 lbs. (141 kg)
- Minimum Tensile: 5,000 lbs. (22kN)

Item #	Length (ft.)
MY195R-2-25	25
MY195R-2-50	50

MILLER BY HONEYWELL

Safety Lifelines

Materials:

- Rope: Polypropylene/Polyester
- Snap Hook: Clear Zinc Chromate Plated Forged Alloy Steel
- Proof tested to 3,600 lbs.

Technical:

- Rope Diameter: 5/8”
- Min. Tensile Strength: 5000 lbs.

Item #	Length (ft.)
MY300L-2	25
MY300L-5	50
MY300L-7	75
MY300L-10	100

MILLER BY HONEYWELL

Temporary Roof Anchor

- Roof anchors are for temporary anchorage connection
- Two reusable anchors with screws

Item #
MYRA20-1

MILLER BY HONEYWELL

Grip™ Concrete Anchor

- A safe anchor point is established when the anchor is inserted into a properly-sized, cured concrete hole
- The reusable anchor can be removed and simply re-installed in a new location
- Designed for vertical or overhead/ceiling surface applications
- Constructed of stainless steel, aluminum and other non-corrosive materials for a longer service life
- Designed for use in cured concrete with a compression strength of at least 3,000 psi
- Color-coded to differentiate fall protection from multi-use models per OSHA regulations
- The structure or substrate that this product is anchored to must be capable of supporting 5,000 lbs. (22.2 kN) per user attached; or be designed, installed and used, under the supervision of a qualified person, as part of a complete personal fall arrest system which maintains a safety factor of at least two

Item #	Description
MY496	5,000 lb. ultimate strength; for single user connection; 400 lbs. max capacity

MILLER BY HONEYWELL

Wire Hook Anchor

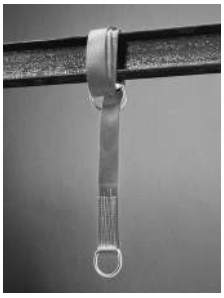
Stainless steel wire hook connects to various approved anchorages including railings, small I-beams, angle iron and scaffolding. Squeeze the spring-loaded hook and slip the large opening over the approved structure.

- Max. Capacity: 400 lbs. (181.4 kg)

Item #
MY470

MILLER BY HONEYWELL

Cross-Arm Anchorage Connector



- Web straps wrap around I-beams and other structures
- Attaches with 2” D-ring that slips through 3” D-ring to form secure attachment
- 6 ft. length
- 400 lbs. maximum capacity

Item #
MY8183

MILLER by Honeywell

MILLER BY HONEYWELL

Permanent Roof Anchor

- Ideal for new construction or as a retrofit on roofs with asphalt, shake or tile roofing materials
- Only the permanent D-ring(s)/anchor is exposed, providing a quick, safe fall arrest connection point(s)
- Stainless steel body construction, zinc-plated steel D-ring(s) resist corrosion for long service life
- Complete with 8, 16d nails

Item #
MYRA40

MILLER BY HONEYWELL

Cable Anchorage Connector

- Creates a quick and easy secure point of attachment; simply wrap the cable around an I-beam or other structure capable of withstanding 5,000 lbs. and connect the captive eye carabiner to the thimble at the opposite end of the cable
- Constructed of 1/4" vinyl-coated, galvanized wire rope, 6 ft. length
- Forged steel, auto-lock, captive eye carabiner with 1" gate opening
- Forged steel 3" O-ring

Item #
MY8187V

MILLER BY HONEYWELL

Carabiners

- Carabiners with spring loaded keepers are used as anchorage connectors; has a 1" gate opening and is plated to resist rust and corrosion
- 400 lb. maximum capacity

Item #
MY17D-1

MILLER BY HONEYWELL

Self-Retracting Lifeline with Retrieval Hoist

MightEvac®

- No annual factory recertification required
- Promotes quick and easy rescue with a 4:1 mechanical advantage
- 310 lb. weight capacity
- For emergency evacuation only
- Corrosion-resistant stainless steel/aluminum components
- Convenient, heavy-duty carrying handle
- 7 ft. tripod with mounting bracket
- Galvanized wire rope 3/16" x 50 ft.

Item #
MYMR50GC

MILLER BY HONEYWELL

Ladder Climbing Safety Systems

with Automatic Pass-Through

Vi-Go™

- Sleeves – Designed to follow the user along the lifeline while ascending or descending, instantly locking in the event of a fall
- Uninterrupted fall protection – Sleeve automatically bypasses intermediate cable guides, keeping both hands free for climbing; travels smoothly along cable and locks instantly in the event of a fall
- Easy, one-hand operation for attachment/detachment from the system
- Automatic pass-through cable guides secure lifeline to prevent cable wear and enable the system to accommodate curves
- Withstand Harsh Environments – Constructed with durable, corrosion-resistant aluminum and stainless steel components
- Attachment mechanism engineered to prevent incorrect installation, ensuring greater safety. Unit will not open if attached incorrectly
- Accommodates 5/16" or 3/8" cable

Item #	Length (ft.)	# of Cable Guides
MYVG/30FT	30	0
MYVG/50FT	50	1
MYVG/70FT	70	1
MYVG/110FT	110	2

GUARDIAN FALL PROTECTION

GUARDIAN FALL PROTECTION

Full Body Construction Harness

Seraph

- Shoulder pads
- Six points of adjustment
- Stretchability in the shoulder straps
- Cradle seat
- Quick adjust torso buckles
- Padded waist belt
- D-ring lanyard keepers double as retrieval hoists
- Impact indicator & inspection log tag
- Hammer loops
- Tongue buckle leg straps

Item #	Size
GU11170	M-L
GU11171	XL, w/side D-rings
GU11172	XL
GU11173	M-L, w/side D-rings

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

GUARDIAN FALL PROTECTION

Retractable Lifeline

30' Cable

- Compact and lightweight design; stainless steel and non corrosive components extend the life of the unit
- Durable aluminum housing; high strength composite cable guide
- Quick-action braking system; comes with swivel top, swivel snap hook and boot cover
- 3/16" x 30 ft. galvanized cable

Item #	Weight
GU10916	15.00

GUARDIAN FALL PROTECTION

Heavy-Duty Retractable Lifeline

Cable

Edge Series

- Designed to be used specifically for leading edge work
- Galvanized cable; light weight, compact and durable aluminum housing; stainless steel and non-corrosive components for longer life
- Swivel top and swivel snaphook allow free movement of cable; impact indicator on the snaphook; integrated shock absorber pack with removable cover for inspection
- Quick action braking mechanism limits fall forces to 900 lbs. or less
- Self-closing carabiner included for attachment to top of housing; self-locking snaphook reduces potential for rollout

Item #	Length (ft.)
GU10925	30
GU10927	50

GUARDIAN FALL PROTECTION

Retractable Lifeline

11' Web

- Ergonomic frame makes handling more comfortable; quick-action braking system
- No recertification required, considered a disposable unit

Specifications:

- Pawls: Machined 304 Stainless Steel
- Reel Body: Glass reinforced nylon
- Brake Ring & Brake Body: Machined 304 Stainless Steel
- Anchorage Connection: Zinc plated alloy steel carabineer (5,000 min. tensile strength)
- Snap Hook: Zinc plated alloy steel snap hook (5,000 min. tensile strength)
- Housing: High strength aluminum; Webbing – Nylon: 1" x 11 ft.
- Weight: Less than 4 lbs.; Capacity: 310 lbs.
- Max. Arresting Force: 900 lbs.; Max. Arresting Distance: 42"
- Average Locking Speed: 4-1/2 ft/sec

Item #
GU10900

GUARDIAN FALL PROTECTION

Cable Retractable Lifeline

50'

Edge Series

- Corrosion-resistant stainless steel and aluminum components
- Dual braking mechanism operates quickly, arresting a fall within two feet while giving flexibility for use
- Dual-swivel design allows for greater mobility while keeping the lifeline in good working condition
- Simple design allows for quick inspection and turn around
- Each retractable includes a steel twist-lock carabiner and tagline
- Limited nuisance lock up
- 3/16" x 50' galvanized cable with swivel top and swivel snap hook

Item #
GU10917

GUARDIAN FALL PROTECTION

Retractable Lifeline

Cable

Aardvark

- Spring Loaded Absorber: The spring loaded absorber limits the redundant locking up of the retractable, saving costly repairs, and making it easier to use
- Steel Framed Housing: The steel plate insert molded into the ultra lightweight housing provides added strength and durability to the retractable
- Triple Locking Device: New pawl design creates backup safety features so that the retractable will lock up well within ANSI guidelines

Item #	Length (ft.)
GU10989	16
GU10985	25
GU10987	50

GUARDIAN FALL PROTECTION

Shock Absorbing Lanyards

- 1" x 6 ft. nylon webbing is light and durable
- Clear shock absorber pack for easy inspection
- Easy to use self double locking rebar hooks

Item #
GU01231

GUARDIAN FALL PROTECTION

Tool Lanyard

- Helps reduce falling object related injuries
- Securely attach tools to wrist or tool belt
- Two connection options for ease and versatility
- With mini carabiner

Item #
GU10726

GUARDIAN FALL PROTECTION

Horizontal Rope Lifeline System

- Two person temporary reusable system for fall arrest
- 5/8” braided polyester rope
- Rope tensioner
- Two anchorage web slings; Two self-locking carabiners
- Two O-rings
- Storage bag

Item #	Length
GU04625	30
GU04628	60
GU04630	100

GUARDIAN FALL PROTECTION

Fall Protection Kits

Bucket of Safe-Tie

Includes:

- Universal harness with 5 points of adjustment for added comfort
- 50’ Vertical Lifeline Assembly with Shock Pack, and permanently attached Positioning Device with 18" lanyard extension to keep device within reach
- 1 HD Temper Reusable Anchor

Item #
GU00815

GUARDIAN FALL PROTECTION

3-Way Rescue Retrieval Retractable Lifeline

- Easy handle feature allows for quick adjustment
- High-quality machined parts make the product durable and dependable
- Proprietary design of internal mechanisms
- Capacity: 310 lbs.
- Max. Arresting Force: 900 lbs.; Max. Arresting Distance: 42”
- Average Locking Speed: 4-1/2 ft./sec.

Item #
GU10974

GUARDIAN FALL PROTECTION

Concrete Anchor Strap

- As a disposable anchor point, can be used in other applications such as wood framing members, rebar, pipe racking, etc.
- As always, make sure that your anchor strap is attached to a structure capable of supporting 5,000 lbs.
- 6 ft. long

Item #
GU10717

GUARDIAN FALL PROTECTION

Arc-O-Pod Rescue & Retrieval Kit

- 7 ft. aluminum tripod is lightweight and portable
- Adjustable locking legs adjust quickly in increments of 2" and are kept in position with locking push pins - and will span a 5-1/2 ft. diameter hole
- Complete with safety chain to prevent movement and safety shoes that incorporate a rubber sole for flat surfaces and spiked edges for slippery surfaces
- Heat-treated cast aluminum head incorporates a built-in pulley system to rout lifeline of mechanical device directly over opening; also equipped with drop-forged steel eyebolts for use as anchorage point for secondary or back-up system
- Complete with quick-mount bracket for attachment of Guardian 3-Way mechanical device for ease of use
- Rated working load is 350 lbs. for work support and 310 lbs. for fall arrest and can withstand up to 5,000 lbs. of vertical pull
- Comes with bag, bracket, pulley, chains

Item #
GU15030

GUARDIAN FALL PROTECTION

Standing Seam Roof Clamp

- Designed for use with retractable lifelines; 10" x 12" base plate with 7-1/2" post
- Reusable temporary anchor point; mounts to flat wood or metal roofs
- Fits most retractable lifelines up to 50'; allows retractable to rotate 360 degrees

Item #
GU00250

GUARDIAN FALL PROTECTION

Concrete Grip Anchor

- Designed for use in cured concrete with a compression strength of at least 3000 psi
- Reusable, temporary; installation is easy, just compress spring and insert cable shaft into hole
- Great for anchoring scaffolding; for use on vertical, or overhead applications
- 3/4" hold diameter, 3" deep minimum; 5,000 lbs. capacity
- Designed for single user connection

Item #
GU00235

GUARDIAN FALL PROTECTION

Beam Anchor

Beamer™ 2000

- Designed specifically for use at your feet and overhead
- Nylon bushings provide smooth movement along beam & act as an impact indicator in the event of a fall
- Fits 3.5" - 14" beams
- Weather-resistant
- Reusable and extremely durable
- Ratcheting end piece
- Lightweight
- Slides easily in both directions
- Welding spatter does not stick to aluminum bar
- No tools are needed for fast installation
- Precision machined aluminum bar
- One handed operation

Item #
GU00101

GUARDIAN FALL PROTECTION

Permanent Roof Anchor

Skyhook

- Patented permanent anchor point for
-Wood; 3/4" cdx plywood or better
-Metal; 20 gauge or thicker
- Powder-coated for a durable weather proof finish
- Wood/metal fasteners provided
- Perfect for use with our cable horizontal lifeline system
- Skyhook Swivel Top can mount on top of Skyhook

Item #	Pitch
GU00300	Flat
GU00320	4/12 - 6/12
GU00340	10/12 - 12/12

GUARDIAN FALL PROTECTION

Permanent Roof Anchor

CB-12 & CB-18

- Universal base plate
- Durable galvanized finish
- Fasteners provided for wood & steel
- For use on wood, steel or concrete
- Post extends past roofing substrate to keep attachment point high enough that it is still accessible after the roof is complete
- Round post works with most off-the-shelf flashing kits
- Great for use with retractable or horizontal lifeline systems

Item #	Size
GU00645	12” post
GU00656	18” post

GUARDIAN FALL PROTECTION

Ladder Extension System

Safe-T Ladder™

Designed to attach over the top of the ladder and provide a safe and easy transition from the ladder to a second surface; requires no tools, drilling or bolting to hold it securely in place; once installed, the unit provides two offsetting handrails that can be used to walk through and step on or off the ladder

- Simple to use knob, tightens by hand without scratching or damaging ladder
- Safety latch prevents unit from slipping off ladder; cushioned bumper pads help to protect the eaves of the roof
- Added hand grips for safe and easy use

Item #
GU10800

GUARDIAN FALL PROTECTION

Basemate Ladder Stabilizer

- Cuts the risk of falls by allowing ladders to remain stable on uneven ground
- Easily attaches to the bottom of any standard ladder
- Wide base gives added support/stability to extension ladders
- Made of hardened steel; Weight tested to 1,200 lbs.
- Patented triple action locking system with one foot operation (patented design)
- Installation to most fiberglass, aluminum and wood extension ladders (12” to 20” rung width)
- Adds less than 12 lbs. to the base of the ladder

Item #
GU02475

GUARDIAN FALL PROTECTION

Swivel Anchor Point

The MEGA Swivel incorporates a custom design to its components to give it’s incredible strength. The D-Ring used a heavy gauge heat treated steel, Reinforced Bridge and Locking Caps. The Locking Caps slot into the Swivel Housing preventing the D-Ring from spreading outwards during heavy loads. The Bridge keeps the D-Ring from collapsing. The Swivel Housing allows the D-Ring to flip back and forth as wells rotate at 360 degrees.

Specifications:

- Safe working load: 2,000 lbs; ultimate breaking strength: 10,000 lbs
- Material: Drop forged alloy steel
- Hardware for concrete: Custom designed bolt (3,000 psi); Hardware for steel: 5/8” grade 8 bolt, lock washer & nut
- Rates for 4 men HLL systems
- Rotates 360° degrees; flips 180° degrees
- Used for steel flanges or concrete substrate

Item #	Base Material
GU0237	Steel
GU0238	Concrete

Honeywell

HONEYWELL

Biosystems TOXILTD®

Single-Sensor Gas Monitors

ToxiLtd is a 2-Year Disposable Single-Sensor Gas Monitor with features such as optional continuous real-time gas readings, top and front high intensity LED visual alarm light, event logger and a calibration reminder.

- Inquire about Optional docking station

Item #	Description
BIO54-44-01	CO
BIO54-44-02	H2S

HONEYWELL

Biosystems MULTIPRO™

Confined Space Gas Detector

The MultiPro is the smallest and easiest to use confined space gas detector offered by Honeywell Analytics. It offer real time readings of up to 4 gases simultaneously, one-button operation including calibration, an easy to read LCD display, audible, visible and optional vibrating alarms, standard event logger and black box data logger, an IrDA port for easy communication with a PC, and an optional sample draw pump.

Sensors and Calibration:

- Three sensors; O2, LEL and CO, H2S or combined CO/H2S sensor
- User replaceable sensors
- One button auto calibration
- Calibration due reminder
- Sensor span reserve indicators during calibration for predictive maintenance

Item #	Desc.
BIO54-48-300	LEL/O2
BIO54-48-301	LEL/O2/CO
BIO54-48-302	LEL/O2/H2S
BIO54-48-314	LEL/O2/Duo-Tox (CO/H2S)

HONEYWELL

Biosystems MultiPro Remote Accessories

Continuous Sample Pump

- Continuous sample pump for MultiPro
- Includes 10' of sample tubing and sample probe assembly

Item #
BIO54-49-102

HONEYWELL

Biosystems PHD6™

Multi-Sensor Gas Detector

The PHD6 is the most configurable gas detector made with 5 sensor ports, up to 6 channels of detection, and over 16 sensor options including electrochemical, LEL, PID and Infrared.

- 5 Sensor Ports and 16 Sensor Options: With 16 sensor choices, including PID, IR-CO2, IR-CH4, conventional LEL, oxygen and 11 different toxic gas sensors including Duo-Tox, the PHD6 can be configured for just about any use
- PID Sensor Option: PID sensor monitors for hundreds of known VOCs
- IR CO2 Sensor Option: For breweries, wineries and anywhere accumulations of CO2 can be an issue
- Electrochemical Sensor Option: Choose from 11 different electrochemical toxic gas sensors
- LEL Sensor option: A catalytic hot-bead LEL sensor is available for the detection of combustible gases and vapors
- IR CH4 Sensor Option: Poison-proof technology for use in situations where a conventional LEL sensor can fail
- Interchangeable Battery Packs: Both Li-Ion and Alkaline battery packs offer up to 24 hour run times
- IQ Dock Compatibility: Reduce labor costs, automate record keeping and save calibration gas all at the same time with the IQ6 Dock

Suffixes:

- Battery Type: A (Alkaline instrument only) N (Rechargable (Li-Ion) instrument only)
- Calibration Kit (Optional): V (Value pack; includes small cylinder of calibration gas, regulator and foam-lined hardshell carrying case, alkaline only) C (Complete kit; includes large cylinder(s) of calibration gas, regulator and waterproof, foam-lined hardshell carrying case)
- Select Upgrades (Optional): D (datalogging upgrade) Y (vibrating alarm upgrade) W (datalogging and vibrating alarm upgrade)

FOR ADDITIONAL CONFIGURATIONS CALL EDGE

Item #	Description
BIO54-53-A01028000	O2/CO/H2S/LEL
BIO54-53-A1025080	O2/CO/H2S/IR0CO2/LEL
BIO54-53-A01025100	O2/CO/H2S/IR-CH4
BIO54-53-A1025280	O2/CO/H2S/LEL/PID
BIO54-53-A02198000	O2/H2S/CO-H/LEL
BIO54-53-A02195080	O2/H2S/CO-H/IR-CO2/LEL
BIO54-53-A02195100	O2/H2S/CO-H/IR-CH4
BIO54-53-A02195280	O2/H2S/CO-H/LEL/PID
BIO54-53-A14008000	O2/Duo-Tox(CO/H2S)/LEL
BIO54-53-A14005080	O2/Duo-Tox(CO/H2S)/IR-CO2/LEL
BIO54-53-A14005100	O2/Duo-Tox(CO/H2S)/IR-CH4
BIO54-53-A14005280	O2/Duo-Tox(CO/H2S)/LEL/PID
BIO54-53-A03148000	O2/SO2/Duo-Tox(CO/H2S)/LEL
BIO54-53-A06148000	O2/NO/Duo-Tox(CO/H2S)/LEL
BIO54-53-A09148000	O2/NO2/Duo-Tox(CO/H2S)/LEL
BIO54-53-A10148000	O2/HCN/Duo-Tox(CO/H2S)/LEL
BIO54-53-A14158000	O2/SO2(Ext. Range)/Duo-Tox(CO/H2S)/LEL
BIO54-53-A14188000	02/Duo-Tox(CO/H2S)/CL2(Specific)/LEL
BIO54-53-A14218000	O2/Duo-Tox(CO/H2S)/NH3/LEL
BIO54-53-A03148000	O2/SO2/Duo-Tox(CO/H2S)/LEL

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Honeywell

HONEYWELL

Biosystems Automatic Docking Stations

Automatic docks will be the nerve center of your gas detection program. Simply place an instrument into the dock. These docks automatically bump test each instrument, automatically download detector event and maintenance data, automatically check each detector for more than 12 different performance functions, automatically run a full calibration if the unit requires it…then automatically make all of that data available to you…in clear, easy-to-read reports.

Dock Software:

- There are 2 software programs available for PC interface

Docking Station Software:

- Allows you to easily customize the instrument's settings
- Configures dock options including calibration gas set-up
- Provides docking station live bump and calibration testing status

Database Management Software:

- Allows you to access and manage the data for all instruments in your database

Item #	Description
IQ Express™ Automatic Docking Stations for ToxiPro/Ltd/3Ltd Gas Monitors	
BIO54-46-9000	Docking Station, stand alone or USB set up, standard version (for O2, CO or H2S)
BIO54-46-9100	Docking Station, stand alone or USB set up, enhanced version (for O2, CO, H2S, SO2, Cl2, NO2, NH3, HCN or PH3)
BIO54-46-9000N	Docking Station, Ethernet-ready standard version (for O2, CO or H2S)
BIO54-46-9100N	Docking station, Ethernet-ready enhanced version (for O2, CO, H2S, Cl2, NO2, NH3, HCN or PH3)
MultiPro IQ Express™ Automatic Docking Stations for MultiPro Multi-Gas Monitor	
BIO54-49-9000	Docking station, stand alone or USB setup
BIO54-49-9000N	Docking station Ethernet-ready
IQ6™ Automatic Docking Stations for PHD6 Multi-Gas Monitor	
BIO54-54-9200	2-ports, * stand alone or USB set up
BIO54-54-9200N	2-ports, * Ethernet-ready
BIO54-54-9400	4-ports, ** stand alone or USB set up
BIO54-54-9400N	4-ports, ** Ethernet-ready

**** 2-port version recommended for standard CO, O2, H2S and LEL sensors configuration***

***** 4-port version recommended for units with IR sensor, PID sensor or non-standard configuration***

JACKSON

KIMBERLY CLARK

Hard Hats

BlockHead™

Jackson Safety

- Meets ANSI Z89.1 Type 1, Class C, G, and E
- Full 360 degree brim adds protection from natures elements
- High Density Polyethylene (HDPE) - 16.3 oz.; 8 pt. ratchet suspension

Item #	Color
JS3014874	White

KIMBERLY CLARK

Hard Hats

Charger™

Jackson Safety

- Meets ANSI Z89.1 Type 1, Class C, G and E
- High Density Polyethlene (HDPE) - 13.5 oz.
- Contoured dome maximizes protection; 4 pt. ratchet suspension

Item #	Color
JS3013372	Neon-Pink

KIMBERLY CLARK

Hard Hats

Sentry III™

Jackson Safety

- High Density Polyethlene (HDPE) - 12.5 oz.
- 6 pt. ratchet suspensions offer two additional points of impact absorbance
- Can be printed with private label/logo

Item #	Color
JS3000061	Yellow
JS3000064	White
JS3000067	Gray
JS3000070	Green
JS3000072	Blue
JS3000075	Red
JS3000078	Orange
JS3000085	HI-Viz Orange

JACKSON

KIMBERLY CLARK

Bump Caps

Jackson Safety

- For work situations that do not require ANSI hard hat protection
- Molded from high-density polyethylene for lightweight comfort

Item #	Color
JS3001937	White
JS3001938	Dark Green
JS3001939	Dark Blue
JS3001941	Red

KIMBERLY CLARK

Nylon Brackets

Huntsmen A-5500SN

Jackson Safety

- Dielectric
- Fits most safety caps without slots
- Heavy-duty rubber cord holds bracket in place

Item # JS3000447

KIMBERLY CLARK

Faceshield Bracket

Huntsmen A-5500X

Jackson Safety

- Lightweight 100% nylon bracket
- For slotted cap, pivots up and secures in 3 different positions

Item # JS3000448

KIMBERLY CLARK

Winter Liner

225 Plus

Jackson Safety

- Three layers of thick foam under a blue 100% quilted nylon shell

Item # JS3000442

KIMBERLY CLARK

Winter Liner

Windjammer™ IV

Jackson Safety

- Silver with black fastener straps and elastic border stitching

Item # JS3005346

KIMBERLY CLARK

Winter Liner

AA-7 Windgard™

Jackson Safety

- Knitted tube cap style traps warmth and prevents moisture build-up, keeps wind out
- Flame retardant treated polyester - Navy blue color

Item # JS3000434

KIMBERLY CLARK

Winter Liner

AA-8 Windgard™

Jackson Safety

- Knitted tube hat style for 360 degree brim hats - Red color
- Warmth for temps 32º to 0º F (0º to -20ºC)

Item # JS3000436

KIMBERLY CLARK

Winter Liner

400

Jackson Safety

- Full head and neck coverage with extra-long nape and wrap-around collar
- 100% cotton, denim exterior; Thick, sherpa lining for maximum warmth

Item # JS3000441

KIMBERLY CLARK

Pinlock Suspension

Jackson Safety

- Replacement 6 pt. pinlock suspension for Sentry III

Item # JS3000094

KIMBERLY CLARK

Ratchet Suspension

Jackson Safety

- Replacement 6 pt. ratchet suspension for Sentry III

Item # JS3000095

KIMBERLY CLARK

Ratchet Suspension

Jackson Safety

- Replacement 8 pt. ratchet suspension for Blockhead

Item # JS3014879

KIMBERLY CLARK

Drybrow Sweatbands

Jackson Safety

- Keep cool and prevent perspiration from running into your eyes

Item #	Desc.
JS3005334	AA-100 Elastic Band
JS3305336	AA-102 Clip-on

KIMBERLY CLARK

Replacement Sweatbands

Jackson Safety

- Replacement sweatband for hats and caps
- Made of a Coolmax® terry cloth material to wick away user's perspiration for comfort
- Sweatband only (hat not included)

Item # JS3000105

MSA

MINE SAFETY APPLIANCES CO.

Protective Caps

Skullgard®

- Skullgard® caps feature heavy-duty construction for use in steel mills and other heavy industries
- Skullgard® caps meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1 1997, class G (electrical—low voltage) (formerly class A)

Item #	Color	Style
MIN475395	Natural Tan	Cap
MIN475407	Natural Tan	Hat

Fas-Trac Suspension For Above

MIN473334

MINE SAFETY APPLIANCES CO.

Safety Caps

V-Gard®

- 4-point Fas-Trac® polyethylene shell and suspension
- The rigid shell is lightweight and balanced for all-day wearing comfort
- The shell is one-piece injection-molded of high-density polyethylene and has high dielectric strength

Item #	Color
MIN475358	White
MIN475359	Blue
MIN475360	Yellow
MIN475361	Orange
MIN475362	Green
MIN475363	Red

MINE SAFETY APPLIANCES CO.

Vented Safety Caps

V-Gard® Advance®

- Cooling vents for improved air circulation
- Lightweight design for added comfort
- Lateral contours above the ear for easy integration of hearing protection
- 4-point Fas-Trac® suspension
- Glaregard™ under brim to reduce reflective glare

Item #	Color
MIN10034018	White

MINE SAFETY APPLIANCES CO.

Terri-Band Sweatbands

- Custom design fits all MSA helmets; washable and has plastic snaps
- 10 per package

Item #
MIN696688

JACKSON

KIMBERLY CLARK

Safety Glasses

Nemesis™

Jackson Safety

- Sleek, sporty style; soft touch temples
- Lightweight construction; single lens wrap-around protection

Item #	Lens Color	Frame Color
JS3000354	Clear	Black
JS3000356	Smoke	Black
JS3000357	I/O Lens	Black
JS3000358	Blue Mirror	Black
JS3000359	Amber	Black
JS3011375	Copper	Camo
JS3020706	Clear	Camo
JS3020707	Smoke	Camo
JS3020708	Amber	Camo
JS3020709	Smoke	Inferno Red

KIMBERLY CLARK

Safety Glasses

30-06 Readers

Jackson Safety

- Polycarbonate lenses
- Base curve 7

Item #	Frame/Lens Color	Diopter Strength
JS3011712	Tortoise/Brown	+1.5
JS3011713	Tortoise/Brown	+2.0
JS3011717	Black/Clear	+1.5
JS3011718	Black/Clear	+2.0
JS3011719	Black/Clear	+2.5

KIMBERLY CLARK

Safety Glasses

Element™

Jackson Safety

- Lightweight design; universal nose bridge for comfort
- Base Curve 9.5; high impact and 99.9% UV protection

Item #	Lens Color	Frame Color
JS3004880	Clear	Black
JS3004882	Smoke	Black

JACKSON

KIMBERLY CLARK

Safety Glasses

HellRaiser™
Jackson Safety

- Steamlined, sunglass styling; extreme lightweight design
- High performance polycarbonate lens; flex point temples for comfort and stability
- Base Curve 8

Item #	Lens Color
JS3013851	Clear
JS3013854	Smoke
JS3013856	I/O
JS3013858	Blue Mirror

KIMBERLY CLARK

Safety Glasses

Platinum X™
Jackson Safety

- Gunmetal X-frame makes the eyewear flexible with a secure fit
- Scratch-resistant polycarbonate wraparound lens, 8-base curve and 99.9% UV protection
- Hinge stops to help to prevent lens damage while the contoured, soft-touch rubber temples allow for all-day comfort

Item #	Lens Color
JS3023031	Clear
JS3023032	Smoke
JS3023033	Indoor/Outdoor
JS3023034	Amber

KIMBERLY CLARK

Safety Goggles

MonoGoggle® 202 Series
Jackson Safety

- Chemical splash goggle; .060 polycarbonate lens

Item #
JS3005052

KIMBERLY CLARK

Headgear

Model K
Jackson Safety

- Soft, absorbent wrap-around foam cushioned sweatband gently hugs the natural shape of the head
- High performance ratchet; crown assembly pivots up; low-riding nape strap for firm fit
- Faceshield window not included

Item #
JS3000001

KIMBERLY CLARK

Faceshields

Jackson Safety

- Polycarbonate: Optical-grade thick polycarbonate from extruded sheet or injection molded resin provide superior secondary impact protection and increased scratch resistance
- Petg: Provides quality impact protection at an economical price. Ideal for any worker who needs light impact protection and is not exposed to high heat applications, offers good scratch resistance and distortion free optics

Item #	Size (in.)	Color	Type
JS3005399	8 x 15.5	Clear	PETG
JS3005379	8 x 15.5	Dark Green	Polycarbonate
JS3005378	8 x 15.5	Clear	Polycarbonate
JS3005371	8 x 15.5	Clear	Polycarbonate

UVEX by Honeywell

UVEX BY HONEYWELL

Safety Glasses

Bandit™
Uvex

- Wrap-around frame has a dual lens look, but is actually a single lens with molded-in sideshields and brow guards for complete protection and excellent visibility
- Sleek sporty design; great fit with adjustable spatula temples
- Providing 99.9% UV protection
- Uvextreme® AF (XTR), the revolutionary new anti-fog, anti-static, anti-scratch and anti-UV coating

Item #	Lens Tint & Coating
Black Frame	
UVS1603	Espresso UD
Slate Blue Frame	
UVS1620X	Clear XTR
UVS1624	Mirror UD
Replacement Lenses	
UVS6310X	Clear XTR
UVS6311	Amber UD
UVS6312	Espresso UD
UVS6313	Mirror UD
UVS6314	SCT-Reflect 50 UD

UVEX BY HONEYWELL

Safety Glasses

Genesis®

Uvex

- Patented dual 9-base wrap-around lens
- Soft elastomer browguard; three position ratchet lens inclination
- Ventilation channel between frame and lens
- Lens design follows cheekbone contour; soft, flexible "fingers" bridge adjusts to nasal profiles
- Meets military Vo ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Lens Tint & Coating
Black Frame	
UVS3200X	Clear XTR
UVS3201X	Espresso XTR
UVS3202	Amber UD
UVS3203	Mirror UD
UVS3204	SCT-Reflect 50 UD
Replacement Lenses	
UVS6900X	Clear XTR
UVS6901X	Espresso XTR
UVS6902	Amber UD
UVS6903	Mirror UD
UVS6904	SCT-Reflect 50 UD

UVEX BY HONEYWELL

Safety Glasses

Astrospec® OTG 3001

Uvex

- Large enough to fit over most prescription spectacles yet light weight
- Patented Duoflex™ temples; adjustable temple length
- Patented lens inclination system
- Single-piece panoramic lens; unique lens replacement system
- Impact resistant polycarbonate lenses block 99.9% of UV rays
- Meets military Vo ballistic test for impact
- Meets ANSI Z87+ (High Impact) and is certified to CSA Z94.3 standards

Item #	Lens Tint & Coating
UVS2500C	Clear XTR
UVS2504C	Gray XTR
Replacement Lenses	
UVS561	Clear XTR
UVS562C	Gray XTR

UVEX BY HONEYWELL

Stealth® Goggles

Uvex

- The easiest lens replacement system
- Exclusive Uvextreme® AF lens coating provides anti-fog, anti-scratch, anti-static, and anti-UV protection
- Unique toric lens design offers a close fit, superior optics, and dramatically improved peripheral vision
- Elastomer seal stays amazingly soft, pliable, and comfortable for the life of the frame

Item #	Lens Tint & Coating
UVS3960C	Clear XTR
Replacement Lenses	
UVS700C	Clear XTR

UVEX BY HONEYWELL

Eyewear Hang Cords

Uvex

- Black universal neck cord
- Provide convenient access to safety eyewear and encourage greater compliance

Item #
UVS501

UVEX BY HONEYWELL

Eyewear Pouch

Uvex

- Nylon drawstring pouch fits most Uvex eyewear to protect lenses from scratches and abrasion

Item #
UVS487

UVEX BY HONEYWELL

Lens Cleaner Towelettes

Uvex

- Handy pocket size towelettes, pre-moistened with Uvex Clear® lens cleaning solution, are ideal for anti-fog coatings and scratch-resistant coatings
- Does not contain silicone
- 100 per box

Item #
UVS468

UVEX BY HONEYWELL

Fog Eliminator Cloths

Uvex

- Formulated to effectively protect lenses from all types of fogging caused by cold, high humidity or sudden temperature changes; safe for all surfaces, including polycarbonate and glass
- Streak and film free, alcohol and silicone free; non-flammable and non-toxic
- Each cloth provides multiple applications; 100 per box

Item #
UVS477

EDGE EYEWEAR

Dakura Safety Glasses

Polarized

- Black frames wraparound design
- Provide 99.9% protection from UVA, UVB and UVC rays
- High Velocity Impact Resistant - .25" steel ball at 150 ft/s (ANSI); High Mass Impact Resistant - 17.6 oz. projectile from 50" drop

Item #	Lens
EDTSM212	Yellow
EDTSM215	Copper
EDTSM216	Smoke
EDTSMAP218	Aqua Precision Blue Mirror
EDTSM21-G15-7	Silver Mirror

EDGE EYEWEAR

Kazbek Safety Glasses

Polarized

- Black frames wraparound design
- Provide 99.9% protection from UVA, UVB and UVC rays
- High Velocity Impact Resistant - .25" steel ball at 150 ft/s (ANSI); High Mass Impact Resistant - 17.6 oz. projectile from 50" drop

Item #	Lens
EDTSK215	Copper
EDTSK216	Smoke
EDTSKAP218	Aqua Precision Blue Mirror
EDTSK21-G15-7	Silver Mirror

EDGE EYEWEAR

Khor Safety Glasses

Polarized

- Sleek wrap-around frame; no side shield distortion
- Provide 99.9% protection from UVA, UVB and UVC rays
- High Velocity Impact Resistant - .25” steel ball at 150 ft/s (ANSI); High Mass Impact Resistant - 17.6 oz. projectile from 50” drop

Item #	Lens
EDTSDK215	Copper

EDGE EYEWEAR

Reclus Safety Glasses

Polarized

- Black frames wraparound design
- Provide 99.9% protection from UVA, UVB and UVC rays
- High Velocity Impact Resistant - .25" steel ball at 150 ft/s (ANSI); High Mass Impact Resistant - 17.6 oz. projectile from 50" drop

Item #	Lens
EDTSRG216	Gradient

EDGE EYEWEAR

Leash Nylon Cord

- Holds the glasses firmly in place while allowing you to hang them from your neck

Item #
ED9701

EDGE EYEWEAR

Leash Floater Cord

- Holds the glasses firmly in place while allowing you to hang them from your neck

Item #
ED9705

HOWARD LEIGHT BY HONEYWELL

Disposable Foam Earplugs

Multi Max®

Howard Leight

- Uniquely designed two-size-in-one earplug - you have the choice of which tip fits and works best and is most comfortable for you
- Combines high ratings with convenient size flexibility-works for easy inventory
- Smooth, soil-resistant skin features
- Noise reduction rating NRR 31dB
- High-visibility colors, packed in poly bags; 200 pair per box

Item #
HLMM-1

HOWARD LEIGHT BY HONEYWELL

Reusable Earplugs

AirSoft®

Howard Leight

- Advanced air pocket design features internal noise-blocking fins
- Four-flange profile creates better seal in the ear canal
- Less pressure in the ear canal eliminates that “plugged up” feeling
- Rounded flanges, tapered shape fits better in the ear canal; firm stem facilitates easy insertion and removal
- Outstanding noise-blocking protection – highest attenuation in multiple-use

Item #	Desc.	Qty/Box
HLDPAS-1	Uncorded	200 pr
HLDPAS-30R	Corded	100 pr

HOWARD LEIGHT BY HONEYWELL

Reusable Foam Earplugs

Quiet®

Howard Leight

- Features a built-in flexible foam stem which allows wearer to adjust plug for a comfortable fit
- Self-adjusting soft foam eliminates waiting for plug expansion
- Pre-shaped for form fitting protection and exceptional comfort, flared ends makes removal easy
- Washes with soap and water
- Each pair is packaged in convenient plastic reusable flip-top box
- NRR 26 dB
- 100 pair per box

Item #	Desc.
HLQD1	Uncorded
HLQD30	Corded

HOWARD LEIGHT BY HONEYWELL

Disposable Foam Earplugs

Max®

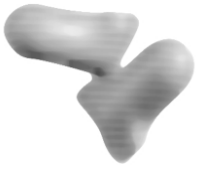
Howard Leight

- Compressible foam rolls up small for easy insertion; expands in ear canal for a custom fit
- Smooth surface for comfort and hygiene
- Preshaped and tapered; soil-resistant skin
- Bright orange-red color
- NRR 33dB

Item #	Desc.	Qty/Box
HLMAX-1	Uncorded	200 pr
HLMAX-30	Corded	100 pr

HOWARD LEIGHT BY HONEYWELL

Disposable Foam Earplugs



Max Lite®

Howard Leight

- Reduces noise and eliminates pressure on ear canal
- Smooth surface for comfort and hygiene
- Non-irritating, non-allergenic; preshaped and tapered
- Can be used by wearers with small ear canals; ends flared for easy removal
- Fluorescent green color
- NRR 30dB

Item #	Desc.	Qty/Box
HLLPF-1	Uncorded	200 pr
HLLPF-30	Corded	100 pr

HOWARD LEIGHT BY HONEYWELL

Hearing Bands

Howard Leight

- Smooth, ergonomic pods fit in the ear for maximum protection
- Patented band design prevents ear pods from touching dirty or contaminated surfaces
- Lightweight and portable – designed especially for environments with intermittent noise hazards
- Includes pair of replacement pods

Item #	Type	NRR Rating
HLQB1HYG	Inner Aural	27 dB
HLQB2HYG	Supra Aural	25 dB
HLQB3HYG	Semi Aural	23 dB
Replacement Pods		
HLQB100HYG	For QB1HYG	
HLQB200HYG	For QB2HYG	
HLQB300HYG	For QB3HYG	

HOWARD LEIGHT BY HONEYWELL

Noise Blocking Earmuffs

Howard Leight

Leightning®:

- Maximum protection from an earmuff
- Robust steel headband withstands demanding use
- Padded foam headband and super-soft ear cushions deliver long wearing comfort
- Contemporary design improves wearer compliance
- Telescoping height adjustment

Thunder®:

- Top of the line protection and comfort
- Non-deforming comfort headband fits all head sizes
- Ventilated inner headband and soft pads for maximum comfort
- Quick-Click height adjustment
- Dielectric design safe for electrical environments

Leightning and Thunder feature patented Air Flow Control(TM) technology that improves overall protection without increasing earcup size or weight

Item #	Desc.	Style
HL1010924	Leightning® L3/NRR30	Headband
HL1011997	Leightning® L2F/NRR27	Headband
HL1010970	Thunder® T3/NRR30	Cap Mounted
HL1011603	Thunder® NRR27 T3H	Folding

HOWARD LEIGHT by Honeywell

HOWARD LEIGHT BY HONEYWELL

Noise Blocking Earmuffs

QM24+® Earmuff

Howard Leight

- This 6 oz. dielectric muff is hard to beat during prolonged usage; the high visibility red cups and black band add style to an extremely functional earmuff
- Economical three-position usage, supplied with an adjustable crown strap for a secure fit when worn behind the head or under the chin
- NRR 25 dB when worn over or behind head

Item #
HLQM24+

MOLDEX

MOLDEX-METRIC

Ear Plugs

SparkPlugs®

- Uncorded foam earplugs
- NRR33
- 200 pair per box

Item #
MX6604

MOLDEX-METRIC

HandyStrap® Respirators

- HandyStrap® with buckle, allows mask to hang around neck when not in use
- Stretch cloth strap is comfortable against skin; soft foam nose flange for comfort
- Ventex® valve lets hot air out faster
- Size medium/large

Item #	Desc.
MX2600N95	N95 series without valve
MX2700N95	N95 series with valve
MX2800N95	N95 series plus nuisance organic vapors
MX2730N10	N100 series with valve

MOLDEX-METRIC

Disposable Respirators

- Easier to wear, have a pinch-free nose bridge; Dura-Mesh® shell protects the filter media, resists collapsing
- Four elastic straps securely attached
- Size: medium/large

Item #	Desc.
MX2200N95	N95 series without valve
MX2306N95	N95 series with valve

Honeywell

HONEYWELL

Half Mask Respirators

Survivair 2000 Series

- Unique sliding adjustment system on head harness, keeps loose straps secure and out of wearer's vision
- Durable silicone face piece: guaranteed to withstand five years of washings
- Easily convertible and compatible: This half mask converts easily to a belt-mounted Powered Air Purifying Respirator and its replaceable cartridges/filters are compatible with all Survivair half mask and full face piece air purifying respirators

Item #	Size
SRB250000	Small
SRB260000	Medium
SRB270000	Large

HONEYWELL

Half Mask Respirators

Survivair Blue 1™

- Dual flange protection with speaking diaphragm
- Made of comfortable, pliable silicone; the mask will not lose elasticity even in extreme hot or cold weather
- Economical solution for improving wearer communication
- Dual sealing flange provides excellent face piece seal for secure fit
- Easily convertible to Continuous Flow SAR without the aid of tools

Item #	Size
SR210010	Small
SR220010	Medium
SR230010	Large

HONEYWELL

Full Face Respirators

Survivair Opti-Fit™

- Comfortable, durable silicone skirt
- 5-strap suspension headgear
- Nose cup is a standard feature to prevent fogging
- Lens is replaceable and treated with an anti-scratch coating
- Molded in speaking diaphragm

Item #	Size
SR762000	Medium
SR772000	Large

Honeywell

HONEYWELL

Respirator Cartridges

- Accessories for S-Series respirators

Item #	Desc.
Cartridges	
SR100100	Organic Vapors (OV)
SR100200	Acid Gases (AG)
SR100844	Multi-Contaminant (MC)
Filters	
SR105014	P100 Particulate
SR119044	P100 Slimline
SR106010	N95 Organic Vapor
Accessories	
SR140105	P100 Slimline spark cover
SR140171	Filter Retainer
SRB140074	Filter Base

HONEYWELL

Cleaning Wipes

- Wipes do not affect the integrity of the respirator face piece
- Pre-moistened & disposable; reduces the hazard of contamination
- Box includes 100 individually packaged wipes

Item #
SR140096

MEMPHIS

MEMPHIS GLOVE

Work Gloves

- Cow leather, slip-on cuffs
- Keystone thumb; shirred elastic back
- Select grade

Item #	Size
MG3211-XS	X-Small
MG3211-S	Small
MG3211-M	Medium
MG3211-L	Large
MG3211-XL	X-Large
MG3211-XXL	XX-Large

MEMPHIS GLOVE

Work Gloves

- Cow leather gloves with cotton backs' Gunn pattern select split
- Double leather palm, fleece lining, shirred back
- 2-1/2" rubberized safety cuff

Item #	Size
MG1361	Large

MEMPHIS GLOVE

Work Gloves

Big Jake Series

- Cow leather gloves with cotton backs' Gunn pattern heavy select
- Side leather palm, 8 oz jersey lining, 9 oz. canvas back
- 2-3/4" rubberized cuff
- Sewn w/Kevlar

Item #	Size
MG1700L	Large
MG1700XL	Extra Large

MEMPHIS GLOVE

Work Gloves

Arctic Jack® Series

- Thinsulate® lining
- Grain pigskin

Item #	Desc.	Size
MG1965-L	2½" Safety Cuff	Large
MG1966-L	Knit wrist	3Large

MEMPHIS GLOVE

Insulated Driver's Gloves

- Premium grain pigskin Thinsulate® lined
- Keystone thumb

Item #	Size
MG3460-S	Small
MG3460-M	Medium
MG3460-L	Large
MG3460-XL	X-Large

MEMPHIS GLOVE

Deerskin Driver's Gloves

- Red jersey lined; self hemmed
- Keystone thumb; split deer back grain deer palm

Item #	Size
MG3555-M	Medium
MG3555-L	Large
MG3555-XL	X-Large

MEMPHIS

MEMPHIS GLOVE

Welder's Gloves

Bob Cat™

- Select side cow leather; Gunn pattern brown
- Straight thumb w/reinforcement; grey cuff w/flame-resistant cuff liner
- Sewn w/Kevlar

Item #	Size
MG4740	Large

MEMPHIS GLOVE

Cotton Gloves

- 8 oz. cotton canvas
- 2.5" knit wrist
- Straight thumb; clute pattern

Item #
MG8100C

MEMPHIS GLOVE

Cotton Gloves

Dotted Palm

- 8 oz. regular weight cotton canvas
- PVC dotted palm, index finger and thumb
- 2.5" knit wrist
- Straight thumb; clute pattern

Item #	Size
MG8802	Small
MG8808	Large

MEMPHIS GLOVE

String-Knit Gloves

- Cotton/Polyester blend; 7 gauge regular weight
- Natural color, hemmed

Item #	Size
MG9500XSM	Extra Small
MG9500MM	Medium
MG9500LM	Large

MEMPHIS GLOVE

String-Knit Gloves

Thermstat™

- Blue, 10 gauge, 100% thermostat
- One Size Fits All

Item #
MG9622

MEMPHIS GLOVE

Jersey Gloves

- Cotton brown jersey
- Knit wrist; straight thumb
- Clute cut
- 7100P - 100% cotton

Item #	Size
MG7102	Small
MG7100P	Large

MEMPHIS GLOVE

Powdered Vinyl Gloves

SensaGuard™

- Industrial Grade - Blue; 5 mil thickness
- Ambidextrous w/rolled cuffs
- Component materials comply with FDA regulations for food contact
- 100 gloves per dispenser

Item #	Size
MG5030-L	Large
MG5030-XL	X-Large

MEMPHIS GLOVE

Powder Free Latex Gloves

Med-Tech™

- 11 mil thickness
- Component materials comply with FDA regulations for food contact
- Ambidextrous w/rolled cuffs
- 12" Length
- 50 gloves per dispenser

Item #	Size
MG5049-L	Large

MEMPHIS GLOVE

PVC Gloves

- Double dipped black PVC
- Sandpaper finish

Item #	Size	Liner	Style
MG6100S	Large	Interlock	3" knit wrist
MG6212SJ	Large	Jersey	12" gauntlet

MEMPHIS GLOVE

PVC Gloves

- Double dipped red PVC
- Jersey liner, sandpaper finish
- 14" Gauntlet

Item #
MG6454S

MEMPHIS

MEMPHIS GLOVE

PVC Gloves

- Double dipped black PVC
- Jersey lining, rough finish
- 14” Gauntlet

Item #
MG6514SJ

MEMPHIS GLOVE

Latex Gloves

- 18 Mil blue canners
- Unlined, straight cuff

Item #	Size
MG5199B	10.5

MEMPHIS GLOVE

Latex Gloves

- 18 Mil yellow canners
- Unlined, straight cuff

Item #	Size
MG5199E	10.5

MEMPHIS GLOVE

Nitrile Gloves

Nitri-Chem

- 11 Mil thick
- Green nitrile gloves, unlined
- Straight cuff, pebble embossed grip

Item #	Size
MG5308	8 (Men’s Small
MG5309	9 (Men’s Large)
MG5310	10 (Men’s XL)

Honeywell

HONEYWELL

Perfect-Coat™

- 10 Cut, medium weight; outstanding abrasion resistance
- Gray cotton/polyester shell with blue natural rubber palm and fingertip coating

Item #	Size
PFG300PC-S	Small
PFG300PC-M	Medium
PFG300PC-L	Large
PFG300PC-XL	Extra Large

HONEYWELL

Pure Fit™ Gloves

- 13 Cut, lightweight white nylon shell with gray foamed nitrile palm coating; lightweight knit enhances ventilation to keep hands cool and dry
- Lightweight fibers provide superior tactile sensitivity for precision handling and delicate operations
- Filament yarn reduces linting and is easily laundered for extended use

Item #	Size
PFG390-S	Small
PFG390-M	Medium
PFG390-L	Large
PFG390-XL	Extra Large

HONEYWELL

Perfect-Coat0™

- Heavyweight light gray cotton/polyester napped knit shell with gray natural rubber palm and fingertip coating; outstanding abrasion resistance

Item #	Size
PFG451PC-S	Small
PFG451PC-M	Medium
PFG451PC-L	Large
PFG451PC-XL	Extra Large

HONEYWELL

Pure-Fit™

- 13 Cut, lightweight charcoal HPPE shell liner with gray polyurethane palm and fingertip coating
- Combination of HPPE fiber with nitrile palm coating offers increased cut resistance and superior abrasion resistance

Item #	Size
PFG541-L	Large
PFG541-XL	Extra Large

Ansell

ORS-NASCO

HyFlex®

Dyneema® and LYCRA® liner

- Relaxed, natural fit liner helps reduce hand fatigue
- Polyurethane coating and liner combination; improves tactile sensitivity
- Excellent grip in dry environments; effective control in minimally oily environments
- Cool and comfortable feeling; launderable, durable materials

Item #	Size
OR11-627-8	8
OR11-627-9	9
OR11-627-10	10
OR11-627-11	11

MAJESTIC GLOVE

Cut Resistant Gloves

- Dyneema continuous fiber
- 13 guage seamless knit
- White polyurethane palm coating
- Cut resistance equivalent to kevlar with ten times greater abrasion resistance

Item #	Size
MJ3435-M	Medium
MJ3435-L	Large
MJ3435-XL	Extra large

CUSTOM LEATHERCRAFT

Handyman™ Work Gloves

- Clarino® synthetic leather is tough, soft and comfortable to wear, resists shrinking, stretching and hardening
- Padded knuckles provide protection against bumps
- Lycra side panels for improved dexterity
- Padded palm for more comfort
- Elastic wrist cuff keeps debris out
- Reinforced fingertips for added durability

Item #	Size
CS125M	Medium
CS125L	Large
CS125XL	X-Large

CUSTOM LEATHERCRAFT

Boxer™ Work Gloves

- Clarino® synthetic leather is tough, soft and comfortable to wear, resists shrinking, stretching and hardening
- Padded knuckles provide protection against bumps
- Lycra side panels for improved dexterity
- Non-slip fourchette for reinforced extra grip on index and thumb fingers
- Elastic wrist cuff keeps debris out
- Tacky pattern on palm and fingers for a firm non-slip grip
- Terry cloth on thumbs to remove sweat or debris from face

Item #	Size
CS135M	Medium
CS135L	Large
CS135XL	X-Large

CUSTOM LEATHERCRAFT

Pro Framer™ Work Gloves

- Clarino® synthetic leather is tough, soft and comfortable to wear, resists shrinking, stretching and hardening
- Padded knuckles provide protection against bumps; textured grip palm pads for better grip, extra wear and added durability
- Wing closing strap for perfect adjustments and easy-on, easy-off; flexible neoprene wrist cuff keeps debris out
- Stretch spandex for flexibility and fit; Lycra side panels for improved dexterity
- Flex-Spot™ thumb design for better flexibility; terry cloth on thumbs to remove sweat or debris from face

Item #	Size
CS140M	Medium
CS140L	Large
CS140XL	X-Large

CUSTOM LEATHERCRAFT

Tradesman™ Work Gloves

- Clarino® synthetic leather is tough, soft and comfortable to wear, resists shrinking, stretching and hardening
- Padded knuckles provide protection against bumps; textured grip palm pads for better grip, extra wear and added durability
- Wing closing strap for perfect adjustments and easy-on, easy-off; flexible neoprene wrist cuff keeps debris out
- Stretch spandex for flexibility and fit; Lycra side panels for improved dexterity
- Flex-Spot™ thumb design for better flexibility; terry cloth on thumbs to remove sweat or debris from face

Item #	Size
CS145M	Medium
CS145L	Large
CS145XL	X-Large

CUSTOM LEATHERCRAFT

Safety Tradesman™ Work Gloves

Hi-Vis

- Wing closing wrist strap for perfect adjustments and easy-on, easy-off
- Clarino® synthetic leather palms, tough, soft and comfortable to wear, resists shrinking, stretching and hardening
- Textured grip palm pads for better grip, extra wear and durability; neoprene knuckle provides padding against bumps
- Flex-Spot™ thumb design for better flexibility; terry cloth on thumbs to remove sweat or debris from face
- Stretch Spandex for flexibility and fit; Lycra side panels for improved dexterity
- Safety orange with black and yellow accents

Item #	Size
CS147M	Medium
CS147L	Large
CS147XL	X-Large

CUSTOM LEATHERCRAFT

Storm™ Work Gloves

- Clarino® synthetic leather is tough, soft and comfortable to wear, resists shrinking, stretching and hardening
- Neoprene knuckles provide padding against bumps; Clarino® non-slip pads for tough grip, extra wear and added durability
- Hook and loop closure strap for comfort and protection from cold temperatures
- Stretch spandex with a Reissa® membrane coating is wind, rain and snow resistant; Lycra side panels for improved dexterity
- Terry cloth to remove sweat or debris from face

Item #	Size5
CS170M	Medium
CS170L	Large
CS170XL	X-Large

CUSTOM LEATHERCRAFT

Demolition™ Work Gloves

- Top grain leather palm; tough, soft, and comfortable
- Molded cap TPR knuckles provide padding against bumps
- Wing closing strap for perfect adjustments and easy-on, easy-off
- Sandwich mesh for breathable flexibility and fit; Spandex side panels for improved dexterity
- PU Carbon fiber palm pads for better grip and added durability; flexible neoprene wrist cuff keeps debris out
- Terry cloth to remove sweat or debris from face

Item #	Size
CS175M	Medium
CS175L	Large
CS175XL	X-Large

CUSTOM LEATHERCRAFT

Airflow™ Work Gloves

- Clarino® synthetic leather is tough, soft and comfortable to wear, resists shrinking, stretching and hardening
- Padded knuckle provide protection against bumps
- Wing closing strap for perfect adjustments and easy-on, easy-off
- Air mesh for maximum breathability, flexibility and fit; Lycra side panels for improved dexterity
- Sure Grip™ on palm and fingers for a firm non-slip grip; flexible neoprene wrist cuff keeps debris out
- Terry cloth to remove sweat or debris from face

Item #	Size
CS190M	Medium
CS190L	Large
CS190XL	X-Large

CUSTOM LEATHERCRAFT

Backcountry™ Work Gloves

Mossy Oak®

- Clarino® synthetic leather is tough, soft and comfortable to wear, resists shrinking, stretching and hardening
- Padded knuckles provide protection against bumps
- Wing closing strap for perfect adjustments and easy-on, easy-off
- Stretch spandex for flexibility and fit; Lycra side panels for improved dexterity
- Padded palm and fingers for more comfort; elastic wrist cuff keeps debris out

Item #	Size
CSM125M	Medium
CSM125L	Large
CSM125XL	X-Large

YAKTRAX®

Outdoor Performance Footcare

Traction Device

PRO

- High-strength, abrasion resistant 1.4 mm steel coils
- Heavy-duty natural rubber material
- Provides 360 degrees of traction on packed snow and ice and can be worn in temperatures as low as -41° Fahrenheit
- Easy On/Off
- Walk naturally
- Spikeless/Ultralight
- Helps reduce the risk of falls & injuries

Item #	Size	Womens	Mens
YA08009	Sml	5-8½	6½-10
YA08011	Med	9-11	10½-12½
YA08013	Lrg	11½-13½	13-15
YA08015	XL	14+	15½+

Keep your workforce safe. Try the Yaktrax on ice and snow.

JACKSON

KIMBERLY CLARK

Safety T-Shirts

Jackson Safety

- Chest pocket with continuous super bright silver retroreflective tape
- Ribbed collar & cuffs with a stitched hem for added comfort & durability; Polyester moisture management fabric wicks away excess moisture
- Meets ANSI/ISEA 107 - 2004 Class 2 standards

Item #	Size
Lime	
JS3012947	L
JS3012948	XL
JS3012949	2X
Orange	
JS3012943	L
JS3012944	XL
JS3012945	2X

KIMBERLY CLARK

Safety Vests

ESK Reflective

Jackson Safety

- Mesh fabric, one size fits most
- Elastic sides for easy fit, hook and loop closure

Item #	Desc.
JS3017589	Orange, 3/4" lime prismatic
JS3017593	Lime, 1½" orange on lime

KIMBERLY CLARK

Safety Vests

ESK Non-Reflective

Jackson Safety

- Mesh fabric, one size fits most
- Elastic sides for easy fit, hook and loop closure

Item #	Color
JS3017585	Orange
JS3017586	Lime

KIMBERLY CLARK

Safety Vests

GPV Reflective

Jackson Safety

- Constructed of flat weave, 7 oz. polyester
- Can be wiped clean

Item #	Desc.
JS3006273	Orange w/ Lime Stripes

KIMBERLY CLARK

Safety Vests

Survey - Class 2

Jackson Safety

- 4 pocket design (2 exterior and 2 interior)
- 360 degree visibility with high intensity tape, machine washable; color prismatic reflective tape
- Meets ANSI / ISEA 107 - 2004 Class 2 standards

Item #	Size	Desc.
JS3022275	M/Lg	Orange w/Lime Prismatic
JS3022276	XL/2X	Orange w/Lime Prismatic
JS3022277	3X/4X	Orange w/Lime Prismatic
JS3022278	M/Lg	Lime w/Orange Prismatic
JS3022279	XL/2X	Lime w/Orange Prismatic
JS3022280	3X/4X	Lime w/Orange Prismatic

KIMBERLY CLARK

Safety Vests

Survey Vests - Class 3

Jackson Safety

- 4 pocket design (2 exterior and 2 interior)
- 360 degree visibility with high intensity tape, machine washable; color prismatic reflective tape
- Meets ANSI/ISEA 107 - 2004 Class 3 standard

Item #	Size	Desc.
JS3022337	M/Lg	Orange w/Lime Prismatic
JS3022338	XL/2X	Orange w/Lime Prismatic
JS3022339	3X/4X	Orange w/Lime Prismatic
JS3022340	M/Lg	Lime w/Orange Prismatic
JS3022341	XL/2X	Lime w/Orange Prismatic
JS3022342	3X/4X	Lime w/Orange Prismatic

RADIANS

RADIANS

Economy Surveyor Vest

Class 2

- Reflective stripes on contrasting trim make workers much more noticeable in low-light and broad daylight

Specifications:

- Closure: Zipper; Pockets: 2
- Tape: 2" Silver reflective material w/1 horizontal stripe
- Materials: 100% polyester mesh

Item #	Size	Color
RVSV22-2ZGM-L	Large	Hi-Vis Green
RVSV22-2ZGM-XL	X-Large	Hi-Vis Green

RADIANS

Surveyor Vest

Class 2

- Reflective stripes on contrasting trim make workers much more noticeable in low-light and broad daylight; mic tab on both shoulders

Specifications:

- Closure: Zipper; Pockets: 7
- Tape: 2" silver reflective material w/1 horizontal stripe
- Materials: 100% polyester solid knit/twill front, 100% polyester mesh back

Item #	Size	Color
RVSV6G-M	Medium	Hi-Vis Green
RVSV6G-L	Large	Hi-Vis Green
RVSV6G-XL	X-Large	Hi-Vis Green
RVSV6G-2XL	XX-Large	Hi-Vis Green

RADIANS

Surveyor Vest

Class 2

- Radio pocket and lower front pockets are covered; inside pockets are extra deep to prevent tools, phones, or radios from falling out; mic tab on both shoulders

Specifications:

- Closure: Zipper; Pockets: 7
- Tape: 2" silver reflective material w/1 horizontal stripe
- Materials: 100% polyester solid knit front, 100% polyester mesh back

Item #	Size	Color
RVSV70-L	Large	Hi-Vis Orange
RVSV70-XL	X-Large	Hi-Vis Orange
RVSV70-2XL	XX-Large	Hi-Vis Orange

RADIANS

Surveyor Vest

Class 3

- Contrast trim combinations make workers much more noticeable in low light and broad daylight ; mic tab on both shoulders

Specifications:

- Closure: Zipper; Pockets: 7
- Tape: 2" silver reflective material w/1 horizontal stripe
- Materials: 100% polyester solid knit front, 100% polyester mesh back, 100% polyester mesh sleeves

Item #	Size	Color
RVSVS63G-L	Large	Hi-Vis Green
RVSVS63G-XL	X-Large	Hi-Vis Green
RVSVS63G-2XL	XX-Large	Hi-Vis Green

RADIANS

Two-In-One Bomber Jacket

- Zip out removable fleece jacket; concealed detachable hood
- Tape: 2" silver high visibility reflective tape
- Mic tabs on both shoulders
- Clear, chest badge holder; fleece lined chest pocket
- Pockets: 8
- Materials: PU coated polyester waterproof shell
- Elastic waistband
- Elastic wrist cuffs with hook & loops closures

Item #	Size	Color
RVSJ21-3ZGS-L	Large	Hi-Vis Green
RVSJ21-3ZGS-XL	X-Large	Hi-Vis Green
RVSJ21-3ZGS-2X	XX-Large	Hi-Vis Green
RVSJ21-3ZGS-3X	XXX-Large	Hi-Vis Green

RADIANS

Three-In-One Weatherproof Parka

- Wind and water resistant shell; removable inner fleece jacket; concealed hood
- Tape: 2" silver reflective tape
- Mic tabs on both shoulders
- Pockets: 8
- Fleece lined chest pocket
- Pass through on back for fall protection
- Wrist cuffs with closure

Item #	Size	Color
RVSJ41-3ZGS-L	Large	Hi-Vis Green
RVSJ41-3ZGS-XL	X-Large	Hi-Vis Green
RVSJ41-3ZGS-2X	XX-Large	Hi-Vis Green
RVSJ41-3ZGS-3X	XXX-Large	Hi-Vis Green

CUSTOM LEATHERCRAFT

Class 3 Certified Rainsuit

- 3 Piece - Consists of hood, jacket and bib overalls
- High quality polyester reflective material
- Storm front jacket with zippered closure
- When worn as a suit – meets all ANSI CLASS 3 high visibility criteria

Item #	Size
CSR111L	Large
CSR111X	X-Large
CSR1112X	XX-Large

CUSTOM LEATHERCRAFT

Fluorescent Yellow Rain Suit

- High visibility material
- Full cut sizes to fit over clothing
- Jacket, bib pants and detachable hood
- Storm front jacket with double fly snap
- Heavy duty buckles on overall straps
- Rear mesh vents for breathability
- Constructed with durable water resistant Oxford Polyester

Item #	Size
CSR107L	Large
CSR107X	X-Large
CSR1072X	XX-Large

CUSTOM LEATHERCRAFT

Black PVC Boot

Plain Toe

- Cleated outsole
- Over the sock

Item #	Size
CSR23010	10
CSR23011	11
CSR23012	12

Need other raingear or workwear?

Call Edge Today.

HELLY HANSEN

HI Vis Polyester W/PU Backed Rainwear

Alta Jacket and Pant

- COLORS: 360 EN471 Yellow, 260 EN471 Orange
- SIZES: S-3XL
- 100 % Polyester, PU coated, 150 g/m
- Lining 100% Nylon

Jacket Details:

- Insulation 100% polyester, 120 g in body, 80 g in sleeve
- Reflective tape EN 471- Class 3 EN 343- 3,1 EN 342
- Packable Hood with drawcord at front, Velcro at back
- Fleece inside collar
- Chin guard w/ fleece & printed logo
- Front zipper w/ storm flap
- Inner chest pocket

Pant Details:

- Insulation 100% polyester, 80 g
- Reflective tape
- Elastic waist
- Inside kneepad pockets
- Boot zipper and velcro adjustment at hem
- Loop inside waist for ID card
- Printed logo at hip
- EN 471- Class 2 EN 343- 3,1 EN 342

Item #	Color
Alta Jacket	
HH70333-260FL	Orange
HH70333-360FL	Yellow
Alta Pant	
HH70444-260FL	Orange
HH70444-360FL	Yellow

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

HELLY HANSEN

High Vis PU Coated Polyester Raincoat

Narvik

High Viz "Patrol" jacket with 3M reflective tape that enjoys a degree of stretch you will not find in many other jacket styles

- PU Coated Knitted Polyester - 180g Light Weight
- Stretchable fabric
- Waterproof
- Reflective 3M® Scotchlite stripes on chest and arms
- Storm flap with zip and Velcro closure
- 2 hand pockets with flap
- Concealed hood in collar
- Draw cord adjustment on hood
- Inside rib cuff; Velcro closure at sleeves
- Draw cord adjustment on bottom hem

Item #	Color
HH70260-260	EN471 Orange
HH70260-360	EN471 Yellow

HELLY HANSEN

Flame Retardant Base Layer

Fargo

FR Bodywear is comprised of a woven 230g blend of Kermel®, Viscose and Beltron Antistatic, to provide warmth and moisture management.

Crewneck and Pant Features:

- Anti-static; highly resistant to abraision
- Moisture removing material
- Flatlock seams
- Double knit cuffs
- ASTM-F1891-06 Compliant

Balaclava Features:

- Ribbed expandable face opening
- Anti-static; highly resistant to abraision
- Moisture removing material
- Flatlock seams
- ASTM-F1891-06 Compliant
- Crewneck and pants available in sizes XS-4XL
- Balaclava is one size fits all

Item #	Description	Color
HH75090-560	Crewneck Shirt	Royal Blue
HH75490-560	Pant	Royal Blue
HH79892-560	Balaclava	Royal Blue

HELLY HANSEN

Flame Retardant Midlayer

FR Softpile™

FR SoftPile™ is a blend of Kermel®, Wool, Lenzing and Beltron Antistatic to provide warmth and protection.

Jacket Features:

- 410g blend of Kermel®, Wool, Lenzing and Beltron fleece knit
- Anti-static
- Soft hand and ultra warm
- Front Nomex® / brass zipper closure with inner storm flap
- Reinforced zipper and collar edge with FR binding
- High collar design
- Drawcord adjustable hood
- Two side seam pockets
- Flatlock seams
- FR knit cuffs at wrist
- ASTM-F1891-06 Compliant

Pant Features:

- 410g blend of Kermel®, Wool, Lenzing and Beltron fleece knit
- Anti-static
- Soft hand and ultra warm
- Enclosed elastic hem waist
- Flatlock seams
- FR knit cuffs at wrist
- ASTM-F1891-06 Compliant

Item #	Description	Color
HH72190-960	Jacket	Grey
HH72191-960	Hooded Jacket	Grey
HH72490-960	Pant	Grey

HELLY HANSEN

Barcelona Soft Shell Jacket

- 95% Polyester, 5% Elastane
- Reflective piping at elbows and shoulder in front and back
- Available in Black (990) or Black/Dark Grey (999)

Item #	Size
HH74008XS	Extra Small
HH74008S	Small
HH74008M	Medium
HH74008L	Large
HH74008XL	Extra-Large
HH740082XL	2XL
HH740083XL	3XL
HH740084XL	4XL

HELLY HANSEN

Highliner Jacket

- PVC-coated woven cotton, 450g heavy weight; .45 mm thick
- Oil-, chemical-, and cold-resistant
- Available in Light Yellow (310) and Dark Green (490)

Item #	Size
HH70300XS	Extra Small
HH70300S	Small
HH70300M	Medium
HH70300L	Large
HH70300XL	Extra Large
HH703002XL	2XL
HH703003XL	3XL
HH703004XL	4XL

HELLY HANSEN

Highliner Bib

- PVC-coated woven cotton, 450g heavy weight; .45 mm thick
- Oil-, chemical-, and cold-resistant
- Available in Light Yellow (310) and Dark Green (490)

Item #	Size
HH70300XS	Extra Small
HH70300S	Small
HH70300M	Medium
HH70300L	Large
HH70300XL	Extra Large
HH703002XL	2XL
HH703003XL	3XL
HH703004XL	4XL

KIMBERLY-CLARK

Protective Coveralls

KleenGuard® A40

- Zipper front; elastic wrists & ankles
- White in color
- Low in lint; made with breathable material for comfort
- Meets ANSI/ISEA 101-1996 sizing standard
- Passes NFPA 99 criteria for antistatic materials

Item #	Size
KC44314	XL
KC44315	XXL

KIMBERLY-CLARK

Protective Coveralls

KleenGuard® A40

- Zipper front; elastic wrists, ankles & hood
- Low in lint; made with breathable material for comfort
- White in color; meets ANSI/ISEA 101-1996 sizing standard
- Passes NFPA 99 criteria for antistatic materials

Item #	Size
KC44322	Med
KC44323	Lrg
KC44324	XL
KC44325	XXL
KC44326	XXXL

KIMBERLY-CLARK

Shop Towels

WypAll® X80

- Red in color; absorbs more oil and water faster pound for pound than laundered shop towels
- No holes, strings, metal chips or residues like laundered shop towels; maintains strength in solvents as well as laundered shop towels
- Can be used for heavy-duty & part wiping, wiping metal shavings, prepping surfaces with solvents, cleaning rough surfaces
- Size: 12.5" x 13.4"; 475 per roll

Item #
KC41055

KIMBERLY CLARK

Traffic Cones

W Series

Jackson Safety

- Meets MUTCD standards with orange base

Item #	Desc.
JS3004019	12” -2 lbs.
JS3004042	18” - 2.5 lbs.
JS3004158	28” - 6.5 lbs.

KIMBERLY CLARK

Traffic Cones

DW Series

Jackson Safety

- Meets MUTCD standards; wide body design with rugged black base
- Flow molded, dayglow orange PVC w/white inner liner; 6” & 4” reflective collars

Item #	Desc.
JS3004205	28” - 7 lbs.

JACKSON

KIMBERLY CLARK

Delineator Posts

Jackson Safety

- NCHRP-350 approved
- Two 3” reflective bands standard
- Standard 4” x 42” high post;; 16” W x 11⁄2” H octagon base 10 lb.

Item #	Desc.
JS3007642	Post
JS3001742	Base

KIMBERLY CLARK

Safety Triangles

Jackson Safety

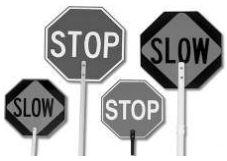
- Meets FMVSS-125 standards
- Polypropylene plastic with red acrylic plastic reflectors; air-flow design helps reduce wind resistance
- Kit includes - 3 triangles in poly box

Item #
JS3006007

KIMBERLY CLARK

Traffic Paddles

Jackson Safety



- .080 gauge baked aluminum enamel
- Aluminum silk-screened octagon shaped paddles in 18” size
- Ideal for school crossing guards, flaggers, & plant security guards

Item #	Desc.
JS3007354	18” wood handle
JS3007641	6’ wood handle

KIMBERLY CLARK

Pennant Flag

Jackson Safety

- Made of low density UV polyethlene for long lasting use
- Tensile strength of 107 lbs. for extra durability
- 9”x13” red triangular pennants, 100' long

Item #
JS3006634

KIMBERLY CLARK

Warning Flags

Jackson Safety

- Orange vinyl 18” flag with 24” dowel
- Heat sealed hem

Item #
JS3006648

KIMBERLY CLARK

Speed Bumps

Jackson Safety

- Withstands 120,000 lbs., will not warp, crack, chip or rot, made of 100% recycled rubber
- Yellow polyurethane glass-beaded paint for maximum reflectivity
- Channeled bottom (two 11⁄4” channels) allows for cabling or piping and facilitates drainage
- Four spikes required on 72” speed bumps, spikes sold separately
- Striped Seed Bump 2.5” X 12” X 72”

Item #
JS3007917

KIMBERLY CLARK

Parking Curbs

Jackson Safety

- Manufactured from 100% recycled rubber, will not warp, crack, chip or rot
- Yellow polyurethane glass-beaded paint for maximum reflectivity
- 1/10 the weight of concrete
- Resistant to UV, moisture, oil and extreme temperature variations
- Two spikes required on 36", four spikes on 72" parking curbs. Spikes sold separately

Item #	Desc.
JS3007914	Parking Curb 4 in. x 6 in. x 36 in.
JS3007915	Parking Curb 4 in. x 6 in. x 72 in.
Rebar Spikes	
JS3007973	14 in. Rebar Spikes

KIMBERLY CLARK

Wheel Chock

Jackson Safety

- Built to meet OSHA requirements
- Designed for maximum traction on practically any surface, wet or dry
- Fluted design causes downward pressure to lock chock into place
- Rubber with imbedded metal O-hook

Item #
JS3006598

KIMBERLY CLARK

Sandbags

Jackson Safety

- Hemmed top polypropylene sandbag, tie cord attached
- UV Rating: 500 hrs.
- White, 14x26 in.
- 100 per bundle

Item #
JS3006693

CERTIFIED SAFETY MANUFACTURING INC.

10-Person First Aid Kit

Contents:

- Certi-Strips - Plastic - 1”x3”- ANSI Z308.1 2009 - 16/unit
- Certi-Gauze Pads - 3”x3” - ANSI Z308.1 2009 - 4/unit
- Certi-Burn Cream - 1 gm. - ANSI Z308.1 2009 - 6/unit
- Antiseptic BZK - Towelettes - 5”x7” - ANSI Z308.1 2009 - 10/unit
- Triangular Bandage O/W - 40”x40”x56” - ANSI Z308.1 2009 - 3 ea.
- Gloves - Nitrile - ANSI Z308.1 2009 - 1 pair
- Certi-Tape - 1/2”x2-1/2 yd. - ANSI Z308.1 2009 - 1 ea.
- Certi-Strip - Woven - Medium Fingertip - 1 ea.
- Certi-Strip - Woven - Knuckle - 1 ea.
- First Aid Facts Sheet - 6”x16” - 1 ea.

Item #	Desc.
CFK610-027	Poly Case
CFK610-028	Metal Case

CERTIFIED SAFETY MANUFACTURING INC.

25-Person First Aid Kit

Contents:

- Certi-Strips - Plastic - 1”x3”- ANSI Z308.1 2009 - 16/unit
- Certi-Gauze Pads - 3”x3” - ANSI Z308.1 2009 - 4/unit
- Certi-Burn Cream - 1 gm. - ANSI Z308.1 2009 - 6/unit
- Antiseptic BZK - Towelettes - 5”x7” - ANSI Z308.1 2009 - 10/unit
- Certi-Strip - Woven - Fingertip & Knuckle - 9/unit
- Gloves - Nitrile - ANSI Z308.1 2009 - 1 pair
- Certi-Tape - 1/2”x2-1/2 yd. - ANSI Z308.1 2009 - 1 ea.
- Cold Pack - Certi-Cool - Junior - 1 ea.
- Ammonia Inhalant - 1 ea.
- Eye Wash - 4 oz. - ANSI Z308.1 2009 1 ea.
- First Aid Facts Sheet - 6”x16” - 1 ea.

Item #	Desc.
CFK610-029	Poly Case
CFK610-030	Metal Case

CERTIFIED SAFETY MANUFACTURING INC.

50-Person First Aid Kit

Contents:

- Certi-Gauze Pads - 3”x3” - ANSI Z308.1 2009 - 4/unit
- Certi-Burn Cream - 1 gm. - ANSI Z308.1 2009 - 6/unit
- Antiseptic BZK - Towelettes - 5”x7” - ANSI Z308.1 2009 - 10/unit
- Eye Pads - Certi-Tape - Oval - 8/unit
- Certi-Strip - Plastic - Assortment - ANSI Z308.1 2009- 75/asst.
- Triangular Bandage O/W - 40”x40”x56” - ANSI Z308.1 2009 - 3 ea.
- Gloves - Nitrile - ANSI Z308.1 2009 - 1 pair
- Certi-Tape - 1/2”x2-1/2 yd. - ANSI Z308.1 2009 - 1 ea.
- Certi-Gauze Roll - 2”x6 yd. - 1 ea.
- Cold Pack - Certi-Cool - Junior - 1 ea.
- Certi-Gauze - Non-Stick Pad - 2”x3” - 1 ea.
- Ammonia Inhalant - 1 ea.
- PVP Iodine Wipe-Ups - 1”x2” - 1 ea.
- Eye Wash - 4 oz. - ANSI Z308.1 2009 - 1 ea.
- Elastic Bandage - Ace Style - 2” x 5 yd. - 1 ea.
- Forceps - Plastic - 4” - 1 ea.
- First Aid Facts Sheet - 6”x16” - 1 ea.

Item #	Desc.
CFK610-033	Poly Case

RUBBERMAID COMMERCIAL PRODUCTS

Water Coolers

Gott®

- Durable construction resists scratching, denting and fading
- Drip-resistant spigot; screw-tight lid
- Extra-thick insulation ensures superior thermal retention
- Stain and odor resistant, easy-to-clean liner
- Swing-top bail handle for easy carrying

Item #	Size (gal.)
IGGT1683	3
IGGT1685	5
IGGT1610	10

RUBBERMAID COMMERCIAL PRODUCTS

Mounting Bracket

- Designed specifically for Rubbermaid® water coolers
- Durable, weather-resistant construction
- Horizontal mounting

Item #	Desc.
IGGT1640	Rack

RUBBERMAID COMMERCIAL PRODUCTS

Cup Holder

- Designed specifically for Rubbermaid® water coolers
- Durable, weather-resistant construction

Item #
IGGT8257UN

RUBBERMAID COMMERCIAL PRODUCTS

Paper Cone Cup

Solo®

- 4 oz. cone shaped water cup with a rolled rim
- 25 sleeves of 200; 5000 cups per case

Item #
IG9346

THE SQWINCHER CORP.

Electrolyte Drinks

Ready-To-Drink Bottles

- Ready-to-drink; 20 oz. wide-mouth plastic bottle
- 24 per case

Item #	Flavor
SQ030530-BE	Berry
SQ030531-CI	Citrus
SQ030532-GR	Grape
SQ030534-OR	Orange
SQ030535-FP	Fruit Punch

THE SQWINCHER CORP.

Electrolyte Drinks

Fast Pack®

- This package is your cup for a handy single-serving of 6 oz. when water is added
- 4/50 pk. per case

Item #	Flavor
SQ015301-CH	Cherry
SQ015302-GR	Grape
SQ015303-LA	Lemonade
SQ015304-OR	Orange
SQ015305-FP	Fruit Punch
SQ015308-LL	Lemon-Lime

THE SQWINCHER CORP.

Electrolyte Drinks

Qwik Stik

- Pour in 20 oz. bottle of water
- 10/50 pk. per case

Item #	Flavor
SQ060100-OR	Orange
SQ060102-FP	Fruit Punch
SQ060106-LL	Lemon Lime
SQ060107-GR	Grape

THE SQWINCHER CORP.

Electrolyte Drinks

Powder Pack™

- Powder pack makes 2.5 gallons
- 32 pk. per case

Item #	Flavor
SQ016040-LA	Lemonade
SQ016041-OR	Orange
SQ016042-FP	Fruit Punch
SQ016043-LL	Lemon-Lime
SQ016046-GR	Grape

MOTOROLA

Two-Way Radios

RDX Series

4 watt two-way radio operates on an innovative 89 business-exclusive UHF frequencies.

- Exceptional voice quality
- Rugged and water-resistant
- Customer programming software
- Simplified cloning
- Voice activation

Item #	Frequency Band	Coverage Area
MOTRDU4100	UHF	Up to 350,000 sq. ft. 30 floors

MOTOROLA

High Capacity Lithium Ion Battery

Item #	Radio Compatibility
MOTRLN6305	RDX Series

MOTOROLA

Standard Capacity Lithium Ion Battery

Item #	Radio Compatibility
MOTRLN6351	RDX Series

MOTOROLA

Multi-Unit Charger

- Charges up to 6 radios at a time

Item #	Radio Compatibility
MOTRLN6309	RDX Series

MOTOROLA

External Speaker Microphones

This clip-on microphone allows to talk and listen without reaching for radio

- For: XU-XV Series; Spirit M-Series, SP10

Item #
MOT53862

MOTOROLA

Extreme Headset

- Can be worn with most protective headgear, bumpcaps, and hardhats
- Shell mounted push to talk button

Item #
MOTXTI

MOTOROLA

CPS USB Programming Cable

- Used to further enhance the productivity benefits from Motorola RDX Series radios

Item #	Radio Compatibility
MOTRKN4155	RDX Series

Honeywell

HONEYWELL

Eyewash Bottles

- Buffered, saline solution that is sterile
- FDA grade polyethylene bottles are tamper-resistant

Item #	Desc.
UV32-000451-0000	1 oz. with user-controlled delivery
UV32-000455-0000	16 oz. with extended flow nozzle

HONEYWELL

Eyewash Station

- Durable, open-face design holds bottle firmly in place
- Mounts to wall with provided screws
- Easy to clean durable plastic
- Holds one 32 oz. bottle of sealed, sterile saline

Item #
UV32-000461-0000

LOGISTICS

LOGISTICS

Purell® Hand Sanitizer

- Kills 99.9% of most common germs
- Works in as little as 15 seconds
- No water or towels needed
- Alcohol based

Item #	Size
GJ9652-12	8 oz. pump

NMC

NATIONAL MARKER CO.

Jobsite Safety Signs

10” X 14” Rigid Plastic

- Prevent injuries, OSHA violations and penalties, post safety signs throughout your facility
- These visual reminders provide for a safe and more efficient work environment

Item #	Desc.
NMC151RB	Caution, Eye and Ear Protection Required in This Area
NMD125RB	Danger Men Working Above
NMD132RB	Danger Construction Area
NMD247RB	Danger Construction Site Auth. Personnel Only
NMD404RB	Danger Construction Keep Out
NMD46RB	Danger Hard Hat Area
NMD79RB	Danger No Smoking
NMD9RB	Danger Auth. Personnel Only
NMN119RB	Notice Visitors Must Register at Office
NMSF47RB	First Aid Kit Inside

Empire

EMPIRE LEVEL

Flagging Tape

- Fluorescent colors
- Durable plastic remains pliant in cold weather
- 200' x 1" rolls

Item #	Color
EE77-001	Lime Green
EE77-002	Orange
EE77-003	Pink

EMPIRE LEVEL

Caution/Danger Barricade Tape

- Made of durable plastic
- Plastic remains pliant in cold weather

Item #	Desc.	Size (in. x ft.)
EE77-0204	Red -Danger/ Peligro	3 x 200
EE77-1001	Yellow- Caution	3 x 1000
EE77-1002	Yellow - Caution/ Cuidado	3 x 1000
EE77-1004	Red - Danger	3 x 1000

EAGLE

EAGLE MANUFACTURING CO.

Safety Cans

Metal Type I

- Meets OSHA requirements and are UL and FM approved
- Made of galvanized steel
- Equipped with brass pour spout and flame arrestor

Item #	Cap.	Color
EAUI-10-S	1 gal.	Red
EAUI-20-S	2 gal.	Red
Diesel		
EAUI-20-SY	2 gal.	Yellow
EAUI-50-SY	5 gal.	Yellow

EAGLE MANUFACTURING CO.

Safety Cans

Metal Type II

- Meets OSHA requirements and are UL and FM approved
- Made of galvanized steel
- Equipped with brass pour spout and flame arrestor

Item #	Cap.	Color
EAU2-26-S	2 gal.	Red
EAU2-51-S	5 gal.	Red
Diesel		
EAU2-51-SY	5 gal.	Yellow
Accessories		
EAFD-25	12" Flex Spout ⅞" O.D.	
EAF-15	10" Poly Funnel	

BUFFALO

BUFFALO INDUSTRIES, INC.

Quick Response Spill Kit

Oil Only

Contains:

- 15 Oil only bonded pads, 3 oil only 3"x4' socks, 1 pair Nitrile gloves, 1 disposable bag and instruction sheet
- Absorbs up to 5 gallons

Item #
BF92001

BUFFALO INDUSTRIES, INC.

Econo Safety Pail Spill Kit™

Universal

Contains:

- Portable 5-gallon pail, 10 pads, 4 socks, 1 qt. Ensorb, 1 disposable bag and zip tie, 1 pair nitrile gloves and goggles, emergency response guide and instruction sheet

Item #
BF92001

BUFFALO INDUSTRIES, INC.

Heavy Weight Sorbent Pads

Oil Only-Meltblown

- Oil-Only sorbents absorb oil-based fluids such as motor oil & hydraulic/transmission fluid
- Meltblown sorbents are the most economical product available
- 100 per poly bag

Item #	Size
BF90850	15”x18” Pad

KIDDE FYRNETICS

Fire Extinguishers

ProLine™

- All corrosion resistant, epoxy coated seamless cylinders
- Easy to operate
- Pictographic operating instructions
- Easy to read pressure gauge
- Stainless steel hose and bracket bands
- Rated for A,B,C class fires
- Dry chemical uses a monoammonium phosphate agent

Item #	Cap. (lbs.)	U/L Rating	H (in.)	W (in.)	Discharge Time (sec.)	Range (ft.)
w/ Metal Vehicle Bracket						
KI466227-01	2½	1A-10B:C	15	5.3	8-10	6
w/ Wall Hook						
KI466112K	5	3A-40B:C	16	7.8	13-15	18
KI466204K	10	4A-60B:C	21.2	8.22	19-21	20
KI466206K	20	10A-80B:C	21.6	8.3	20-22	20
KI466227K	2½	1A-10B:C	15	5.3	8-10	6

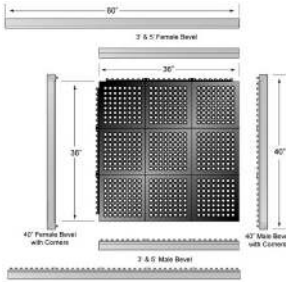
Fire Extinguisher Brackets

KI292474	20 (model)
KI366242	10 (model)
KI466400	5 (model)
KI466401	2½ (model)

RHINO

Anti-Fatigue Mats

Cushion Classic™



- Made of resilient rubber that helps minimize the fatigue of long-standing
- Surface texture helps prevent slipping while minimizing dirt trapping; Multi-Nib back adds to comfort while enhancing drainage and cleanliness
- Built-in connector strip on two sides of mat makes it easy to add on mats for coverage of areas with regular proportions
- Grease-resistant rubber stands up to machine tool cutting fluids and similar liquids found in industrial and commercial environments
- Mats - black, Bevels - available black or yellow
- 5/8” Thickness

Item #	Desc.
RH57160	36” X 36” Mat
RH56642	36” X 60” Mat
RH57162	36” Bevel Strip Male
RH57164	36” Bevel Strip Female
RH56673	40” Bevel Strip Male w/Corner
RH56674	40” Bevel Strip Female w/Corner
RH56671	60” Bevel Strip Male
RH56672	60” Bevel Strip Female

RHINO

Anti-Fatigue Mats

Diamond Plate™

- Heavy-duty 9/16” thick closed cell polymeric sponge base
- suffers no deterioration from weathering and ozone exposure
- Excellent durability following exposure to many organic and inorganic industrial chemicals
- Available in solid black or gray and black/yellow, gray/yellow

Item #	Size (ft.)
RHDTT2436	2 X 3
RHDTT3660	3 X 5

RHINO

Anti-Fatigue Mats

Ultra-Dome® Modular

- Blend of hollow dome surface with Multi-Nib back provides a resilient, active surface
- Non-directional domed top surface provides excellent traction and a safer work place with high visibility yellow, bevelled borders
- Individual components lock together to create mats of virtually any size; will not pull apart when in use but can easily be unlocked as needed
- Grease-resistant rubber stands up to machine tool cutting fluids and similar liquids

Item #	Desc.	Size (in.)
RHUD33S	Solid Mat	36 X 36
RHUD33D	Drain-thru Mat	36 X 36
RHUD3B	Bevel Strip	36
RHUD18C	Corner Piece	18 X 18

CUSTOM LEATHERCRAFT

Easy-Swivel Kneepads

- Heavy-duty construction throughout
- Heavy plastic front caps for easy knee swiveling
- Thick foam interior for all-day comfort
- One size fits all
- Buckle style fastening system with adjustable straps for convenience, comfort, fit and durability

Item #
CSV6355

CUSTOM LEATHERCRAFT

Leather Kneepads

Heavy-Duty

- Double 1/2" thick water-repellent felt lining for all-day comfort
- One size fits all
- Adjustable leather straps with steel buckles
- Riveted for extra strength

Item #
CS313

CUSTOM LEATHERCRAFT

Non-Skid Professional Kneepads

Ultraflex™

- Sure grip shell surface
- Thick foam inner pads for all-day comfort and protection
- Designed for tile-setters, plumbers, roofers
- Adjustable rubber straps to fit all sizes

Item #
CS361

CUSTOM LEATHERCRAFT

Non-Skid Kneepads

- Exclusive grooved cap design prevents thread abrasion
- Buckle style fastening system with adjustable straps
- Comfortable foam padding for extra knee protection
- Super tough, lightweight fabric covering
- One size fits all

Item #
CSV236

CUSTOM LEATHERCRAFT

Non-Skid Kneepads

- Soft, flexible outer shell protects and grips most surfaces without scratching or scuffing
- High density, closed-cell foam inner pad for all-day comfort
- One size fits all

Item #
CS369

CUSTOM LEATHERCRAFT

Professional Gel Kneepads

- Special CLC "Comfort Zone" gel center provides maximum cushioning for all day wearability
- Crafted from 1680D Ballistic nylon and 3/4" foam for increased comfort
- Two strap fastening for added stability
- Breathable Neoprene lower straps secure below the knee for comfort all day long
- Low profile cap designed to prevent "roll-over" onto hard surface
- Elastic upper straps with "buckle-style" fasteners for rapid fit

Item #
CSG340

CUSTOM LEATHERCRAFT

Professional Gel Kneepads

Ultra-Flex®

- Special CLC "Comfort Zone" gel center provides maximum cushioning for all day wearability
- Super Accordian, Ultra-Flex construction for comfort and protection
- Durable rubber straps for added stability; maximum memory foam layer under gel center for greater comfort
- Soft, flexible outer shell protects and grips most surfaces without scratching or scuffing
- One size fits all

Item #
CSG361

CUSTOM LEATHERCRAFT

Mason's Tool Bags

- Heavy-duty canvas; top grain leather handles and straps
- Heavy gauge hinged steel frame for tight closure
- 7-1/2" x 9" canvas pocket inside; 24" x 14" deep

Item #
CS308

CUSTOM LEATHERCRAFT

Standard BigMouth Bag

33 Pocket

- 11 multi-use pockets inside and 22 outside organize tools and parts
- Internal metal frame holds bag wide open for easy access
- Reinforced interior bottom panel; padded sides and bottom prevent scuffing floors or countertops
- 14"L x 7"W x 10"H

Item #
CS1135

CUSTOM LEATHERCRAFT

Large BigMouth Bag

39 Pocket

- 13 multi-use pockets inside and 26 outside organize tools and parts; internal metal frame holds bag wide open for easy access
- Reinforced interior bottom panel; padded sides and bottom prevent scuffing floors or countertops
- 18"L x 8"W x 12"H

Item #
CS1136

CUSTOM LEATHERCRAFT

Large Traytote™ Bags

14 Pocket

- 2 pockets inside, 12 outside
- Heavy-duty stitching, reinforced web handles
- 13-1/2" x 6" multi-compartment plastic tray included, slides securely into bottom of bag
- Opens wide for easy access
- 16"L x 9"W x 12"H

Item #
CS1139

CUSTOM LEATHERCRAFT

Traytote™ Bag

12 Pocket

- 2 pockets inside, 10 pockets outside
- 11"x6" multi-compartment plastic tray slides securely into bottom of bag
- Reinforced web carrying handles
- Opens wide for easy access to bag contents
- 12"L x 8"W x 12"H

Item #
CS1137

CUSTOM LEATHERCRAFT

Tool Organizer Bag

28 Pocket

- 7" x 5-1/2" multi-compartment plastic tray included, slides securely into bottom of pouch
- Box-shaped design prevents tipping
- Pockets for drill bits and tips, electrical tape strap, etc.
- Extra padded carrying handles and adjustable shoulder strap
- Metal tool snap and electrical tape strap
- 8"L x 8"W x 17"H

Item #
CS1526

CUSTOM LEATHERCRAFT

Double Traytote™ Bag

36 Pocket

- 36 multi-use outside pockets
- Pockets for cordless drill, cell phone, 2-way radio, etc.
- Two 11" x 6" multi-compartment plastic trays included, slides securely into bottom of bag
- Reinforced carrying handles and adjustable shoulder strap
- 24"L x 9"W x 12"H

Item #
CS1141

CLC WORK GEAR

CUSTOM LEATHERCRAFT

Megamouth™ Tote Bag

32 Pocket

- 8 multi-use pockets inside and 24 outside organize tools and accessories
- Internal metal frame holds bag open for easy access
- Large interior to carry power tools, circular saws, hardhats, etc.
- Padded handles and adjustable shoulder strap
- 24”L x 11”W x 12”H

Item #
CS1164

CUSTOM LEATHERCRAFT

BigMouth™ Bag

22 Pocket

Mossy Oak®

- 12 Multi-use pockets inside and 10 outside organize tools and accessories
- Opens wide for easy access to bag’s content
- Adjustable shoulder strap
- Padded reinforced web carrying handles
- Heavy-duty stitching and bar tacking at all stress points
- 16” x 8-1/2” x 10”

Item #
CS1165M

CUSTOM LEATHERCRAFT

Center Tray Tool Bag

15 Pocket

- 13-1/2" x 9" Multi-compartment plastic tray included, stored into middle compartment for easy access to the rest of bag contents
- 8 pockets outside and 7 inside to organize a wide range of tools and accessories
- Main pocket with web loops to accommodate large handle tools
- Extra padded carrying handles and adjustable shoulder strap
- Metal tool snap and electrical tape strap
- 16"L x 9"W x 9"H

Item #
CS1529

CUSTOM LEATHERCRAFT

Softsided Carpenter's Tool Box

24 Pocket

- 16 Multi-use outside pockets and 8 inside pockets to organize tools and accessories
- Large interior to carry a wide variety of carpenter's tools; padded rubber web carrying handle and adjustable shoulder strap
- 2 large side pockets with loops to hold large handle tools; mesh zippered pocket for easy view of pocket contents
- 18"L x 9"W x 12"H

Item #
CS1532

CUSTOM LEATHERCRAFT

Multi-Compartment Tool Carrier

58 Pocket

- 54 Pockets inside and 4 pockets outside to organize tools and accessories
- Large center compartment to carry multiple power tools and accessories and separate outside two compartments; zippered side panels prevent spillage of tools when carrying or storing carrier
- Vertical tool pockets keep them in sight for quick access
- 18”L x 7”W x 14”H

Item #
CS1539

CUSTOM LEATHERCRAFT

Softsided Tool Box

33 Pocket

- 21 Multi-use outside pockets and 12 inside pockets to organize a wide range of tools and accessories
- Padded rubber web carrying handle and adjustable shoulder strap
- 8” x 4” Multi-compartment plastic tray to organize small parts or accessories; large interior to carry a wide variety of tools and accessories
- 18" L x 9-1/2" W x 14" H

Item #
CS1572

CUSTOM LEATHERCRAFT

Tote Bag

23 Pocket

- 10 Pockets inside and 13 pockets outside to organize tools and accessories
- 10” x 3” Multi-compartment plastic tray to organize small parts, recessed on top for easy access; reinforced web carrying handles and adjustable shoulder strap
- 16”L x 8”W x 11”H

Item #
CS1534

CLC WORK GEAR

CUSTOM LEATHERCRAFT

Electrician's Tool Pouch

21 Pocket

- Double layer of rugged, lightweight 600D polyester fabric
- Zippered top flap to prevent spillage of tools when not in use
- Ergonomic rubber handle and padded shoulder strap design for easy storage and the ideal way to carry loaded tool pouch
- Zippered back pocket for 8" x 5" writing pad
- Outside pocket to hold cell phone holder and 3 outside large screwdriver holders

Item #
CS1509

CUSTOM LEATHERCRAFT

Electrical & Maintenance Tool Carrier

23 Pocket

- 11" x 6" Multi-compartment plastic tray included that slides securely into bottom of tool carrier organizes small parts
- 16 Multi-use outside pockets and 7 inside to organize a wide range of tools and accessories
- Box shaped design prevents tipping
- Extra padded carrying handle and adjustable shoulder strap
- Large main divided pockets with elastic loops to accommodate large tools
- Electrical tape strap
- 11"L x 10"W x 19"H

Item #
CS1528

CUSTOM LEATHERCRAFT

Electrical & Maintenance Tool Pouch

17 Pocket

- Heavy-duty top grain leather
- Box-shaped design prevents tipping
- Large divided main pocket for extra tool capacity
- Leather reinforced carrying handle and electrical tape chain
- 8" L x 8" W x 15" H

Item #
CS526

CUSTOM LEATHERCRAFT

Pro Electrician's Tool Pouch

20 Pocket

- New handle and padded shoulder strap design for easy storage and the ideal way to carry loaded tool pouch
- Double layer of rugged lightweight Dupont Cordura Plus fabric
- Heavy-duty tool snap and electrical tape strap; steel hammer loop
- Adjustable shoulder strap
- 6 Large screwdriver holders

Item #	Part #
CS5508	5508

CUSTOM LEATHERCRAFT

Carpenter's Nail & Tool Bag

8 Pocket

- Reversed top grain leather
- 2 Large capacity main nail/tool pockets
- 6 Smaller pockets fit pencils, nail sets, pliers, etc.
- Fits belts up to 2-3/4" wide
- 2 Steel hammer loops

Item #
CS178234

CUSTOM LEATHERCRAFT

Electrician's Tool Pouch

9 Pocket

- Chrome-tanned top grain leather
- 1 Main deep pocket
- 7 Additional front and side pockets for screwdrivers, wrenches, etc.
- Fits belts up to 2-3/4" wide
- Leather hammer loop
- Leather holder fits up to 30' measuring tape
- Tape chain and metal tool clip

Item #
CSK500

CUSTOM LEATHERCRAFT

Nail & Tool Bag

8 Pocket

- Suede leather
- 2 main reversed nail/tool pockets
- 6 smaller pockets fit pliers, nail sets, pencils, etc.
- Fits belts up to 2-3/4" wide
- 2 Leather hammer loops

Item #
CSI823X

CLC WORK GEAR

CUSTOM LEATHERCRAFT

3-Piece Electrical Combos

20 Pocket

- Totally versatile-all parts removable and interchangeable
- Double layer of rugged, lightweight nylon
- Grip-Strip™ hook and loop fastener system keeps pouches in place
- Sta-Open™ feature on main pockets
- Metal clip holds all measuring tape sizes
- Metal tape chain and tool snap
- Pocket to hold cordless drill
- 3" wide padded comfort belt with double tongue roller buckle
- Fits waist sizes 29" - 46"

Item #
CS5609

CUSTOM LEATHERCRAFT

Pro-Framer's Combo System

19 Pocket/4-Piece

- Heavy-duty top grain leather
- Easy Carry Handle design provides simple adjustments, easy carrying and storage of combo without spilling contents
- 8 main reversed nail/tool pockets
- 9 smaller pockets fit pliers, nail sets, pencils, knife, etc.
- 2-3/4" wide padded heavy leather belt with double tongue steel roller buckle
- Fits waist sizes 29" - 46"

Item #
CS21452

CUSTOM LEATHERCRAFT

Pro-Framer's Combo System

27 Pocket/4-Piece

- Crafted from super tough, double layered 1680 ballistic nylon and top grain leather
- Easy Carry Handle design provides simple adjustments, easy carrying and storage of combo without spilling contents
- 8 main reversed nail/tool pockets
- 17 smaller pockets fit pliers, nail sets, pencils, knife, etc.
- 5" wide padded comfort belt with double tongue steel roller buckle
- Fits waist sizes 29" - 46"

Item #
CS51452

CUSTOM LEATHERCRAFT

Electrical Combo System

29 Pocket/3-Piece

ComfortLift™

- Crafted from super tough, double layered 1680 ballistic nylon and top grain leather
- Completely adjustable, padded suspenders engineered to hold and distribute weight evenly without strain on lower back and hips
- Easy Carry Handle design provides for simple adjustments and easy storage without spilling contents; zippered top flap pouch to prevent spillage of tools when not in use
- Extra padded back for extra comfort; large screwdriver side holders; metal hammer holder, tool snap and web strap
- Includes a 3" wide padded comfort belt, with 2" double tongue metal roller buckle
- Fits waist sizes 29" - 46"

Item #
CS51609

CUSTOM LEATHERCRAFT

Framer's Combo System

26 Pocket/3-Piece

ComfortLift™

- Crafted from super tough, double layered 1680 ballistic nylon and top grain leather
- Completely adjustable, padded suspenders engineered to hold and distribute weight evenly without strain on lower back and hips
- Easy Carry Handle design provides for simple adjustments and easy storage without spilling contents
- 5 main nail/tool pockets; 19 smaller pockets fit pliers, nail sets, pencils, knife, etc.
- Leather combination square and pry bar holders
- Newly designed Sta-Open main pockets are tapered for faster access to contents
- Includes a 3" wide padded comfort belt, with 2" double tongue metal roller buckle
- Fits waist sizes 29" - 46"

Item #
CS51714

CUSTOM LEATHERCRAFT

Professional Carpenter's Combo

18 Pocket/5-Piece

- Easy Carry Handle design provides simple adjustments, easy carrying and storage of apron without spilling contents
- Totally versatile-all parts removable and interchangeable; Sta-Open feature on main reversed pockets
- 9 Main pockets for tools/nails, etc.; 6 Smaller pockets for screwdrivers, cutters, pliers, pencils, etc.
- Speed square and pry bar holders; 2 Steel hammer loops
- Metal clip holds all measuring tape sizes
- 5" Wide padded comfort belt with double tongue steel roller buckle
- Fits waist sizes 29" - 46"

Item #
CS5605

CLC WORK GEAR

CUSTOM LEATHERCRAFT

Framer's Comfort Lift System

31 Pocket/5-Piece

- Unique, padded suspenders engineered to carry loads comfortably and distribute weight evenly without strain on lower back and hips
- Easy Carry Handle design provides for simple adjustments and easy storage without spilling contents
- Pockets with more capacity and easy access to contents
- Cell phone holder on upper part of suspenders for easy access
- Bottoms of main pockets are reinforced with PVC material for better resistance to abrasion
- Metal hook to carry cordless drill, nail guns or other power tools
- 5" Wide padded comfort belt with double tongue steel roller buckle
- Fits waist sizes 29"– 46"

Item #
CS6714

CUSTOM LEATHERCRAFT

Bucket Pocket

30 Pocket

- 14 multi-size pockets inside and 16 outside organize a wide range of tools & accessories
- Designed to fit most standard 3-1/2 to 5 gallon buckets
- Heavy-duty stitching

Item #
CS1117

CUSTOM LEATHERCRAFT

Bucket Pocket

30 Pocket/Outside

- 30 multi-size outside pockets organize a wide range of tools & accessories
- Drill pocket with hook & loop handle strap
- Tape strap & key clip
- Security pocket with hook and loop closure
- Designed to fit most standard 3-1/2 to 5 gallon buckets

Item #
CS1118

CUSTOM LEATHERCRAFT

Drawstring Bucket Bag

22 Pocket

- 6 large compartments for organizing and stowing small parts
- 16 pockets outside/inside for a variety of tools and accessories
- Easy-lock/pushbutton-release drawstring system
- "Soft" bottom panel prevents tipping and spilling
- 10" round x 7" high

Item #
CS1148

CUSTOM LEATHERCRAFT

Bucket Pocket

48 Pocket

- 14 Double row pockets inside and 34 triple row outside organize a wide range of tools and accessories
- Drill pocket with hook and loop handle strap
- Designed to fit most 3-1/2 to 5 gallon buckets
- Measuring tape strap and key clip included

Item #
CS1119

CUSTOM LEATHERCRAFT

Bucket Pocket

61 Pocket-In & Out

- Made of durable, rugged, 600D Ripstop fabric
- 36 Triple row outside pockets, 25 double row inside pockets
- Drill holder with side release buckle security strap
- Designed to fit most standard 3-1/2 to 5 gallon buckets

Item #
CS4122

CUSTOM LEATHERCRAFT

Bucket Seat

EasySeat™

- The original contoured bucket seat
- Turns standard 3-1/2 - 5 gallon bucket into comfortable seat
- Grooved design channels away moisture
- Durable, lightweight plastic

Item #
CS1140

CLC WORK GEAR

CUSTOM LEATHERCRAFT

Cell Phone Holders

Keystone Series

- Belt clip swivels to accommodate wearing on left or right side

Item #	Desc.
CS1517	BlackBerry®-style/iPhone®
CS1520	Smaller phones, Magnet® close
CS1521	Larger phone/walkie-talkie

CUSTOM LEATHERCRAFT

Cell Phone Holder

- Specially designed to hold newer/smaller cell phones; versatile 2-way attachment for belts, pants, etc.
- Heavy-duty clip on back, elastic side panels and padded inside to protect cell phones

Item #	Desc.
CS5124M	Mossy Oak®
CS5124	Black

CUSTOM LEATHERCRAFT

16' - 30' Tape Rule Holder

- Top grain leather; easy out keel
- Holds larger tape rules
- Molded leather front retains its shape
- Fits belts up to 2-3/4" wide

Item #
CS465

CUSTOM LEATHERCRAFT

Hammer Holder

Steel Loop

- Top grain leather
- Cradle design eliminates hammer pivoting
- Fits belts up to 2-3/4" wide

Item #
CS439

CUSTOM LEATHERCRAFT

Plier/Tool Holder

- Top grain leather
- Molded, closed-bottom design retains shape
- Fits belts up to 2-1/4" wide

Item #
CS418

CUSTOM LEATHERCRAFT

Plier Holder

- Top grain leather
- Fits narrow-type hand tools up to 10" long
- Molded leather retains shape
- Fits belts up to 2-1/4" wide

Item #
CS767

CUSTOM LEATHERCRAFT

Leather Work Belt

- Trim to fit waist sizes 29"-46"
- Steel single tongue roller buckle
- 2" embossed top grain leather

Item #
CSE4521

CUSTOM LEATHERCRAFT

Back Support Belts

- 8" wide heavy-duty elastic back panel
- 5" wide heavy elastic side bands for custom fit
- 1-1/4" wide elastic adjustable suspenders
- 4 internal stays provide extra support
- Tapered front panels for comfort while bending

Item #	Fits Waist Sizes (in.)
CS5000M	32 - 38
CS5000L	38 - 47
CS5000XL	46 - 56

CUSTOM LEATHERCRAFT

Work Suspenders

- 2" wide heavy-duty elastic straps
- Adjustable to fit all sizes
- Heavy-duty front and rear clips
- Red white & blue graphic print

Item #
CS110USA

CUSTOM LEATHERCRAFT

Padded Work Suspenders

- 2" Wide foam-filled comfort pads
- Heavy-duty clips front and back
- Comfortable heavy-duty straps
- Adjustable to fit all sizes

Item #
CS5121

CUSTOM LEATHERCRAFT

Leather Suspenders

- Fully adjustable
- Shoulder pads for added comfort
- Reduces load of heavy nail bags and aprons
- Heavy-duty top grain leather

Item #
CS21110

CUSTOM LEATHERCRAFT

Web Tie Down Straps

- Strong 1” heavy-duty web construction
- Rustproof, cam-action buckle

Item #	Length (ft.)	Color
CSWS02	2	Red
CSW04	4	Yellow
CSW06	6	Green
CSW08	8	Purple
CSW10	10	Blue
CSW12	12	Black

Edge installs permanent fall restraint systems.

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Gillette, WY 307-682-8522

Jenny

JENNY

Hand Carry Portable Air Compressor

Electric, 4 Gallon

- Lightweight, compact & extremely portable
- Cast iron cylinder for extended pump life
- Single stage, direct coupled, oil lubricated pump
- Powder coated heavy-duty steel tank and frame assembly
- Protectively mounted fittings; forced ventilation cooling system
- Air line regulator and two gauges for line and tank pressure
- Anti-vibration feet; pressure relief safety valve
- Special unloading valves to assist in motor/engine starting

Item #
JNA2G246-HC4V

JENNY

Single Stage Wheeled Portable Air Compressors

Electric

- Heavy-duty single stage cast iron compressor pump made in Somerset, PA USA
- Splash lubricated; totally enclosed heavy-duty belt guard
- Belt driven w/a large flywheel for extra cooling and easier start-up
- 8 & 15 gallon tanks are low profile, powder coated twin tank receivers
- 17 and 30 gallon tanks are powder coated and ASME certified
- Convenient lifting handles
- Anti-vibration feet; protectively mounted fittings
- Special unloading valves to assist in motor starting; Tank gauge; regulator and outlet pressure gauge

Item #	Pump	HP	Tank Gallon	Power Supply	CFM @ 100 PSI	CFM @ 125 PSI
JNK15A-8P	K	1.5	8	115 or 230 Volt 1 Phase	6.5	6.2
JNK15A-15P	K	1.5	15	115 or 230 Volt 1 Phase	6.5	6.2
JNK15A-17P	K	1.5	17	115 or 230 Volt 1 Phase	6.5	6.2
JNK15A-30P	K	1.5	30	115 or 230 Volt 1 Phase	6.5	6.2
JNK2A-8P	K	2	8	115 or 230 Volt 1 Phase	8.4	8.0

JENNY

Single Stage Wheeled Portable Air Compressors

Gas Powered

- Heavy-duty single stage cast iron compressor pump made in Somerset, PA USA
- Totally enclosed heavy-duty belt guard; belt driven with a large flywheel for extra cooling and easier start-up
- 8 & 15 gallon tanks are low profile, powder coated twin tank receivers; 17 and 30 gallon tanks are powder coated and ASME certified
- Convenient lifting handles; anti-vibration feet; protectively mounted fittings
- Splash lubricated; special unloading valves to assist in engine starting
- Tank gauge; regulator and outlet pressure gauge

Item #	Pump	HP	Tank Gallon	Drive	CFM @ 100 PSI	CFM @ 125 PSI
JNK5HGA-8P	K	5.5	8	Honda GX Gasoline Engine Recoil Start	8.9	8.6
JNK5HGA-17P	K	5.5	17	Honda GX Gasoline Engine Recoil Start	8.9	8.6
JNK5HGA-30P	K	5.5	30	Honda GX Gasoline Engine Recoil Start	8.9	8.6
JNG8HGA-17P	G	8	17	Honda GX Gasoline Engine Recoil Start	16.2	15.6

CHICAGO PNEUMATIC TOOL CO.

Portable Compressor

- Offers many features asked for by the rental industry
- The corrosion resistant galvanneal steel canopy will ensure many years of service
- A compact, lightweight design with recessed towing lights and a rear bumper provide greater maneuverability and added safety while towing
- Features a highly efficient, direct-drive airend that provides 185 cfm of compressed air while using only a 49 HP engine
- The control panel and discharge valves are conveniently located at the rear of the compressor

Includes:

- Toolbox; recessed towing lights; rear bumper
- Electric fuel gauge; low fuel shutdown
- Direct drive airend; single point lifting eye
- 49 HP Perkins engine (Interim Tier 4); glow plug engine preheat
- Wide opening one piece canopy; glavanneal steel canopy; torsion bar suspension
- Protective shutdown system for high compressor temperature, low oil pressure, low fuel level
- Folding drawbar with adjustable jackstand and safety chains

Centralized Controls:

- Control panel and discharge valves are conveniently located on the rear of the compressor
- The control panel includes an hourmeter, discharge pressure gauge, electric fuel gauge, engine preheat actuator and rotary start switch
- The control system also provides protective shutdowns for high engine temperature, low oil pressure, high compressor temperature and low fuel level

Item #	Free Air Delivery (cfm)	Working Pressure (PSI)	Max Unloading Pressure (PSI)	Discharge Valves	Fuel Tank Capacity (gal.)	Number of Cylinders	Cooling System	Overall Length (in.)	H x W (in.)	Weight (lbs.)
CPCP 185 PD	185	100	125	(2) x ¾”	25	4	Water	125	57 x 60	2,375

CHICAGO PNEUMATIC TOOL CO.

Portable Compressor

- Provides the strength and flexibility required for today’s demanding applications
- The sturdy A-frame drawbar, mechanically controlled Perkins engine and 500 hour maintenance intervals assure many years of dependable service
- Standard features include road lights, electric fuel gauge, low fuel shutdown and full length lockable doors
- A built-in aftercooler, water separator, primary and secondary filter package is available as an option for applications where clean, dry compressed air is critical

Includes:

- 500 hour service interval
- Large tool storage box; unloaded starting
- Torsion bar suspension
- 111 HP Perkins engine (Tier 3); Glow plug engine preheat
- Recessed towing lights; dual stage water separator
- Fuel level gauge and hour meter; low fuel shutdown
- Single point lifting eye
- Galvanneal sheet metal enclosure with powder coat paint
- Full length lockable doors
- A-frame drawbar with adjustable pintle eye, retractable swivel wheel and safety chains

Item #	Free Air Delivery (cfm)	Working Pressure (PSI)	Max Unloading Pressure (PSI)	Discharge Valves	Fuel Tank Capacity (gal.)	Number of Cylinders	Cooling System	Overall Length (in.)	H x W (in.)	Weight (lbs.)
CPCPS 375	375	100	125	(2) x ¾” & (1) x 1½	38	4	Water	145	71 x 72	3,860

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Airtools & Construction/ Heavy Industrial Equipment

MMD EQUIPMENT

AIRMAN

Air Compressor

Sunami Series

- Electric fuel prime and air-bleed
- Low noise level
- Stainless steel exhaust
- CFM: 185

Item #	Working Pressure (PSI)	Rated Output (HP @ RPM)	Fuel Capacity (Gal)
R-AIPDS185S	100	50.8 @ 3000	21

makita INDUSTRIAL POWER TOOLS

MAKITA USA

Electric Air Compressor

Hot Dog

MAC700

- Low Noise
- Low Amp Draw
- Oil Lubricated - Cooler running pump, minimizes wear
- Large automotive style industrial air filter
- Durable cast iron cylinder
- Oil sight glass for fast, easy and efficient maintenance
- Lever handle ball valve - tank drain valve improves upon standard petcock design for easier maintenance
- Built-in thermal overload for additional motor protection

Includes:

- 1/4" Brass Makita Universal Coupler
- Horsepowerþ: 2.0þ; tank (ga.): 2.6 "Hot Dog"þ
- Pump: Oil-lubricatedþ
- Performance (CFM): 90 PSI 3.3; 40 PSI 3.8þ
- Operating Pressure (PSI): 0 - 130þ
- AMPS: 12.4þ
- Noise Level (dB): 80þ
- Size: 18"x10"x22"

Item #
MAMAC700

MAKITA USA

Air Compressor

3.0 HP

"Wheelbarrow"

- Folding Handle - For easy storage
- Built-in Storage Compartment - Stores air fittings & accessories
- Oil Lubricated
- Air Hose Wrap - Stores 50' of 3/8" Air Hose with handle folded or upright
- Large automotive style industrial air filter
- Durable cast iron cylinder
- Roll cage construction
- Oil sight glass for fast, easy and efficient maintenance
- Finned discharge tubing for increased heat dissipation and reduced moisture in the air
- Lever handle ball valve - tank drain valve improves upon standard petcock design for easier maintenance
- Convenient oil drain at the front of the pump for easy access
- Built-in thermal overload for additional motor protection

Includes:

- 1/4" Brass Makita Universal Coupler
- Horsepower: 3.0; tank (ga.): 5.2
- Pump: Oil-Lubricated
- Performance (CFM): 90 PSI 6.5, 40 PSI 6.9
- Operating Pressure (PSI): 0 - 140
- AMPS: 13.8 ; noise Level (dB): 90
- Size: 29"x19"x19-1/2"

Item #
MAMAC5200

YAMAHA MOTOR CORP.

Portable Generator

Premium Gasoline Powered

- Maintenance free, brushless, single phase
- Auto-Decompression for easy starting
- Oil Watch Warning System shuts things down before the oil level gets low and won't let the generator be restarted until oil is added
- Auto Voltage Regulation to ensure correct power delivery even with extension cords
- Transistor Controlled Ignition
- Noise Suppressor

Item #	Rated Voltage	Frequency	Max/Rated AC Output	Battery Start
YMYG-4000DX	120/240V	60 Hz	4000/3500 watts	N
YMYG-5200DX	120/240V	60 Hz	5200/4500 watts	N
YMYG-6600DX	120/240V	60 Hz	6600/6000 watts	N
YMYG-6600DEX	120/240V	60 Hz	6600/6000 watts	Y

YAMAHA GENERATORS

YAMAHA MOTOR CORP.

Portable Generator

Gasoline Powered

- Compact and only 92.6 pounds
- 2.9-gallon fuel tank (with gauge) that provides 11 hours of run time on a single tank of gas
- Ground fault interrupter and non-fuse thermal breaker circuitry
- Oil Watch Warning System protects the heavy duty 171cc engine
- Mechanical governor delivers consistent engine speed for smoother power, while rubber mounts and a quiet muffler keep the noise to a minimum

Item #	Type	Rated Voltage	Frequency	Max/Rated AC Output	Battery Start
YMEF-2600	Brushless	120V	60 Hz	2600/2300 watts	N

YAMAHA MOTOR CORP.

Portable Generator

Gasoline Powered Inverter Series

- Inverter technology: clean power, quiet & fuel efficient
- Maintenance free, brushless, single phase
- Smart Throttle automatically adjusts the engine speed to precisely match the load
- Exceptional fuel economy and is remarkably quiet
- Pulse Width Modulation produces high quality, clean electricity that's ideal for powering tools and equipment with built-in microprocessors or microcomputer-controlled electric tools
- Oil Watch Warning System

Item #	Rated Voltage	Frequency	Max/Rated AC Output	DC Output	Battery Start
YMYG-2800i	120V	60 Hz	2800/2500 watts	8.3 amps	N

YAMAHA MOTOR CORP.

Portable Generator

Gasoline Powered Inverter Series

- Inverter technology: clean power, quiet & fuel efficient
- Noise Block technology housing (53-60 dBA)
- Boost Technology sense when extra power need and boosts output for up 10 seconds
- Built-in ergonomic handles and sturdy wheels make moving the generator smooth and easy
- Pulse Width Modulation, Smart Throttle, Oil Watch Warning System

Item #	Type	Rated Voltage	Freq.	Max/Rated AC Output	DC Output	Battery Start
YMEF30iSE	Brushless Inverter	120V	60 Hz	3000/2800 watts	12 volt 12 amps	Y

YAMAHA MOTOR CORP.

Portable Generator

Gasoline Powered Inverter Series

- Meeting the strictest environmental standards, it's simply the greenest way ever to power up
- Lightweight, 44 lbs. - easy to move, transport and store
- Super quite muffler with USFs approved spark arrestor
- Twin Tech capability - hook up two for maximum power
- Smart Throttle varies engine speed based on load
- Oil Watch Warning System - prevents engine damage
- Fuel gauge
- Electrical overload breaker

Item #	Type	Rated Voltage	Freq.	Max/Rated AC Output	DC Output	Battery Start
YMEF2000iS	Brushless Inverter	120V	60 Hz	2000/1600 watts	12 volt 8 amps	N

YAMAHA GENERATORS

YAMAHA MOTOR CORP.

Generator Wheel Kit

- For ease of maneuverability these wheel kits are ideal
- Heavy-duty solid rubber tires to eliminate flats
- Handles are made to fold down to reduce space requirements and potential damage
- Fits EF4000DE, EF4600DE, EF5200DE, EF6600DE, YG4000D, YG5200D, YG6600D and YG6600DE
- Chrome finish

Item #
YMACC-WHEEL-KI-TC

Chicago Pneumatic

CHICAGO PNEUMATIC TOOL CO.

Reversible Pneumatic Drills

- CFM: 24
- Air Inlet: 1/4" NPT
- Air Hose Bore: 3/8"
- Spindle Thread Size: 3/8"-24

Item #	Chuck Size (in.)	Free Speed (RPM)
CPCP9789	½	800
CPCP9790	⅜	2000

CHICAGO PNEUMATIC TOOL CO.

Aluminum Body Air Hammer

- CFM: 25
- Air Inlet: 1/4" NPT
- Air Hose Bore: 3/8"

Item #	BPM
CPCP9311	3000
CPCP9315	2300

CHICAGO PNEUMATIC TOOL CO.

Super Duty Hammer

- Pistol grip hammer; easy change retainer for quick accessory change
- Standard .401 round shank
- BPM: 3500

Item #
CPCP716

CHICAGO PNEUMATIC TOOL CO.

Pistol Grip Hammer

- Standard .401 round shank
- Easy change retainer for quick accessory change
- BPM: 3000

Item #
CPCP7111

CHICAGO PNEUMATIC TOOL CO.

Impact Wrenches

CPRP9540B:

- Working Torque: 25-310 ft./lbs.
- Torque Max: 425(ft./lbs.)
- CFM: 15
- Air Inlet: 1/4" NPTF
- Clutch: Dyna Pact™

CPRP9560:

- Working Torque: 200-950 ft./lbs.
- Torque Max: 1360(ft./lbs.)
- CFM: 24
- Air Inlet: 1/4" NPTF
- Clutch: Pin

CPRP7763:

- Working Torque: 100-950ft./lbs.
- Torque Max: 1200(ft./lbs.)
- CFM: 30
- Air Inlet: 3/8" NPTF
- Clutch: Twin Hammer

Item #	Drive End (in.)
CPRP9540B	½
CPRP9560	¾
CPRP7763	¾

CHICAGO PNEUMATIC TOOL CO.

Extreme Duty Impact Wrench

- BPM: 1580
- CFM: 5.5
- Working Torque: 50-550 ft./lbs.
- Torque Max: 600(fwd)/800(rev)(ft./lbs.)
- Air Inlet: 1/4" NPTF
- Min. Hose Size: 3/8"

Item #	Drive End (in.)
CP-7750	½

CHICAGO PNEUMATIC TOOL CO.

High Power Pneumatic Ratchets

- CFM: 16; Free Speed: 150 RPM
- Torque Range: 10-50 (ft./lbs.); Air Inlet: 1/4" NPT; Air Hose Bore: 3/8""

Item #	Drive End (in.)
CPCP9429	⅜
CPCP9430	½

Airtools & Construction/ Heavy Industrial Equipment

CHICAGO PNEUMATIC TOOL CO.

1/2" Heavy-Duty Ratchet

- Features CP's patented TriSpring anti-slip head design
- Compact, yet packed with power and speed; hardened gears

Item #
CPCP828H

CHICAGO PNEUMATIC TOOL CO.

In Line Die Grinder

- Power: 0.5 H. P.
- Free Speed: 24,000 RPM; CFM: 22
- Air Inlet: 1/4" NPT; Air Hose Bore: 3/8"

Item #
CPCP9113

CHICAGO PNEUMATIC TOOL CO.

Mini Angle Die Grinder

- Power: .2 H.P.; Free Speed: 22,500 RPM
- Air Inlet: 1/4" NPTF

Item #
CPRP875

CHICAGO PNEUMATIC TOOL CO.

Standard Duty Die Grinder

- Free Speed: 22,000 RPM
- CFM: 26
- Air Inlet: 1/4" NPTF

Item #
CPRP872

CHICAGO PNEUMATIC TOOL CO.

Angle Head Die Grinder

- Power: .25 H.P.
- Free Speed: 25,000 RPM; CFM: 19
- Air Inlet: 1/4" NPT; Air Hose Bore: 3/8"

Item #	H.P.	Free Speed (RPM)	CFM	Air Inlet (in.)	Air Hose Bore (in.)
CPRP9106	0.25	25000	19	¼ NPT	⅜

CHICAGO PNEUMATIC TOOL CO.

Angle Grinder 4-1/2" x 5/8"-11

- Power: 0.8 H.P.
- Free Speed: 12,000 RPM
- Air Inlet: 1/4" NPT; Air Hose Bore: 3/8"

Item #
CPRP9122BR

CHICAGO PNEUMATIC TOOL CO.

7" Angle Grinder

- Power: 1.12 H.P.
- Free Speed: 7,500 RPM
- Air Inlet: 3/8"; Air Hose Bore: 1/2"

Item #
CPCP9123

CHICAGO PNEUMATIC TOOL CO.

Compact Engraving Pen

Item #	BPM
CPCP9160	32400

CHICAGO PNEUMATIC TOOL CO.

Engraving Pen Kit

Item #
CP-9361-1

CHICAGO PNEUMATIC TOOL CO.

Needle Scalers

Item #	Bore & Stroke (in.)	BPM	Handle
CPCP0951	25/32x1⅛	3600	Lever
CPCP0952	15/16x1⅛	3900	Offset

CHICAGO PNEUMATIC TOOL CO.

Needle Scaler with Chisel

- Bore: 1-1/8"; BPM: 4600
- CFM: 15.5; Air Inlet: 1/4" NPT
- Shank: 1/2"; Min. Hose Size: 3/8"

Item #
CPCP9538

CHICAGO PNEUMATIC TOOL CO.

Heavy-Duty Reciprocating Saw

Item #	Stroke (in.)	BPM	CFM	Air Inlet (in.)	Air Hose Bore (in.)
CPRP9881	1	5000	27	¼ NPT	⅜

CHICAGO PNEUMATIC TOOL CO.

Industrial Weld Flux Chipper

Industrial Needle Scaler

- Super durable for extreme applications
- Only 3.7 lbs.; 4,600 BPM

Item #
CPCP9356
CPCP9356/NS

Chicago Pneumatic

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

4-Bolt High Performance Breakers

30 Pound Class

CPCP 0112 S

- Alloy steel forgings provide excellent durability; four-bolt backhead design withstands rugged use
- Integral oiler provides continuous lubrication; oversized springs, side bolts and anvil minimize repairs
- CP Four-bolt breakers require minimal servicing to maintain peak operating efficiency over extended periods of rugged use
- CP Breakers can be ordered with mufflers, or mufflers can be purchased separately
- Air consumption at 90 psi, 45 cfm
- EX = Extended handle for trench work; S = Silenced models

Item #	Standard Hex Chuck Size (in.)	Retainer Type	Length (in.)	Weight (lbs.)
CPCP 0112	1 x 4¼	Latch	21	30
CPCP 0112 EX	1 x 4¼	Latch	30⅜	33
CPCP 0112 S	1 x 4¼	Latch	21	32

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

4-Bolt High Performance Breakers

35 Pound Class

CPCP 1210 S

- Alloy steel forgings provide excellent durability; four-bolt backhead design withstands rugged use
- Integral oiler provides continuous lubrication
- Heavy-duty front headsprings on CPCP 1210 reduce reaction to operator
- CPCP 1210S is equipped with a silencer to reduce sound level
- Vibration reduced handle (SVR) is a vailable on the CPCP 1210 SVR
- CP Four-bolt breakers require minimal servicing to maintain peak operating efficiency over extended periods of rugged use
- Oversized springs, side bolts and anvil minimize repairs
- CP Breakers can be ordered with mufflers, or mufflers can be purchased separately
- Air consumption at 90 psi, 48 cfm
- S = Silenced models; SVR = Silenced Vibration + reduced models

Item #	Standard Hex Chuck Size (in.)	Retainer Type	Length (in.)	Weight (lbs.)
CPCP 1210	1 X 4¼	Latch	21⅛	44
CPCP 1210S	1 X 4¼	Latch	21⅛	48
CPCP 1210 SVR	1 X 4¼	Latch	23½	51

Edge rents & repairs breakers!

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

4-Bolt High Performance Breakers

60 Pound Class

CPCP 1230 S

- Alloy steel forgings provide excellent durability
- Four-bolt backhead design withstands rugged use
- Integral oiler provides continuous lubrication
- Heavy-duty front headsprings reduce reaction back to operator
- Reversible piston reduces maintenance cost
- Air inlet swivel for easy maneuverability
- CPCP 1230 S is equipped with silencers
- Vibration reduced handle (SVR) available on the CPCP 1230 SVR
- CP Four-bolt breakers require minimal servicing to maintain peak operating efficiency over extended periods of rugged use
- Oversized springs, side bolts and anvil minimize repairs
- CP Breakers can be ordered with mufflers, or mufflers can be purchased separately
- Air consumption at 90 psi, 63 cfm
- S = Silenced models; SVR = Silenced Vibration + reduced models

Item #	Standard Hex Chuck Size (in.)	Retainer Type	Length (in.)	Weight (lbs.)
CPCP 1230	1⅛ X 6	Latch	26½	65
CPCP 1230 S	1⅛ x 6	Latch	26½	68
CPCP 1230 SVR	1⅛ x 6	Latch	27½	76
CPCP 1230	1¼ x 6	Latch	26½	65
CPCP 1230 S	1¼ x 6	Latch	26½	68
CPCP 1230 SVR	1¼ x 6	Latch	27½	76

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

4-Bolt High Performance Breakers

90 Pound Class

CPCP 1240 SVR

- Alloy steel forgings provide excellent durability
- Four-bolt backhead design withstands rugged use
- Integral oiler provides continuous lubrication
- Heavy-duty front headsprings reduce reaction back to operator
- Reversible piston reduces maintenance cost
- Air inlet swivel for easy maneuverability
- CPCP 1240 S is equipped with silencers
- Vibration reduced handle (SVR) available on the CPCP 1240 SVR
- CP Four-bolt breakers require minimal servicing to maintain peak operating efficiency over extended periods of rugged use
- Oversized springs, side bolts and anvil minimize repairs
- CP Breakers can be ordered with mufflers, or mufflers can be purchased separately
- Air consumption at 90 psi, 81 cfm
- S = Silenced models; SVR = Silenced Vibration + reduced models

Item #	Standard Hex Chuck Size (in.)	Retainer Type	Length (in.)	Weight (lbs.)
CPCP 1240	1⅛ x 6	Latch	28¾	83
CPCP 1240 S	1⅛ x 6	Latch	28¾	86
CPCP 1240 SVR	1⅛ x 6	Latch	30	95
CPCP 1240	1¼ x 6	Latch	28¾	83
CPCP 1240 S	1¼ x 6	Latch	28¾	86
CPCP 1240 SVR	1¼ x 6	Latch	30	95

Chicago Pneumatic

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

Rivet Busters

With CPS

CPCP 4608 P CPCP 4608 D

- Originally designed for cutting and forming metal rivets, the CP buster is now used for concrete demolition and has become one of the stars of the CP range
- It has low frequency blow with hitting power equivalent to a paving breaker twice its weight
- The new CPS includes a stepped piston and step cylinder to prevent accidental ejection of the piston
- Teasing throttle for progressive hitting frequency gives better control of such a powerful machine
- Special Boyer valve makes the cylinder stroke effectively longer for more hitting power
- Boyer valve's high quality design makes the blow more consistent
- Forged steel handle for long life in rugged conditions
- Stepped piston of hardened steel
- New buffer ring is now 90 durometer rubber for extra life
- Stepped piston to prevent accidental ejection of the piston

Choice of cylinders:

- 11" cylinder
- 8" cylinder

Choice of handle:

- Open grip with outside trigger
- "D" handle with inside trigger
- 1/2" inlet bushing

Item #	Blows Per Minute (bpm)	Cylinder Stroke (in.)	Length (in.)	Air Consump. (cfm)	Air Inlet (in.)	Chuck Size (Jumbo Shank)	Handle	Cylinder
CPCP 4608 P	1080	8	23	45	½	.890" x 1.125" Taper	Open grip - Outside trigger	Short cylinder
CPCP 4611 P	720	11	26	45	½	.890" x 1.125" Taper	Open grip - Outside trigger	Long cylinder
CPCP 4608 D	1080	8	23	45	½	.890" x 1.125" Taper	"D" handle - Inside trigger	Short cylinder
CPCP 4611 D	720	11	26	45	½	.890" x 1.125" Taper	"D" handle - Inside trigger	Long cylinder

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

Scabblers

Scabblers are ideal for cleaning and roughing concrete and construction joints; they can also be used to produce ornamental or contrasting finishes on building structures

CPCP 0006

CPCP 0066

CPCP 0006:

- Lightweight, compact tool with contoured grip handle reduces operator fatigue and increases output
- Tungsten carbide-tipped pistons last longer and are easily replaced
- Back head grip gives in-line thrust
- Chamfered cylinder block increases visibility of the work piece permitting close operation in tight corners

CPCP 0066:

- Lightweight, compact tool with contoured grip handle reduces operator fatigue and increases output
- Tungsten carbide-tipped pistons last longer and are easily replaced
- Chamfered cylinder block increases visibility of the work piece permitting close operation in tight corners
- All models - Air consumption at 90 psi: 29 cfm, 1/2" (NPT) air inlet thread

Item #	BPM per Piston	Bore (in.)	Stroke (in.)	Weight	Length	Height (Pistons Extended) (in.)	Width (in.)	Number/Type of Pistons
CPCP 0006	3000	1	10	16	7	4	Three 4-point carbide tipped	
CPCP 0066	3000	0	1	10	11	5	2	3

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

Combi Drills/Hammers

- These versatile tools are both a drill and a chipping hammer; a push of the rotation release button easily and quickly converts the tool to a hammer
- The CPCP 009 and CPCP 0014 RR rotary hammers are designed for a wide variety of construction and maintenance applications such as driving or setting masonry anchors and drilling holes in concrete, bricks or rock; as a hammer, these tools can be used for chipping, scarifying, scaling and cleaning welds

All Models:

- Excellent power-to-weight ratio helps drill holes faster and easier than comparable electric rotary hammers
- Built-in oiler provides continuous lubrication; teasing throttle for precise control
- Rotation release button converts tool to a hammer (except on CPCP 0009 AC)
- Cushioned piston for smooth operation and long tool life
- Muffler available to reduce noise

CPCP 009:

- Right hand rotation
- With an adaptor, can be used with electric hammer drill bits
- Spline version available
- Adapter (R137586) round to SDS

CPCP 0014:

- Superior drilling rates; Greater drilling capacity compared to plug hole drills - Designed for production drilling of small holes

Item #	Net Weight (lbs.)	Overall Length (in.)	Type of Chuck (in.)	Chuck Size (in.)
CPCP 0009 - Air consumption at 90 psi: 20 cfm, ⅜" (NPT) air inlet thread				
CPCP 0009 A	8	14¾	round shank	¾ x 3¾
CPCP 0009 AC	8	14¾	round shank	¾ x 3¾
CPCP 0009 F	8	14¾	spline drive	
CPCP 0014 RR - Air consumption at 90 psi: 32 cfm, ⅜" (NPT) air inlet thread				
CPCP 0014 RR	15	18½	spring hex shank	⅞ x 3¼

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

Redhawk Gas Powered Breaker

- Tough and well designed, the Red Hawk is ideal for small jobs or for working in remote locations
- Use the rugged and versatile Red Hawk to:Break concrete; cut asphalt; dig
- Drive posts and fences; drive rods and spikes
- Tamp and compact soil; tamp ballast/ties
- Vibration-dampening handles have reduced vibration levels from 8 to less than 4.8 m/s2
- Engine Type: 185 cc 1-cylinder, 2-stroke
- Cooling: Forced air
- Impact rate: 2600 BPM
- Weight: 50.5 lbs.

Item #
CPRED HAWK

Gas Powered Drive Hammer - Combination

Breaker & Drill

- Atlas Copco Cobra Combi gas powered drill/breaker

Includes:

- Replacement plug and starter rope, 1 liter oil, 1-3/8" drill steel x 16" length, 1-3/4" wide chisel x 13-1/2" length, carrying case & owners spare parts & safety manuals
- Chuck fits standard 7/8" x 4-1/4" hex detachable shanks

Item #
UTCC-78414

Chicago Pneumatic

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

Chipping Hammers

CPCP 4123

CPCP 0012:

- Since the CPCP 0012 is light and has medium hitting power, it is very easy to handle and control for more precise jobs
- Typical applications include alteration work, hole making and trimming

CPCP 4123:

- The most popular chipping hammer; the CPCP 4123 is used for a wide variety of construction and industrial applications, from light to medium chipping to heavy cutting; choose the cylinder size that best suits your particular application
- Classic simplate valve; Heat treated cylinder; Now with spline lock instead of clip locking mechanism

CPCP 4125:

- They extra features of the CPCP 4125 make it more suitable for tough construction and industrial applications, including foundries, shipyards, refineries, or fabrication shops; even in hot, dirty working conditions, it will consistently hit hard and last longer than conventional hammers
- Unique ring valve as standard for harder blow in tough applications or dirty environments; Chrome plated cylinder for extra durability; Spline locking to prevent loosening of handle or cylinder

CPCP 4123 & CPCP 4125:

- Powerful, yet compact and lightweight; Rugged construction, hardened steel cylinder and handle; Teasing throttle for precise control; Open grip handle with self closing outside trigger
- Available in 2", 3" or 4" cylinder stroke versions
- Choice of bushing: .680" Round chisel rotates freely or .580" Hex prevents chisel rotation

CPCP 4130:

- Designed to tackle punishing jobs with the hard hitting power that you expect from CP
- It is used for medium-duty to heavy-duty chipping, cutting and trimming operations; the four bolt handle provides higher air flow and durability
- Locking mechanism with four high-strength 1/2" bolts; "D" handle with outside trigger and extra safety mechanism
- Muffler assembly as standard; Simplate valve for smooth operation; Available in 3" or 4" cylinder stroke versions
- Choice of bushing: .680" Round chisel rotates freely or .580" Hex prevents chisel rotation

CPCP 4132:

- A durable 4-bolt chipping hammer with inside trigger and standard retainer; available in two cylinder sizes to suite your particular application

Item #	Old Model Name	Weight (lbs.)	Cylinder Stroke	Length (in.)	Blows Per Minute (bpm)	Air Consump. (CFM)	Muffler Included As Standard	Chuck Size (in.)
CPCP 0012 2BR		12	2	16	2600	20	yes	.680" Rnd
CPCP 0012 2H		12	2	16	2600	20	yes	.580" Hex
CPCP 4123 2R	CPCP 4123 PYRA	13	2	12⅞	2400	25	-	.680" Rnd
CPCP 4123 2H	CPCP 4123 PYRE	13	2	12⅞	2400	25	-	.580" Hex
CPCP 4123 3R	CPCP 4123 PYSA	14¼	3	14⅞	1920	26	-	.680" Rnd
CPCP 4123 3H	CPCP 4123 PYSE	14¼	3	14⅞	1920	26	-	.580" Hex
CPCP 4123 4R	CPCP 4123 PYTA	15½	4	15½	1500	27	-	.680" Rnd
CPCP 4123 4H	CPCP 4123 PYTE	15½	4	15½	1500	27	-	.580" Hex
CPCP 4125 2R	CPCP 4125 PALA	13	2	13¼	2400	26	-	.680" Rnd
CPCP 4125 2H	CPCP 4125 PALE	13	2	13¼	2400	26	-	.580" Hex
CPCP 4125 3R	CPCP 4125 PAMA	14¼	3	14¼	1920	27	-	.680" Rnd
CPCP 4125 3H	CPCP 4125 PAME	14¼	3	14¼	1920	27	-	.580" Hex
CPCP 4125 4R	CPCP 4125 PANA	15½	4	15¼	1500	28	-	.680" Rnd
CPCP 4125 4H	CPCP 4125 PANE	15½	4	15¼	1500	28	-	.580" Hex
CPCP 4130 3R	CPCP 4130 3RO	18½	3	16½	1920	26	yes	.680" Rnd
CPCP 4130 3H	CPCP 4130 3HO	18½	3	16½	1920	26	yes	.580" Hex
CPCP 4130 4R	CPCP 4130 4RO	19½	4	17¾	1500	27	yes	.680" Rnd
CPCP 4130 4H	CPCP 4130 4HO	19½	4	17¾	1500	27	yes	.580" Hex
CPCP 4132 3R		15	3	17	1800	33.23	-	.680" Rnd
CPCP 4132 3H		15	3	17	1800	33.23	-	.580" Hex
CPCP 4132 4R		15	4	17	1800	33.23	-	.680" Rnd
CPCP 4132 4H		15	4	17	1800	33.23	-	.580" Hex

CHICAGO PNEUMATIC CONSTRUCTION EQUIPMENT

Backfill Tampers

- Quickly and effectively compact soil around foundations and other structures and are indispensable for compacting backfill in trenches
- The CPCP 0003 is well equipped to handle light to medium applications while the CPCP 0004 is ideal for heavier jobs

CPCP 0003 & CPCP 0004

- Maximum power - slow, powerful blows efficiently and quickly compact all types of backfill, including clay and soils containing high percentages of finely crushed or powdered material
- Heat-treated cylinder and chrome plated piston significantly extend tool life; Adjustable packing maintains a positive air seal
- Aluminum butt held with clamp screw for quick, easy replacement; Exhaust deflector directs air, moisture and oil away from operator
- Integral oiler continuously lubricates tool during operation; Well-balanced, smooth-operating tool is easily guided by one person
- 1/2" (NPT) air inlet thread
- For quieter operation, optional mufflers are available

Item #	Valve Type	Bore & Stroke (in.)	Blows Per Minute (bpm)	Net Weight (lbs.)	Overall Length (in.)	Piston Rod Body Dia. (in.)	Piston Rod Butt Size (in.)
CPCP 0003 - Air consumption at 90 psi: 18 cfm							
CPCP 0003	Simplate	11 7/16 x 6	800	30	52	7/8	5
CPCP 0004 - Air consumption at 90 psi: 28 cfm							
CPCP 0004	Ring	2 1/4 x 6	780	42	50	1	6 1/4

ATLAS COPCO

Pneumatic Breakers

HAPS Vibration Reduction

TEX PE Series

- Highly efficient silencing and vibration dampening systems make PATTEX PE breakers comfortable to operate and the most productive choice for demanding jobs
- The ergonomic design of the PATTEX PE series breakers equipped with HAPS® (Atlas Copco's Hand-Arm Protection System), means they can be used for prolonged periods with minimum risk to the operator's health

Atlas Copco's HAPS® System:

- By reducing the in-use vibration value of the breaker, Atlas Copco's HAPS system decreases the negative effects of harmful vibration at a given trigger time
- The PE series pneumatic breakers allow up to 7 times the trigger time of conventional fixed-handled tools at a given level of operator vibration-exposure
- Data at 6 bar (90 psi) air pressure

Item #	Tool Shank (in.)	Weight (lbs.)	Air Consump. (CFM)	Length (in.)	Impact Frequency (blows/min.)
PATTEX 150PE	1 x 4 1/4	40	53	23	1530
PATTEX 190PE	1 x 4 1/4	50	55	24	1500
PATTEX 230PE	1 1/8 x 6	60	64	26	1320
	1 1/4 x 6	60	64	26	1320
PATTEX 280PE	1 1/8 x 6	70	68	27	1230
	1 1/4 x 6	70	68	27	1230
PATTEX 33PE	1 1/8 x 6	81	74	29	1200
	1 1/4 x 6	81	74	29	1200
PATTEX 40PE	1 1/8 x 6	93	83	30	1110
	1 1/4 x 6	93	83	30	1110

ATLAS COPCO

Pick Hammers

Low Weight - High Productivity

- The PATTEX 09 and 12 series pick hammers are one of the lightest and most productive medium-weight tools in their class; They are fitted with D-type handles
- The SOFTSTART two-step trigger feature lets the operator start slowly with full control over the chisel starting position and placement
- PS = Equipped with threaded, cap-type tool retainer for more comfortable handgrip when performing horizontal tasks; PSK = Equipped with kick-latch type tool retainer for quick and easy tool changing; S = Silenced

Item #	Tool Shank (in.)	Weight (lbs.)	Air Consump. (CFM)	Length (in.)	Impact Frequency (blows/min.)
PATTEX 09PS	⅞ x 3¼	21	39	20	1800
PATTEX 09PSK	⅞ x 3¼	23	39	21	1800
PATTEX 12PSK	⅞ x 3¼	27	21	1800	

ATLAS COPCO

Ergonomic Scaler

- Ruggedly built, the PATTEX 117 is a low maintenance, long reach scaler perfect for many surface-cleaning operations
- Using a variety of standard accessories, the operator can chip concrete, grout, caulking or remove tiles, mastic, paint and roofing materials
- The ergonomic long reach scaler reduces time-consuming hand scraping and back breaking labor; it is economical to use, consuming only 7 cfm, and can operate from a small portable compressor
- Includes 4" wide chisel - 9245 9987 67

Item #	Desc.	Weight (lbs.)	Air Consump. (CFM)	Length (in.)	Impact Frequency (blows/min.)
PATTEX 117	Floor Scraper	17	7	70	2300

ATLAS COPCO

Rock Drills

- The ergonomically designed PATBBD 15E and PATRH 572E, medium-weight rock drills with high power-to-weight ratios, provide maximum operational safety and productivity; these low maintenance drills deliver high impact energy in relation to weight, and have ergonomic features that improve operator comfort and safety
- The PATBBD 15E and PATRH 572E are equipped with spring-dampened handles that reduce vibration transmissions to the operator's hands by more than 75%; PATBBD 15ET has a lever operated throttle control
- Sound suppressors reduce low-frequency noise levels by 7 dB(A) - more than 50%; the combination minimizes operator fatigue and raises productivity
- The PATRH 572E features rifle-bar rotation, a slower rotation and lower impact frequency for drilling in hard rock
- This drill is ideal for minor bench drilling and other rock drilling applications
- The lighter PATBBD 15E has ratchet-wheel rotation, with faster rotation and higher impact frequency, for drilling in soft to medium-hard rock; the PATBBD 15E is designed for concrete drilling, drilling for smooth blasting and seam drilling - all applications that demand a high-performance, lightweight, easy-to-handle drill
- Penetration Rate: Drilling in granite with 1-1/8", chisel-type integral drill-steel (working at 90 psi)

Item #	Weight (lbs.)	Air Requirement (CFM)	Length Incl. Drill-Steel Retainer (in.)	Drill-Steel Chuck (hex) (in.)	Impact Frequency (blows/min.)	Rotation Speed (r/min.)	Penetration Rate (in./min.)	Hose Connection (in.)
PATBBD 15E	34	47	22¾	¾ x 4¼	2520	220	8¾	⅝
	34	47	22¾	⅞ x 3¼	2520	220	8¾	⅝
	34	47	22¾	⅞ x 4¼	2520	220	8¾	⅝
PATBBD 15ET	34	47	22¾	⅞ x 4¼	2520	220	8¾	⅝

ATLAS COPCO

Light Rock Drills

- The lightweight PATBBD 12 hand-held rock drill is the perfect partner in a wide variety of applications where maneuverability and easy handling are important
- Available in two models, one for horizontal drilling and one for vertical-down drilling, the PATBBD delivers powerful, reliable and flexible operation
- Equipped with a D-type handle, the PATBBD 12D is ideal for horizontal drilling, plug hole drilling in concrete to a maximum depth of 3 feet
- For vertical-down drilling to 10 feet in depth, Atlas Copco offers the PATBBD 12T, with slightly-angled T-type handle, to provide the best grip
- The PATBBD 12T is perfect for concrete drilling, drilling for smooth blasting, and seam drilling; all PATBBD models are equipped with kick-latch type drill-steel retainers for safe, quick and easy steel changes
- Horizontal Penetration Rate: Drilling in granite with 1-1/8", chisel-type integral drill-steel (working at 90 psi)
- Vertical-Down Penetration Rate: Drilling in granite with 1-1/4", chisel-type integral drill-steel (working at 90 psi)

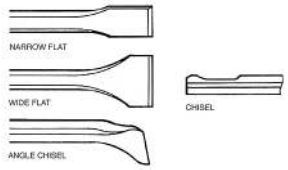
Item #	Weight (lbs.)	Air Requirement (CFM)	Length Incl. Drill-Steel Retainer (in.)	Drill-Steel Chuck (hex) (in.)	Impact Frequency (blows/min.)	Rotation Speed (r/min.)	Penetration Rate (in./min.)	Hose Connection (in.)
Horizontal								
PATBBD 12D	22	51.1	22¼	¾ x 4¼	2580	220	10	⅝
PATBBD 12DS	24	46.9	22¼	¾ x 4¼	2520	220	8	⅝
Vertical-Down								
PATBBD 2T-01	24	51.1	20	⅞ x 4¼	2580	220	6	⅝
PATBBD 12TS-01	27	46.9	20	⅞ x 4¼	2520	220	6	⅝

AJAX TOOLS

Air Hammer Chisels

I/R 1/2" Square Shank

Weld Flux



- 1/2" square shank
- 7" length

Item #	Desc.	Width (in.)
AJ382	Flat	¾
AJ383	Scaling	1⅜
AJ384	Angle	1⅜

AJAX TOOLS

Air Hammer Chisels

Zip Gun

- All listed chisels have .401" round shank with round retainer

Item #	Desc.
AJ907	Claw Ripper — Edging Tool
AJ908	Muffler Cutter
AJ909	Panel Cutter
AJ910	Flat Chisel, ¾ Blade
AJ910-1/2	Flat Chisel, ¾ Blade
AJ911	Taper Punch
AJ913	Straight Punch
AJ922	Angle Chisel

AJAX Tools

AJAX TOOLS
Air Hammer Chisels

.680" Round Shank-Oval Collar

- .680" round shank oval collared

Item #	Desc.	Width (in.)	Length (in.)	Wt
AJ303	Flat	1	9	1.25
AJ303-12	Flat	1	12	
AJ303-18	Flat	1	18	2.5
AJ303-24	Flat	1	24	
AJ313	Moil	-	9	
AJ315-12	Moil	-	12	1.5
AJ315-24	Moil	-	24	
AJ325	Scaling	1½	9	1.25
AJ325-12	Scaling	1½	12	1.5
AJ325-18	Scaling	1½	18	
AJ323	Scaling	2	9	
AJ323-12	Scaling	2	12	1.75
AJ307	Round Nose	⅜	9	

AJAX TOOLS
Spline Drive Accessories

Chiseling and Chipping

- Scaling Chisel
- 5/8" Round spline shank for large rotary hammer with spline drive; 12" length

Item #	Width (in.)	Wt
AJ5009	2	2.25
AJ5012	3	2.25

AJAX TOOLS
Replacement Scaler Needles

Set of 19

- Replacement needle for needle scaler
- Diameter: 1/8'; Length: 7"

Item #	UoM
AJ1377	St

AJAX TOOLS
Shank Rivet Sets

NO IMAGE AVAILABLE

- .401 Shank Rivet Sets

Item #	Size (in.)	Head
AJ1605	¼	Round
AJ1621	¼	Brazier

AJAX TOOLS
Paving Breaker Tools

1" X 4-1/4" Hex

Item #	Desc.	Length (in.)
AJ22100	Narrow Chisel	18
AJ22200	Moil Point	18
AJ23300	3" Wide Chisel	18
AJ28400	Asphalt Cutter 5"x6"	6

AJAX TOOLS
Paving Breaker Tools

1-1/8" X 6" Hex

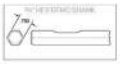
Item #	Desc.
AJ30010	Bushing Tool 2" x 2"
AJ31060	Frost Wedge 1⅞" x 12"
AJ31080	Digging Chisel 3" x 10"
AJ32100	Narrow Chisel 18"
AJ32200	Moil Point 18"
AJ32300	3" x 18" Wide Chisel
AJ38400	Asphalt Cutter 5" x 6"
AJ39500	Clay Spade 5½" x 6½"

AJAX TOOLS
Paving Breaker Tools

1-1/4" X 6" Hex

Item #	Desc.
AJ41200	Moil Point 14"
AJ42200	Moil Point 18"
AJ47200	Moil Point 72"
AJ42100	Narrow Chisel 18"
AJ43100	Narrow Chisel 24"
AJ42300	Wide Chisel 3" x 18"
AJ43300	Wide Chisel 3" x 24"
AJ48400	Asphalt Cutter 5" x 6"
AJ49500	Clay Spade 5½" x 6½"

AJAX TOOLS
Concrete & Masonry Demolition Hammer Bits



3/4" Hex Shank

- For 3/4" hex shank demolition hammers
- Fits Makita HM1211B and DeWalt DW551K

Item #	Desc.	Width (in.)	Length (in.)	Dia.	Wt
AJ5209	Scaling Chisel	2	12	¾	1.75
AJ5218	Bushing Tool	1⅜ Sq.	9¼	¾ Hex	2.7

Airtools & Construction/ Heavy Industrial Equipment

AJAX Tools

AJAX TOOLS

Electric Hammer Chisels

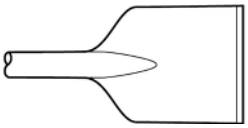
5/8" Round Spline Shank

- For large rotary hammers with spline drive

Item #	Desc.	Length (in.)	Width (in.)
AJ5016	Clay Spade	15½	4½

AJAX TOOLS

Electric Hammer Chisels



3/4" Hex Demo Shank

- For demolition hammers which use 3/4" hex accessories

Item #	Desc.	Length (in.)	Width (in.)
AJ5220	Asphalt Cutter	15½	5

AJAX TOOLS

Electric Hammer Chisels

SDS Max Shank

- For large rotary hammers with SDS-Max drive

Item #	Desc.	Length (in.)	Width (in.)
AJ5801	Moil Point	12	1
AJ5803	Moil Point	18	1
AJ5805	Flat Chisel	12	-
AJ5816	Clay Spade	15½	4½
AJ5820	Asphalt Cutter	15½	3½

AJAX TOOLS

Prick Punch

Item #	Size (in.)
AJ592	⅜ x 5

AJAX TOOLS

Pry Bars with Handles

Item #	Size (in.)	Width
AJ675-12	⅜ x 12	⅝
AJ675-18	½ x 25	[11x16]

AJAX TOOLS

Pinch Bars

Item #	Size (in.)
AJ682	⅞ x 36

AJAX TOOLS

Steel Stock Wedges

Item #	Height (in.)	Width (in.)	Length (in.)
AJ882	½	1	6
AJ884	1	1½	8

AJAX TOOLS

Ground Rod Driver

NO IMAGE AVAILABLE

1-1/4" X 6" Hex

- Driving electrical grounding rods into the soil

Item #	Hole Size (in.)	Rod Size (in.)
AJ41758	¾	⅝

GREENLEE

GREENLEE TEXTRON INC.

HPD Series Sign Post Drivers

Hydraulic

Fairmont

- Can drive a variety of post sizes from small delineater posts up to 3-1/2" round posts including square, "U" channel, breakaway stubs, round, "T" fence, and wood
- Quick change front head design accommodates adapters for different types of posts
- A deep post opening and smooth operation ensures that the driver will not jump off of posts
- Available with integral trigger or remote on/off valve

Item #	Desc.
GRHPD-T-U	Sign post driver with integral trigger with universal post adapter
GRHPD-HV-U	Sign post driver with remote on/off valve with universal post adapter
GRUA	Universal post adapter
GRRA96	3.8" round post adapter
GRSA54	2⅛" square post adapter
GRF020196K	HTMA Female Coupler - ½" NPTF internal thread
GRF020197K	HTMA Male Coupler - ½" NPTF internal thread
GR1803065	12" Hose Assembly
GR54923	HTMA Female Coupler
GR54924	HTMA Male Coupler
GR1803066	12" Hose Assembly
GR111952	Remote Valve

GREENLEE

GREENLEE TEXTRON INC.

Pole Tampers

Hydraulic

Fairmont

- Makes quick work of setting poles, asphalt patch and general construction backfill compacting
- Only three moving parts for low maintenance
- Kidney-shaped foot included
- Hose End Valve - Reversible on/off valve for open-center and closed-center hydraulic systems
- Valve on Tube - Rotate trigger spool for open-center and closed-center hydraulic systems

Item #	Desc.
GRH4802	60” Pole Tamper, Hose End Valve
GRH4802-6	60” Pole Tamper, Hose End Valve (unit does not include on/off valve)
GRH4802-1	85” Pole Tamper, Hose end Valve
GRH4802-5	60” Pole Tamper, Valve on Tube
GRH4802-3	72” Pole Tamper, Valve on Tube
GR111964K	Kidney-Shaped Foot
GR111952	Remote Valve

GREENLEE TEXTRON INC.

Sign Post Puller

Hydraulic

Fairmont

- Uses serrated jaws or wraparound, high-strength alloy chain
- Able to pull most any post size and shape
- Faster and easier than conventional manual methods
- Includes pulling chain

Specifications:

- System: Open-Center
- Lift Capacity: 9,800 lb. (4,445 kg)
- Stroke: 5" (127 mm)
- Chain: 9/32" (7.1 mm) alloy
- Weight: 70 lb. (31.8 kg)

Item #
GRH4905A

GREENLEE TEXTRON INC.

Pole Puller

Hydraulic

Fairmont

- Heavy-duty construction
- Works in confined areas, next to buildings, or out in the open
- Proof-certified 6' (1.8 m) alloy chains included

Specifications:

- System: Open-center and closed-center
- Lift Capacity: 56,000 lb. at 2,000 psi
- Chains: 5/8" proof-certified alloy
- Weight: Cylinder only: 101 lb., with base and chain: 178 lb.

Item #
GRH4910A

GREENLEE TEXTRON INC.

Impact Wrenches

Fairmont

- Added power and torque for heavy-duty jobs
- Twin hammer design
- Can be used on either open-center or closed-center system
- Adjustable torque control

Item #	Desc.
GRH6510A	¾” Impact Wrench - ¾” Square Drive
GR48330	½” Impact Wrench

GREENLEE TEXTRON INC.

Impact Wrenches and Drills

7/16” Hex Hydraulic

Fairmont

- Twin-hammer impact mechanism provides high performance and reliability
- Button to switch between forward and reverse rotation
- One-piece handle and impact housing casting provide long life
- Super Spool™ permits quick switches between open-center and closed-center hydraulic systems
- Heat-insulated handle, ergonomically positioned for comfort; well balanced for comfortable operation
- Most durable and longest life of any 1/2" wrench on the market
- Includes the 49314 heavy-duty adapter; toughest adapter on the market

Item #	Desc.
GRH8508-1	High torque ½” impact wrench with 7⁄16” hex quick-change chuck and 49314 heavy-duty adapter
GRH8508-1V	High torque ½” impact wrench with flow control, 7⁄16” hex quick-change chuck and 49314 heavy-duty adapter
GRH8508-3	Moderate torque ½” impact wrench, 7⁄16” hex quick-change chuck and 49314 heavy-duty adapter
GRH8508-3V	Moderate torque ½” impact wrench with flow control, 7⁄16” hex quick-change chuck and 49314 heavy-duty adapter

Airtools & Construction/ Heavy Industrial Equipment

GREENLEE

GREENLEE TEXTRON INC.

Reversible Drill

Hydraulic

Fairmont

- Rugged gear motor; reversible
- Compact, lightweight – ideal for line construction applications
- Super Spool™ selector control for use on open-center and closed-center hydraulic systems

Capacity:

- Steel: 1/2" hole; wood 1-1/6" hole

Item #	Desc.
GRH6400C	Drill - ½" key-type chuck

GREENLEE TEXTRON INC.

Compact Submersible Water Pumps

2" Pump

Fairmont

- Self-priming, compact, lightweight design with carrying handle
- Can draw water down to depth of 1-3/4"; can run dry w/o damage

Specifications:

- System: Open-center and closed-center
- Capacity: Up to 275 gpm (at 7 gpm and a 10' head height)
- Flow Range: 5 - 8 gpm; Operating Pressure: 0 - 2,000 psi

Item #
GRH4665A

GREENLEE TEXTRON INC.

Standard Chain Saws

Hydraulic

Fairmont

- Ideal for large trimming applications and cut-up removal jobs
- Chain and bar can be adjusted without removing sprocket cover
- Handle position can be oriented to horizontal, or to 60º or 30º relative to bar and chain to user preference (except on model with chain brake)
- Rugged gear motor and expanded chip exit area
- Automatic chain oiler can be adjusted without tools
- Safety Features Include: Two-step safety trigger, high impact polymer front handle/shroud, wide lower handle protects hands/knuckles, chain catcher stops chain rotation
- Reduced kickback bar and chain
- Supplied with 12" (305 mm) steel braided whip hoses (couplers not included)
- Chain brake models meet requirements of ISO 6535

Item #	Desc.	Cutting Capacity (in.)	Weight (lbs.)	Length (in.)
GRHCS816	Chain Saw	16	9.5	31.5
GRHCS820	Chain Saw	20	10.2	35.5
GRHCS8160CB	Chain Saw w/ Chain Brake	16	9.5	31.5

GREENLEE TEXTRON INC.

Long-Reach Chain Saws

Hydraulic

Fairmont

- Cuts hard-to-reach branches from aerial basket or from the ground
- Super Spool™ selector control for use on open-center and closed-center hydraulic systems
- Available in three lengths
- Insulated fiberglass extension tubes, tested to meet OSHA Regulation 1910.269
- Safety features include: two-step trigger, trigger guard, and fully covered sprocket guard
- Anti-kickback chain and automatic chain oiler
- Unfilled and foam-filled extension tube versions offered

Specifications:

- Cutting Capacity: 13"
- System: Super Spool™ selector control for use on open-center and closed-center hydraulic systems
- Extension Type: Fiberglass-tested to 100 KvA for 5 minutes

Item #	Desc.	Length (in.)	Weight (lbs.)
GR43178	Long Reach Chain Saw	62.5	8½
GR38568	Long Reach Chain Saw	75	9¼
GR43177	Long Reach Chain Saw	88.5	9¾
GRLRF75	Foam Filled Long Reach Chain Saw	75	9½
GRLRF88	Foam Filled Long Reach Chain Saw	88.5	10¼

GREENLEE TEXTRON INC.

Hydraulic Power Unit

20 Hp

Fairmont

- Electric key-start 20 hp Honda OHV engine with low-oil shutdown
- Variable oil flow to 10 gpm (38 lpm)
- Oversized oil cooler and electric fan ensures cool running
- Engine hour meter and tachometer
- Hydraulic oil level sight gauge and 10 micron oil filter
- Tubular frame protects components and allows easy access to maintenance points
- Integral grab rails for lifting the unit into trucks and trailers
- Heavy-duty lifting eye
- HTMA flat-face hydraulic couplers
- Easy access service points for engine oil, fuel, battery, and oil filter
- Sealed lead-acid battery

Specifications:

- Horsepower: 20 at 3,600 rpm (14.9 kW at 3,600 rpm)
- System: Open-center
- Rated Flow: 5 - 10 gpm; Rated Pressure: 2,000 psi
- Fuel: Gasoline 3.3 gal.; Hyd Oil Capacity: 3.1 gal.
- Dry Weight: 259 lb.
- Length: 34"; Width: 31"; Height (handle folded): 32"

Item #
GRF20

GREENLEE

GREENLEE TEXTRON INC.

Hydraulic Flow Control Valve

Fairmont

- Operates off other equipment's hydraulic accessory circuit–no need for a separate power unit
- Accepts up to 30 gpm for running off most skid-steer, tractors and loaders
- Variable flow adjustment allows precise flow control for tool operation; integral pressure relief valve helps protect hydraulic equipment and tools
- All-aluminum body design is lightweight and provides better heat dissipation; low profile, compact unit is unobtrusive and easy to install.
- All tool ports have O-Ring boss and accept industry standard hoses and couplers

Specifications:

- Hydraulic Ports: Power Source Side – Pressure: 1-1/16" NPT – SAE O-Ring Boss
- Power Source Side – Return: 1-1/16" NPT – SAE O-Ring Boss
- Tool Side – Pressure: 3/4" - 16 SAE O-Ring Boss HTMA Flush Face Coupling
- Tool Side – Return: 3/4" - 16 SAE O-Ring Boss HTMA Flush Face Coupling
- Maximum Output Flow: 10 gpm; Maximum Output Pressure: 2,150 psi
- Temperature Range: -30° to 140° F
- Maximum Input Flow: 30 gpm; Maximum Input Pressure: 3,000 psi

Item #
GRHFC30

GREENLEE TEXTRON INC.

Breaker - 45 lb. and 55 lb.

Hydraulic

Fairmont

- Great for breaking sidewalks and curbs or driving ground rod, and for other small demolition jobs
- Clean modular design with few protrusions to irritate operators' legs
- High blow energy provides maximum breaking power
- Integral rubber damper reduces chisel noise
- Low noise and vibration levels
- AVS tools have patented spring-dampened handles that reduce vibration transmitted to the operator by 80%-90%
- Two-step trigger
- Supplied with 12" (305 mm) steel braided whip hoses

Item #	Desc.
GRHPB45-1AVS	Breaker-- 1⅛ x 6" tool shank size, cushioned/ spring-dampened handles
GRHPB45-2AVS	Breaker-- 1 X 4¼" tool shank size, cushioned/ spring-dampened handles
GRHPB55-1AVS	Breaker-- 1⅛ x 6" tool shank size, cushioned/ spring-dampened handles

TSURUMI PUMP

TSURUMI PUMPS

Garden Hose Utility Pump

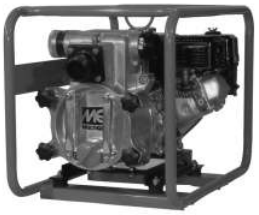
- Air-filled motor
- Built in float switch for automatic or manual operation
- 1.25" discharge with garden hose adapter
- Suitable for all your general dewatering applications
- Built in float switch allowing you to operate the pump automatically or manually depending on the situation

Item #	Discharge Bore (in.)	Cable Length (ft.)	Diameter (in.)	Height
TSUF-13	1¼ & 1½	10	7¾	12⅛

MULTIQUIP

MULTIQUIP INC

Gasoline-Powered Trash Pumps



- Rugged and dependable, they are ideal for dewatering applications with high solid content
- Sticks, stones and debris easily pass through the pump, minimizing downtime due to clogging
- Self-priming design
- Silicone seals stand up to harsh jobsite environments
- Large easy cleanout

Item #	Desc.
MQQP2TH	2" Trash, 211 GPM, Honda GX160

MULTIQUIP INC

4-Cycle Gasoline Rammers

- Improved self-cleaning clutch design
- Built-in hourmeter/tachometer
- Unique throttle control
- Advanced air filtration system
- Poly fuel tanks and heavy duty PVC guards and covers
- Quiet, EPA-approved engine
- Advanced anti-vibration handle design
- Convenient rollers for easy loading
- Laminated wood and steel shoe absorbs and withstands shock and stress

Item #	Desc.
MQMTX70	Honda GX100, 3350 lbs force 11.2" shoe

TPI CORPORATION

Belt Drive Portable Blower

Standard & Swivel

- Swivel model rotates 360° in 12.5° increments and locks in place with a steel locking pin
- 10” hard rubber wheels
- Size - 36”, 42” and 48”
- Motor - 1-speed, permanently lubricated ball bearing; Switch - Rocker on 115V 1 Phase models
- ETL listed; Meets OSHA standards
- 1 Year Limited Warranty

Item #	Blade Size (in.)	CFM	Amps	Weight (lbs.)	Motor Type	Motor HP	RPM	Base
TPIPB-36-B	36	14500	8.0	120	120 V 1 PH ODP	½	500	Standard
TPIPBS-36-B	36	14500	8.0	145	120 V 1 PH ODP	½	500	Swivel
TPIPB-42-B	42	18200	11.0	135	120 V 1 PH ODP	¾	430	Standard
TPIPBS-42-B	42	18200	11.0	160	120 V 1 PH ODP	¾	430390	Swivel
TPIPB-48-B	48	22700	15.0	155	120 V 1 PH ODP	1	390	Standard
TPIPBS-48-B	48	22700	15.0	180	120 V 1 PH ODP	1	390	Swivel

TPI CORPORATION

Direct Drive Portable Blower

Standard & Swivel

- Swivel model rotates 360º in 12-1/2 increments and locks in place with a steel locking pin
- 8”/10” rubber wheels
- ETL Listed; Meets OSHA Standards
- 1 Year Limited Warranty

Item #	Blade Size (in.)	CFM	Amps	Shipping Wt.	Motor	Base
TPIPB-36-D	36	12500	5.5	82	⅓	Standard
TPIPBS-36-D	36	12500	5.5	110	⅓	Swivel
TPIPB-42-D	42	15600	6.0	102	½	Standard
TPIPBS-42-D	42	15600	6.0	128	½	Swivel
TPIPB-48-D-OP	48	17300	10.3	117	¾	Standard
TPIPBS-48-D-OP	48	17300	10.3	142	¾	Swivel

TPI CORPORATION

Mini-Blower

Floor Model

- Size - 24” and 30”
- Cord - SJT type, 3 conductor, 10 ft. long
- Blade - Aluminum; Guards - Spiral wire - front and rear
- Housing - Powder coated 20 ga. steel
- Motor - 2-speed, 1/4 HP, 1 Phase, 115 volt, ball bearing, permanently lubricated, totally enclosed, permanent split capacitor
- Switch - Rotary on floor model, rocker on 30” floor model with wheels and pull chain on yoke mounted model
- UL - Listed; Meets OSHA Standards; 1 Year Limited Warranty

Item #	Blade Size	CFM	Amps	Shipping Wt.
TPIMB-24-DF	24	6800	2.2	52
TPIMB-30-DF	30	7800	2.5	58

TPI CORPORATION

Fan Forced Milkhouse Heater

- Heat settings plus fan only setting
- Temperature control thermostat
- 6' long - 3 conductor cord
- Triple safety system: Tip over switch, Automatic reset type limit control, Thermal cut-off device

Item #	Volts	Watts	Phase	Max. BTU's/Hr.
TPI188TASA	120	1500/1300 Fan Only	1	5120

TPI CORPORATION

Combination Radiant

& Fan Forced Heaters

- 3-Heat settings
- Temperature control thermostat
- Dual safety system: Tip over switch, Manual reset type limit control
- 6' long - 3 conductor cord

Item #	Volts	Watts	Phase	Max. BTU's/Hr.
TPI198TMC	120	1500/900/600	1	5120

ALLEGRO INDUSTRIES

8" AC Axial Blower

Metal Housing & Canister

- AC axial blower w/canister
- Engineered for convenience, this 8" axial blower is an all-in-one ventilation system
- Design allows ducting to collapse into a built-in canister for easy storage
- Includes blower, build-in storage canister and 25 ft. of ducting
- Free Air Flow: 1275 CFM, Air Flow with One 90° Bend: 661 CFM, Air Flow with Two 90° BendS: 582 CFM
- Power Rating: 3A/115V; Wt.: 46 lbs.

Item #	Desc.
ALL9514-25	25 ft. of Ducting

ALLEGRO INDUSTRIES

8" Duct to Duct Connector

- Allows safe connection of additional ducting; Constructed of galvanized steel with raised lip to hold in place

Item #
ALL9500-01

ALLEGRO INDUSTRIES

8” AC COM-PAX-IAL Plastic Blower

With Canister & 25’ Ducting

- Features the 8” Com-Pax-Ial blower with canister and 25’ ducting
- Designed with the quick-connect clipping system which allows workers to attach the canister, tools-free, to the input side for powerful extraction or output side for ventilation
- The 25’ ducting stores conveniently within the canister
- Built-in carry handles, built-in On/Off switch and “Safety” orange coloration
- Free Air Flow: 831 CFM, Air Flow with One 90° Bend: 709 CFM, Air Flow with Two 90° Bends: 586 CFM
- Power Rating: 3A/115V; Power Cap.: 1/3 hp; Wt.: 38 lbs.

Item #	Desc.
ALL9533-25	25 ft. of Ducting

ALLEGRO INDUSTRIES

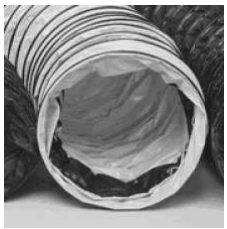
8” Plastic Explosion Proof COM-PAX-IAL Blower with Ducting

- 8” COM-PAX-IAL AC explosion proof blower with canister and 25” statically conductive ducting
- Electric explosion-proof motor is UL/CSA listed
- Single-phase motor includes NEMA rated 115V plug fir use with explosion-proof socket (sold separately)
- Meets Class I, Divisions 1 and 2, Groups C and D and Class II, Divisions 1 and 2, Groups F and G Hazardous Location Requirements
- Free Air Flow 900 CFM, Air Flow with One 90° Bend: 650 Cfm, Air Flow with Two 90° Bends: 625 CFM
- Power Rating 115V; Power Cap.: 1/3 hp; Wt.: 44lbs.

Item #
ALL9538-25

ALLEGRO INDUSTRIES

Blower Ducting



- Lightweight and retractable - vinyl and polyester materials with PVC coating
- Designed for maximum air handling capabilities and built for dual direction flow
- Yellow with black weatherstrip for visibility on the job; 25 ft. of 8” diameter

Item #	Desc.
ALL9500-25	25 ft. of 8 in. Duct

ALLEGRO INDUSTRIES

Axial Inlet Adapter

- Allows an axial blower to draw fumes and other contaminants out of work area
- Can be used on any Allegro 8” metal axial blower and allows blower to work on two completely different applications

Item #
ALL9500-03

Edge rents & repairs all types of equipment including hydraulic & gas-powered.

Need something you don’t see? Call Edge & we likely have it or will be able to source it!

L.B. WHITE

Forced Air LP/NG Heaters

Tradesman®

- LP and NG models available
- Ultra models include Self Diagnostic Service Saver for convenient trouble-shooting
- Dependable electronic spark ignition; Superior Tri-Shield finish provides extended protection against abrasion and corrosion
- Thermostatic temperature control (Tradesman 170, 400 models); Adjustable front leg provides easy direction of heat (170,400 models)
- Variable output saves fuel; Direct-fired = 99.97% fuel efficiency
- CSA US, (all models) and Canada (all except 100K)

Item #	Btu/h Rating	Heated Air Output (CFM)	Fuel Consumption (max.) LP Gas (lbs./hr.)	Fuel Consumption (max.) Natural Gas (cu.ft./hr.)	Amps (starting/continuous operation)	Service Saver
LB100	50,000-100,000	350	4.6		4.7/2.0	
LB170	125,000 - 170,000	625	7.2	170	3.7/2.4	
LB170Ultra	125,000 - 170,000	625	7.2	170	3.7/2.4	Yes
LB400	250,000 - 400,000	1,582	18.5		3.7/2.4	
LB400Ultra	250,000 - 400,000	1,582	18.5		3.7/2.4	Yes

L.B. WHITE

Forced Air Kerosene Heaters

Tradesman®

- Kerosene, #1 diesel or #1 fuel oil
- Durable brass fuel fittings, not plastic; Dependable, dual-prong electronic spark ignition
- Fuel gauge indicates remaining run time; Comfort control thermostat
- Threaded drain plug; Wheels and handles make it easier to maneuver
- CSA US and Canada

Item #	Btu/h Rating	Heated Air Output (CFM)	Pump Pressure (psi)	Fuel Consump. (max.) (gal./hr.)	Tank Cap. (gal.)	Operating Time/Tankful (hrs.)	Amps (continuous operation)	Motor Horsepower	Dimensions (LxWxH/in.)	Shipping Weight (lbs.)
LBK170	170,000	600	6.5	1.3	13	10.0	3.2	¼	43.5x23.9x26.6	60.0
LBK400	400,000	1,400	125	3.0	29	9.5	4.4	½	52.5x32.0x34.0	155.0
LBK650	650,000	3,600	110	4.9	50	10.0	7.1	¾	69.2x30.7x48.7	298.0

ENERCO®

Forced Air Propane Heater

For Small Worksites

HeatStar

- Propane gas; Flame safety
- Pressure regulator settings: 28” W.C.; Adjustable height control; Continuous ignition
- High temperature limit switch: 240° F; Power Required: 115 V 60 Hz 3A
- Propane Hose - 20 ft.: 3/8” I.D. w/Regulator and POL; POL/Excess flow check valve
- HS85FAV heats up to 2,000 square feet and operates up to 8 hours on a 20 lb. tank
- HS125FAV heats up to 3,000 square feet and operates up to 11 hours on a 40 lb. tank

Item #	Output BTU/hr	Output CFM	Min. LP Tank Size (lb.)	Propane Consump. (lbs/hr)	Shipping Size LxWxH (in.)	Net Weight (lbs.) (Includes Hose/Regulator/POL Assembly)	Shipping Weight (lbs.)	Shipping Cube (ft.)
HS85FAV	50,000-85,000	300	20	2.3 to 3.9	21x11.5x16	18	20	2.2
HS125FAV	75,000-125,000	350	40	3.5 to 5.8	20.25x12x15.5	23	25	2.7

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

HEATSTAR by ENERCO

ENERCO®

Forced Air Propane Heater

For Large Jobsites

- Propane gas; Flame Safety
- Min. LP Tank Size: 100 lb.; High temperature limit switch: 240° F
- Automatic solid state ignition; Built-in thermostat
- Power Required: 115 V 60 4A; POL/Excess flow check valve
- HS170FAVT has adjustable height control, heats up to 4,000 square feet and operates up to 17 hours on a 100 lb. tank
- HS400FAVT heats up to 9,000 square feet and operates up to 17 hours on a (2) 100 lb. tanks

Item #	Stock Number	Output BTU/hr	Output CFM	Propane Consump. (lbs/hr)	Pressure Regulator Settings	Propane Hose - 20 ft.	Shipping Size LxWxH (in.)	Net Weight (lbs.)(Includes Hose/Regulator/ POL Assembly)	Shipping Weight (lbs.)	Shipping Cube (ft.)
HS170FAVT	F170170	125,000-170,000	450	5.8 to 7.8	28" W.C.	3/8" I.D. w/Regulator & POL	26.5x11.5 x16.75	32	34	3.0
HS400FAVT	F172425	250,000-400,000	1400	11.5 to 18.5	20 PSI	1/4" I.D. w/Regulator & POL	38.58x15 x22.25	47	51	7.5

ENERCO®

Forced Air Kerosene Heaters

For Large Jobsites

HeatStar

- Heavy construction; Illuminated on-off switch
- Enclosed motor; Large heavy-duty handles; Cord wrap; Fuel gauge
- 10" Pneumatic tires; High output fan; Larger "glove-friendly" controls

Specifications:

- Tank Capacity (GAL - L): 14/52; Flame Safety/Overheat Safety Shutoff; Continuous Ignition
- Power Required: 110-115 V 60 Hz; Tires/Wheels: 10" Pneumatic
- Shipping Size (LxWxH): 42"x18"x22"
- Multi-Fuel (No. 1 or No. 2 Diesel Oil, Kerosene, JP-8 or Jet A)

Item #	Stock Number	Output BTU/hr	Heating Area (sq. ft.)	CFM Output	Fuel Consump. (Gal./hr. - L/hr.)	Operating Hours On Full Tank	Shipping Weight (lbs.)
HS125KT	F170325	125,000	3,000	275	.77/2.91	15	74
HS175KT	F170375	175,000	4,250	400	1.15/4.35	10	81
HS210KT	F170380	210,000	6,000	400	1.60/6.05	8	87

ENERCO®

Convection Heaters

HeatStar

Special Features:

- Piezo push button ignitor; Adjustable Heat Output
- "Insta-Lock" system for easy assembly - no tools

Specifications:

- Fuel: Propane Gas
- Flame Safety: Thermocouple operated gas valve; Standing Pilot; Piezo ignition
- Power required: None; POL/Excess flow check valve

Item #	Stock Number	Output BTU/hr	Propane Consump. (lbs/hr)	Pressure Regulator Settings	Hose - 20 ft.	Shipping Size LxWxH (in.)	Net Weight (lbs.)(Includes Hose/Regulator/POL Assembly)	Shipping Weight (lbs.)	Shipping Cube
HS80CV	F170480	30,000-80,000	1.4 to 3.7	11" W.C.	3/8" I.D. w/Regulator & POL	15.25x18.25 x21.75	19	21	3.50
HS200CV	F170600	75,000-200,000	3.5 to 9.3	10 PSI	1/4" I.D. w/Regulator & POL	18.25x15x2 7.5	25	27	4.36

HEATSTAR by ENERCO

ENERCO®

Single Tank-top Propane Heater

w/ Piezo Ignitor

HeatStar

- Variable output of: 8, 12 & 14,000 BTU/hr
- Hi-Medium-Low Regulator
- Safety shutoff; Operates 30-52 hours on a 20 lb. tank
- Connects to a 20 lb. cylinder

Item #	Stock Number
MH12T	F273100

ENERCO®

Double Tank-top Propane Heater

w/ Piezo Ignitor

- Variable output of: 8, 12, 16, 24 & 28,000 BTU/hr
- Two safety shutoffs
- Hi-Medium-Low Regulator
- Run on one burner or two
- Operates 17-52 hours on a 20 lb. tank
- Connects to a 20 lb. cylinder

Item #	Stock Number
MH24T	F273600

UnionTools

UNION TOOLS

Dual Wheel Wheelbarrow

- 8 cu. ft. poly tray
- Front tray braces, “H” brace and steel cross strips
- Two 16” pneumatic 2-ply tire and oil lube bearings
- Wood handles

Item #
UF77-315

UNION TOOLS

Contractor Grade Wheelbarrow

- 6 cu. ft. heavy gauge seamless steel tray
- Front tray braces, “H” brace, steel cross strips and leg pads
- 16” pneumatic 2-ply tire with oil lube bearings
- Wood handles

Item #
UF77-306

UNION TOOLS

Poly Tray Wheelbarrow

With Pour Spout & Steel Handles

- 6.5 cu. ft. poly tray with pour spout
- Reinforcing ribs, front tray braces and “H” brace
- 16” pneumatic 2-ply tire with oil lube bearings
- Steel handles

Item #
UFC6UPSP

MARATHON INDUSTRIES

Wheelbarrow Tire

Flat Free

- Solid flat free polyurethane tire
- 500 lb. capacity
- Size 4.80/4.00-8”
- 6” hub, 5/8” bearing, 15-1/2” diameter

Item #	Style
MRT00001	Solid Ribbed
MRT00047	Solid Knobby

COLUMBUS MCKINNON CORP.

Hookaroons

36” Hickory handle

- Ergonomically designed for specific tasks within a high production mill environment, providing a task oriented design when extreme light weight and durability are required

Item #	Head Style
CM12220	1.5 Dixie Standard

COLUMBUS MCKINNON CORP.

Pike Poles

Aluminum Handles

- Manufactured to withstand extensive use of handling timber in and around water
- All pike hooks are manufactured from a single piece of high carbon steel and drop forged
- Will not warp or break with continued use

Item #	Length (ft.)
CM10082	6
CM10002	8
CM10012	10
CM10022	12
CM10032	14
CM10042	16
CM10052	18
CM10062	20
CM10072	24

DIAMOND PRODUCTS

Complete Drill Rigs

Combination

- The most lightweight rig of any in its class (combo stand, wheel kit and switch box weighs just 52 lbs.)
- 12” bit capacity (up to 36" with spacers and hydraulic motor and power jack)
- Easy quick-disconnect motor mount
- Angle drilling capability up to 45°
- Easily adjustable slide bearings
- Longer columns available up to 60"
- Quick release vacuum button
- Double column support for increased stability
- 4-spoke sliding handle (can be used on either side)
- Convenient easy carrying handle (ceiling jack available)

Motor:

- 20 amp core bore CB748, RPM: 350/900

Safety Override:

- Slip clutch

Item #
DP4220003

DIAMOND PRODUCTS

Hand Held Core Drill

WEKA DK12

- Hand held and portable

Item #	Desc.	RPM	Safety Overide
DP4244017	WEKA DK12, 14 AMP	580/1400/2900	Slip Clutch

DIAMOND PRODUCTS

Complete Drill Rigs

Light Weight

M1-AA-15

- 15 amp, 3.5HP
- 6 inch bit capacity
- Weighs only 45 lbs.
- 15 amp, 3.5 HP Core Bore Motor
- Single speed - 800 RPM
- Water hose connection
- Spring loaded slide handle for easy coring
- Includes a water trap ring

Item #
DP4220050

DIAMOND PRODUCTS

Complete Drill Rigs

Combination

M-1

- 1" to 10" bit capacity (14" with one spacer)
- Dual switch/outlet control panel & amp meter
- Streamlined base and carriage
- 2-1/2" square column with black oxidized finish
- Quick changeover from vacuum to anchor base

Item #	Desc.	RPM	Safety Overide
DP4245055	20 Amp Core Bore	350/900	Slip Clutch

DIAMOND PRODUCTS

Drill Rig Accessories

Vacuum Pumps

- Gast vacuum pumps mount easily and run quietly, we have pumps designed for each of our rigs or choose a pump for an all-purpose base

Item #
DP4244077

DIAMOND PRODUCTS

Complete Drill Rigs

Combination

M-4

- Weighs only 35 lbs. (rig -20 lbs., motor -15 lbs.)
- 6" bit capacity (3" handheld)
- Converts to hand held drill motor in seconds
- Combination Stand quickly angles to 45 degrees
- 3-speed hand held drill motors with overload clutches
- Mast can rotate 360 degrees on swivel stand
- Reversible slide handle (use on left side or right side of rig)

Item #	Desc.	RPM	Safety Overide
DP4240001	14 Amp WEKA DK12	580/1400/2900	Slip Clutch

Accessories

DP4240020	M-4 Drill Stand

DIAMOND PRODUCTS

14" Masonry Saw

- Powerful 3 HP motor
- 14" blade capacity
- Tool-free air filter replacement
- Saw head adjusts easily
- Longer motor life due to a superior air filter
- Includes 2 spare air filters
- Blade not included
- Power Supply: 115V/60Hz
- Power: 2 Horsepower
- Amp Draw: 15 Amp
- RPM: 3600
- Blade Capacity: 14"
- Max. Depth of Cut: 5"
- Max Length of Cut: 16"
- Material Size: 8" x 8" x 16"
- Weight: 80 lbs.
- Saw Height: 24"
- Saw Length: 28"
- Saw Width: 23"

Item #
DPCC300M

DIAMOND PRODUCTS

Masonry Saw

Electric

Masonry electric saws have dual run and start capacitors for minimal amp draw at start up. Our high torque motors use a premium start capacitor box with a sealed manual thermal overload reset. Our 2.5 HP motor is the largest dual voltage motor in its class. We outfitted our motor with a convenient front facing voltage switch and a side mounted water pump outlet.

- Legs standard on all saws
- Water pump standard on all electric models
- Easy, safe access to depth control lock
- 2.5 HP electric motor is strongest dual-voltage motor on the market
- Stay level guard
- Side carrying handles

Amp draw: 2.5 HP - 21.0 amps @ 115V.

*All electric motors are single phase.

Item #
DP46901

DIAMOND PRODUCTS

Cut-Off Saw

SpeediCut

- Sturdy die-cast magnesium foot
- Rubber cushioned full wrap-around handle

Item #
DP44071

DIAMOND PRODUCTS

Concrete Saw

Center Cut Design

- Cyclone air cleaner for increased engine longevity
- Front and rear pointers
- Polyurethane wheels with roller bearings and grease zerks
- Quick release folding handle
- Cutting depth up to 2-1/4" with 8 inch blade
- Power transmission to blade drive is via 2 molded notch 3VX premium belts - for better cutting performance and longer belt life
- Center cut design - Better tracking into an existing cut and easy to keep the cut straight
- Self adjusting dust guard
- 1" arbor with greaseable bearings

Item #
DP46851

DIAMOND PRODUCTS

Concrete Saw

Our patented ratchet raise and lower system is the fastest, easiest way to place the blade into and out of the cut. It has 11 depth settings to choose from which automatically lock in place when the handgrip is released. Settings are in 1/2" increments.

- Large wheels for easy mobility over curbs and rough surfaces
- Removable handles for easy storage
- Blade coolant is delivered from an innovative dual multi-spray water tube system which gets coolant to both sides of the blade from the arbor to the top of the blade
- Power transmission to blade drive is via 3 molded notch 3VX premium belts - not 2, like some of our competitors, resulting in better cutting performance and longer belt life
- 4-5/8" cutting depth with 14" guard

Specifications:

- Maximum Depth of Cut: 4-5/8"
- Blade Shaft: 3,000 RPM
- Blade Shaft Diameter: 1"
- Arbor Size: 1" diameter with single drive pin

Item #
DP02276

DIAMOND PRODUCTS

Push Saw

Our patented ratchet raise and lower system is the fastest, easiest way to place the blade into and out of the cut. It has 17 depth settings to choose from which automatically lock in place when the handgrip is released. Settings are in 1/2" increments.

- Positive lock screw feed raise and lower mechanism allows precision blade depth and feed adjustment
- Power transmission to blade drive is via 3 molded notch 3VX premium belts - not 2, like some of our competitors, resulting in better cutting performance and longer belt life
- Handle adjusts to saw operators height
- Available with 14" or 18" blade guard
- 6-5/8" cutting depth with 18" guard
- Left or right hand sawing

Specifications:

- Maximum Depth of Cut with 14" Blade: 4-5/8"
- Blade Shaft: 2,600 RPM
- Blade Shaft Diameter: 1-1/4"
- Arbor Size: 1" diameter with single drive pin

Item #
DP25181

DIAMOND PRODUCTS

Walk Behind Concrete Saws

CC1200

- Heavy-duty design
- Slip-on blade guard
- Depth indicator
- 6-5/8" maximum cutting depth
- 18" Maximum blade capacity
- Left or right hand sawing

Item #	Engine Type	Blade Capacity (in.)
DP5800630	9 HP Robin-Subaru	14
DP5800631	9 HP Robin-Subaru	18
DP5800632	9 HP Honda	14
DP5800633	9 HP Honda	18
DP5800636	13 HP Honda	14
DP5800637	13 HP Honda	18

DIAMOND PRODUCTS

Concrete Saws

Walk Behind

- Screw feed raise and lower mechanism
- Handle adjusts to saw operators height
- Available with push or hydrostatic transmission choices
- Variety of power options in gasoline, electric or hydraulic up to 20 HP
- Left or right hand sawing

†Electric start

*Includes remote cyclone air cleaner

Dimensions:

- Saw height with handlebar: 37-1/2"
- Min. length pointer up: 36"
- Max. length pointer down: 72"
- Saw height without handlebar: 33-3/4"
- Frame width: 16"
- Frame length: 30-5/8"
- Saw width: 22-3/8"

Item #	Model No.	Engine Type	P/N - 20 in. Model
DP47029	CC1818BV-S	18 HP Briggs Vanguard †	5800327
DP25180	CC1820H-S	20 HP Honda †*	5800333

Husqvarna

HUSQVARNA

Gas Powered Cutoff Saw

- Cuts concrete and masonry in alteration, renovation and new construction work
- Cuts curbstones and pavers in landscaping
- Pipe cutting in installation work
- Asphalt cutting in roadwork and pre-cutting in pipe trenches
- Metal cutting
- Blade: 14/16 in.
- Cutting Depth : 5/6 in.
- Power : 6.4 hp

Item #
PRK970-14
PRK970-16

Husqvarna

HUSQVARNA

Gas Cutoff Saw

- Cuts concrete and masonry in alteration, renovation and new construction work
- Cuts smaller holes and adjusts window and door openings
- Cuts curbstones and pavers in landscaping
- Pipe cutting in installation work
- Asphalt cutting in roadwork and pre-cutting in pipe trenches
- Metal cutting
- Blade Dia.: 12/14 in.
- Cutting Depth: 4/5 in.
- Power: 5 hp

Item #
PRK760-12
PRK760-14

HUSQVARNA

Electric Cutoff Saw

- Made for cutting indoors and outdoors
- Ideal for quick and easy cutting of building block, pipe, reinforcement bar, supports, etc
- Easily adjusts between cutting different materials
- Blade: in. (mm) 14 (350)
- Cutting Depth: 5 in.
- Electric Motor: 120 vac
- Rated Output: 1,800 watt
- Rated Current: 15 amp

Item #
PRK3000WET14

HUSQVARNA

Electric Cutoff Saw

- Efficient electric cutter with convenient method for cutting up to 16" deep
- An excellent choice for flush cutting, i.e. cutting tight against walls and floors
- Blade Diameter: 9 in.
- Cutting Depth: 16 in.
- Electric motor: 120 v.
- Rated Output: 1800 watt
- Rated current: 15 amp

Item #
PRK3000CUT-N-BREAK

HUSQVARNA

Wet Cutting Kit

- For older power cutters, a wet cutting kit is available as an accessory
- The nozzles distribute the water evenly over the blade

Item #
TA505-09-54-03

HUSQVARNA

Soff-Cut 2000

Applications:

- Ultra Early Entry™ concrete cutting system reduces random cracking
- Designed for heavy-duty usage on highways, runways and paving applications
- Three blade widths can be used, allowing different joint widths and crack control simultaneously.

Benefits:

- Self Propelled gasoline saw with hydrostatic transmission
- Electronic remote key start and choke
- Mechanical remote retractable guide
- Cyclonic air filter to increase engine longevity
- Patented dry-cut diamond blade, anti-ravel skid plate and safety arbor

Technical specifications:

- Maximum blade diameter, in (mm): 10 (254)
- Maximum depth of cut, in (mm): 1-1/2 (38)
- Maximum power, hp*: 9
- Average bladeshaft, rpm: 3600

Item #
PR966845301

HUSQVARNA

Soff-Cut 150

Applications:

- Ultra Early Entry™ concrete cutting system reduces cracking
- Designed for residential and light commercial applications

Benefits:

- Gasoline saw with easy pull start engine
- Mechanical blade depth control
- Retractable front guide system

Technical specifications:

- Maximum blade diameter, in. (mm): 6 (152)
- Maximum depth of cut, in. (mm): 1-3/16 (30)
- Maximum power, hp*: 4.3
- Average bladeshaft, rpm: 3,800

Item #
PR966844801

Husqvarna

HUSQVARNA

Excel 1000 Series Purple

Ultra Early Entry™ Saw Blades

- The Husqvarna Excel 1000 Series Purple is recommended for ultra hard aggregate, non-abrasive sand

Item #	Size-Inches (mm)	Blade
542777005	6 (152)X.100	XL6-1000
542756137	8 (203)X.100	XL8-1000
542756100	10 (254)X .100	XL10-1000
542756105	12 (305)X.100	XL12-1000
542756164	12 (305)X.220	XL12S22-1000
542756112	13½ (343)X.120	XL14-1000

HUSQVARNA

MS355 14" Portasaw

Applications:

- Smaller jobs for cutting brick, block or pavers

Benefits:

- New replaceable rails make alignment of cart easier
- New design has wider opening in back to allow larger material to pass through
- Saw head comes preassembled to frame
- High torque continuous duty 115/208-230 dual voltage electric motor provides high power and long life
- Only two pivot points for reduced saw maintenance and longer diamond blade life
- Plunge cut or lock the head and use with the rolling cart
- The optional foot pedal kit reduces operator fatigue when plunge cutting
- Sta-level® bladeguard keeps parallel to the cutting table for accurate cuts
- The side handles make moving the saw easier
- Pivot lock bar moved to front for convenient raise/lower operation of blade

Item #	Blade Dia. (in.)	Power (hp)	Arbor Size (in.)
PR966006503	14	2	1

Folding Stand

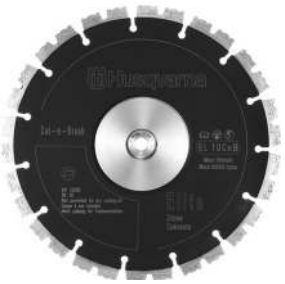
PR034040

Adaptor Cord 20A Twist to 15A Straight

PR173120

HUSQVARNA

Cut-n-Break Blades



- PREL 10 CnB (shown) is for cutting cured concrete with hard to medium-hard aggregate and has a U-shaped segment design which improves cooling and slurry transportation, for better blade speed
- PREL 35 CnB is a general purpose blade that will cut hard material such as river rock, granite, heavily reinforced concrete, mica, precast panels, marble, quartz, trap rock, flint rock, and concrete over 6,000 psi tensile strength
- PREL 70 CnB cuts concrete block, green concrete, limestone, lava rock, slaterock, shale, and sandstone; it is also suitable to cut through very abrasive, softer material - this blade has an excellent speed and life in all abrasive concrete
- The Cut-n-Break blade sets have a depth of 16", for wet cutting only
- The total segment height for these sets is .295" diamond depth

Item #
PREL 10 CnB
PREL 35 CnB
PREL 70 CnB

Edge rents and repairs equipment.

Call for a demo.

Husqvarna

HUSQVARNA

Cut-n-Break Concrete Saw

K 760

- Ideal for window and door openings where you don't want overcutting at the corners
- Deep cutting up to 16"; cuts pipes in pipe trenches, grooves for cabling, expansion joints and crack repair
- Excellent for cutting when burying signal cables
- Specially developed, twin 9" blades provide high cutting speed and power
- Active Air Filtration™, centrifugal air cleaning, extends product life and service intervals
- SmartCarb™, a built-in automatic filter compensation, maintains high power and lowers fuel consumption
- EasyStart™ provides 50% easier starts
- DuraStarter™ reduces wear on the starter
- Easy view fuel indicator shows the fuel level in the tank
- Air-cooled 2-stroke engine
- Fuel indicator in the tank
- Easy-adjust blade guard
- Wet kit
- One set of Cut-n-Break blades included
- Designed for wet cutting only

Item #	Blade (in.)	Power (hp)	Power/ Weight Ratio (hp/lbs.)	Displacement (cu in.)	Weight, with out fuel and cutting equip. (lbs.)	Fuel Capacity (qt.)	Sound Power Level dB(A)	Sound Pressure Level dB(A)	Vibrations Front Handle Equivalent (m/s2)	Vibrations Rear Handle Equivalent (m/s2)
PRK 760	9	5	.22	4.5	23.3	.95	113	97	3.2	5.7

HUSQVARNA

Cut-n-Break Concrete Saw

K 3000

- Efficient electric cutter with convenient method for cutting up to 16" deep
- An excellent choice for flush cutting, i.e. cutting tight against walls and floors
- Well suited for indoor use and smaller jobs where you want to avoid overcutting at the corners
- Ideal for cutting pipes in trenches, grooves for cabling, expansion joints and for crack renovation
- Specially developed, twin 9" blades provide high cutting speed and power
- The ergonomic front handle facilitates both vertical and horizontal cutting
- The convenient, patented design of the rear handle makes operation easier
- Adjustable blade guard enables flush cutting
- Elgard™, the advanced electronic overload protection system, varies the rotation speed to warn of an approaching overload
- Electronic Softstart™ provides starting with normal, slow-acting fuses
- Generously dimensioned miter gear provides high durability, minimal power loss and low noise levels
- One set of Cut-n-Break blades included
- Simple blade change
- Wet kit

Item #	Cutting Depth (in.)	Electric Motor (volt)	Rated Output (watt)	Rated Current (amp)	Weight Without Blade (lbs.)	Sound Power Level Lwa, dB(A)	Sound Pressure Level dB(A)	Vibrations Front Handle Equivalent (m/s2)	Vibrations Rear Handle Equivalent (m/s2)
PRK 3000	9	16	120	1,800	18	108	95	3.2	3.4

Husqvarna

HUSQVARNA

Gas Powered Walk Behind Flat Saw

FS 627 20

- Ideal for medium to small service and repair jobs when cutting concrete or asphalt
- Fully enclosed transmission
- Lift bail is standard on all models

Item #	Max. Blade Diameter (in.)	Max. Depth Of Cut (in.)	Average Bladeshaft (rpm)	Blade Flanges (in.)	Power Source	Max. Power HP*/Engine Manufac-turer
PRFS 627 20	20	7⅝	2,400	4	Gasoline	27/Kohler

HUSQVARNA

Gas Powered Walk Behind Flat Saw

FS 400

- Ideal for small road repair jobs in concrete or asphalt
- Cutting trenches for pipe laying
- Making expansion joints in concrete floors
- Cutting channels for impedance loop fittings or cable laying
- Max Power is 11 HP
- Honda engine
- Gasoline power source

Item #	Max. Blade Diameter (in.)	Max. Depth Of Cut (in.)	Average Bladeshaft (rpm)	Blade Flanges (in.)
PRFS 400	18	6⅝	2,800	4½

HUSQVARNA

Diesel Powered Walk Behind Flat Saw

FS 4800 D 30

- For jobs such as airports, highways, service work and other applications where production is a concern
- Ideal for mid-size to small jobs that require high production rates when cutting depth is no more than 15”

Item #	Max. Blade Diameter (in.)	Max. Depth Of Cut (in.)	Average Bladeshaft (rpm)	Blade Flanges (in.)	Power Source	Max. Power HP*/Engine Manufacturer
PRFS 4800 D 30	30	12	1,600	5	Diesel	48/Yanmar

HUSQVARNA

Diesel Powered Walk Behind Flat Saw

FS 6600 D 36

- Large jobs such as airports, highways, larger service work and other applications where production is a concern
- Ideal for mid-size and smaller jobs that require high production rates

Item #	Max. Blade Diameter (in.)	Max. Depth Of Cut (in.)	Average Bladeshaft (rpm)	Blade Flanges (in.)	Power Source	Max. Power HP*/Engine Manufacturer	Power At Bladeshaft (HP)
PRFS 6600 D 36	20	7⅝	2,400	5	Diesel	66/John Deere	60

DIAMOND PRODUCTS

Dry Turbo Saw Blades

- Faster cutting, lower cost version of our original outstanding turbo blade
- Designed for use of right-angle grinders, high speed, portable, electric, masonry and tile saws
- Smooth cutting from our advanced, high density metal bond technology and our unique segment design
- Cuts brick, block, concrete pavers, concrete, marble and stone

Item #	Size	Desc.
DP11709	12 in. x .125	Gold HP Dry Turbo Blade
DP11711	12 in. x .125 x 20mm	Gold HP Dry Turbo Blade
DP11666	14 in. x .125	Orange HP Dry Turbo Blade

DIAMOND PRODUCTS

Dry Saw Blades

Small Diameter

- For use on hand-held circular saws and most right-angle grinders
- Diamond blade maintains a constant depth of cut with fewer blade changes than abrasive blades
- Provide fast, free cutting in concrete, block, marble, soft granite, stone, tile and other materials

Item #	Size	Blade Type
DP23754	4 in. x .070	Green
DP23857	4½ in. x .070	Green
DP11344	4 in. x .070	Gold
DP11352	6 in. x .080	Gold
DP11242	4 in. x .070	Orange
DP11268	7 in. x .080	Orange

DIAMOND PRODUCTS

Pointing Saw Blades

Dry Tuck

- HD orange general purpose dry tuck pointing blades
- For use on hand-held circular saws and small, right-angle grinders

Item #	Size
DP12418	4” x .250
DP12446	7” x .250

DIAMOND PRODUCTS

Bit Extension Rod

Steel

- Made of durable steel
- Length: 12”
- Fits Bit Size: Up to 1-1/2”

Item #
DP4400005

DIAMOND PRODUCTS

Adapters

Steel

- Made of durable steel

Item #	Top Thread	Bottom Thread Male
DP4400008	1.250"-7 Female	⅝ in. - 11
DP4400009	⅝ in. - 11 Female	1.250 in. - 7
DP4400011	½ in. - 20 Female	
DP4400033	½ in. Straight Male Shank	⅝ in. - 11
DP4400037	½ in. BSP Male	⅝ in. - 11

Call an Edge sales representative for help with your specific application.

DIAMOND PRODUCTS

Core Bits

Premium Black

- Our premium black bit is the industry standard; it's very high diamond concentration gives maximum footage and drilling speed
- Designed for all types of wet drilling; good in moderate to high steel applications

Item #	Size (in.)
Fast Cutting concrete with high steel core bit	
DP27319	½
DP21536	⅝
DP21537	¾
DP21538	⅞
DP14369	1
DP19582	1⅛
DP20066	1¼
DP23775	1⅜
DP05434	1½
DP20264	1⅝
DP43724	1¾
DP45949	1⅞
DP05520	2
DP23876	2¼
DP05602	2½
DP23877	2¾
DP05649	3
DP23878	3¼
DP05700	3½
DP05748	4
DP23824	4¼
DP05802	4½
DP05836	5
DP05864	5½
DP05884	6
DP30187	6¼
DP22049	6½
DP22049	7
DP05976	8
DP06012	9

DIAMOND PRODUCTS

Core Bits

Heavy-Duty Orange

- Has a high diamond concentration for excellent footage and cutting speed
- Designed for all types of wet drilling in applications with light to moderate steel
- HOL-General purpose, fast cutting

Item #	Size (in.)
DP04812	1
DP04837	1⅛
DP15509	1¼
DP15525	1½
DP15479	2
DP04959	2¼
DP00004	2½
DP00005	3
DP05032	3¼
DP00006	3½
DP00007	4
DP00008	4½
DP00009	5
DP00010	6

DIAMOND PRODUCTS

Dry Diamond Hole Saws

- Drill dry through block and brick in seconds; no water needed for easy cleanup

Dry hole saw notes:
- Not all types of brick and block drilled
- All bits have 5/8"-11 threads
- All bits have 9" drilling depth

Item #	Diameter (in.)	Drill Grinder Minimum (Amps)	Drill Grinder Max/Min (RPM)
DP04706	1	6	6000/2300
DP04717	1½	7	5000/1600

DIAMOND PRODUCTS

High Speed Saw Blades

Segmented Dry

- Economy green dry high speed blades
- The most competitively priced on the market; designed for fast, smooth cutting in many materials; may be used wet or dry
- More constant depth of cut and far fewer blade changed compared to abrasive blades; great for cutting concrete, concrete curbing, brick or block walls, expansion joints, precast and prestressed materials and much more
- Application - General purpose long life

Item #	Size(in)
DP26137	12x.110
DP26420	14x.110

DIAMOND PRODUCTS

Dry Turbo Saw Blades

Economy

- Economy green turbo blades
- Designed for use on right-angle grinders, high speed, portable electric, masonry and tile saws
- Advanced, high-density metal bond technology and high diamond concentration
- Long life and smooth cutting in the widest range of materials
- Application: General purpose, smooth cutting, long life

Item #	Size	Desc.
DP23755	4 in. x .080	Green Turbo Blade
DP12489	7 in. x .095	Gold Dry Turbo Blade
DP12286	4½ in. x .080	Orange Dry Turbo Blade
DP12290	5 in. x .080	Orange Dry Turbo Blade
DP12292	6 in. x .080	Orange Dry Turbo Blade
DP12298	7 in. x .095	Orange Dry Turbo Blade
DP12319	12 in. x .125	Orange Dry Turbo Blade
DP12327	12 in. x .125 x 20mm	Orange Dry Turbo Blade
DP12331	14 in. x .125	Orange Dry Turbo Blade

DIAMOND PRODUCTS

High Speed Saw Blades

Heavy-Duty Orange Dry

- Designed for fast, smooth cutting in smooth, cutting in many materials
- More constant depth of cut and far fewer blade changes compared to abrasive blades
- Great for cutting concrete, concrete curbing, brick or block walls, expansion joints, precast and prestressed materials and much more

Item #	Size (in.)
DP53729	12x.110
DP53735	12x.125
DP53737	14x.110
DP53741	14x.110
DP53742	14x.125
DP53743	14x.125

DIAMOND PRODUCTS

Masonry Saw Blades

- For the contractor who wants to make intermittent cuts without water for patch/repair work or expansion joints
- Much more efficient than abrasives for speed and consistent depth
- Our .125 wide blades may now be used on high speed cutoff saws

Item #	Size	Desc.
DP11156	12 in. x .125	HD Orange Asphalt Blade
DP11162	14 in. x .125	HD Orange Asphalt Blade
DP44889	8 in. x .125 x 1	Early Entry Orange Blade
DP44490	8 in. x .125 x 1	Early Entry Orange Blade

DIAMOND PRODUCTS

High Speed Saw Blades

Imperial Purple

- High quality, long life
- General purpose cutting in hard materials
- Dry or wet cutting

Item #	Size (in.)
H8I - General purpose	
DP85149	
DP78976	
DP96480	
H10I - Asphalt, brick and block	
DP15376	
DP15379	
DP15381	

DIAMOND PRODUCTS

Dry Grinders

Spiral Turbo Cup

- The most efficient way to grind all types of concrete, masonry, brick, block and stone
- Ring cup grinder is ideal for beveling, smoothing and shaping concrete, masonry and stone surfaces
- May be used on most right-angle grinders
- Note: All cup grinders come with 5/8"-11 threaded arbor

Item #	Desc.	Side Rail Length (ft)
DP17943	Orange Spiral Turbo Cup Grinder with 10 Segs	4” x ⅝-11
DP15096	Orange Spiral Turbo Cup Grinder with 24 Segs	7” x ⅝-11

DIAMOND PRODUCTS

Standard Gold

Cup Grinders

The most efficient way to grind all types of concrete.

Item #	Size	Style
DP07442	4” x 5/8-11	Single Row
DP07429	4” x 5/8-11	Double Row
DP07439	4” x 5/8-11	Ring
DP28508	5” x 5/8-11	Single Row
DP07431	5” x 5/8-11	Double Row
DP07450	7” x 5/8-11	Single Row
DP07434	7” x 5/8-11	Double Row

DIAMOND PRODUCTS

Standard Gold

Turbo Cup Grinders

- Angled segments for faster grinding
- General grinding and medium removal
- Spiral turbo for a fast grind

Item #	Size
DP17846	4” x 5/8-11 (9 seg)
DP23177	4” x 7/8” (9 seg)
DP16410	7” x 5/8-11 (12 seg)
DP17834	7” x 7/8” (12 seg)
DP15263	7” x 5/8-11 (24 seg)

DIAMOND PRODUCTS

Star Blue

Cup Grinders

The most efficient way to grind all types of concrete.

Single Row:

- General grinding

Double Row:

- General grinding with smooth finish

Item #	Size	Style
DP77383	4” x 5/8-11	Single Row
DP77502	4½” x 5/8-11	Single Row
DP77542	7” x 5/8-11	Single Row
DP70360	4” x 5/8-11	Double Row
DP70387	4½” x 5/8-11	Double Row
DP70391	7” x 5/8-11	Double Row

Husqvarna

HUSQVARNA

General Purpose Grinding Cups

Premium Dry Cutting

- Silicon carbide specification wheel is used for general purpose work; concrete and masonry products, cast iron, ductile iron and titanium
- For fast, efficient grinding and long life
- Grinding cup wheels include steel backs for increased safety

Item #	Size
TA22984	4” x 2” x 5/8-11
TA40S006	5” x 2” x 5/8-11
TA40S10	6” x 2” x 5/8-11

HUSQVARNA

General Purpose Abrasive Blades

Concrete/Masonry Dry Cutting

- For general purpose cutting of concrete and masonry materials
- Outstanding speed, blade life and cost efficiency

Item #	Size
TA23019	12” x 1/8” x 1”
TA23020	12” x 1/8” x 20mm
TA23021	14” x 1/8” x 1”
TA23022	14” x 1/8” x 20mm

HUSQVARNA

General Purpose Abrasive Blades

Metal Dry Cutting

- For general purpose blade for cutting metal
- Outstanding speed, blade life and cost efficiency

Item #	Size
TA23023	12” x 1/8” x 1”
TA23024	12” x 1/8” x 20mm
TA23025	14” x 1/8” x 1”
TA23026	14” x 1/8” x 20mm

Concrete Tools & Supplies

Husqvarna

HUSQVARNA

General Purpose Abrasive Blades

Cast/Ductile Iron Dry Cutting

- For general purpose cutting of cast iron and ductile iron
- Outstanding speed, blade life and cost efficiency

Item #	Size
TA23027	12” x ⅛” x 1”
TA23028	12” x ⅛” x 20mm
TA23029	14” x ⅛” x 1”
TA23030	14” x ⅛” x 20mm

HUSQVARNA

General Purpose Abrasive Blades

Asphalt Dry Cutting

- For general purpose asphalt cutting blade
- Outstanding speed, blade life and cost efficiency

Item #	Size
TA23033	14” x 5⁄32” x 1”

HUSQVARNA

High-Speed Concrete Abrasive Blades

Super Premium Dry Cutting

- Will cut most concrete and masonry
- Blades have maximum performance featuring a unique grain/bond formula that is flat-woven and triple reinforced for added strength

Item #	Size
TA24511211	12” x ⅛” x 1”

HUSQVARNA

Shaft Extensions

Item #	Thread	Size (in.)
TA541201737	1¼"-7	12
TA541400067	1¼"-7	6
TA541400070	⅝"-11	6

HUSQVARNA

High-Speed Metal Abrasive Blades

Super Premium Dry Cutting

- Metal cutting blade
- Blades have maximum performance featuring a unique grain/bond formula that is flat-woven and triple reinforced for added strength

Item #	Size
TA25511111	12” x ⅛” x 1”
TA25411111	14” x ⅛” x 1”

HUSQVARNA

Threaded Shaft Adapters

Item #	Female	Male
TA541201736	1¼"-7	⅝"-11
TA541404610	⅝"-11	1¼"-7

HUSQVARNA

45° Bevel Tuckpoint Saw Blades

General Purpose Dry/Wet

- The 45° Bevel Tuckpoint blade is used for crack chasing and mortar removal between brick and block
- A great multi-purpose blade for the restoration market
- V-shaped segments leave a clean groove for easy filling and repair

Item #	Size
TA520031	4” x .375 x ⅞ - ⅝ B
TA520032	7” x .375 x ⅞ - ⅝ B

HUSQVARNA

Super Premium Diamond Blades

General Purpose Dry/Wet Cutting

HI Series

- HI5 - fast cutting of a wide variety of materials on the first pass, such as cured concrete and brick; only all-purpose diamond blade with aggressive notched segments which grab and grind material for a rapid first cut
- HI9 - cuts green concrete with soft to medium aggregate and provides long life

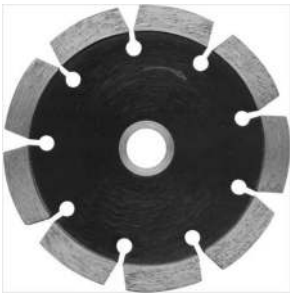
Item #	Desc.	Size
TA542774540	HI5	12” x .125 x 1” DP -20mm B
TA542774541	HI5	14” x .125 x 1” DP -20mm B
TA581291	HI9	14” x .125 x 1” DP -20mm B

Husqvarna

HUSQVARNA

DT5+ Tuckpoint Saw Blades

General Purpose Dry/Wet



- The DT5+ soft bond blade is used to quickly remove mortar between brick and block

Item #	Size
TA542774593	4½" x .250 x ⅞ - ⅝ B

HUSQVARNA

Super Premium Diamond Blades

MI5 General Purpose Dry/Wet Cutting

MI Series

- The MI5 blade fast cuts a wide variety of materials on the first pass, such as brick and some block
- This all-purpose diamond blade is the only one with aggressive notched segments which grab and grind material for a rapid first cut

Item #	Size
TA542774809	14" x .125 x 1" DP
TA542774817	20" x .140 x 1" DP

HUSQVARNA

Premium Diamond Blades

Dry/Wet Cutting

EH Series

- EH5 is a general purpose blade used for cutting concrete, masonry and stone
- EH8 blade will cut a wide range of abrasive materials such as soft brick, abrasive block, and green concrete or cured concrete with soft aggregate

Item #	Desc.	Size
TA542775594	EH5	12" x .125 x 1" DP - 20mm B
TA542778735	EH5	14" x .125 x 1" DP - 20mm B
TA542775596	EH8	12" x .125 x 1" DP - 20mm B
TA542775597	EH8	14" x .125 x 1" DP - 20mm B

HUSQVARNA

Quality Diamond Blades

VH5 General Purpose Dry/Wet Cutting

VH Series

- General purpose blade for cutting cured concrete and brick

Item #	Size
TA542777987	14" x .118 x 1" DP - 20mm B

HUSQVARNA

Super Premium Diamond Blades

General Purpose Dry/Wet Cutting

Barracuda™

- The Barracuda™ blade is for cutting almost any masonry, tile, stone or hard concrete material
- It is a fast, smooth cutting blade

Item #	Size
TA542761427	4½" x .085 x⅞ - 20mm -⅝ B
TA542761431	8" x .085 x DM - ⅞ - ⅝ B
TA542761433	10" x .100 x ⅞ - ⅝ B

HUSQVARNA

Super Premium Diamond Blades

General Purpose Dry/Wet Cutting

TSD-T Dri Disc®

- Use the TSD-T blade for fast, smooth cutting of a variety of materials, including stone, tile, brick, concrete and masonry
- Gives turbo performance at an affordable price

Item #	Size
TA542761416	4" x .080 x ⅞ - 20mm - ⅝ B
TA542761420	7" x .095 x DM - ⅞ - ⅝ B

Husqvarna

HUSQVARNA

Super Premium Diamond Blades

MS Brick & Block Dry/Wet Cutting

Banner Line®

- Blue 1 BLM blade can be used to cut general purpose medium-hard to hard brick, stone and hard concrete block
- Red 1 BLM blade for general purpose cutting of brick and hard paving block (50% brick, 50% block), can also cut abrasive granite

Item #	Desc.	Size
TA542750666	Blue 1 BLM	20” x .125 x 1 DP
TA542750667	Red 1 BLM	14” x .110 x 1 DP

HUSQVARNA

Super Premium Diamond Blades

GH General Purpose Abrasive

GH Series

- For fast cutting of asphalt, asphalt over concrete and some abrasive green concrete

Item #	Desc.	Size
TA580601	GH10	14” x .125 x 1 DP - 20mm B

HUSQVARNA

Premium Diamond Blade

Hard Materials Dry/Wet Cutting

TXS-S Dri Disc®

- Fast cut a wide variety of materials including concrete, brick, masonry and stone
- Designed for small to medium jobs

Item #	Size
TA542774902	7” x .090 x DM - 7/8 - 5/8 B

HUSQVARNA

Diamond Grinding Discs

GW Series

Dri Disc®

- GW1 is for fast removal (single rim) on concrete, masonry, stone and similar materials
- The GW2 is for long life and smooth finish (double rim) on concrete, masonry, stone and similar materials
- GW Turbo is for a faster and smoother finish (segment turbo) on concrete, masonry, stone and similar materials

Item #	Rim	Size
TA580735	GW1 (single)	4” x 5/8 -11 THD
TA580736	GW2 (double)	4” x 5/8 -11 THD
TA580737	GW1 (single)	7” x 5/8 -11 THD
TA580738	GW2 (double)	7” x 5/8 -11 THD
TA580761	GW1 (single)	4” x 7/8 - 5/8 B
TA580762	GW2 (double)	4” x 7/8 - 5/8 B
TA580763	GW1 (single)	7” x 7/8 - 5/8 B
TA621679	Turbo	7” x 5/8 -11 THD
TA621715	Turbo	4” x 5/8 -11 THD

HUSQVARNA

Premium Diamond Blades

Hard Materials Dry/Wet Cutting

TSD-S Dri Disc®

- Fast cutting a wide variety of materials, including concrete, masonry, brick and stone

Item #	Size
TA542761412	7” x .095 x DM - 7/8 - 5/8 B
TA542761413	8” x .095 x DM - 7/8 - 5/8 B

HUSQVARNA

Porcelain + High Production Tile Blades

Wet Cutting

Superlok®

- Makes fast, smooth, chip-free cuts
- Use this blade to cut porcelain tile, granite and other stone materials
- Thicker core specification provides straighter, chip-free cutting during high production sawing

Item #	Size
TA542761276	10” x .060 x 5/8

Husqvarna

HUSQVARNA

High Production Tile Blades

General Purpose Wet Cutting

Superlok®

- Make fast, smooth cuts in a wide variety of soft to hard ceramic tile, marble and porcelain

Item #	Size
TA542761268	7” x .060 x 5/8
TA542761270	10” x .060 x 5/8

HUSQVARNA

Diamond Core Bits DRI8

General Purpose Wet/Dry Cutting

Dri Bits™

- Designed for long life drilling in lightweight block or concrete block materials on hand drills or angle grinders
- Can also be used for long life drilling of brick on hand drills
- Specially designed barrel vents keep bits cool and provide fast removal of cuttings (mount bits directly onto standard 5/8"-11 grinder spindles)
- Drill faster than conventional carbide-tipped percussion bits for a smoother finish

Item #	Size (in.)
TA542750649	1
TA542750651	1½
TA542750653	2
TA542750655	2½
TA542750656	3
TA542750658	4
TA542750660	5

HUSQVARNA

Super Premium Diamond Blades

Multi-Application Dry/Wet Cutting

Barracuda™

- Fast, smooth cutting on almost any masonry, tile, stone or hard concrete material

Item #	Size
TA772180	12” x .125 x 1 DP - 20mm B
TA772182	14” x .125 x 1 DP - 20mm B

HUSQVARNA

Premium Diamond Blades

Wet Cutting

Vanguard® II

- Cuts soft to medium aggregates with light steel reinforcing

Item #	Desc.	Size
TA773204	Blue 250V	14” x .110 x 1 DP

HUSQVARNA

Super Premium Diamond Blades

Wet Cutting

Banner Line®

- Blue 200B blade is a general purpose blade used to cut soft to medium-hard aggregate with light steel reinforcing
- Blue 300B blade cuts soft to medium-soft aggregate and can also be used for cured joint widening
- Red 450B-R blade is used for cutting green concrete, asphalt over concrete or asphalt with hard aggregate. Undercut protection is standard on this blade
- Black 500B-R blade has an extra long life when cutting abrasive asphalt. Undercut protection is standard on this blade

Item #	Desc.	Size
TA773236	Blue 200B	14” x .110 x 1 DP
TA773238	Blue 300B	14” x .110 x 1 DP
TA773240	Red 450B-R	14” x .110 x 1 DP
TA773242	Black 500B-R	14” x .110 x 1 DP

HUSQVARNA

OilGuard Premium 2-Stroke Engine Oil

OilGuard oil is a high-quality two-stroke oil developed specially for dusty environments. It is easily recognized by its yellow colour. The oil can be used in any premium two-stroke engine, to provide maximum performance and lubrication.

Item #
TA504-06-72-01

Husqvarna

HUSQVARNA

Foam Filter Oil

- Helps to trap airborn dirt, dust and sand to optimize engine performance

Item #
TA505-51-03-02

HUSQVARNA

Max Performance Diamond Core Bits

Wet Cutting

- B5500 Standard bit has the longest life and lowest cost per hole when drilling a wide range of critically hard materials with steel reinforcing; also for brick and block
- B5500 FC is for the fastest possible drilling on critically hard materials like concrete with heavy reinforcing; effective on granite, marble and other stone material

Item #	Size (in.)
B5500 Standard	
TA542785150	2
TA542785152	2½
TA542785154	3
TA542785156	3½
TA542785157	4
TA542785160	5
TA542785162	6
TA542785165	8
B5500 FC	
TA542785111	1
TA542785112	1⅛
TA542785115	1½
TA542785118	2
TA542785120	2½
TA542785122	3
TA542785125	4
TA542785128	5
TA542785130	6

BUILDINGS AND MATTERS

BUILDINGS AND MATTERS, LLC

Hole Covers

- The industry's only core cover with a water-tight seal that keeps water out of open holes during construction
- Unique Dome Profile Has Many Benefits: optimizes material usage, minimizes tripping hazards, distributes structural capacity evenly - regardless of the diameter, allows holes as small as 2 inches apart to be covered, uses post-consumer recycled polypropylene that can be recycled
- Fluorescent Yellow
- No tools needed, simply press fit into hole until underside of rim is flush with floor
- Temperature Range: -20º F to 120º F
- Loads: Safety Factor >4 for a 150 psf load, >2 for a 250 pound load at the center
- To remove pry up with screwdriver (or similar tool) using the two slots on the underside of rim
- Made In The USA

Item #	Size Dia. (in.)
HP-P002.0	2
HP-P002.5	2½
HP-P003.0	3
HP-P003.5	3½
HP-P004.0	4
HP-P004.5	4½
HP-P005.0	5
HP-P005.5	5½
HP-P006.0	6
HP-P007.0	7
HP-P008.0	8
HP-P009.0	9

Quickly and easily cover holes in decks.

- **Reusable**
- **No more plates or plywood**
- **Removes tripping hazard**

JIFFY MIXER

Mixers

- Jiffy Mixer is an all purpose, heavy duty, extremely efficient industrial/commercial mixer.
- It is designed to quickly and thoroughly mix dense and viscous substances in an open container.
- It is equally effective with liquids, dry materials, liquid and dry materials combined, or multiple component materials.
- Made of stainless steel 304, its patented construction and design is for mixing, not just stirring.
- The leading edge of the lower horizontal blade will scrape the bottom of the mixing container to bring all settled material particles into the mixing unit.
- Jiffy Mixers operate with both electric and air-driven chucked power tools
- Pools with 450-750 rpms give the best rate of thorough mixing.

- Applications: Adhesives, sealers, cement, coatings, mortar, stains, . . .

LM is for pint containers
HS is for 1-2 gallon containers
ES is for 2-5 gallon containers
PS-1 with a 20 1/2" shaft is for 5-10 gallon containers
PS-2 with a 40" shaft is for 10-50 gallon containers
HD is for 75-100 gallon containers

Item #	Shaft Length (in.)	Container Size	Top Diameter (in.)	Bottom Diameter (in.)	Depth of Head (in.)	Shaft Diameter (in.)
JMLM	10¼	pint	1¼	1⅜	¼	
JMHS-1	10¼	1-2 gal.	2⅝	2⅜	¼	
JMHS-2	14¾	1-2 gal.	2⅝	2⅜	¼	
JMHS-3	30	1-2 gal.	2⅝	2⅜	¼	
JMES	20½	2-5 gal.	3¼	3¾	⅜	
JMPS-1	20½	5-10 gal.	4⅝	5⅛	5	½
JMPS-2	40	10-50 gal.	4⅝	5⅛	5	½
JMHD	40	75-100 gal.	8½	9¾	10	¾

MARSHALLTOWN TROWEL CO.

Rub Bricks

20-Grit

- Fluted silicon carbide stone
- Comfortable handle securely attached
- Ideal for dressing down and removing form marks from concrete

Item #	Size (in.)
MS841	8x3½x1½

MARSHALLTOWN TROWEL CO.

Wood Backed Concrete Brooms

Black Polypropylene Bristles

- Long wearing 2-3/4" black polypropylene bristles set solidly into a natural lacquered hardwood block
- Threaded hole accepts any standard broom handle
- Ideal for applying non-slip finish to newly finished concrete surfaces

Item #	EDI	Size (in.)
MS847	847	36

Concrete Tools & Supplies

MARSHALLTOWN TROWEL CO.

Masonry Brushes

- Bristles made of white tampico fiber and are set in hardwood block

Item #	Size (in.)
MS829	6½x1¾

MARSHALLTOWN TROWEL CO.

Bucket Brush with Tampico Bristles

- Made of four rows of 3-1/2" long white tampico bristles
- 6" plastic handle with hang clip to hook on side of bucket

Item #	Size (in.)
MS521	6x1¾

MARSHALLTOWN TROWEL CO.

Short Handle Acid Brush

- Bristles made with Tampafil plastic set in high-tensile strength foam plastic block
- Recommended for use in acid solutions to clean mortar from bricks and concrete from wood or metal forms and tools

Item #	Size
MS6523	8” Handle

MARSHALLTOWN TROWEL CO.

Concrete Darby

Mahogany

- Made from straight grain mahogany
- Unique two-way tapered blade
- 3-1/2” wide by 3/4” thick at the heel

Item #	Length (in.)	Handle	Wt
MS150	28	Single Loop	1.65
MS152	36	Two Loop	
MS151	45	Three Loop	2.56

MARSHALLTOWN TROWEL CO.

Tapered Magnesium Darby

DuraSoft® Handle

- The same lightweight, durable extrusion as our magnesium floats
- Blade is tapered from 3" at the heel to 2" at the toe

Item #	Length (in.)
MS4615	30

MARSHALLTOWN TROWEL CO.

Blue Steel Edgers

Straight End

Marshalltown®

- Heavy gauge blue steel high carbon blade
- Used to produce a radius at the edge of a concrete slab to prevent the edge from chipping

Item #	Size (in.)	Radius (in.)	Lip (in.)
MS162B	6 x 6	⅜	½
MS163B	6 x 6	½	⅝
MS166B	9 x 6	½	⅝
MS167B	9 x 6	¾	⅞

MARSHALLTOWN TROWEL CO.

Straight Ends Concrete Edger

DuraSoft® Handle

- Heavy gauge high carbon steel blade
- Used to produce a radius at the edge of a concrete slab to prevent the edge from chipping

Item #	Size (in.)	Radius (in.)	Lip (in.)
MS36D	6 x 3	⅜	½

MARSHALLTOWN TROWEL CO.

Concrete Edger

Straight Ends

- Heavy gauge high carbon steel blade
- Used to produce a radius at the edge of a concrete slab to prevent the edge from chipping

Item #	Size (in.)	Radius (in.)	Lip (in.)
MS120D	8 x 6	⅜	½

MARSHALLTOWN TROWEL CO.

Walking Concrete Edger

- Made of heavy gauge blue steel
- Slightly convex blade prevents gouging
- Use our #9 or #10 handle (sold separately)
- Used to produce a radius at the edge of a concrete slab to help prevent the edge from chipping off

Item #	Size (in.)	Radius (in.)	Lip (in.)
MS124B	9 x 6	3⁄8	1⁄2

MARSHALLTOWN TROWEL CO.

Magnesium Hand Floats

Beveled Ends

- Extruded from very hard, durable, lightweight magnesium
- Comfortable handle is positioned to give the tool perfect balance
- Magnesium floats produce a smoother finish than wood

Item #	Size (in.)	Handle	Wt
MS142	12 x 3⅛	Wood	1.4
MS145D	16 x 3⅛	DuraSoft®	1.65
MS145SH	16 x 3⅛	Structural Foam	
MS146D	20 x 3⅛	DuraSoft®	

MARSHALLTOWN TROWEL CO.

Magnesium Bull Float

Square End

- Made from the finest extruded magnesium available
- Lightweight, long wearing and properly balanced to provide the finish you want

Item #	Size (in.)
MSB42	42 x 8
MSB45	45 x 8
MSB48	48 x 8

MARSHALLTOWN TROWEL CO.

Rubber Floats

- 5/8" thick red rubber bonded to aluminum backing plate
- Used by plasterers & other finishers for textured finishes

Item #	Size (in.)
MS38	9 x 4 Fine

MARSHALLTOWN TROWEL CO.

Rubber Floats

Aluminum Backing Plate

- Molded black rubber pad is very comfortable and has a dense texture
- Float face is permanently cemented to the lightweight aluminum backing

Item #	Size (in.)
MS40	9 x 4

MARSHALLTOWN TROWEL CO.

Fine Plastic Foam Float

- Fine cell plastic foam pad specially bonded to an aluminum backing plate

Item #	Size (in.)
MS46G	9½ x 4

MARSHALLTOWN TROWEL CO.

Magnesium Bull Float

Round End

- Made from the finest extruded magnesium available
- Lightweight, long wearing and properly balanced to provide the finish you want

Item #	Size (in.)
MSB48FR	48 x 8

MARSHALLTOWN TROWEL CO.

Blue Glider with Rounded Ends

- Made of blue spring steel
- A C-channel runs the length of the gliders to help strengthen the blade

Item #	Size (in.)
MSBG48	48 x 12⅜

MARSHALLTOWN TROWEL CO.

Walking Groovers

Zinc Double End

- Made from high-quality, long wearing zinc
- Has the weight and finish to cut quickly and cleanly
- Double end bit permits use in either direction

Item #	Size (in.)	Radius (in.)	Bit (in.)
MS836	8 x 4⅜	¼	1 x ⅜

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Concrete Tools & Supplies

MARSHALLTOWN TROWEL CO.

Concrete Groover

Stainless Steel

- Blade made of stainless steel
- Properly shaped bit and leading edge cuts a sharp groove
- Bit Size: 1/4" radius, 1/2" width, 1/2" depth

Item #	Size (in.)
MS180D	6 x 3

MARSHALLTOWN TROWEL CO.

Drywall Hammer

16" Hickory Handle

- Wedge shaped steel blade is notched underneath and doubles as a nail puller
- Lightweight and perfectly balanced

Item #	Weight (oz.)
MS800	12

MARSHALLTOWN TROWEL CO.

Wood Handle

With Steel Clevis

Wood handles are fitted with a steel clevis

- For use with both fresno trowels and walking edgers
- Size: 6'
- Diameter: 1-1/2"

Item #
MS10

MARSHALLTOWN TROWEL CO.

QLT Powder Coated Blue Aluminum

Push Button Handle Section

- Constructed of thick-walled aluminum tubing
- Quick connect snap spring positively lock handles in place

Item #	Length (in.)	Dia (in.)
MS17-6ASU	72	1⅜

MARSHALLTOWN TROWEL CO.

Wood Pole Sander Handle

- Made from hardwood
- Steel end cap for setting nails

Item #	Size (in.)
MS28L	60

MARSHALLTOWN TROWEL CO.

Curved Wood Trowel Handle

- Curved wood finishing trowel handle
- Will fit all of our Marshalltown finishing trowels

Item #
MS402

MARSHALLTOWN TROWEL CO.

Threaded Aluminum Handle Section

- The large threads can be combined with similar handles made by others

Item #	Length (in.)	Dia (in.)
MSB5-72	72	1¾

MARSHALLTOWN TROWEL CO.

Aluminum Hawk

- Made of heavy gauge, hard-rolled aluminum
- Lightweight but durable
- Edges have been smoothed and the corners rounded
- Has a threaded 3-5/8" flange
- Used for holding plaster during application

Item #	Size (in.)
MS1D	13 x 13

MARSHALLTOWN TROWEL CO.

Blue Steel Taping Knife

DuraSoft® II Handle

- Tapered blade for corner work
- One of the most lightweight knives on the market

Item #	Size (in.)
MS4510D	10 x 3
MS4512D	12 x 3

MARSHALLTOWN TROWEL CO.

Jiffler Mixer ®

3-1/2" Wheels

- Plated steel wheels
- Wheels can be adjusted on the shaft
- Unique action mixes fast as the lower wheel cuts upward and upper wheel downward to create counter flow

Item #	Size (in.)	Shaft (in.)
MS893	3½	16

MARSHALLTOWN TROWEL CO.

Aluminum Concrete Placer

- Light aluminum mounting bracket that mounts over the blade
- Has new open blade design and is contoured for added strength

Item #	Size (in.)	Blade (in.)
MSAP738	54 x 1⅛	19½ x 4

MARSHALLTOWN TROWEL CO.

QLT All Aluminum Concrete Placer

- Aluminum construction, powder coated
- Braced for additional strength
- Soft grip end-cap

Item #	Size (in.)	Blade (in.)
MSAP753H	60	19½ x 4

MARSHALLTOWN TROWEL CO.

QLT Lightweight Aluminum Concrete Placer

- Strong, lightweight aluminum head
- Head is powder coated and braced for additional strength

Item #	Size (in.)	Blade (in.)
MSAP867H-5	54	19½ x 4

MARSHALLTOWN TROWEL CO.

Steel Spred-Kretes

- Blade is 12 ga. cold rolled steel
- Steel ferrule welded securely to blade holds contoured handle firmly in place
- Superior to a jam type connector
- Used for spreading, grading, and striking off concrete

Item #	Size (in.)
MS826	20 x 4
MS828	54 x 1¼

MARSHALLTOWN TROWEL CO.

Floor Scrapers

- 60" steel handle welded to angle iron bracket
- 1-1/8" diameter handle

Item #	Desc.	Size (in.)
MS820	Floor Scraper	20 x 4½
MS820B	Replacement Blade	20 x 4½

MARSHALLTOWN TROWEL CO.

Magnesium Alloy Screed

- Made from the finest magnesium alloy available, won't rust or rot
- End capped to prevent concrete from getting inside

Item #	Size (ft. x in. x in.)
MS822	12 x 2 x 4
MS825	16 x 2 x 4

MARSHALLTOWN TROWEL CO.

Big Diamond Concrete Tamper

- Reinforced splash-way grill
- Built to take the pounding and stay flat
- Properly balanced handle with rubber grips to ensure easy, safe handling

Item #	Size (in.)
MST34	34 x 7½

MARSHALLTOWN TROWEL CO.

Blue Steel Step Tool

- 90º blade angle
- Made of blue steel

Item #	Size (in.)	Radius (in.)	Type
MS174B	6 x 6 x 6	½	Cove (Inside)
MS175B	6 x 6 x 3	½	Nose (Outside)

MARSHALLTOWN TROWEL CO.

Finishing Trowels

High Carbon Steel

- Highest grade hardened and tempered spring steel blade, properly shaped
- Beveled work edges prevent surface aggregate popping

Item #	Size (in.)	Handle
MSMXS57D	14 x 3	DuraSoft®
MSMXS60D	16 x 3	DuraSoft®
MSMXS64D	14 x 4	DuraSoft®
MSMXS66D	16 x 4	DuraSoft®
MSMXS81D	18 x 4	DuraSoft®
MSMXS20D	20 x 4	DuraSoft®
MSMXS205	20 x 5	Hardwood

MARSHALLTOWN TROWEL CO.

Fully Rounded Finishing Trowel

High Carbon Steel

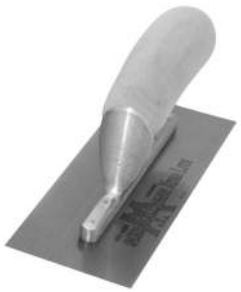
- Highest grade hardened and tempered spring steel blade, properly shaped
- Fully rounded ends prevent the blade from digging into the concrete

Item #	Size (in.)	Handle
MSMXS66RE	16 x 4	Curved Wood
MSMXS81FRD	18 x 4	DuraSoft®
MSMXS205FR	20 x 5	Curved Wood
MSMXS205RD	20 x 5	DuraSoft®

MARSHALLTOWN TROWEL CO.

Midget Trowels

Durasoft® Xtralite®



- Aluminum alloy Xtralite® mounting is lightweight but very strong
- Curved natural finish hardwood handle

Item #	Size (in.)
MS11	8 x 3

MARSHALLTOWN TROWEL CO.

Narrow London Brick Trowel

w/ DuraSoft® Handle

- Forged from a single piece of high grade tool steel
- Impact area is stronger
- Handle rise is set for the correct hang and balance
- Blade is taper ground and polished

Item #	Size (in.)
MS33 11FG	11 x 4⅞

MARSHALLTOWN TROWEL CO.

Margin Trowel

- Forged from a single piece of high carbon steel
- Tempered, ground, and polished from toe to heel

Item #	Size (in.)	Handle
MS52D	5 x 2	DuraSoft®
MS54	5 x 1½	Hardwood

MARSHALLTOWN TROWEL CO.

Trowel & Square Ornamental Tool

- Perfectly forged and tempered
- Used in the detailing of ornate foam shapes and unusual wall surfaces
- Ideal for plaster work and drywall work in small areas

Item #	Size (in.)
MS13080	⅜ x 8½
MS13081	½ x 9½
MS13082	⅝ x 10½
MS13083	¾ x 10½
MS13084	1 x 10½

MARSHALLTOWN TROWEL CO.

Notched Trowel

Plastic Handle

- Used to spread adhesive or mastic on the base surface before laying tile, carpet, or other floor coverings
- Dual notch patterns

Item #	Size (in.)
MS207	9 x 4

MARSHALLTOWN TROWEL CO.

Margin Trowel

- Tempered steel blade is fully ground and polished

Item #	Size (in.)	Handle
MS97	5 x 2	Hardwood

MARSHALLTOWN TROWEL CO.

Round End Fresno Trowel

- Round ends leave no drag marks
- For use with our #9 or #10 handle (sold separately)

Item #	Size (in.)
MSC24R	24 x 5
MSC30R	30 x 5
MSC36R	36 x 5
MSC48R	48 x 5

MULTIQUIP INC

Portable Concrete Mixer

Electric Mix-N-Go

- The Mix-N-Go is durable, versatile and ideal for users of all skill levels
- Perfect for small footings, bases, patching
- Use as a wheelbarrow or with a stand
- Thick polyethylene drum - Resists rust and dents
- 3 cf mixing capacity

Item #	Desc.
MQMC3-PE	3cf, .75 HP Electric 115V 1F , Includes stand

MULTIQUIP INC

Walk Behind Power Trowel

- A 36-inch ring diameter
- Fully enclosed belt guard
- Access panel provides quick access to trowel arms and blades
- Optimal balance for smooth finishing

Item #	Desc.
MQJ36H55-QXH	4-blade, 36", Honda, 60-115 blade

MULTIQUIP INC

Electric Vibrator Motors

- Large vibration isolated handles protect the motor and operator
- Flow-through ventilation reduces contamination by taking in air from the rear of the motor
- Quick disconnect knob for easy shaft removal

Item #	Amps	Volt/Freq	HP	RPM	Req. Shaft
MQCV1	10	120v 50/60 Hz	1	16,000	314V
MQCV2	15	120v 50/60 Hz	2	18,000	FS
MQCV3	20	120v 50/60 Hz	3	19,250	FS

MULTIQUIP INC

Flexible Vibrator Shafts

314V-Series

- Requires BP25H, CV1 Drive Motors

Item #	Length (ft.)
MQ314V-7	7
MQ314V-10	10

MULTIQUIP INC

Flexible Vibrator Shafts

FS-Series

- Requires BP25H, CV2, CV3, G55H Drive Motors

Item #	Length (ft.)
MQFS7	7
MQFS10	10
MQFS14	14

MULTIQUIP INC

4-Cycle Gasoline Rammers

Our 4-cycle rammers are available with the choice of Honda or Robin engines. The units have lower noise levels, reduced emissions and fuel requirements while increasing performance. No need for mixed fuel.

Item #	Desc.
MQMTX70	Honda GX100, 3350 lbs force 11.2" shoe

MULTIQUIP INC

Plate Compactors

Forward Plate Compactors

- Ideal for compaction of granular soils
- Water tanks on selected models for asphalt applications
- Honda engine

Item #	Centrifgal Force (lbs.)	Exciter Speed	Speed Min (Ft.)	HP	Plate Width (in.)	Weight (lbs.)
MQMVC82VHW	3080	5600	82	4.8	17.7	198

MULTIQUIP INC

Plate Compactors

Reversible Plate Compactors

- High-horsepower gasoline and diesel engines
- Selected models include extension plates as standard
- Hydraulic forward and reverse

Item #	Centrifugal Force (lbs.)	Exciter Speed	Speed Min (Ft.)	HP	Plate Width (in.)	Weight (lbs.)
MQMVH206GH	7860	5200	75	7.1	19.5	459

MULTIQUIP INC

Steel Vibrator Heads

- Round head radiates vibration in all directions
- Case hardened tip for extra durability
- Extra thick shell resists wear

Item #	Head Type	Dia (in.)	Length (in.)	Req. Shaft	Req. Drive Motor
MQ1400HD	Steel	1⅜	15¼	FS	BP25H, CV2, CV3, G55H
MQ1700HD	Steel	1 11/16	15	FS	BP25H, CV2, CV3, G55H
MQ2100HD	Steel	2⅛	13¼	FS	BP25H, CV2, CV3, G55H

OZTEC

OZTEC INDUSTRIES, INC.

Steel Vibrator Heads

- Produce the highest amplitude and centrifugal force, generating the largest radius of influence available
- The benefits are superior consolidation, increased productivity, and a process that is more "forgiving" of less than perfect vibration technique
- High frequency-low amplitude for narrow, delicate forms or filling ICFs

Item #	Head Diameter (in.)	Radius of Action "R" (in.)	X = 1½ Times Radius of Action (in.)	Amplitude. Centerline to Side (in.)	Centrifugal Force (lbs.)	Compaction Rate (ydsŠ/hr)
OZH175OZ	1¾	9	14	0.08	1200	8 - 16

OZTEC INDUSTRIES, INC.

Concrete Vibrators

Electric-Powered Drive Motors

- Lightweight, compact and with the included comfortable shoulder strap, become a one man power unit that will speed through the stiffest concrete
- Fully interchangeable and reversible flexible shafts (2 ft. to 21 ft. shafts can be coupled for longer lengths)
- Hooks for shoulder strap
- Larger rubber shock absorbers
- Full wrap around protective frame
- Standard with the Quick Disconnect "QD" system
- Changing shafts and heads on the job is a snap
- Units meet all United States OSHA Standards

Item #	Amps	HP	Max Head Steel (in.)	Max Head Rubber (in.)
OZ1.8OZ	15	1¾	None	
OZ2.4OZ	17	2¼	2	2¾ Short

OZTEC INDUSTRIES, INC.

Flexible Vibrator Shafts

- Inner cores are made from extra-high carbon steel wires with casings made from tough abrasion resistant neoprene rubber, reinforced with multiple layers of high tensile wire braiding with a hardened flat steel liner
- Rigid enough for driving into the stiffest concrete without kinking yet limber and non-slip for easy and effective handling
- Interchangeable on all Oztec power units, are reversible (doubling their service life), and come supplied with "quick change" adapters

Item #	*Shaft Length (ft.)
OZFS10OZ	10
OZFS14OZ	14
OZFS21OZ	21

PRIMESOURCE

PRIMESOURCE

Tie Wire

- Used for tying rebar or similar applications
- 16.5 gauge

Item #	Desc.
BCTW16	3½ lbs. Roll

PRIMESOURCE

Merchant Wire

- Galvanized smooth coil wire
- 9 ga., 100 lb. coil

Item #
PRMSWG9100

JACKSON

JACKSON SAFETY

Rebar Protector Caps

BarGard®

- Constructed of heavy-duty polyethylene
- BarGard® helps prevent injury from exposed rebar, pipe, or rod ends that stick out
- Bright orange/lime green colored caps are easy to see and easy to use
- BarGard® can also be used to protect threaded bars, bolts, or pipe ends

Item #	Desc. (in.)
JS3005543	A-10 Fits rebars ⅜ to 1¾ dia. and 1¾ ID pipe
JS3005545	A-20 Fits rebars 1 to 2¼ dia.
JS3005547	A-5 Fits rebars ⅜ to ¾ dia. and 1 ID pipe

JACKSON

JACKSON SAFETY

Rebar Protector Caps

CAL-OSHA

BarGard®

- Fits rebar #3-7, 3/8" to 7/8" diameter
- Stands up to weather and temperature conditions
- Metal reinforced/safety orange color

Item #	Model
JS3011839	DISC-10

Call Edge for submittal information.

RAVEN INDUSTRIES

RAVEN INDUSTRIES

Underslab Vapor Retarder Seam Tape

VaporBlock™

- White single-sided tape combines a heavy-duty, weather-resistant polyethylene backing with an aggressive rubber adhesive
- Typical applications include vapor retarders, covers and liners

Item #	Size (ft.)
RNVAPOR BOND	4 x 210 roll

RAVEN INDUSTRIES

Underslab Vapor Retarder Boot Kit

VaporBlock™

- The VaporBoot System is designed to assist in securing pipe and other penetrations that run vertically through the vapor retarder material
- VaporBoots are produced from high performance VaporBlock™ material with a precut center marker

Item #	Size (in.)
RNVAPOR BOOT	18 x 18

RAVEN INDUSTRIES

Underslab Vapor Retarder/Barrier

VaporBlock™

- VaporBlock™ is a high performance underslab vapor retarder designed to retard moisture migration through concrete slabs-on-grade

Item #	Thickness (mil)	Size (ft.)	Classification	Tensile Strength (New Material) (lbs/in)	Tensile Strength (After Exposure) (lbs/in)	Puncture Resistance (g)	Max Use Temp (°F)	Min Use Temp (°F)	Permeance	UoM
RNVB10	10	15x200	Class A, B, & C	52	53	2,600	180	-70	.0146	RI
RNVB15	15	12x200	Class A, B, & C	88	82	4,000	180	-70	.009	RI

SONOTUBE®

Round Concrete Tube Forms

- Rain-resistant technology keeps wet weather from impacting your pour
- Easier to setup and brace so multiple columns can be poured at one time
- Superior strength-to-weight properties prevent blowouts

Item #	Dia. (in.)	Length (ft.)
SOT8-12	8	12
SOT10-12	10	12
SOT12-12	12	
SOT18-12	18	12
SOT24-12	24	12
SOT36-12	36	12
SOT48-12	48	12

INDUSTRIAL THERMO POLYMERS

Tundra Foam Backer Rod

Backing Material

- Ideal non-gassing backup material that is inserted into construction and pavement joints to control sealant depth
- Creates a backstop to facilitate accurate sealant tooling and configuration
- Permits proper sealant airing, yielding a quality bond breaker between the backup material and the sealant
- Suitable for expansion and contraction joints, window glazing, curtain wall joints, partitions, precast units and copings, parking decks, bridge construction, etc.
- Compatible both chemically and physically with virtually all known hot pour and cold applied sealants, including silicone and rubber asphalt

Item #	Size (in.)	Package (ft.)
IT78TUNDRA	⅞	1050
IT118TUNDRA	1⅛	600
IT112TUNDRA	1½	350

INDUSTRIAL THERMO POLYMERS

Standard Backer Rod

Backing Material

- Ideal compressible and non-absorbent backup material that is inserted into a joint to control sealant depth
- Creates a backstop to facilitate accurate sealant tooling and proper sealant wetting of the joint surfaces, yielding a quality bond breaker between the backup material and the sealant
- Can also be used as a temporary joint seal
- Suitable for glazing installations, window and door applications, expansion joints, curtain wall joints, partitions, log construction, pavement jobs, repairs, precast units and copings
- Compatible with butyl, polysulfide, acrylic polyurethane, silicone and most other cold applied sealant compositions

Item #	Size (in.)	Spool (ft.)
IT14	¼	2000
IT38	⅜	2100
IT12	½	1250
IT58	⅝	775
IT34	¾	1100
IT1	1	600
IT1-1/4	1¼	400
IT1-1/2	1½	(66) 6 lengths
IT2	2	(38) 6 lengths

SURFACE SHIELDS

Builder Board

- 100% recyclable - at least 33% post consumer
- Heavy-duty, reusable temporary floor protection
- Less expensive and 1/3 the weight of 1/8" masonite
- Tough enough to be driven on - approx. 48 mil. thick

Item #	Desc.
SFBLD38100	38"x 100' Roll

PRIMESOURCE

Construction Stakes

- Durable steel makes it easier to drive in tough soil conditions
- No more mushroomed, splintered or cracked wooden stakes

Item #	Size (in.)	Desc.
RM3/4X18R	¾x18	Round
RM3/4X24R	¾x24	Round
RM3/4X30R	¾x30	Round
RM3/4X36R	¾x36	Round
RM3/4X48R	¾x48	Round

CHAPIN MANUFACTURING INC

Sprayers

Lined Steel

Tri-Poxy®

- Tri-Poxy® lined steel for triple protection against corrosion, rust and damage from denting
- Brass fan spray nozzle for even coverage

Item #
CH1949

CHAPIN MANUFACTURING INC

Industrial Poly Heavy-Duty Sprayer

Acid- and Chemical-Resistant

- Usable Capacity: 3.0 gallons
- Hose Length: 36”
- Extension Tube: 18”
- Nozzle: Brass

Item #
CH2209

CHAPIN MANUFACTURING INC

Sprayers

Backpack

- SPR 4.0G/11.4L Chapin Poly Knapsack
- Internal 4 position spray valve for expert pressure control from 15 psi to 60 psi
- Padded carrying straps for fatigue-free operation

Item #
CH61800

JACKSON SAFETY

Barrier Fence

- Mono-oriented safety fencing with horizontal openings
- Size/Color: 4x100 Orange

Item #
JS3007305

JACKSON SAFETY

Erosion Control Silt Fence

With Stakes

- Used for controlling dirt transfer and erosion
- Woven silt fence is made from UV stabilized, high density polyethylene (HDPE)
- Freezing point of approximately -112F makes this an excellent choice for cold conditions
- Fence design spaces stakes every 10'

Specifications:

- Fence Height: 3 ft.
- Fence Length: 100 ft.
- Fence Color: Black
- Stake Material: Hardwood stakes
- Stake Height: 42”

Item #	Color
JS3007594	Black

BASF
The Chemical Company

SONNEBORN

Maintenance of Concrete

Div.3 03 01 00

Concresive® Standard LVI

Concresive® Standard LVI is a two component moisture-insensitive 100% solids low-viscosity epoxy adhesive. It penetrates cracks and voids, bonding hardened concrete to hardened concrete. It can be mixed with aggregate to make high-strength, high-modulus epoxy concrete and mortars

- Rapid strength gain: Quickly returns repaired areas to service

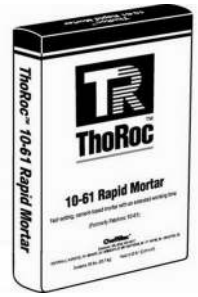
Item #	Size
SO51335577	15.2 oz. biaxial cartridge
SO25013230	3 gal. unit

SONNEBORN

Maintenance of Concrete

Div.3 03 01 00

10-61 Rapid Mortar



10-61 Rapid Mortar is a one-component shrinkagecompensated cement-based mortar with an extended working time. It is designed for repairing horizontal concrete surfaces

- Extended working time: Can be used for deep or large repairs; allows repairs at elevated temperatures
- Excellent resistance to freeze/thaw: Outstanding durability
- Nongypsum based: Volume stability
- Shrinkage compensated: Minimizes cracking from drying shrinkage; reduces stress at the bondline
- Can be extended up to 100% by weight with 3/8" (10 mm) aggregate: Economical applications
- Proprietary cement blend: Bonds to carbonated and noncarbonated concrete substrates

Item #	Size
SO55405340	50 lb. Bag

SONNEBORN

Maintenance of Concrete

Div.3 03 01 00

Concresive® Liquid LPL

Concresive® Liquid LPL is a two component 100% solids liquid epoxy bonding adhesive
Yield:

- Smooth surfaces: 100 ftð/gallon
- Rough surfaces: 50 – 75 ftð/gallon
- Very long working time: Facilitates proper placement; ideal for warm environments
- Moisture insensitive: Bonds to damp concrete surfaces

Item #	Size
SO25013138	3 gal.

SONNEBORN

Maintenance of Concrete

Div.3 03 01 00

Acryl 60®

Acryl 60® is an acrylic-polymer emulsion mixed with Portland cement mortars, plasters, stucco, and concrete mixes to enhance their physical properties, adhesion to substrates, and durability

- Acrylic polymer: Significantly improves adhesion, cohesion, tensile, compressive, and flexural strengths of cementbased materials
- Excellent chemical and UV resistance: Promotes long-lasting repairs
- Improved freeze/thaw stability of Portland-cement-based materials: Suitable for cold climate applications
- Stable: Will not re-emulsify when exposed to water

Item #	Size
SO1006489	1 Gal.
SO1006488	5 Gal.

SONNEBORN

Concrete Curing

Div.3 03 35 00

Lapidolith®

Lapidolith® is a magnesium-flurosilicate concrete hardener and dustproofer that bonds chemically with the concrete to strengthen and harden floors that are porous, readily absorptive, and only moderately hard.
Features:

- Concrete hardener
- 100% reactive with the free lime in concrete
- Tightly binds together the cement, sand, and aggregate particles
- Nonfilm forming
- Compatible with most resilient tile adhesives

Item #	Size (gal.)
SO02-506-5	5

BASF
The Chemical Company

SONNEBORN

Concrete Curing

Div.3 03 35 00

Kure-N-Harden™

Kure-N-Harden™ is a water-soluble, inorganic, and silicate-based curing, hardening, sealing, and dust proofing compound. Use it for freshly placed and finished concrete and in renovation of aged concrete. It cotains no VOC's.

Features:

- Protects floors during construction
- Easy application, quick drying
- Water based
- Aid for curing new concrete
- Concrete hardener
- Improved abrasion resistance

Application:

- Concrete floors and pavements
- Curing of fresh concrete
- Renovation of aged concrete
- Industrial, processing and brewing plants
- Educational, medical and nursing facilities
- Utility, public and multi-residential buildings

Location:

- Interior or exterior
- Below, at or above grade

Item #	Size (gal.)	Yield
SO01844-051	5	150 – 200 ft 2/gal Coverage may vary with application method, surface conditions, and porosity

SONNEBORN

Concrete Curing

Div.3 03 39 00

Kure 1315

Kure 1315 is a transparent water-based blend of acrylic polymers used to cure, seal and dustproof freshly placed and finished concrete floors. it contains no oils, saponifiable resins, waxes or chlorinated rubbers. It complies with ASTM C 1315, Type I, Class A

Item #	Size (gal.)	Yield
SO1005308	5	Ft2/gallon per coat (m2/L)

SONNEBORN

Concrete Curing

Div.3 03 39 00

Kure-N-Seal™

Kure-N-Seal™ is a transparent, sprayable, acrylic-based polymer solution that cures, seals, and dustproofs freshly placed or aged concrete in a single operation. It complies with ASTM C 309.

Features:

- Ensures high curing efficiency
- Reduces surface absorption of concrete
- Cures, seals and dustproofs
- Retains the moisture in concrete
- VOC compliant
- Compatible with a variety of carpet and tile adhesives

Item #	Size (gal.)	Yield
SO11-495-5	5	Curing only: 200 – 400 ft2/gallon (4.9 – 9.8 m2/L)

SONNEBORN

Concrete Curing

Div.3 03 39 00

Kure-N-Seal™ WB

Kure-N-Seal™ WB is a waterborne, acrylic, 15% solids, and transparent curing, sealing, and dustproofing compound. Apply it on damp or dry surfaces of freshly placed and finished concrete, aged floors, and exposed aggregate.

Item #	Size (gal.)	Yield
SO1005314	5	Ft2/gallon per coat (m2/L):

SONNEBORN

Concrete Curing

Div.3 03 39 00

Kure-N-Seal™ 30

Kure-N-Seal™ 30 is a transparent, 30% solids, solvent-based, acrylic curing membrane. Apply it to damp or dry surfaces to provide a high-gloss finish.

Item #	Size (gal.)	Yield
SO1005300	5	For curing only, 1 coat may be sufficient; 2 coats, however, will give best results. To seal and dustproof, 2 coats are required.

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Concrete Curing

Div.3 03 39 00

Kure-N-Seal® 25 LV

Kure-N-Seal™ 25 LV is a transparent, low-viscosity, 25% solids, VOC-compliant, solvent-based acrylic curing, sealing and dustproofing compound designed for better application at cool temperatures. Its semi-gloss finish provides good UV resistance and gloss retention

- Curing compound: Efficiently retains moisture for freshly placed concrete; ensures proper strength development; minimizes shrinkage cracking
- Low viscosity: Provides better application at cool temperatures
- Sealer and dustproofer: Makes surfaces easier to clean and maintain
- Semi-gloss appearance: Surfaces look newer and brighter
- Abrasion resistant: Withstands foot traffic; provides extended wear
- Compatible with a variety of adhesives: Can be tiled or carpeted over
- 25% solids by weight: Economical, VOC compliant

Item #	Size
SO51678592	5 gal. pail
SO51378645	55 gal. drum

SONNEBORN

Concrete Curing

Div3 03 39 00

Kure-N-Seal® W

Kure-N-Seal™ W is a transparent, acrylic, 20% solids, and water-based curing, sealing, and dustproofing compound. Use it on both freshly placed and finished concrete and aged concrete floors

- Curing compound: Efficiently retains moisture for freshly placed concrete; ensures proper strength development; minimizes shrinkage, cracking

Item #	Size
SO51679069	5 gal. pail
SO51679016	55 gal. drum

SONNEBORN

Concrete Curing

Div3 03 39 00

Sonosil®

Sonosil® is a clear water-soluble, sodium-silicate-based hardening and dustproofing compound. It is easy to apply, leaves no residue, dries quickly, and is available with fugitive red dye for even application

- Residue free: Compatible with most resilient floor-covering adhesives

Item #	Size
SO51707265	5 gal. pail
SO51707212	55 gal. drum

SONNEBORN

Concrete Curing

Div.3 03 39 00

Kure 200W

- Kure 200W is a water-based polymer and wax-emulsion curing and sealing compound. It helps concrete surfaces obtain maximum strength and greater wear resistance. When applied at 300-400ftð/gallon (7.44-9.8 mð/L), it meets the moisture retention requirements of ASTM C 309, Type 1, specification for liquid membrane-forming curing compounds
- Ensures high curing efficiency: Allows concrete to attain full strength potential

Item #	Size
SOKURE200W-5	5 gal. pail
SOKURE200W-55	55 gal. pail

SONNEBORN

Concrete Curing

Div.3 03 39 00

Acryseal HS

Acryseal HS is a clear 100% acrylic solvent-based concrete sealing compound. It can be used to cure and seal freshly placed concrete or Sonoshield® Decorative Coatings. It meets EPA VOC regulations

- Retains moisture for freshly placed concrete: Ensures proper strength development

Item #	Size
SO51656862	5 gal. pail

BASF
The Chemical Company

SONNEBORN

Concrete Curing

Div.3 03 39 00

Konductokure®

Konductokure® is made of hard resinous wax suspended in a resinous conductive membrane. It allows the floor to develop maximum potential strength while keeping moisture sealed during the curing period. After curing, Konductokure® need not be removed but can be polished to a wax-like finish

- Effectively cures concrete: Reduces shrinkage cracking

Item #	Size
SOKONDUCTOKURE	5 gal. pail

SONNEBORN

Non-Metallic Non-Shrink Grout

Div.3 03 62 13

Masterflow® 928

Masterflow® 928 grout is a hydraulic cement-based mineral-aggregate grout with an extended working time. It is ideally suited for grouting machines or plates requiring precision load-bearing support

Yield:

One 55 lb bag mixed with approximately 1.26 gallons of water, yields approximately 0.50 ftŠ of grout

- Extended working time: Ensures sufficient time for placement
- Can be mixed at a wide range of consistencies: Ensures proper placement under a variety of conditions
- Freeze/thaw resistant: Suitable for exterior applications
- Hardens free of bleeding, segregation, or settlement shrinkage: Provides a maximum effective bearing area for optimum load transfer
- Contains high-quality, well-graded quartz aggregate: Provides optimum strength and workability
- Sulfate resistant: For marine, wastewater, and other sulfate-containing environments

Item #	Size
SO51681772	55 lb. Bag

SONNEBORN

Metallic Non-Shrink Grouting

Div.3 03 62 16

Embeco® 885

Embeco® 885 is a cement-based metallic-aggregate grout with an extended working time. It is ideally suited for grouting machines or plates requiring optimum toughness and precision load-bearing support, including machine bases subject to thermal movement. Embeco® 885 grout meets the requirements of ASTM C 1107 and the U.S. Army Corp of Engineers CRD C 621, Grades B and C

Item #	Size
SO51670854	55 lb. bag

SONNEBORN

Epoxy Grouting

Div.3 03 63 00

Masterflow® 648 CP

Masterflow® 648 CP is a highperformance epoxy grouting material for support of heavy equipment. It ensures the proper transmission of static and dynamic loads to the equipment foundation

Item #	Size
SO648CPKIT	230 lb. unit

SONNEBORN

Epoxy Grouting

Div.3 03 63 00

Masterflow® 648 CP Plus

Masterflow® 648 CP Plus grout is a three-component modified epoxy-resinbased grout with variable fill rates.

Masterflow® 648 CP Plus combines high-temperature performance and crack resistance with outstanding flow characteristics

Item #	Size
SO25013038	216 lb. unit

BASF
The Chemical Company

SONNEBORN

Epoxy Grouting

Div.3 03 63 00

Masterflow® 668B Chock Grout

Masterflow® 668B Chock Grout is a three-component modified epoxy-resin- based grout. It is used where high-performance properties are required in less-accessible spaces subject to thermal shock and high vibrations. It can be placed from 1/2 – 3" (12.5 – 76 mm) thick on a base-grout pour, directly to the concrete or steel to steel

Item #	Size
SO668BCHOCK	60.6 lb. unit

SONNEBORN

Epoxy Grouting

Div.3 03 63 00

Masterflow® MP

Masterflow® MP grout is a three component epoxy grout. It is used for anchoring bolts and rebar, for baseplate support, and for general repair of concrete structures and surfaces

- High early and 7-day strengths: Rapid return of equipment to service

Item #	Size
SO25013586	2 ft.Š unit

SONNEBORN

Industrial Sealers

Div.3 03 40 00

Cast-Off®

Cast-Off® is a solvent-based, VOC compliant, non staining form-release agent.

Features:

- Water-resistant chemical barrier
- No residue transfer
- Compatible with conventional mix designs
- Alkali resistant
- Safe for wood fibers
- VOC compliant
- Reduced rust on steel forms and equipment
- Placement up to 5 weeks before concrete

Item #	Size (gal.)	Yield
SO17-160-5	5	

SONNEBORN

Industrial Underlayment

Div.7 07 10 00

Sonoshield® DBS 6200

DBS 6200 constitute a series of polypropylene drain board systems that significantly reduce the amount of water coming into contact with the waterproofing membranes, relieve hydrostatic pressure, and extend the life of the waterproofing system. DBS 6200 incorporates a plastic sheet adhered to the back surface of the drain core, offering a protective layer that prevents die cutting of the waterproofing membrane.

Item #	Size	Yield
SO1020553	4x50 ft roll	200 ft2 (18 m2) per 4 by 50 ft. (1.2 by 15.2 m) roll

SONNEBORN

Industrial Dampproofing

Div.7 07 11 00

Hydrocide® 600, 700

Hydrocide® 600, 700 are cold-applied water-based emulsified-asphalt dampproofing and vapor-retarding coatings for use on "green" or slightly damp surfaces.

Hydrocide® 600 is fiber-free for application by brush or spray.

Hydrocide® 700 is reinforced with long fibers for application by trowel.

Item #	Size (gal.)
SO1001729	5
SO26-435-5	5

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The Chemical Company

SONNEBORN

Dampproofing

Div.7 07 11 00

Mastics

Sonoshield® Mastics are cold-applied solvent-based dampproofing and vapor-retarding coatings for use on dry, cured surfaces

Mastic contains long fibers for trowel application

Semi-Mastic contains short fibers for brush or spray application

128 Spray Mastic contains selected fibers for spray application (or trowel al low temperature)

648 Mastic is fiber-free for application by brush or spray

Item #	Size
SOMASTIC-5	5 gal. pail
SOMASTIC-50	50 lbs.
SOMASTIC-55	55 gal. drum
SOMASTIC-548	548 lbs.
SOSEMI-MASTIC-5	5 gal. pail
SOSEMI-MASTIC-42	42 lbs.
SOSEMI-MASTIC-55	55 gal. drum
SOSEMI-MASTIC-460	460 lbs.
SO648MASTIC-5	5 gal. pail
SO648MASTIC-42	42 lbs.
SO648MASTIC-55	55 gal. drum
SO648MASTIC-460	460 lbs.
SO128SPRAYMASTIC-55	55 gal. drum
SO128SPRAYMASTIC-534	534 lbs.

SONNEBORN

Industrial Sealants

Div.7 07 14 00

Sonoshield® HLM 5000®

HLM 5000® is a one-component, moisture-curing, bitumen-modified polyurethane elastomeric waterproofing membrane for exterior below-grade or between-slab applications. HLM 5000® comes in a variety of grades for different applications: HLM 5000® SL (self-leveling) is formulated for application by squeegee to horizontal areas. HLM 5000® S (spray) is a specially formulated version of 5000T for spray application. HLM 5000® R (roller) is formulated for application by roller to vertical and some horizontal surfaces.

Item #	Size (gal.)	Type
SO30-484-5	5	Roller
SO30-485-051	5	Self Level
SO30-486-5	5	Spray

SONNEBORN

Cementitious Waterproofing

Div.7 07 16 00

THoroseal®

Thoroseal® is a Portland-cementbased coating for concrete and masonry that resists both positive and negative hydrostatic pressure.

Polymer-modified with Acryl 60®,

Thoroseal® creates a low-maintenance and highly durable waterproof barrier

- Waterproof: Protects building interiors from dampness and moisture damage

Item #	Size
SOThoroseal-10	10 lb.
SOThoroseal-30	30 lb.
SOThoroseal-50	50 lb.
SOThoroseal-60	60 lb.

SONNEBORN

Cementitious Waterproofing

Div7 07 16 00

Thoroseal® 550i

Thoroseal® 550i is a ready-to-use polymer-modified cement-based coating. It is used to waterproof and protect concrete, mortar, and masonry surfaces requiring either positive- or negative-side waterproofing. Thoroseal® 550i can be applied by low-pressure spraying or hand troweling

Item #	Size
SO51719667	55 lb. bag

SONNEBORN

Cementitious Waterproofing

Div.7 07 16 00

Flextight™

Flextight™ is an acrylic-modified, Portland cement-based flexible waterproofing membrane for concrete and masonry. Use it above or below grade on interior or exterior surfaces

Item #	Size
SO57474990	5 Gal. pails kit

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The Chemical Company

SONNEBORN

Cementitious Waterproofing

Div.7 07 16 00

Tegraproof®

Tegraproof® is a crystalline capillary waterproofing coating for concrete. It is designed for coating applications both above and below grade

- Withstands positive and negative hydrostatic pressure, Dual-sided waterproofing
- Resists de-icing salts: Suitable for winter environments

Item #	Size	Color
SO51710498	55 lb. pail	Gray
SO51710551	55 lb. pail	White

SONNEBORN

Cementitious Waterproofing

Div.7 07 16 10

Thoroseal® Foundation Coating

horoseal® Foundation Coating is a waterproof Portland-cement-based coating for below-grade exterior concrete and masonry surfaces. Polymer-modified with Acryl 60®, Thoroseal® Foundation Coating creates a cost-effective durable waterproofing barrier

Item #	Size
SO51719773	50 lb. bag
SO51719826	60 lb. pail

SONNEBORN

Industrial Sealers

Div.7 07 19 16

Hydrozo® Silane 40 VOC

Hydrozo® Silane 40 VOC is a clear, breathable, solvent-based, VOC-compliant, greater than 40% alkylakoxysilane penetrating sealer. It penetrates deeply and chemically reacts with concrete to form a long-lasting water-repellent surface.

Item #	Size (gal.)	Yield
SO1007072	5	Poured in place and precast concrete: 125 – 225 ftð/gallon

SONNEBORN

Water Repellents

Div.7 07 19 16

Hydrozo® 100 Plus

Hydrozo® 100 Plus is a clear, breathable, high-performance, clear,

100% silane sealer with an oliophobic additive for protecting new and existing concrete surfaces. It penetrates deeply, sealing out water, chloride ions, and acids—reducing staining caused by motor oils, grease, and food

Item #	Size
SO51677744	5 gal. pail
SO51677691	55 gal. drum

SONNEBORN

Industrial Sealant

Div.7 07 92 00

SL 1™

SL 1™ is a one-component nonpriming, self-leveling elastomeric polyurethane designed for expansion joints in concrete floors and decks. Use it where flexibility as well as abrasion and puncture resistance are required.

Item #	Size (oz.)	Color	Pack
SO35-913-1/10	11	Limestone	30
SO35-913	30	Limestone	12

SONNEBORN

Industrial Sealants

Div.7 07 92 00

Primer 733

Primer 733 is a quick-drying solvent-based primer for priming joints and substrates before application of Sonolastic® NP 1™, TX 1, NP 2™, Ultra, SL 1™, SL 2™, and Sonolastic® 150 series sealants.

Item #	Size (pints)	Pack
SO46-733	1	12

BASF
The Chemical Company

SONNEBORN
Joint Sealants

Div.7 07 92 00

Sonolastic® TX 1

TX 1 is a one-component, texturized, moisture-curing, gun-grade polyurethane sealant. It requires no mixing and typically requires no priming on common building materials. TX 1 has a textured appearance, which blends well with masonry substrates.

- One component: Requires no mixing; saves on labor
- Gun grade: Does not sag in vertical joints
- Weather resistant: Produces long-lasting weather-tight seals
- Accepts joint movement of ±25%: Keeps moving joints tight
- High-quality polyurethane polymer: Resists age hardening

Item #	Color	Size
SO55395429	ALU GRY	10.14 oz. tube
SO55395482	BLK	10.14 oz. tube
SO55395535	BUF	10.14 oz. tube
SO55395588	IVR	10.14 oz. tube
SO55395641	MED BRZ	10.14 oz. tube
SO55395694	NAT STN	10.14 oz. tube
SO51721310	NAT STN	20 oz. sausage
SO55395747	OFF WHT	10.14 oz. tube
SO55395853	SPE BRZ	10.14 oz. tube
SO55395906	STN	10.14 oz. tube
SO51721363	STN	20 oz. sausage
SO55395959	WHT	10.14 oz. tube

SONNEBORN
Joint Sealants

Div.7 07 92 00

Sonolac®

Sonolac® is a siliconized acrylic-latex gun-grade caulk for use in general purpose exterior and interior applications

Yield:

Approximate yield for 1/4 by 1/4" joints: 24.4 lineal ft per cartridge

- Siliconized: Provides optimum adhesion
- One component: Easy to apply; saves labor
- Nonstaining, nonbleeding: Maintains original appearance
- Dry on surface within 30 minutes: Readily paintable; speeds jobsite production
- Water based: Easy to clean up with water
- Lasting flexibility: Provides a durable seal

Item #	Size	Color
SO45-471	10.14 oz. tube	White

SONNEBORN
Joint Sealants

Div.7 07 92 00

SONOLASTIC® NP 2™

NP 2™ is a three-component, highly flexible, nonpriming, high-performance polyurethane sealant. It has been successfully tested for joint movement of plus or minus 50%. Choose from 40 popular stock colors and 470 standard colors

- Elastomeric, movement capability of ±50%: Adds protection against unanticipated movement
- Resistant to weather, airborne pollutants, and chemicals: Long-lasting performance on all applications
- Superior adhesion: Requires no primer on many construction materials
- NP 2™ accelerator available: Use for cold climate applications; speeds initial cure
- Sonneborn® Color Portfolio available: Choose from 463 custom colors
- Excellent gunability over a broad temperature range: Speeds application
- Nonstaining: Use where aesthetics are a primary concern
- UL listed: Passes 4 hour, 4 inch, fire and hose stream test when used with Ultra Block® or mineral
- Suitable for water immersion: Documented performance in wet areas

Item #	Size
SO53354453	1½ gal. unit
SO50150022	3 gal. unit

SONNEBORN
Joint Sealants

Div.7 07 92 00

Sonolastic® SL 2™

SL 2™ is a multi-component, self-leveling, elastomeric polyurethane sealant that is mixed and poured in place. When cured, it forms a tough, resilient joint seal that resists penetration, abrasion, and remains flexible when exposed to weather and aging

- Movement capability ±25%: Expands and contracts with joint movement
- Abrasion resistant: Handles pedestrian and vehicular traffic
- Penetration resistant: Withstands pressure from pointed objects
- Resilient: Resists permanent deformation
- Resistant to weathering and aging: Provides long-lasting durability
- Service range from -40 to 180° F (-40 to 82° C): Suitable for all climates
- Available in custom colors: Can be color matched to any substrate
- Self-leveling and slope grades: Provides application versatility
- Suitable for water immersion: Documented performance in wet areas

Item #	
SO55403273	1[/2] gal. unit
SO55403379	3 gal. unit

BASF
The Chemical Company

SONNEBORN

Joint Sealants

Div.7 07 92 00

Expansion Joint Filler

Sonolastic® Expansion-Joint Filler is a lightweight, resilient, superior-grade polyethylene closed-cell backing for use in expansion joints in traffic-bearing substrates. It has extremely low moisture absorption and readily accepts joint movement

- Lightweight and economical: Less expensive than conventional joint fillers
- Closed-cell polyethylene: Extremely low moisture absorption; helps keep moisture from reaching the back side of joint sealants
- Resilient: Readily accepts joint movement
- Non-impregnated, non-staining, and non-bleeding: Will not discolor sealants or architectural substrates
- Inert: Compatible with cold-applied sealants
- Easy to cut: Not sticky in summer or brittle in winter
- No bondbreaker required: Sealants will not adhere to Expansion-Joint Filler
- Available in a variety of sizes: Provides better performance in all joint sizes
- Ease of installation and peel-off top: Significant cast and time savings

Item #	Size	Cuts	Pkg Qty
SOEJF1440	¼”x4’x100’	none	400ft.ð/bag
SOEJF1454	¼”x5’x100’	4”	500 ft.ð/bag
SOEJF1456	¼”x5’x100’	6”	500 ft.ð/bag
SOEJF14568	¼”x56”x100’	8”	467 ft.ð/bag
SOEJF3840	⅜”x4’x50’	none	200 ft.ð/bag
SOEJF3854	⅜”x5’x50’	4”	250 ft.ð/bag
SOEJF3856	⅜”x5’x50’	6”	250 ft.ð/bag
SOEJF38568	⅜”x56”x50’	8”	233.5 ft.ð/bag
SOEJF1240	½”x4’x50’	none	200 ft.ð/bag
SOEJF1254	½”x5’x50’	4”	250 ft.ð/bag
SOEJF1256	½”x5’x50’	6”	250 ft.ð/bag
SOEJF12568	½”x56”x50’	8”	233.5 ft.ð/bag
SOEJF3440	¾”x4’x9’	none	540 ft.ð/bag
SOEJF144	1”x4’x9’	4”	360 ft.ð/bag

SONNEBORN

Industrial Sealants

Reducer 990

- Used primarily to thin first coats on cementitious floors
- Cleans up tools and equipment

Item #	Size (gal.)	Yield
SO50-990-1	1	

SONNEBORN

Industrial Sealant

Div.7 07 92 00

Sonolastic® NP 1™

NP 1™ is a one-component, high-performance, nonpriming, gun-grade, elastomeric polyurethane sealant. It requires no mixing and typically requires no priming to bond to many materials, including concrete and masonry.

Features:

- Ready to use
- Joint movement capability ±35%
- Easy to gun and tool
- No primer required for most construction materials
- Weather resistantPackaging
- Wide temperature-application range
- Compatible with nonrigid coatings
- Superior holding power
- UL listed
- Suitable for water immersion
- Low VOC content

Application: Expansion joints, Curtain wall construction, Panel walls, Precast units, Aluminum and wood window frames, Roofing, Fascia, Parapets, Structural components, Vinyl siding, Wastewater treatment plants, Dams, Spillways and storm drains, Wetwells and manholes

Item #	Size	Color	Pack
SO32-957	10.1 oz cartridge	Special Bronze	30
SO32-957PP	20 oz sausage	Special Bronze	20
SO32-961	10.1 oz cartridge	White	30
SO32-961PP	20 oz sausage	White	20
SO32-962	10.1 oz cartridge	Off White	30
SO32-963	10.1 oz cartridge	Limestone	30
SO32-963PP	20 oz sausage	Limestone	20
SO32-964	10.1 oz cartridge	Stone	30
SO32-964PP	20 oz sausage	Stone	20
SO32-965	10.1 oz cartridge	Tan	30
SO32-965PP	20 oz sausage	Tan	20
SO32-966	10.1 oz cartridge	Black	30
SO32-966PP	20 oz sausage	Black	20
SO32-967	10.1 oz cartridge	Aluminum Gray	30
SO32-967PP	20 oz sausage	Aluminum Gray	20
SO32-968	10.1 oz cartridge	Medium Bronze	30
SO32-968PP	20 oz sausage	Medium Bronze	20
SO32-969	10.1 oz cartridge	Redwood Tan	30
SO32-970	10.1 oz cartridge	Hunter Green	30
SO32-971	10.1 oz cartridge	Anodized Aluminum	30

BASF
The Chemical Company

SONNEBORN

Joint Sealants

Div.7 07 92 00

Sonolastic® 150

Sonolastic® 150 with VLM Technology is a premium, very low-modulus, high-movement, nonsag, fast-curing, ready to-use, silyl-terminated polyether sealant. It combines the best qualities of organic and silicone sealants to keep moving joints weathertight

- Superior Adhesion: Long term Bond – reduced call backs
- Very low modulus: Accommodates extreme joint movement (100% extension in EIFS joints with little stress on bond line)
- Compatible with nonrigid coatings: May be painted soon after installation
- Easy to gun and tool: Speeds application; makes neater joints
- Ready-to-use 1 component: Reduces labor; speeds application
- Wide temperature application range: Use in all climates
- Weather resistant: Provides long-lasting weathertight seals
- Fast curing: Speeds jobsite production
- Nonstaining: Use safely on stone and other sensitive substrates
- Mildew resistant: Does not support mildew growth; offers low-odor alternative for sanitary areas
- Available in ProPaks: Reduces jobsite waste; lowers disposal costs
- Very low VOC's (2 g/L): Meets all State and Federal regulations

Item #	Color	Size
SO51703714	Aluminum Gray	10.14 oz.
SO51703820	Black	10.14 oz.
SO51704032	Limestone	10.14 oz.
SO51704138	Medium Bronze	10.14 oz.
SO51704244	Off White	10.14 oz.
SO51704350	Redwood Tan	10.14 oz.
SO51704562	Slate	10.14 oz.
SO51704668	Special Bronze	10.14 oz.
SO51704774	Stone	10.14 oz.
SO51704880	Tan	10.14 oz.

VINYLEX

VINYLEX

Waterstop

PVC Compound

Vinylex Waterstop is a specially formulated polyvinyl chloride (PVC) compound manufactured from virgin materials as is evidenced by its natural color that fulfills all properties desirable for a waterstop. The material is tough, flexible, resilient, chemically inert, is not affected by weathering, low temperatures, or constant immersion in water. It will withstand rough treatment during installation, yet is relatively easy to install and splice.

Item #
VXD6316

TARGET

TARGET

Portland Expanding Grout

- TARGET® Portland Expanding Non-Shrink Grout consists of accurately weighed Portland cement, non-metallic aggregate, expanding agents and admixtures
- These materials are pre-blended, and require only mixing with water before use.
- In normal working temperature ranges of 10°C to 30°C (50°F to 86°F), the grout has a slight expansion prior to final set and is designed for use at dry pack, plastic, flowable or fluid consistencies.
- It also contains other admixtures to give non-shrink properties after final set has occurred to meet the requirements of ASTM 1107, Grade C, and US Corps of Engineers Specification CRD-C621.
- The grout contains no chlorides or other admixtures, which could aggravate corrosion of reinforcing steel or prestressing steel cables.
- 25 kg (55 lb) 56 bags/pallet
- On request, this product can be manufactured using Type V (Type 50) Portland cement for applications requiring improved sulphate resistance.

- Approximate water requirements are:
  - Dry Pack= 0.86 to 0.92 US gal/55 lb bag
  - Plastic= 1.36 US gal/55 lb bag
  - Flowable= 1.49 US gal/55 lb bag
  - Fluid= 1.65 US gal/55 lb bag

- Comprehensive Strength (psi) at 24 hrs with mix consistency of fluid: 1,410
- Comprehensive Strength (psi) at 3 days with mix consistency of fluid: 3,650
- Comprehensive Strength (psi) at 7 days with mix consistency of fluid: 5,280
- Comprehensive Strength (psi) at 28 days with mix consistency of fluid: 7,080
- Comprehensive Strength (psi) at 24 hrs with mix consistency of flowable: 2,460
- Comprehensive Strength (psi) at 3 days with mix consistency of flowable: 4,160
- Comprehensive Strength (psi) at 7 days with mix consistency of flowable: 6,020
- Comprehensive Strength (psi) at 28 days with mix consistency of flowable: 7,820
- Comprehensive Strength (psi) at 24 hrs with mix consistency of plastic: 3,190
- Comprehensive Strength (psi) at 3 days with mix consistency of plastic: 6,960
- Comprehensive Strength (psi) at 7 days with mix consistency of plastic: 7,580
- Comprehensive Strength (psi) at 28 days with mix consistency of plastic: 8,770
- Comprehensive Strength (psi) at 24 hrs with mix consistency of dry-pack: 6,680
- Comprehensive Strength (psi) at 3 days with mix consistency of dry-pack: 10,570
- Comprehensive Strength (psi) at 7 days with mix consistency of dry-pack: 11,510
- Comprehensive Strength (psi) at 28 days with mix consistency of dry-pack: 13,200

Item #
TG9991110

PACIFIC LASER SYSTEMS

Laser Plumb & Square

PLS3

- Accurate to within 1/4” at 100’
- Plumb instantly from floor to ceiling up to 50’ off the ground
- Self leveling within +/1 6º
- Operating time: 30+ hours continuous
- Power supply: 3 AA batteries

Includes:

- PLS3 laser, wall bracket, carrying pouch, and floor stand

Item #
PACPLS3

PACIFIC LASER SYSTEMS

Horizontal-Vertical Layout Laser

PLS180

- Accurate to within 1/8” at 30’
- Self-leveling within +/-6deg
- Range 100’
- Pulsed beams for exterior applications (PLS-SLD detector required - sold separately)

Specifications:.

- Power supply: 3 AA batteries
- Operating Time: 30+ hours
- 180 Degree Fan Angle
- Includes: PLS180 laser, wall bracket, carrying case & pouch

Item #
PACPLS180TOOL

PACIFIC LASER SYSTEMS

Horizontal-Vertical Layout Laser with Detector

PLS180 System

- Accurate to within 1/8” at 30’
- Self-leveling within +/-6deg
- Range 100’
- Pulsed beams for exterior applications (use PLS-SLD detector)

Specifications:.

- Power supply: 3 AA batteries
- Operating Time: 30+ hours
- 180 Degree Fan Angle
- Includes: PLS180 laser, PLS-SLD detector, wall bracket, carrying case & pouch

Item #
PACPLS180SYSTEM

PACIFIC LASER SYSTEMS

360º Interior/Exterior Laser Level with Detector

PLS360 System

- Accurate to within 1/8” at 100’
- Self-leveling within +/- 6deg
- Provides 360deg horizontal reference plane
- Working Range 200’
- Can be used outdoors with the PLS SLD detector
- Operating Time: 35+ hours
- Power supply: 3 D batteries
- Includes: PLS360 laser, PLS-SLD detector, carrying case, & wall bracket

Item #
PACPLS360ESYSTEM

PACIFIC LASER SYSTEMS

360º Interior/Exterior Laser Level

PLS360

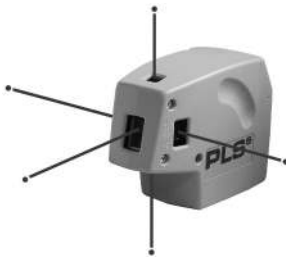
- Accurate to within 1/8” at 100’
- Self-leveling within +/- 6deg
- Provides 360deg horizontal reference plane
- Working Range 200’
- Can be used outdoors with the PLS SLD detector (sold separately)
- Operating Time: 35+ hours
- Power supply: 3 D batteries
- Includes: PLS360 laser, carrying case, & wall bracket

Item #
PACPLS360ETOOL

PACIFIC LASER SYSTEMS

Laser Plumb, Level & Square

PLS5



- Accurate to within 1/8" at 100’
- Self-leveling within +/- 8deg
- Pulsed beam for exterior layout with detector (detector sold separately)
- Power Source: 3 AA Batteries
- Operating time: 30+ hours continuous
- Includes: PLS5 laser, wall bracket, pouch, floor base, layout target & carrying case

Item #
PACPLS5TOOL

PACIFIC LASER SYSTEMS

Laser Plumb, Level & Square with Detector

PLS5 System

- Accurate to within 1/8" at 100'
- Self-leveling within +/- 8deg
- Pulsed beam for exterior layout with receiver (receiver sold separately)
- Power Source: 3 AA Batteries
- Operating time: 30+ hours continuous
- Includes: PLS5 laser, PLS-HVD detector, wall bracket, pouch, floor base, layout target & carrying case

Item #
PACPLS5SYSTEM

PACIFIC LASER SYSTEMS

90° Laser w/Detector and Tripod

PLS90KIT

- Accurate to within 1/8" at 100'
- Self leveling within +/- 6deg
- Clear lines on floor with a vertical fan angle; reference line up to 100'
- Working Range 250'
- Power supply: 3 AA batteries
- Operating Time: 30+ Hours continuous
- Includes: PLS90E laser, laser detector, carrying case, universal base, floor target & tripod

Item #
PACPLS90SKIT

PACIFIC LASER SYSTEMS

Long Range Rotary Laser System

HLE1000

- Accurate to within 3/32" at 100'
- Self-leveling within +/- 5deg
- Horizontal layout laser system for exterior applications
- Working Range: 1000' radius
- Power supply: 4 C batteries or NIMH battery
- Class III laser; dual slope

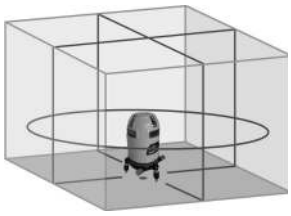
System Includes: HLE1000 laser, detector, remote control, 2 battery packs (NIMH & alkaline), NIMH battery charger, & carrying case

Item #
PACHLE1000

PACIFIC LASER SYSTEMS

360° Horizontal-Vertical Layout Laser

HVL100



- Accurate to within 1/8" at 60'
- Self-leveling within +/- 4deg
- 360deg horizontal and vertical lines
- Working range: 100'

Includes: HVL100 laser, PLS-SLD detector, NIMH batteries & charger, wall bracket, adjustable turning base, layout targets & carrying case

Item #
PACHVL100

PACIFIC LASER SYSTEMS

Mid Range Rotary Laser System

Red or Green Laser

- Accurate to within 1/8" at 100'
- Self-leveling within +/- 5deg
- Horizontal and vertical operation
- Working Range: 500' radius
- Power supply: 4 C batteries or NIMH rechargeable battery
- Class II laser
- Available with green laser (ideal for mid-range interior layout) or red laser (for indoor/outdoor use)

System Includes: HVR505 laser, detector, remote control, NIMH battery & charger, ceiling bracket & carrying case

Item #	Laser Color
PACHVR505G	Green
PACHVR505R	Red

PACIFIC LASER SYSTEMS

Laser Layout Target

- For use with Pacific Laser Systems PLS-5 and PLS-5X

Item #
PACPLS10090

PACIFIC LASER SYSTEMS

Detector

PLS-SLD

- For use with the PLS180, PLS360, HVL100 & PLS90
- Used with PLS laser line tools to detect the line while outdoors or in bright conditions when you can't see the lines
- Maximum Working Range: 250'
- Power supply: (1) 9 Volt
- Includes: Laser Detector

Item #
PACPLSSLD

PACIFIC LASER SYSTEMS

Laser Plumb, Level & Square

PLS5XD

PLS HVD laser detector works with the ("new PLS5") or the old model PLS5X.

- Captures the pulsing points outdoors in bright sunshine when the points can no longer be seen by the human eye
- Allows the outdoor working range to be extended from around 80 feet (visible range to see the dot) to 250 feet (using the detector) in bright sunshine
- Makes an audible sound so that you know you've reached level

Item #

PACPLS-HVD

PACIFIC LASER SYSTEMS

Laser Stand

- Floor stand for use with PLS5 (laser sold separately)

Item #

PACPLS-10061

PACIFIC LASER SYSTEMS

Tripod

For Laser Levels

- Adjusts from 32” to 60” in height
- Mid weight aluminum construction
- Interior/Exterior rated
- For use with PLS laser units, primarily PLS90, PLS24X & PLSHVR
- 1/4 X 20 thread

Item #

PACPLS-20309

PACIFIC LASER SYSTEMS

Tripod

For Laser Levels

New PLS Elevator Tripod adjustable from 26-Inch to 114-Inch.

- Made for Interior work and works with all PLS Lasers
- Includes an adapter that converts the 5/8-11 large thread down to a 1/4-20 thread
- Perfect for tall ceilings up to 10-Feet with laser attached
- Includes leveling bullseye

Item #

PACPLS-20513

BLACK & DECKER

18V Cordless Rotary Laser Kit

Heavy-Duty

DeWalt

Heavy-duty 18V Cordless rotary laser kit with digital laser detector and clamp

- Manual leveling system is accurate to ±1/4" @ 100'
- Dual side-by-side laser diodes for an extremely bright, visible beam; digital laser detector (included) detects beam over long distances or in bright light conditions
- Protected rotary head & side impact roll cage for increased durability

Specifications:

- Power Supply: 9.6V - 18V DeWalt® Batteries
- Indoor Visibility Range (ft.): 200
- Range With Detector (ft.): 600

Includes:

- Rotary laser, 18V XR+™ battery, 1 hour charger, digital laser detector and clamp, laser target card, laser enhancement glasses and heavy-duty kit box

Item #

DTDW073KD

BLACK & DECKER

18V Cordless Rotary Laser Kit

Self-Leveling Int/Ext

DeWalt

- Fully automatic horizontal and vertical self leveling with out-of-level shutoff eliminates user error, ensures accuracy, and reduces set-up time
- A manual single sloping mode allows the user to set grade ±5°
- Wireless (IR) remote control operated scan mode creates a "laser chalkline" between two points for an extremely bright beam over long distances
- Digital laser detector extends interior and exterior range to 600'

Specifications:

- Power Supply: 9.6V-18V DeWalt® batteries
- Accuracy per 100 ft.: 1/8 in.
- Self-Leveling Range: ±5º
- Indoor Visibility Range: 200 (dia) ft.
- Range with Detector: 2000 (dia) ft.

Includes:

- 1 hour charger, 18V XRP™ battery, digital laser detector, wall mount, wireless (IR) remote control, laser target card, laser enhancement glasses, kit box

Item #

DTDW079KD

STABILA

Electronic Levels

Tech Level

Type 196E

- With audible tone, level tells you plumb, level or any angle in-between
- Level reads in 5 different languages: Degrees, Percentage, mm/M-Millimeters per Meter, in./ft.- Decimal inches per foot, in./ft.- Fractional inches per foot

Item #	Length (in.)
SB37924	24
SB37948	48

STABILA

Extendable Plate Level

- Level is used for 9' and 10' ceiling construction
- Fully sealed solid rail (six sided) extension eliminates deflection, and delivers the smoothest extension movement available
- Top plumb vial is permanently positioned at eye level
- Frame side opposite the stand-offs is a level measuring surface and straight edge
- Vials are guaranteed for life never to fog, leak or require adjustment
- Certified accuracy in the top read position: 1/32" over 72"

Item #	Desc.
SB33610	6-10 ft.
SB33712	7-12 ft.

STABILA

Heavy-Duty Levels

Type 196

- Crystal clear vials readable in any direction with no change in accuracy tolerance
- Spring steel hairline indicators in vials
- Best frame strength-to-weight ratio
- Removable rubber end caps for scribing in corners and for reading tight header and sill openings

Item #	Lgth (in.)	Desc.
SB37416	16	W/one hand hole, 1 plumb vial
SB37424	24	W/hand hole
SB37448	48	W/hand hole
SB37459	59	W/hand hole
SB37472	72	W/hand hole
SB37478	78	W/hand hole
SB37524	59⁄24	Level Set w/hand holes
SB37532	78⁄32	amber Set w/hand holes
SB37496	96	W/no hand hole

STABILA

Magnetic Levels

Heavy-Duty

Type 96M

- Strongest Magnets, flush mounted - Work Hands-Free
- Spring steel hairline indicators inside the vials
- Certified Level Accuracy in top read position: 1/32" over 72"

Item #	Length (in.)	Desc.
SB38624	24	W/no hand holes
SB38632	32	W/no hand holes
SB38648	48	W/no hand holes
SB38678	78	W/no hand holes
SB38532	78⁄32	Jamber Set (78" has hand holes, 32" does not)

STABILA

Magnetic Torpedo Levels

Stabila® Type 81SM

- Certified level accuracy; in top read position: (1/32" over 72")
- Strongest magnets - work hands-free (#25100)
- Level accuracy guaranteed for life; vials will never fog, leak or require adjustment
- Length: 10”

Item #	Desc.
SB25100	81SM Magnetic
SB25245	45º Vial w/V-Groove
SB25360	360º Vial w/V-Groove

Empire

EMPIRE LEVEL

Steel Plumb Bob

- Steel plumb bob with plated finish to resist corrosion
- Ties easily to any string or line

Item #	Size (oz.)
EE908BR	8

EMPIRE LEVEL

Brass Plumb Bob

- Solid brass plumb bob with lacquered finish to resist corrosion
- Ties easily to any string or line
- Extra hardened steel tip included

Item #	Size (oz.)
EE912BR	12
EE916BR	16
EE924BR	24

Empire

EMPIRE LEVEL

Magnetic I-Beam Level

581 Series

- Magnetic edge holds to ferrous surfaces
- Advanced frame design assures accuracy
- Top read window
- Beveled endcaps protect vials from shock

Item #	Length (in.)
EE581-24	24
EE581-48	48
EE581-72	72

EMPIRE LEVEL

Heavy-Duty I-Beam Level

e80 Series with True Blue®

- True Blue® vials are accurate to within 0.0005" per inch in all 10 level and plumb working positions
- Super strong anodized I-Beam frame
- Shock-absorbing endcaps
- Top reading window

Item #	Length (in.)
EEE80.24	24
EEE80.48	48
EEE80.72	72

EMPIRE LEVEL

Magnetic Box Level

em71 Series with True Blue®

- True Blue® vials are accurate to within 0.0005" per inch in all 10 level and plumb working positions
- Dual molded rubber endcaps for extreme shock resistance
- 300° view top-reading level vial
- Rare Earth magnets for super-strong hold onto ferrous surfaces
- Vial Guard to protect vials

Item #	Length (in.)
EEEM71.24	24
EEEM71.48	48

EMPIRE LEVEL

Masonry Level

e90 Series with True Blue®

Magnum™

- True Blue® vials are accurate to within 0.0005" per inch in all 10 level and plumb working positions
- Aluminum reinforced frame will not warp
- Polycarbonate lenses will not fog over
- Replaceable vials and lenses

Item #	Length (in.)
EEE90.24	24
EEE90.48	48

EMPIRE LEVEL

Magnetic Torpedo Level

EM81-Series with True Blue®

- True Blue® vials are accurate to within 0.0005" per inch in all 10 level and plumb working position
- Heavy-duty aluminum frame with top read window
- Strong-holding magnetic edge--EM81.10 with rare earth magnets
- V-grooved working edge fits on pipe or conduit

Item #	Length (in.)
EEEM81.10	10
EEEM81.9	9

EMPIRE LEVEL

Magnetic Protractor

Polycast®

- Magnetic base and back
- Easy reading dial with adjustable angle pointer
- Built-in angle pitch calculator on back
- Durable Polycast™ construction
- Transfer angles to within 1°

Item #
EE36

EMPIRE LEVEL

Professional Combination Square

Heavy-Duty with True Blue™

- Precision machined head and True Blue® vials ensure squareness to .001
- 12" etched stainless steel blade with inch graduations
- Heavy-duty machined square head
- Self-aligning drawbolt, hardened scriber

Item #	Length (in.)
EEE250	12

Empire

EMPIRE LEVEL

Pocket Combination Square

True Blue®

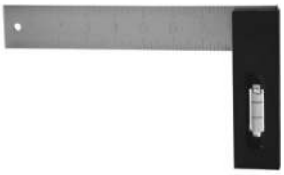
- Precision machined head and True Blue® vials ensure squareness to .001
- 6" etched stainless steel blade with inch graduations
- Machined square head
- Self-aligning drawbolt, hardened scriber

Item #	Length (in.)
EEE255	6

EMPIRE LEVEL

Try-Square

Polysteel™



- Stainless steel blade prevents rust and corrosion
- Polycast® handle includes acrylic vial for level, plumb and 90°/45° work
- 1/8" graduations reads full 8" on inside and outside measurements

Item #
EE120

EMPIRE LEVEL

Professional Framing Square

Anodized Aluminum

- 24" x 2" body, 16" x 1-1/2" tongue, 1/8" thick
- Easy-reading black anodized finish with permanently stamped white numbers
- Complete rafter tables and graduations
- Complete 1/8" graduated scale

Item #
EE1190

EMPIRE LEVEL

Professional Framing Square

Aluminum "Fat Boy"

- 24" x 2" body, 16" x 1-1/2" tongue
- 50% thicker, heavy-gauge aluminum 3/16" thick resists bending
- Deep stamped inch graduations, numbers and rafter tables for long life
- Includes 1/8", 1/10", 1/12", 1/16" stamped graduations

Item #
EE1240

EMPIRE LEVEL

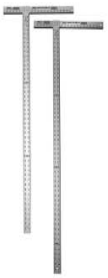
Drywall T-Square

- Durable yellow finish
- Large, bold numbers and graduations
- 1/8" thick, 47-7/8" long blade

Item #
EE410-48

EMPIRE LEVEL

Professional Drywall T-Square



- Anodized aluminum finish
- Large, bold numbers and graduations
- Patented rivet design. Permanently fixed joint of blade and head
- 3/16" thick, 53-7/8" long blade

Item #
EE418-54

CHECKPOINT

CHECKPOINT LASER

Laser Level Cases

- Fits 2" - 6" tradesman type tool belts and is constructed of black, double layered ballistic nylon with laminated high density foam
- "Quick Clip" steel plated clip system for belt

Item #	Desc.
PDP397	Quick Clip Balistic Case

CHECKPOINT LASER

Square Laser Level Kit

- The 880 square provides a unique machine quality squaring system that stows into the compact 880 square body
- Uniquely works as both a "flush" or "offset" square system

Item #
PDP302

CHECKPOINT LASER

Laser Torpedo Level

UltraMag G3

- Built-in auto 45-degree angle at one point for quick referencing and perfect alignment
- 4-vial system including 90, 45, 30 and oversized zero degree for easy viewing from oversized view ports
- 4 oversized rare earth magnets

Item #	Desc.	Frame Color
PDP300B	4 Vial Ultra Mag	Blue
PDP300R	4 Vial Ultra Mag	Red

CHECKPOINT LASER

Professional Torpedo Laser Level

880 G3

- Features a Class 3A more powerful laser and newly enhanced ergonomic design with a threaded front aperture which allows use of Checkpoint's specialized lenses and other accessories
- High powered laser beam system is accurate 1/4" (.250) at 100' and is 3-dimensionally aligned from all planes of reference

Item #
PDP327

STANLEY INDUSTRIAL TOOLS

Torpedo Level

9" Aluminum Die Cast Body

Contractor Grade

- Powerful magnet in base - holds level fast to all iron and steel surfaces
- Top reading
- Three 360° vials - plumb, level, and 45° are easily replaceable on the job

Item #	Length (in.)
ST42-465	9

STANLEY INDUSTRIAL TOOLS

Steel Carpenter Square

- Body 24"x2", tongue 16"x1-1/2"
- Graduations 1/8" on face and back

Item #
ST45-500

STANLEY INDUSTRIAL TOOLS

Combination Square

12" Grooved Blade

Die Cast Metal Body

- Grooved blade, scratch awl, and hand regulated level vial included

Item #
ST46-222

STANLEY INDUSTRIAL TOOLS

Layout Tool

Aluminum Quick Square®

- Aluminum construction for durability
- 10-1/4" base length
- 6-3/4" rule length

Item #
ST46-067

STANLEY INDUSTRIAL TOOLS

Layout Tool

Aluminum Quick Square®

- Aluminum construction for durability
- Multipurpose tool is ideal for use as a 0° to 90° protractor scale
- 10-1/4" base length
- 6-3/4" rule length

Item #
ST46-071

KESON INDUSTRIES

Fiberglass Measuring Tapes

Open-Type Reel, Ultra-Glass Blade

Item #	Length (ft.)	Units
KSOTR1810100	100	ft., in., [1⁄8] & ft., [1⁄10], [1⁄100]
KSOTR1810200	200	ft., in., [1⁄8] & ft., [1⁄10], [1⁄100]
KSOTR1810300	300	ft., in., [1⁄8] & ft., [1⁄10], [1⁄100]

KESON INDUSTRIES

Metal Professional Measuring Wheels

- Only two moving parts (reset and ticker)
- 5-digit counter, up to 99,999 feet
- Compact fold-down handle
- Metal frame

Item #	Units	Dia. (in.)	Cir. (ft.)
KSMP401	ft.	15½	4
KSMP301	ft.	11½	3

KESON

KESON INDUSTRIES

Indoor/Short Run Measuring Wheels

RoadRunner®

- Typically used in short run and indoor applications
- Easy to measure curved, horizontal and asymmetrical surfaces
- The single wheel and dual wheel both have a 5-digit, easy-read, magnified counter that measures 9,999 feet
- KSRR182 features dual wheels

Item #	Units	Dia. (in.)	Cir. (ft.)
KSRR112	ft., in.	4	1
KSRR182	ft., in.	4	1

KESON INDUSTRIES

Long Distance Measuring Wheels

RoadRunner®

- Telescoping handle
- 5-digit, easy-read, magnified counter measures 9,999 feet, 11 inches without resetting
- Metal/Resin composite wheel

Item #	Units	Dia. (in.)	Cir. (ft.)
KSRR30	ft., in.	12½	3

STANLEY

STANLEY INDUSTRIAL TOOLS

Tape Measure

Max®

- Mylar polyester film extends life of entire blade
- Easy to read, high contrast blade with 16" and 19.2" stud markings

Item #	Size (in. x ft.)
ST33-692	¾x16

STANLEY INDUSTRIAL TOOLS

3/8" Tape Measure

Stainless Steel Blade

Fatmax™

Item #	Length (ft.)
ST34-129	50
ST34-130	100

STANLEY INDUSTRIAL TOOLS

Measuring Tape

FatMax™

- 1-1/4" wide blade (25% wider) for more durability, easier to read graphics, stronger, stiffer blade during use
- 11' of blade stand out
- Heavy-duty Mylar "blanket-wrap" coating extends blade life up to ten times longer

Item #	Length (ft.)
ST33-716	16
ST33-725	25
ST33-730	30
ST33-735	35
ST33-740D	40

STANLEY INDUSTRIAL TOOLS

Tape Measure

3/4" Wide Blade

Powerlock®

- Powerlock® feature gives positive blade lock with no creeping
- 16 & 19.2 stud markings

Item #	Lgth. (ft.)
ST33-312	12

STANLEY INDUSTRIAL TOOLS

Tape Measure

8 m/26 foot x 1"

- 7' standout
- High-contrast blade for easy readability

Item #
ST30-456

STANLEY INDUSTRIAL TOOLS

Tape Measure

1" Blade

Max®

- BladeArmor™ coating maximizes durability of the hook end
- AirLock™ slide lock is easier to engage and adds protection against impact
- 8' Stand-Out

Item #	Length (ft.)
ST33-799	25
ST33-800	30

STANLEY INDUSTRIAL TOOLS

Leverlock Tape Measure

25 Ft. x 1" Wide Blade

- Unique power-return feature with automatic bottom lock, streamlines tape operation

Item #
ST30-825

STANLEY

STANLEY INDUSTRIAL TOOLS

Tape Measure

Powerlock®

- BladeArmor™ coating on the first 6" maximizes durability of hook end
- 16" and 19.2" stud center markings
- 8' tape standout

Item #	Length (ft.)
ST33-525	25

STANLEY INDUSTRIAL TOOLS

Tape Rule

Dupont Polyester Film

Powerlock®

- 7' standout
- 16" and 19.2" stud center markings simplify framing jobs
- Secure blade lock won't creep during measurements

Item #	Size (in. x ft.)
ST33-835	1 x 35

STANLEY INDUSTRIAL TOOLS

Steel Long Tape

3/8" Wide Blade

- Sturdy, lightweight molded case designed to fit the hand
- Easy-to-read white blade with 1/8" graduations; foot markings printed in red

Item #	Lgth. (ft.)
ST34-106	100

STANLEY INDUSTRIAL TOOLS

Chalk Box

FatMax® Extreme™

- Rewinds 5x faster – has a 5:1 gear ratio

Item #	Length (ft.)
ST47-480	100

APEX TOOL GROUP

COOPER HAND TOOLS

Power Return Tapes

Orange and Yellow Cases

Lufkin®

- Hi-Viz® case - easy to find on the job
- Case designed to fit perfectly in the hand
- Lightweight, high-strength case
- Toggle lock is positioned for convenient operations and holds the blade securely in any position

Item #	Blade Size (Wdth. (In.))	Blade Size (Lgth. (Ft.))
CGHV1049CME	1 (25 mm)	30 (9 m)
CGHV1425D	1	25 Engineer's
CGHV1048CM	25 mm	8 m

COOPER HAND TOOLS

Measuring Tape

Autolock 700 Series

Lufkin®

- Automatic blade lock holds the blade in extended
- Recessed lock release to reduce chance of accidental retraction
- Durable clear coat blade protection for longer blade life
- Blade Width: 1 in.
- Blade Length: 25 ft.

Item #
CGAL725

COOPER HAND TOOLS

Measuring Tape

Autolock 700 Series

Lufkin®

- Automatic blade lock holds the blade in extended
- Recessed lock release to reduce chance of accidental retraction
- Powerful dual magnets can also serve as a pick-up tool
- Blade Width: 1 in.; Blade Length: 25 ft.

Item #
CGAL725MAG

COOPER HAND TOOLS

Tape Measure

Hi-Viz® Orange

Lufkin®

- Lightweight, high-strength, contour grip case fits hand comfortably
- Hi-Viz® orange color makes tape easier to locate

Item #	Size (in. x ft.)
CGL525	1x25

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

APEX TOOL GROUP

COOPER HAND TOOLS

Tape Measure

Series HV1000 HiVis Orange

Lufkin®

- Case designed to fit perfectly in the hand
- Lightweight, high-strength case
- Quad Hook™, four rivets for extra strength (1" blade only)
- Engineer's tape is graduated feet, 1/10ths and 1/100ths on top edge and feet, inches and 16ths on bottom edge

Item #	Size (in.x ft.)
Engineers	
CGHV1312D	¾x12
Standard	
CGHV1425	1x25

COOPER HAND TOOLS

Engineer's Fiberglass Tape

10th 100ths

Hi-Viz® Orange

- Two-material grip is comfortable to use
- Hi-Viz® orange case is easy to find on the job site
- Open four-arm frame design protects blade
- Engineer's blade - 10ths and 100ths of feet plus feet
- Blade Width: 1/2"

Item #	Length (ft.)
CGFE100D	100

COOPER HAND TOOLS

Fiberglass Tape

Lufkin®

- Two-material grip is comfortable to use
- Hi-Viz® orange case is easy to find on the job site
- Open four-arm frame design protects blade, does not trap dirt in case
- Feet & inches graduated to 8ths; numbered ft. & instantaneous ft.
- Blade Width x Length: 1/2" x 100'

Item #
CGFE100

COOPER HAND TOOLS

Fiberglass Tape

Pro Series

Lufkin®

- 3-to-1 rewind for fast blade retraction
- 3/4" blade is more durable; large numbers are easy to read
- 2-sided blade, feet and inches on top, feet to 10ths and 100ths on bottom

Item #	Blade Lgth. (ft.)
CGPSFE100	100
CGPSFE200	200
CGPSFE300	300

COOPER HAND TOOLS

Surveying Tape

Lufkin® Chrome Clad®

- Blade Finish: Chrome Clad®
- Instantaneous reading
- Blade is 3/8" (10 mm) wide and .008" thick; Blade Length: 100 ft.

Item #
CGC1286

COOPER HAND TOOLS

Surveying Tape

Lufkin® Ny-Clad®

- Durable nylon coating on blade resists wear under extreme conditions
- Super fast 3-to-1 blade retraction saves time in the field
- Steel blade will not stretch under normal use
- Blade Width: 1/2"; Blade Length: 100 ft.

Item #
CGPS1806

COOPER HAND TOOLS

Surveying Tape

Lufkin® HI-Viz® Atlas® Ny-Clad®

- Durable nylon coating on blade resists wear under extreme conditions
- Super fast 3-to-1 blade retraction saves time
- Steel blade will not stretch under normal use
- Blade Width: 1/2"; Blade Length: 200 ft.

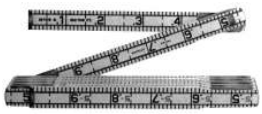
Item #
CGPS1808

COOPER HAND TOOLS

Engineer's Folding Rule

5/8" x 6'

Lufkin®



- 066D and 1066D graduated in feet, 10ths and 100ths feet
- Red foot figures

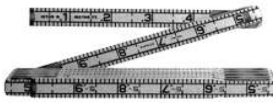
Item #
CG1066D

COOPER HAND TOOLS

Folding Rule

5/8" x 6'

Lufkin®



- Boxwood finish wood sections are 25% thicker than regular wood rules, withstands daily usage
- Bold red and black markings contrast sharply against white or natural finish background

Item #
CG066F

STARRETT®

Electronic Micrometer

734 Series

Full function electronic outside micrometers with a full range of features.

- Large, high-contrast LCD digital readout is easy to read and reduces errors
- Conventional inch or millimeter graduations standard
- No-glare black wrinkle finish on the frame
- Starrett no-glare satin chrome finish on thimble and sleeve
- Balanced frame design for comfortable and accurate measuring
- Ring-type knurled lock nut for quick and sure locking
- Smooth friction thimble for uniform pressure
- The anvil and spindle diameter is .250”
- Tapered frame for use in narrow slots and tight places
- Extremely hard and stable one-piece spindle
- Micro-lapped carbide measuring faces
- Includes one 3-volt battery for over one year’s normal usage
- Automatic OFF after 30 minutes of nonuse
- Instant inch/millimeter conversion (except on 734 metric-only model)
- Measurement HOLD button
- Ability to zero tool at any position
- Ability to retain and return to the true zero reading of the micrometer
- PRESET button to install any reading at any position
- Ability to install minimum and maximum limits except on straight metric models

Item #	Range
STR3734XFL-1	0”-1”, 0-25mm

STARRETT®

Micrometers

216 Series

Mechanical digital micrometer

- The anvil and spindle are sized at .250”
- Clear, easily read numbers reduce errors
- No-glare black finish on the frame
- Starrett no-glare satin chrome finish on thimble and sleeve
- .001” or is read directly from the counter
- .0001” is read from the vernier scale on the micrometer sleeve
- Balanced frame design for comfortable and accurate measuring
- Ring-type knurled lock nut for quick and sure locking
- Gracefully designed tapered frame for use in narrow slots and tight places
- A choice of smooth friction thimble for uniform pressure on the 1-4” sizes or the combination ratchet and speeder for uniform pressure and quicker adjustment on all sizes
- Available in inch and millimeter models
- Available in .001”, .0001” and .01 mm graduations

Item #	Range	Measuring Surfaces
STR216RL-1	0-1”	Steel
STR216XRL-1	0-1”	Carbide
STR216RL-2	1-2”	Steel
STR216RL-3	2-3”	Steel
STR216RL-4	3-4”	Steel
STR216RL-5	4-5”	Steel
STR216RL-6	5-6”	Steel

STARRETT®

Micrometer Depth Gages

445 Series

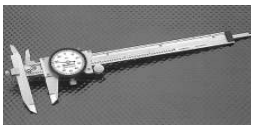
The depths of holes, slots, shoulders and projections can be measured to .001” with these tools. A graduation of 0.001 mm is also available. Gages are furnished with choices of 3”, 4” and 6” bases and have 5/32” diameter measuring rods

- Features a combination ratchet and speeder for uniform pressure and quicker adjustment
- Ring-type lock nut for quick and sure locking

Item #	Range	Base
STR445AZ-3RL	0-3”	3”
STR445AZ-6RL	0-6”	3”
STR445AZ-9RL	0-9”	3”
STR445AZ-12RL	0-12”	3”
STR445BZ-3RL	0-3”	4”
STR445BZ-6RL	0-6”	4”
STR445BZ-9RL	0-9”	4”
STR445BZ-12RL	0-12”	4”
STR445DZ-3RL	0-3”	6”
STR445DZ-6RL	0-6”	6”
STR445DZ-9RL	0-9”	6”
STR445DZ-12RL	0-12”	6”

STARRETT®

Offset Dial Caliper



120J Series

This too has an adjustable jaw for versatility when measuring different planes that can’t be reached with a regular caliper. The reference jaw is adjustable in height to be either longer or shorter than the sliding jaw.

- Adjustable jaw-3-1/2” long
- Extends up to 5/8” longer than the sliding jaws

Item #	Range
STR120JZ-6	0-6”

STARRETT®

Dial Calipers With Long Nib Jaws

120B Series

This tool is a direct reading caliper with 3” long jaws, ideal for heavy duty use and for gaining access to more measuring area than with conventional calipers. Strong inside and outside nibs measuring from zero for outside measuring and from .300” for inside measuring

- Also available in 0-300 mm range

Item #	Range
STR120B-12	0-12”

STARRETT®

Electronic Calipers

799 Series

Light, comfortable, easy to use. They have a slim, streamlined profile, function buttons for zero and inch/mm, a large, clear, easy-to-read LCD display, and long battery life.

All Sizes:

- Inch/millimeter conversion reads .0005" or 0.01mm
- Easy access to single long-life battery
- Last measuring position retained when shut off
- Hardened stainless measuring surfaces for long life
- Fine adjustment thumb wheel
- Lock screw to hold the slide in position; zero at any position
- Resolution: .0005" (0.01mm)

6", 8" & 12" Calipers Only:

- Easy-to-read LCD, .32" high characters
- Auto shut-off after 5 minutes of nonuse
- Linear accuracy meets DIN862
- Integrated depth rod
- Jaw Depths: 6" Caliper - 1 1/2" outside, 5/8" inside; 8" Caliper - 2" outside, 5/8" inside; 12" Caliper - 2 1/2" outside, 23/32" inside

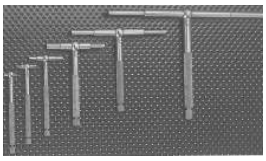
Extended Range 24" & 40" Calipers:

- Preset and hold feature
- Minimum and maximum limits set
- I.D. jaw dimension is .800"/20.32mm
- LCD characters are .50" high
- Auto shut-off after 30 minutes of nonuse

Item #	Range
STR799A-6/150	0”-6”
STR799A-8/200	0”-8”
STR799A-12/300	0”-12”
STR799AZ-24/600	0”-24”
STR799AZ-40/1000	0”-40”

STARRETT®

Telescoping Hole and Slot Gages



579 Series

Telescoping gages, self centering, with two telescoping arms. The handles are rigidly attached to the plungers and are automatically self-centering. Constant spring tension gives uniform contact pressure and both plungers are easily locked at any desired setting.

Item #	Range	Handle Length (in.)
STR579A	5⁄16”-1⁄2”	2⅜
STR579A-8	5⁄16”-1⁄2”	8
STR579A-12	5⁄16”-1⁄2”	12
STR579B	1⁄2”-3⁄4”	2⅜
STR579B-8	1⁄2”-3⁄4”	8
STR579B-12	1⁄2”-3⁄4”	12
STR579C	3⁄4”-1¼”	2⅜
STR579C-8	3⁄4”-1¼”	8
STR579C-12	3⁄4”-1¼”	12
STR579D	1¼”-2⅛”	2⅜
STR579D-8	1¼”-2⅛”	8
STR579D-12	1¼”-2⅛”	12
STR579E	2⅛”-3½”	2⅜
STR579E-8	2⅛”-3½”	8
STR579E-12	2⅛”-3½”	12
STR579F	3½”-6”	3¼
STR579F-8	3½”-6”	8
STR579F-12	3½”-6”	12

STARRETT®

Lock-Joint Transfer Type Calipers

36 Series Outside and 37 Series Inside

Starrett Lock-Joint Transfer Calipers have three key features… a transfer arm, fine-adjustment screw, and locking joint. The transfer arm makes it possible to transfer measurements from the inside of chambered cavities, over flanges and other places where it is necessary to move the legs after they have been set to size. The adjusting screw permits close adjustments for fine measurements. After the legs have been set to approximate size and the joint locked, the final adjustment is made by a few turns of the knurled adjusting nut.

- Legs are made from high-grade steel
- Sizes listed are the length of the legs.Their actual measuring capacity is about one-third greater than the size of the legs

Item #	Size (in.)
36 Series Outside Calipers	
STR36-6	6
STR36-12	12
STR36-24	24
37 Series Inside Calipers	
STR37-6	6
STR37-12	12
STR37-24	24

STARRETT®

Carpenters Dividers

92 Series

These dividers combine rigidity, light weight & easy handling. The sturdy construction of the joint, combined with the quadrant, eliminates side deflection of the legs. A quadrant adjusting nut permits fine-adjustments for close measurements. A check nut located between the legs locks the legs firmly after the proper adjustment has been made. This feature prevents the legs from moving in and out with the grain on wood when scribing, or sliding off rough spots when scribing on metals.

- Legs are forged steel, tempered & highly polished
- The adjustable point may be quickly removed & a common pencil inserted in its place
- The No. 92-9, 9" size is designed to accommodate a standard long pencil, especially useful for carpenters
- No. 88 Ball Points may be used with the No. 92 Series
- Actual capacity is one-third greater than the listed size

Item #	Size (in.)
STR92-6	6
STR92-9	9

STABILA

Laser Measure

Type LD300

- Length, area, volume & Pythagorean
- Continuous measure function

Item #	Accuracy	Range (radius) (ft.)
SB06300	± 1/16" over range	100

STABILA

Laser Measure

Type LD400

- Length, area, volume, continuous measure, square footage, Pythagorean, add and subtract
- Hooks edge points for inside corner/diagonal measurements
- Stores last 10 measurements

Item #	Accuracy	Range (radius) (ft.)
SB06400	± 1/16" over entire range	200

STABILA

Laser Measure

Type LD500

- Camera Target Locator with 4X Zoom
- Built in Inclinometer - built in, measures degrees, percent of grade and slope; stores last 20 measurements
- Integrated Calculator – readings can be added to, multiplied, subtracted from, etc.

Item #	Accuracy	Range (radius) (ft.)
SB06500	±1/16" over entire range	650

STANLEY INDUSTRIAL TOOLS

Stud Sensor

- Reads multiple depths (1/2", 1", 1-1/2") for versatility
- Unique “speaker” feature provides audible sound when locating studs
- High-visibility LED indicates precisely when stud edge is located

Item #
ST77-115

KRYLON® INDUSTRIAL PAINTS

Inverted Marking Paint

Quik-Mark™

- High solids formation for bold, bright, visible markings
- Fast drying
- Penetrates & adheres to hot surfaces
- Convenient Spray Thru™ cap & non-clogging spray tip
- VCC Compliant, free of lead hazards

Item #	Color
Water Based Marking Paints	
KRS03500	Clear
KRS03620	Caution Blue
KRS03901	Brilliant White
KRS03911	Brilliant Red
Fluorescent, Water Based	
KRS03612	Pink
KRS03630	Safety Green
KRS03700	Orange
Solvent Based Marking Paint	
KRS03600	Clear
KRS03611	A.P.W.A. Red
KRS03621	A.P.W.A. Blue
KRS03631	Green
KRS03821	High Visibility Yellow
KRS03900	Utility White
Flourescent, Solvent Based	
KRS03613	Safety Red
KRS03614	Neon Green
KRS03622	Hot Pink
KRS03701	Red Orange
KRS03702	Orange

IRWIN INDUSTRIAL TOOLS

Chalk Line Reel

- Durable aluminum alloy construction
- Case doubles as plumb bob - plumb line
- Metal handle - self-locking on all reels
- Slide fill opening - Leak-proof
- Large grip anchor ring

Item #	Length (ft.)
IR64110	100

IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Chalk Line Reel

- 6X Faster than traditional chalk reels
- 6:1 Gear ratio
- Metal drive gear; metal handle
- Wide pronged hook
- Nylon/Polyester braided line

Item #
IR2031314DS

IRWIN INDUSTRIAL TOOLS

Chalk Reel Combo

Strait-Line™

- Length: 100’
- Chalk line reel and 4 oz. chalk refill

Item #	Desc.
IR64494	Speed-Line Chalk Reel with 4 oz. Blue Chalk
IR64495	Speed-Line Chalk Reel with 4 oz. Red Chalk

IRWIN INDUSTRIAL TOOLS

Refill Chalk

Plastic Squeeze Bottle

Strait-Line™

- Micro fine for more marking powder

Item #	Color
8 Ounce	
IR64901	Blue
IR64902	Red
IR64903	Yellow
IR64904	White
IR64905	Fl. Orange
IR64907	Fluorescent Green
IR64908	Black

IRWIN INDUSTRIAL TOOLS

Refill Chalk

Plastic Squeeze Bottle

Strait-Line™

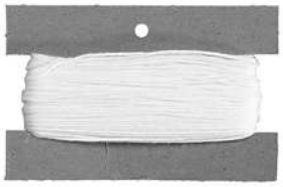
- Permanent marking chalk; exterior use
- High visibility chalk for self chalking line reels; visible after weeks of weather exposure and jobsite wear
- For use on a variety of surfaces including wood, drywall, concrete, stone, and metal
- Weight: 5 lb.

Item #	Desc.
IR65101	Blue
IR65102	Red
IR65103	Yellow
IR65104	White
IR65105	Fluorescent Orange
IR65108	Black

IRWIN INDUSTRIAL TOOLS

Replacement Line For Chalk Line

Strait-Line®



- High tensile strength
- Cotton cord

Item #	Size (ft.)
IR64610	100

Stringliner

STRINGLINER COMPANY

Fluorescent Line Reels

Original Stringliner:

- Quality #18 Braided Nylon Line
- Line Reel made of durable polyethylene
- Line secures in convenient notch

Stringliner Pro:

- Fits all line with 1” cores from 4” to 6” long
- Reload rolls of line easily
- Adjust to different lengths of cores
- Rewind hand crank
- Quality #18 Braided Nylon Line

Item #	Length	Color
Orginal Stringliner		
STL11462	250’	Pink
Stringliner Pro		
STL25459	500’	Orange
STL25462	500’	Pink

LA-CO Markal

MARKAL

Lumber Crayon

Pro-EX®

- The clay-based "feel" that high-volume lumber crayon users prefer
- Stronger formula for reduced breakage
- Superior performance on wet wood

Item #	Color
LC80380	White
LC80381	Yellow
LC80382	Red
LC80383	Black
LC80385	Blue
LC80386	Green

LA-CO Markal

MARKAL

Lumber Crayon Holders

#108 Holder

- Durable aluminum construction
- For use with 1/2" hexagonal lumber crayons, protects crayon from breakage; push-button operation
- Comes with leather wrist thong

Item #
LC85400

MARKAL

Lumber Crayon Holders

#109 Peterson Holder

- For all 1/2" hexagonal markers
- Made of durable hardwood
- Protects crayon from breakage; includes leather wrist thong

Item #
LC85490

MARKAL

B Paintstik®

- Weather-resistant, UV-resistant
- Real paint in stick form; marks through oil and water
- Ideal for layout, color coding, fabrication and identification
- Marks on smooth, rough, rusty, or dirty surfaces
- For use on metal, wood, plastic, concrete, rubber, glass, cardboard, and paper; lead-free, non-toxic
- Size: 11/16" x 4-3/4"

Item #	Color
LC84810	White
LC84811	Yellow
LC84812	Red
LC84813	Black
LC84814	Orange
LC84815	Blue
LC84816	Green

MARKAL

Dura-Ink® 25 Markers

King Size

- Broad chisel tip for bold marks; extra large ink supply
- Use on cardboard, wood, metal, paper, ceramics, glass & leather

Item #	Color
LC96222	Red
LC96223	Black

MARKAL

Soapstone Marker

- For temporary marking of metal surfaces
- Made of all natural soapstone for superior marking
- Marks will not contaminate welds and are easily removed
- Round 5-1/4" length

Item #
LC80130
LC80141 (Holder)

MARKAL

Paint Marker

Valve Action®

- Marks with real paint, dries in 3 minutes
- Nib releases paint as needed for continuous marking
- Marks on all surfaces including: metal, wood, glass, plastic, rubber, cardboard, and paper;
- Lead-free, low halogens
- The fiber nib is replaceable to assure complete use of each marker

Item #	Color
LC96820	White
LC96821	Yellow
LC96822	Red
LC96823	Black
LC96824	Orange
LC96825	Blue
LC96826	Green
LC96832	Aluminum

IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Carpenter Pencil Sharpener

- Uses 50% less pencil per sharpening cycle

Item #
IR233250

IRWIN INDUSTRIAL TOOLS

Carpenter Pencil

- 7" overall length

Item #
IR66300

IRWIN INDUSTRIAL TOOLS

Markers

Permanent

Sharpie®

- Black permanent marker marks on wood, glass, plastic, metal, etc.

Item #
IR35010-SH

IRWIN
Industrial Tools

IRWIN INDUSTRIAL TOOLS

Markers

Permanent

Sharpie®

- A fine-tip marker designed to make a permanent impression on even the most hard-to-mark light and dark surfaces
- Features opaque metallic permanent ink in silver

Item #
IR39108-SH

IRWIN INDUSTRIAL TOOLS

Markers

Permanent

Sharpie®

- Blue fine-point permanent marker

Item #
IR30103-SH

IRWIN INDUSTRIAL TOOLS

Industrial Markers

King Size Sharpie®

- Industrial strength for tough marking jobs
- Marks on wet and oily surfaces
- Durable aluminum barrel and felt tip stand up to heavy use
- Special water resistant ink formula dries quickly
- Excellent for marking corrugate, wood, metal, foil, stone, plastic and leather and more

Item #	Color
IR15001-SH	Black
IR15002-SH	Red

Edge rents & repairs lasers

Ask us about the "Green Beam" lasers.

- **Better interior visibility**
- **Bright identifiable beam**

Call Edge today to schedule a demonstration of any of our electronic layout lasers.

CONSTRUCTION ELECTRICAL PRODUCTS

Trouble Lights

- Fluorescent trouble light with hook
- 25 ft. 16/3 ga. SJTW cord

Item #	Desc.	Watts
CEP1330FT	Fluorescent Trouble	13

CONSTRUCTION ELECTRICAL PRODUCTS

Economy Import Lights

Stubby

- Weatherproof and UL listed for use in wet locations
- One rough service quartz halogen bulb included with each fixture

Item #	Desc.	Watts
CEP5125-I	Stubby	500

CONSTRUCTION ELECTRICAL PRODUCTS

Quartz Floodlight

Magnetic Base

- 5" diameter magnetic base provides up to 200 lbs. of holding power
- On/Off switch on all units
- Vinyl cover on magnet protects surface to which it is attached
- 8' 16/3 SJTW power supply cord

Item #
CEP5050

CONSTRUCTION ELECTRICAL PRODUCTS

Heavy-Duty Work Lights

Quartz

- Weatherproof and UL listed for use in wet locations
- Folding tripod base and removable head assemblies for easy set-up and storage
- All steel stand and components
- 2-stage adjustable telescoping mast

Item #	Desc.	Height (ft.)	Watts
CEP5710	2 Fixture, w/switch	7	1000
CEP5750	1 Fixture, w/switch	7	500

CONSTRUCTION ELECTRICAL PRODUCTS

Economy Import Lights

Double Fixture

- Weatherproof and UL listed for use in wet locations
- One rough service quartz halogen bulb included with each fixture
- 3-stage adjustable telescoping mast

Item #	Desc.	Height (ft.)	Watts	Mast
CEP5610-I	Double Fixture w/switch	6	1000	3 Stage

CONSTRUCTION ELECTRICAL PRODUCTS

Economy Import Lights

Single Fixture

- Weatherproof and UL listed for use in wet locations
- One rough service quartz halogen bulb included with each fixture
- 3-stage adjustable telescoping mast

Item #	Desc.	Height (ft.)	Watts	Mast
CEP5650-I	Single Fixture w/switch	6	500	3 Stage

CONSTRUCTION ELECTRICAL PRODUCTS

Replacement Bulbs

- Replacement bulbs for work lighting

Item #	Type	Watts	Volts
CEP5911	Quartz Halogen	150	130

CONSTRUCTION ELECTRICAL PRODUCTS

Booster Cables

- Red and black vinyl jacket
- 12 ft. 6 ga. SJTW cable

Item #
CEP8612

CONSTRUCTION ELECTRICAL PRODUCTS

Tuff Plates Cord Protectors

- Durable protection for cables
- Width: 30”

Item #	Desc.	Rating	Length (in.)	Height (in.)
CEP3110	5 Chnl HD Cable Protector	40,000#	36	2.31
CEP3115	5 Chnl HD End Cap Set	40,000#	7.5/5.25	2.31
CEP3111	5 Chnl GP Cable Protector	20,000#	36	1.95
CEP3116	5 Chnl HD End Cap Set	20,000#	4.75	1.95

CONSTRUCTION ELECTRICAL PRODUCTS

3 Phase Distribution Panels

These heavy-duty 3 phase power distribution carts are designed to breakdown 3 phase 120/208V power into 208V 3 phase, 250V single phase and/or 125V single-phase power. The power supply input may be a direct wire feed, 100A pin and sleeve, or cam type devices. Either a large generator or another large power source may power them. These panels may be designed to act as the feeder for the smaller spider type boxes or wired for powering large equipment. The cart is made of heavy gauge tube steel and provides an easy means of transportation as well as protection for the enclosure. The enclosure is custom built from 16 gauge sheet metal. 100A, 200A, 400A and special configurations are available upon request.

- Heavy duty cart
- Clear breaker panel window
- Easily stackable
- GFCI protection available
- 3R and 4X available
- Stainless steel 16ga. enclosure
- UL Listed

Item #	Main Breaker Rating/Input Type	Output Receptacles (Qty.)/Nema#/Amp-Volt Rating
CEP6210DC	100 Amp 120/280V Direct Wire	(10) 5-20R 20 Amp 125V Straight GFCI, (2) L6-30R 30 Amp 250 V Twist
CEP6211DC	100 Amp 120/280V Direct Wire	(4) L21-20R 20 Amp 120/208V Twist, (2) 5-20R 20 Amp 125V Straight GFCI
CEP6220CC	200 Amp 120/280V Cam Type	(6) CS6364 50 Amp 125/250V Twist, (2) L6-30 30 Amp 250V Twist, (2) L5-20 20 Amp 125V Twist GFCI
CEP6221CC	200 Amp 120/280V Cam Type	(8) L21-20 20 Amp 120/280V, (2) 5-20R 20 Amp 125V Straight GFCI
CEP6240CC	400 Amp 120/280V Cam Type	(8) Pin/Sleeve 60 Amp 125/250V, (2) 5-20R 20 Amp 125V Straight GFCI
CEP6241PC	400 Amp 120/280V Cam Type	(4) Pin/Sleeve 100 Amp 120/280V, (2) 5-20R 20 Amp 125V Straight GFCI

CONSTRUCTION ELECTRICAL PRODUCTS

480 Volt 3 Phase Power Station

Transformer Based

These heavy-duty 3 phase power distribution carts are designed to breakdown 3 phase 120/208V power into 208V 3 phase, 250V single phase and/or 125V single-phase power. The power supply input may be a direct wire feed, 100A pin and sleeve, or cam type devices. Either a large generator or another large power source may power them. These panels may be designed to act as the feeder for the smaller spider type boxes or wired for powering large equipment. The cart is made of heavy gauge tube steel and provides an easy means of transportation as well as protection for the enclosure. The enclosure is custom built from 16 gauge sheet metal. 100A, 200A, 400A and special configurations are available upon request.

- Heavy duty cart; stainless steel 16ga. enclosure
- Clear breaker panel window
- Easily stackable
- GFCI protection available
- 3R and 4X available
- Stainless steel 16ga. enclosure
- UL Listed

Item #	Transformer KVA Sizes	Primary Disconnect
CEP6214PDC15	15KVA	30A
CEP6210PDC30	30KVA	60A
CEP6212PDC30	30KVA	60A
CEP6220PDC45	45KVA	60A
CEP6220PDC75	75KVA	90A
CEP6221PDC75	75KVA	90A
CEP6240PDC150	150KVA	200A
CEP6241PDS150	150KVA	200A

PROBUILT PROFESSIONAL LIGHTING, LLC

Work Light

Wobblelight®

- The 36" tall Wobblelight® is a self righting, highly durable work light that takes a severe beating from workers, vehicles, debris, and drops with no bulb breakage
- Floating shock system protects bulb from jarring
- Impact resistant poly dome
- Internal ventilation system keeps exterior cool to the touch
- Power inlet/outlet
- Carrying handle
- Counter weighted design keeps light self-righting

Item #	Desc.	Coverage (ft.)
WL500H	500-watt Halogen	16-24
WL175MH	175-watt Metal Halide	30-42
WL400MH	400-watt Metal Halide	78-110

Accessories

WLD052195	175-watt Metal Halide (Bulb Only)	-
WLD052197	400-watt Metal Halide (Bulb Only)	-
WL0390318401	Light Dome and Cap Assembly	-
WL52230	Light Reflector Shield	-

PROBUILT PROFESSIONAL LIGHTING, LLC

Work Light

Wobblelight®

The 27" tall Wobblelight® Jr. is a self righting, highly durable light that can take rough handling at home or on the job.

- Integrated 5-foot power cord
- Low heat output; no hot surfaces
- Self-ballasted, instant-on technology
- Completely self-righting
- Tough, light-weight molded housing

Item #	Desc.	Coverage (ft.)
WL85SF	85-watt Spiral Fluorescent bulb	20+ lighting radius

PROBUILT PROFESSIONAL LIGHTING, LLC

Temporary Area Work Light

Hang-A-Light®

- Built in electrical receptacle allowing interconnectivity of up to 8 units on 120V / 15A service
- Self- Ballasted CFL Bulb: lightweight and flicker free with instant start-up
- Energy Efficient: Spiral Fluorescent gives bright 360° light with low-cost operation

Specifications:

- Lamp Type: Fluorescent
- Lumen Output: 6,900

Item #	Desc.	Coverage (ft.)
WL111105F	105-watt	20-30

PROBUILT PROFESSIONAL LIGHTING, LLC

Uplight v2 Portable Task Light

Defender®

The ultimate in durability, portability and versatility. The 2-foot and 4-foot Defender® Uplight v2's have extremely tough housings and many innovative features. Lean it, lay it, stand it, hang it, or link it. This low current, high-output lighting tackles many tasks that other products can't, including confined spaces.

- Accessory outlet for linking units together
- IP44 design for dust and water resistance
- 15-ft. integrated power cord
- Non-slip rubber base for leaning against walls
- Removable reflector for 360° lighting; adjustable nylon strap
- Lamp life 20,000 hours
- CSA certified
- Optional wobble base available

Item #	Desc.
PBTE712505	2 Ft., 18 Watt Fluorescent
PBTE712500	4 Ft., 36 Watt Fluorescent

PROBUILT PROFESSIONAL LIGHTING, LLC

Eco Uplight Portable Self Standing Task Light

Defender®

The Defender® Eco Uplight is the ultimate tripod task light for durability, portability and versatility. Available in a 2 foot or 4 foot version, the integrated and collapsible legs open up to 30" diameter for exceptional stability. This low-current, high-output light tackles many tasks that other products can't, including confined spaces.

- Collapsible locking tripod base
- IP44 design for dust and water resistance
- 15-ft. power cord; adjustable nylon carrying strap
- Lamp life of 20,000 hours
- CSA certified

Item #	Desc.
PBTE712605	2 Ft., 18 Watt Fluorescent
PBTE712600	4 Ft., 36 Watt Fluorescent

PROBUILT PROFESSIONAL LIGHTING, LLC

Floor Lights

Defender®

Portable, lightweight, and durable, the Defender® Floor Lights deliver big brightness from a small package. Heavy-duty impact resistant housing keeps them on the job. Compact size goes into tight places and stores easily. Fluorescent and LED units available.

- IP44 design for dust and water resistance
- Rubberized carrying handle and base
- Highly polished reflector; low energy consumption
- Polycarbonate lens, 10-ft integrated power cord
- CSA certified

Item #	Desc.
PBTE709165	38 Watt Fluorescent
PBTE709187	64 LED

PROBUILT PROFESSIONAL LIGHTING, LLC

Rechargeable LED Hand Lamp

Defender®

Defender® Rechargeable LED Hand Lamp is water resistant and durable, with a tough housing and high-output LED's. It is perfect for small jobs and standard issue equipment for your tradesmen or maintenance teams.

- 26 High-output LEDs
- HI/Low setting
- Multi-positioning retainer; rechargeable NiMH batteries
- IP44 design for dust and water resistance
- Run time of 6 hours (low) and 3 hours (high)
- Supplied with 120V adapter/charge

Item #	Lumens	Lighting Area
PBTE712810	133	up to 8 ft. range

COLEMAN CABLE INC.

Work Light

- Grounded metal guard with side outlet and switch
- 25 ft. orange, 16/3 ga., SJT cord
- 75 watt maximum bulb

Item #
COL05427-88-03

COLEMAN CABLE INC.

Clamp Light

- Features a double ball universal joint, non-marring grips and a clamp-on bracket
- On off push through switch and rugged molded-on plug
- 8-1/2" diameter reflector; 6 ft. cord

Item #
COL05932-00-57

COLEMAN CABLE INC.

Temporary Light Strings

Cord-O-Lite™

- Plastic guards
- Heavy-duty 12/3 SJTW (yellow) cord with molded light sockets
- Accommodates A-23 bulbs up to 150 watts
- NEC compliant; meets OSHA requirements; UL listed

Item #	Length (ft.)
COL07549-88-02	100
COL07548-88-02	50

COLEMAN CABLE INC.

Replacement Guards

- Replacement guard

Item #	Desc.
COL07200-20-00	Coated Metal
COL07500-00-00	Plastic

COLEMAN CABLE INC.

400W Metal Halide Temporary Lighting

Features:

- Energy Efficient and Long Life 400W Metal Halide Bulb
- Quick installation with spring-loaded hanger
- Heavy gauge steel guards to resist damage
- Quad-tap ballast (120v, 208v, 240v, 277v)

Item #
COL07605-88-00

Replacement Bulb

COL07625

WMSI

Light Bulbs

- Incandescent, frosted
- Contractor grade; 120 per case

Item #	Desc.
MID00378	75W Tough Coat
MID00391	100W Tough Coat
MIDL75	75W Rough Service
MIDL100	100W Rough Service

WARNER TOOL

Quartz Halogen Bulb

- 500 watt/130 volt replacement bulb
- Type J T-3 bulb

Item #
DDSB2000

WARNER TOOL

Magnetic Worklight

- 500 watt weatherproof fixture
- 16 gauge, 8 ft. heavy-duty cord
- Powerful 40 lb. pull strength magnet

Item #
DDBD-MAG

RAYOVAC

6-Volt Industrial Lantern

Krypton Bulb

- Includes: 6 Volt Heavy Duty Battery and Flip Stand
- 4187 peak beam candlepower
- Withstands five foot drop tests, weatherproof construction
- Extra-wide reflector with super bright krypton bulb provide a long range beam

Item #
RYI6V-B2

RAYOVAC

Yellow Industrial Flashlight

2 Cell D Size

- Hanging ring on end cap for convenient hang-up storage
- 1115 peak beam candlepower
- Withstands seven foot drop tests, weatherproof construction

Item #
RYIN2

RAYOVAC

Yellow Industrial Flashlight

Magnetic 2 Cell D Size

- Powerful magnet for positioning and storage
- 2000 (KPR102), 985 (PR2) peak beam candle-power
- Withstands seven foot drop tests, weatherproof construction
- With krypton bulb

Item #
RYIN2-KML

RAYOVAC

Orange Industrial Safety Flashlight

2 Cell D Size

- Safety head and ring hanger
- 985 peak beam candlepower
- Approved for use in hazardous locations by UL and MSHA
- Withstands seven foot drop tests, weatherproof construction

Item #
RYIN2-MS

RAYOVAC

Yellow Industrial Value Flashlight

Magnetic 2 Cell D Size

- Strong magnet for positioning and storage, hanging lanyard
- 2750 peak beam candlepower

Item #
RYIV2DM

RAYOVAC

Industrial Flashlight

Roughneck™

- Shock absorbing bulb system, it withstands a 7-10 foot drop test
- Has spot-to-flood focus capabilities and is water resistant

Item #	Desc.
RYR2AA-BA	2 Cell AA Size Light w/Batteries
RYR2D	2 Cell D Size Light w/o Batteries
RYR3D	3 Cell D Size w/o Batteries

RAYOVAC

Rubber/Aluminum Flashlight

- Krypton bulb - 50% brighter than a standard bulb
- Durable rubber and aluminum construction
- Soft comfort grip
- Easy push button switch
- Handy lanyard to carry or hang
- Lifetime Warranty

Item #	Desc.
RY2AA-B RB	Uses 2 AA Batteries (included)
RY2D-B RB	Uses 2 D Batteries (included)

RAYOVAC

Industrial™ 2AA Swivel-Lite™

- High intensity bulb
- Smooth beam with prismatic reflector for close-in use
- 2-way Swivel
- 90° pivoting head
- 360° swivel around
- Hands-free with pocket or belt clip
- Easy battery replacement door
- Lifetime Warranty
- Uses 2AA Batteries (included)
- Replacement Bulb: T1

Item #
RYILJ2AA-B

RAYOVAC

Industrial™ 2D Swivel-Lite™

- Krypton bulb with spare bulb holder
- Durable rubber end cap & lens ring
- Rubber comfort grip
- 90° Swivel
- 5 foot drop tested; sturdy hang ring
- Lifetime Warranty
- Uses 2D Batteries (included)
- Replacement Bulb: K2

Item #
RYISL2D-B

RAYOVAC

Flex360™ LED Clamp Flashlight

RoughNeck™

- High performance LED, 130 lumens with adjustable spot to flood beam
- Grips onto anything to make the job trouble free
- Use the magnet to illuminate from a metal beam, car hood, etc.
- The flexible head rotates 180 degrees and pivots 90 degrees
- Run time is 12 hours on high, beam distance 130 meters, 415 feet
- Runs on 3 AAA batteries that are included

Item #
RYRNC3AA-B

RAYOVAC

3-1 LED Headlight

3 AAA Cell Size

- 2 Red LED's for improved night vision
- 2900 peak beam candlepower
- 1 Super bight white LED for close in viewing / Low beam - LED
- Long range T3 Krypton bulb with "spot to flood" focus
- Withstands five foot drop tests, weatherproof construction

Item #
RYSPHLTLED

RAYOVAC

Krypton Replacement Bulbs

- Flanged Base
- 2/Card

Item #	Desc.
RYK13-2	6-Volt Applications
RYK3-2	3 Cell D Size Flashlight

RAYOVAC

Industrial Alkaline Batteries

- Shrink wrapped

Item #	Desc.	Qty. per Pack
RYAL-AA	AA	8
RYAL-AAA	AAA	8
RYAL-C	C	6
RYAL-D	D	6
RYAL-9V	9V	6

RAYOVAC

Industrial Lantern Batteries

- 6-Volt
- Spring terminals
- Heavy-duty maximum

Item #
RY6V-HDM

PELICAN

PELICAN PRODUCTS

Industrial Flashlights

MityLite® Laser Spot™

- Fits into pockets, glove compartments, tool boxes etc.
- 400% brighter than ordinary pocket lights with a pre-focused Xenon beam
- Requires 2 AAA-cell Alkaline batteries
- Length 4-3/4", Diameter 5/8"

Item #	Color
PU1900C	Black
PU1904	Lamp/Module

PELICAN PRODUCTS

Industrial Flashlights

MityLite™

- Small powerful maintenance light with an exceptionally wide beam
- Built to perform in the most severe conditions: water, rain, snow and fog
- Requires 2 AA-cell Alkaline batteries
- Length 5-1/2", Diameter 1-1/4"

Item #	Color
PU2340B	Black
PU2304	Lamp Module

PELICAN PRODUCTS

Compact Flashlight

MityLite™

- Perfect for general use, around the house or at work
- Push button tail switch for one hand operation
- Hands-free use, attach it to your helmet or hard hat with clip included
- Powered by 4 AA Alkaline cell batteries
- 4 Hour Battery Burn Time

Item #	Color
PU2430C	Yellow

PELICAN PRODUCTS

Flashlights

Pocket SabreLite™

- Complete with xenon lamp module and lanyard
- Batteries: 2 C Alkaline
- Battery Burn Time: 7.5 hrs.
- Length: 5-13/16”

Item #	Color
PU1820C	Yellow

PELICAN PRODUCTS

Industrial Flashlights

Super SabreLite® Laser Spot™

- Most approved industrial quality flashlight in the world today for hazardous location use
- Submersible to 500 ft., has more fail safe features than any industrial flashlight made
- Requires 3 C-cell Alkaline batteries

Item #	Color
PU2000C	Black

PELICAN PRODUCTS

Flashlights

L1 LED Light

- Water resistant. LED flashlight provides up to 50,000 hours of built tough light
- Uses 4 LR44 1.5V Alkaline coin cells for up to 130 hours of battery life
- 2 night vision discs: red and blue/green
- Length: 2-5/8”; Candle Power: 6000; Battery Burn Time: 130 hrs.

Item #	Color
PU1930C	Yellow

PELICAN PRODUCTS

Flashlights

StealthLite™

- Built to perform in the most severe conditions
- Submersible to 500’ with an unbreakable corrosion proof ABS body and high impact polycarbonate lens
- 4 AA-cell batteries; 10,000 candle power
- Length: 6-1/2”

Item #	Color
PU2400B	Yellow
PU2404	Lamp Module

PELICAN PRODUCTS

Industrial Flashlight

VersaBrite™ Deluxe

- Easily clips onto caps, shirts, coats, belts, or attaches to almost anything
- The prefocused Xenon laser beam penetrates fog, smoke, and dust
- Includes 2 nite vision lens, (1) red and (1) blue/green
- Velcro® mounting system, adjustable hard hat/headband, and 2 AA-cell batteries

Item #	Color
PU2250	Black
PU2204	Lamp Module

PELICAN PRODUCTS

Industrial Flashlight Holders

Helmet Lite Holder For Pelican Lights

- Designed to fit all hard hats and helmets without drilling or gluing
- Fits all VersaBrite, MityLite, Super MityLite, MityLite Magnum, StealthLites plus other brand lights

Item #
PU700

PELICAN PRODUCTS

Industrial Flashlights

Heads Up Lite™

- Provides hands free light to the exact area needed
- The powerful Krypton beam adjusts from spot to flood
- A comfortable fit is provided by the large, firm but soft head pad and elastic cloth strap
- A large on/off switch is easy to operate
- Made of corrosion proof ABS polymer
- Includes 4 AA-cell batteries, 2 Krypton lamps
- Submersible to 500 feet
- Weight: 5.4 oz

Item #
PU2600CS

PELICAN PRODUCTS

Remote Area Lighting System

Combines tough 1510 Case with 16 x 1 watt LEDs mounted in an aluminum heat sink. All items are stored inside the case and assemble in minutes. The aluminum pole extends to a height of 83" to provide 1280 lumens of light for any area. The rechargeable battery has 9 hours of life at maximum output tailing off to low light level at hour 17. The diffuser (included) can be mounted to change the beam from a focused spot to a diffused beam.

- Now RoHS Compliant; almost 10 lbs. lighter; new power panel
- Booklet and reference card included; battery status indicator lights
- Pole storage located conveniently inside the base of the case

Item #
PU9450R.A.L.S.

MAGLITE®

D-Cell Flashlights

- High strength aluminum alloy case
- O-ring sealed for water resistance
- 1/2 turn, cam-action focus, spot-to-flood
- 3 position switch - on, off, signal

Item #	Size	Bulb
MLS2D016	2D	Krypton
MLS3D016	3D	Krypton
MLST2D016	2D	LED

MAGLITE®

Mini Flashlights

- High-strength alloy aluminum case
- O-ring sealed for water resistance; candle mode
- 1/2 turn, twist focus, spot-to-flood

Item #	Size	Bulb
MLM2A016	AA	Krypton
MLM3A016	AAA	Krypton
MLSP2201H	AA	LED

MAGLITE®

Solitaire Flashlight

- High-strength aluminum alloy case
- O-ring sealed for water resistance
- Extended key lead for easy use
- Twist focus, spot-to-flood

Item #	Size	Bulb
MLK3A016	AAA	High Intensity

MAGLITE®

Replacement Bulbs

- 2 Pack

Item #	For Flashlight	Type
MLLWSA201	2D	Krypton
MLLWSA301	3D	Krypton
MLLM2A001	AA Mini	Krypton
MLLM3A001	AAA Mini	High Intensity

COLEMAN CABLE INC.

Extension Cords

Polar/Solar®

- Polar/Solar™ cord will not crack, peel, flake or bake out even in the most bitter arctic cold
- Lightweight and stays flexible to -67°F
- Rugged T*Prene insulation provides superior resistance to abrasion, ozone, oil, grease and chemicals and cold weather
- Power indicator light in the female receptacle to show that the power is on
- UL Listed & CSA Certified outdoor use cord set
- Meets OSHA requirements for outdoor use

Item #	Wire Ga/Cond	Length (ft.)	125V Rating
COL01487-00-02	14/3	25	15A
COL01488-00-02	14/3	50	15A
COL01489-00-02	14/3	100	13A

COLEMAN CABLE INC.

Multi-Outlet Extension Cord

3-Way

Polar/Solar™

- Lightweight and stays flexible to -67°F
- Plug in up to three (Tri-Source) tools in this unique female receptacle
- Power indicator light in female end to show that the power is on
- UL Listed & CSA Certified outdoor use cord set
- Meets OSHA requirements for outdoor use

Item #	Wire Ga/Cond	Length (ft.)	125V Rating
COL03489-00-02	12/3	100	15A

COLEMAN CABLE INC.

Extension Cord

3-Way Power Block

Polar/Solar™

- Three outlet cord connector with power indicator light; UL listed adapter cord set
- Cord rating: Extra Hard Usage per the National Electrical Code; CUL listed or CSA certified
- Cable temperature rating: -50 to +90ºC

Item #	Wire Ga/Cond	Length (ft.)	125V Rating
COL03482-00-22	12/3	2	15A

CCI

COLEMAN CABLE INC.

Multi-Outlet Extension Cords

3-Way Vinyl

- Provide additional outlets for power distribution
- Vinyl jacket resists moisture, abrasion, and prolonged exposure to sunlight
- UL/cUL/ETL Listed
- Meets OSHA requirements for outdoor use

Item #	Wire Ga/Cond	Length (ft.)	125V Rating
COL04189-88-02	12/3	100	15A
COL04188-88-02	12/3	50	15A
COL04187-88-02	12/3	25	15A

COLEMAN CABLE INC.

Extension Cords

Vinyl Outdoor

- Vinyl jacket resists moisture, abrasion and prolonged exposure to sunlight
- Three conductor lighted end
- UL/cUL/ETL Listed/Meets OSHA requirements for outdoor use

Item #	Wire GA/Cond	Length (ft.)
COL02587-88-02	12/3	25
COL02588-00-02	12/3	50
COL02589-00-02	12/3	100
COL02688-88-02	10/3	50
COL02689-88-02	10/3	100

COLEMAN CABLE INC.

Extension Cords

Vinyl

- UL Listed - Meets OSHA requirements for outdoor use
- Vinyl insulation resists oil, grease, moisture, abrasion and prolonged exposure to sunlight
- Heavy-duty molded-on plugs and connectors

Item #	Wire Ga/Cond	Length (ft.)	125V Rating
COL02408-88-04	14/3	50	15A
COL02409-88-04	14/3	100	13A

COLEMAN CABLE INC.

Portable Power Cable Box

X-Treme Box™

- Portable power distribution center rainproof NEMA 3R
- (6) 20A power outlets GFCI and circuit breaker protected Nema 5-20 straight blade receptacles with covers
- Made in the USA
- Complies with OSHA and NEC specifications
- 30A Power outlet: 250v L6-30R Twist-to Lock w/Cover
- 50A Power outlet/50A Power Inlet 125/250v Twist-to-Lock w/cover
- Overload, Over-Voltage & Open-Neutral Protection: 50A- None, 30A-Circuit Breaker Protected, 20A GFCI & Circuit Breaker Protected

Item #
COL01970-3R-02

COLEMAN CABLE INC.

Mini Portable Power Distribution Box

Mini X-Treme Box™

Features:

- Compact size for ease of use
- Reduces electrical hookup and labor time
- 8 overload, circuit breaker protected 20 amp straight blade outlets
- May be used in vertical or horizontal positions

Applications:

- Provide economical, durable temporary jobsite power

Industry Approvals:

- Complies with OSHA and NEC specifications
- ETL listed

Item #
COL01980

COLEMAN CABLE INC.

Power Distribution Extension Cords

- Temporary power cords are manufactured using rugged 600-volt Type SEOW cable and provide a superior alternative to ordinary SO cords
- Type SEOW constructions provide greater abrasion/wear resistance for longer cord life and its lightweight will make job site transportation easier
- These cords are designed for use with temporary power distribution centers with input current of 50 amps, 125/250 volt AC, 3-pole, and 4 wire

Item #	Length (ft.)	End Type
COL01918-00-08	50	Hubbell
COL01919-00-08	100	Hubbell

CCI

COLEMAN CABLE INC.

Cord Adapters

Twist-to-Lock U-Ground

- Standard 15P U-Ground receptacle (NEMA 5-15P)
- Twist-To-Lock 20A Plug (NEMA L5-20R)

Item #	Wire Ga/Cond	Length (in.)
COL09020-88-02	12/3	9

COLEMAN CABLE INC.

Cord Adapters

Twist-to-Lock U-Ground

- Twist-To-Lock 20A Plug (NEMA L5-20P)
- Standard 15A U-Ground receptacle (NEMA 5-15R)

Item #	Wire Ga/Cond	Length (in.)
COL09021-88-02	12/3	9

COLEMAN CABLE INC.

Extension Cord "Y" Adapters

Twist-to-Lock

- Yellow, STW Wire type

Item #	Wire Ga/Cond	Length (in.)	125V Rating
COL09022-88-02	12/3	20	20A

COLEMAN CABLE INC.

Extension Cord Adapter

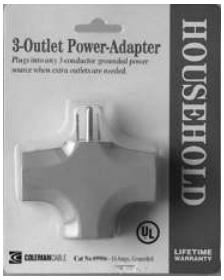
"W" Adapter

- 12/3 STW 125V/15A Outdoor use straight-blade "W"-adapter cord set
- UL Listed

Item #	Wire Ga/Cond	Length (ft.)	125V Rating
COL09019-88-02	12/3	2	15A

COLEMAN CABLE INC.

Outlet Adapters



- Convert single outlet into three grounded outlets
- Orange color

Item #
COL09906-88-03

COLEMAN CABLE INC.

GFCI Cord

Right Angle

- Complies with OSHA requirements for personnel protection in temporary wiring installations
- Attachment plug configuration: Right-angle plug-in GFCI, NEMA 5-15P
- Cord connector configuration: NEMA 5-15R
- Operating environment: Rain proof plug-in GFCI, outdoor rated cord set
- Max operating wattage: 1800 W

Item #	Wire Ga/Cond	Length (ft.)
COL02834-88-02	12/3	2

COLEMAN CABLE INC.

GFCI Adaptor

Plug-In w/Surge Protection

- Made with thermoplastic protective housing
- Convert your extension cords, tools and equipment to add GFCI protection
- Provide personal protection from ground faults and open neutral conditions anywhere electrical equipment is used
- UL Listed/Meets OSHA specifications

Item #
COL02800-00-01

COLEMAN CABLE INC.

GFCI Cord

Quad Box

- Quad boxes have high impact resin with a slant-roof design to prevent water entry; receptacles can accommodate large plugs
- Provide personal protection from ground faults and open neutral conditions anywhere electrical equipment is used
- Protection for the job site, plant floor or workshop
- UL Listed/Meets OSHA specifications

Item #	Wire Ga/ Cond	Length (ft.)	120V Rating	Relay Capacity
COL02816-88-02	12/3	6	15A	25A

Marinco ELECTRICAL GROUP

MARINCO LLC

Temporary Power Plug

- 50 Amp Nylon Device
- 3 Pole/4 Wire, 125/250 Volt

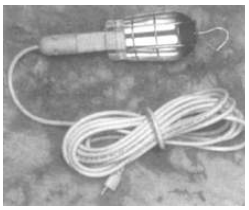
Item #	Desc.
MARCS6364N	Female Connector
MARCS6365N	Male Plug

Woodhead molex

WOODHEAD

Hand Lamps

Safeway® Drop-Lite®



- Molded nylon handle with switch and side outlet
- Heavy plated steel guard
- 16/3 SJTOW cord
- Molded NEMA 5-15 plug
- UL listed
- Max. Bulb Size: 100 W
- Side Outlet: 120 V

Item #	Length (ft.)
DW402	25
DW405	50

WOODHEAD

Plugs

Super-Safeway®

- For rigorous, abrasive industrial applications
- Durable rubber housing resists heat, oil impact and chemicals
- Self-centering cord clamp provides superior strain relief

Item #	Wiring Configuration	NEMA Configuration	Rating
DW1433	2 Pole/3 Wire	5-20	20 A/125 V
DW1447	2 Pole/3 Wire	5-15	15 A/125 V
DW1448	2 Pole/3 Wire	6-20	20 A/250 V
DW1449	2 Pole/3 Wire	6-15	15 A/250 V
DW2407	3 Pole/3 Wire	Non-NEMA Locking	15 A/125 V/10 A/250 V
DW2447	2 Pole/3 Wire	L5-15	15 A/125 V
DW2608	3 Pole/3 Wire	Non-NEMA Locking	20 A/125 V/250 V
DW2647	2 Pole/3 Wire	L5-20	20 A/125 V
DW2648	2 Pole/3 Wire	L6-20	20 A/250 V
DW2809	4 Pole/4 Wire	Non-NEMA Locking	30 A/120 V/208 V
DW2847	2 Pole/3 Wire	L5-30	30 A/125 V
DW2848	2 Pole/3 Wire	L6-30	30 A/250 V
DW5166	2 Pole/2 Wire	1-15	15 A/125 V
DW5266	2 Pole/2 Wire	1-15	15 A/125 V

WOODHEAD

Multiple Outlet Box

- Made of durable rubber to withstand impact of drops, bumps
- Two duplex receptacle, 3-3/8" depth
- NEMA configuration 5-15

Item #
DW3000-1

WOODHEAD

Connectors

Super-Safeway®

- For rigorous, abrasive industrial applications
- Durable rubber housing resists heat, oil impart and chemicals
- Self-centering cord clamp provides superior strain relief

Item #	Wiring Config.	NEMA Config.	Rating
DW1533	2 Pole/3 Wire	5-20	20 A/125 V
DW1547	2 Pole/3 Wire	5-15	15 A/125 V
DW1548	2 Pole/3 Wire	6-20	20 A/250 V
DW1549	2 Pole/3 Wire	6-15	15 A/250 V
DW2507	3 Pole/3 Wire	Non-NEMA Locking	15 A/125 V/10 A/250 V
DW2547	2 Pole/3 Wire	L5-15	15 A/125 V
DW2708	3 Pole/3 Wire	Non-NEMA Locking	20 A/125 V/250 V
DW2709	4 Pole/4 Wire	Non-NEMA Locking	20 A/120 V
DW2747	2 Pole/3 Wire	L5-20	20 A/125 V
DW2748	2 Pole/3 Wire	L6-20	20 A/250 V
DW2909	4 Pole/4 Wire	Non-NEMA Locking	30 A/120 V/208 V
DW2947	2 Pole/3 Wire	L5-30	30 A/125 V
DW2948	2 Pole/3 Wire	L6-30	30 A/250 V
DW5169	2 Pole/2 Wire	1-15	15 A/125 V
DW5269	2 Pole/3 Wire	5-15	15 A/125 V

WOODHEAD

Industrial-Duty Adapters

Safeway®

- Nylon Adapter
- CSA approval LR6837

Item #	Receptacle (Female End)	Plug (Male End)	Limited Use Applications
DW1730	20A/125V Nema 5-20	20A/250V Non-Nema	For use only with receptacles wired for 125V single-phase grounding service
DW1732	20A/250V Non-Nema	15A/125V Nema 5-15	For use only with receptacles wired for 15A/125V single-phase grounding service

WOODHEAD

Lampholder Socket

Watertite®

- Rubber cover construction with water-resistant lip that molds around bulb
- Ceramic base interior with full-thread copper screw shell, medium base
- #14 gauge wire leads
- 600 Volt, 300 Watt, maximum 15A

Item #
DW606

Woodhead molex

WOODHEAD

Pendant Control

Watertite®

- Switches are single speed, double throw, momentary contact type
- Nylon enclosure and coverplate with rubber pushbutton diaphragm that provides water tight integrity

Item #	Cord Diameter Range (in.)
DW4052	0.312 - 0.625

WOODHEAD

Cord Reel

- Steel rod frame and handle with wide base
- Heavy gauge steel flanges
- Large rewinding knob
- Four receptacles, rated 15A-125V
- Receptacle NEMA configuration 5-15
- Stores up to 150 ft. of 12/3 or 200 ft. of 14/3 50W cord

Item #
DW910

RAYOVAC

RAYOVAC

Headlight

- 80 Lumens (target)
- Adjustable Spot to Flood Beam
- Multi-Use: Headlight, Magnet, Hat Clip, Helmet
- Includes 2 headstraps: Cloth & rubber
- Water Resistant
- 3AAA Batteries Included

Item #
RYRNHL3AAA-B

RAYOVAC

Flashlight

- 3 Modes: Low, High, & Strobe
- 200 Lumens (high) 70 Lumens (low)
- Spot to Flood
- Beam Distance: 130 meters (415')
- 3AAA Alkaline Batteries Included
- Aluminum Body
- Water Resistant
- Holster Included

Item #
RYRNT3AAA-B

Buy Or Rent

Cords, Power Distribution Boxes, Lights, . . .

Ask about Custom Cords

- Loss Prevention: With name imprint and/or company colors
- Hi-visibility colors for safety: Reduce severing and tripping
- Manufactured in the USA: Faster turnaround

Let Edge help with solutions for Temporary Lighting

- Extension Cords to Light Strings
- Portable Lights to Light Towers
- Temp boxes and cords to Distribution Panels

See other chapters for our Generators

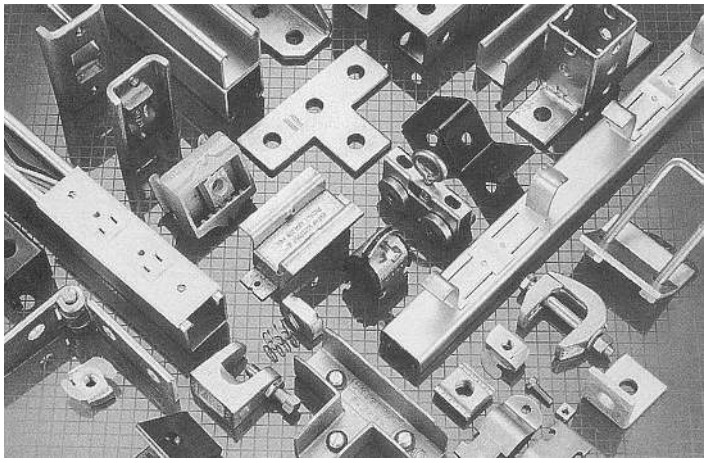
Unistrut General Notes

Standard Material

- Channel – cold formed steel
- Fittings – hot rolled steel

Finishes Available

- Electro-galvanized (EG) for fittings
- Pre-galvanized (PG) for channel
- Hot-dip galvanized (HG)
- Perma-Green III (GR)
- Plain (PL)
- Ask about custom powder-coating



Special materials available

- 304 stainless (SS)
- 316 stainless (ST)
- Aluminum
- Fiberglass

General:

- US Made – All Unistrut products are manufactured domestically - ask for details to meet your specific requirements
- Certificates of Conformance available upon request
- Not all products are shown in this catalog – ask for a more detailed Unistrut catalog to see a full listing of products
- Load data – inquire about detailed loading information or a Unistrut catalog
- LEED points – ask how you can obtain LEED points for this product
- Bolt torques – inquire about recommended bolt torque
- Seismic – ask for assistance with products to meet your seismic restraint needs
- Design assistance & material take-offs – see our Engineered Systems section for more details – call for assistance with design and material take-offs

Unistrut Channel Options:

- Standard channel lengths are 10’ and 20’. If you require longer lengths, call Edge for more information.
- Curved channel – call for more information
- Cutting & assembly – call Edge for more information and a quote
- Gauge – most channel is 12ga – ask about other gauges
- Holes/slots – most channel is either solid or “T” slotted – ask about other hole and slot configurations (refer to chart) – holes and slots generally reduce load capacity by 5% to 30%

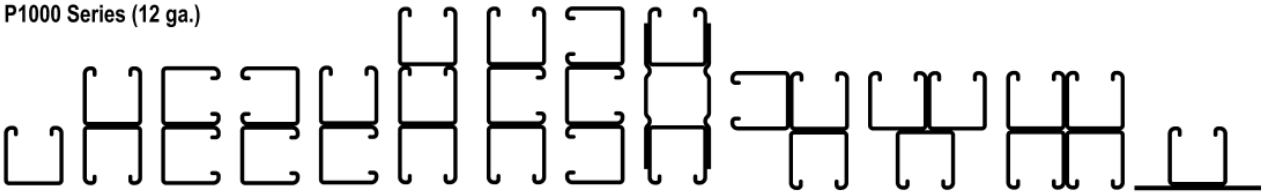
Standard Dimensions for 1-5/8”(41mm) width series channel fittings (unless otherwise shown or noted)

- Hole Diameter: 9/16” (14mm)
- Hole Spacing – From End: 13/16” (21mm)
- Hole Spacing – On Center: 1-7/8” (48mm)
- Width: 1-5/8” (41mm)
- Thickness: 1/4” (6mm)

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

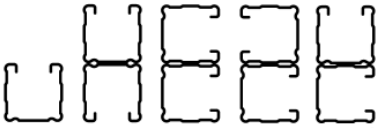
Complete List of Available Unistrut Channel Combinations and Sizes
(Call for more details)

P1000 Series (12 ga.)



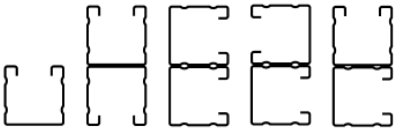
P1000 | P1001, P1001T | P1001A | P1001B | P1001C | P1001 3 | P1001 A3 | P1001 B3 | P1004A | P1001 C3 | P1001 D3 | P1001 C41 | P1003

P1100 Series (14 ga.)



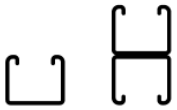
P1100 | P1101 | P1101A | P1101B | P1101C

P2000 Series (16 ga.)



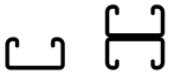
P2000 | P2001 | P2001A | P2001B | P2001C

P3000 Series (12 ga.)



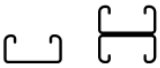
P3000 | P3001

P3300 Series (12 ga.)



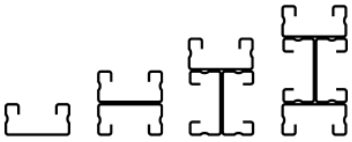
P3300 | P3301

P4100 Series (14 ga.)



P4100 | P4101

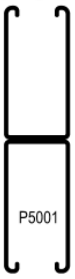
P4000 Series (16 ga.)



P4000 | P4001 | P4003 | P4004

P5000 Series (12 ga.)

P5000

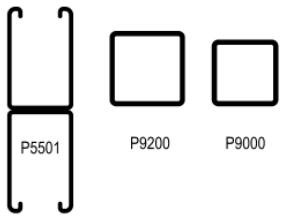


P5001

P5500 Series (12 ga.)

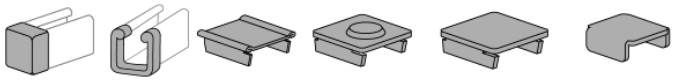
P5500

P9000 Series (12 ga.) Telestrut Channel



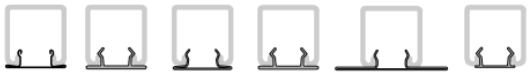
P5501 | P9200 | P9000

End Caps and Frame Caps



P2860 Series | P2859 | P1280 | P1280 A, P2280 A | P1180, P2280 P4280, P5280, P5580 | P2407 P3280, P3380

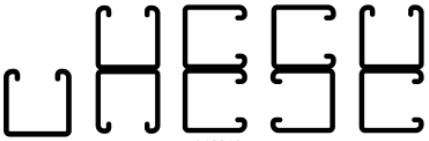
1⅝" Channel Closure Strips



P1184 | P1184P | P3184 | P3184P | P3184F | P3712P

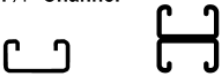
Alternate Framing Systems

A1000 Series (14 gauge) – 1¼" Channel



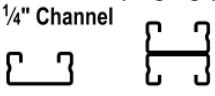
A1000 | A1001 | A1001A | A1001B | A1001C

A3300 Series (14 gauge) 1¼" Channel



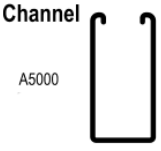
A3300 | A3301

A4000 Series (19 gauge) 1¼" Channel



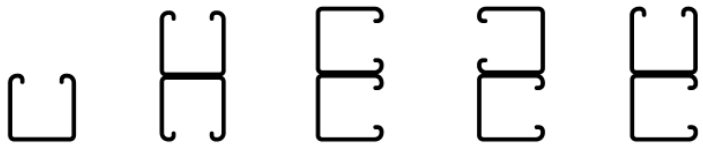
A4000 | A4001

A5000 Series (14 gauge) 1¼" Channel



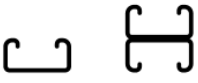
A5000

P6000 Series (19 gauge) – 13/16" Channel



P6000 | P6001 | P6001A | P6001B | P6001C

P7000 Series (19 gauge) 13/16" Channel



P7000 | P7001

Channel Selection Chart

Channel	Channel Dimensions		Material & Thickness			Hole Pattern Styles					
	Width	Height	Steel	Stainless Steel	Alum.	HS	T	KO	SL	DS	H3
Channel	In *(mm)*	In *(mm)*	gauge	gauge	In *(mm)*			Steel Only			
P1000	1⅝ *(41)*	1⅝ *(41)*	12 ga	12 ga	0.109 *(2.8)*	■	■	■	■	■	■
P1100	1⅝ *(41)*	1⅝ *(41)*	14 ga	14 ga	—	■	■	■	■	–	–
P2000	1⅝ *(41)*	1⅝ *(41)*	16 ga	—	—	■	■	■	■	–	–
P3000	1⅝ *(41)*	1⅜ *(35)*	12 ga	—	—	■	■	■	■	–	–
P3300	1⅝ *(41)*	⅞ *(22)*	12 ga	12 ga	—	■	■	–	■	–	–
P4000	1⅝ *(41)*	13/16 *(21)*	16 ga	16 ga	0.078 *(2.0)*	■	■	–	■	–	–
P4100	1⅝ *(41)*	13/16 *(21)*	14 ga	—	—	■	■	–	■	–	–
P5000	1⅝ *(41)*	3¼ *(83)*	12 ga	12 ga	—	■	■	■	■	–	–
P5500	1⅝ *(41)*	2 7/16 *(62)*	12 ga	—	0.109 *(2.8)*	■	■	■	■	–	–

Channels & Combinations in Descending Order of Strength

Channel	Area In² *(cm²)*	Weight lbs/ft *(kg/m)*	I In⁴ *(cm⁴)*	s In³*(cm³)*	Allow. Moment In-lbs *(N•m)*
P5001	1.793	6.10	6.227	1.916	48,180
	11.57	*9.1*	*259.2*	*31.4*	*5,440*
P1004A	1.965	6.68	4.068	1.669	41,980
	12.68	*9.9*	*169.3*	*27.4*	*4,740*
P5501	1.452	4.94	2.805	1.151	28,940
	9.37	*7.3*	*116.8*	*18.9*	*3,270*
P1001C41	2.221	7.55	1.856	1.142	28,720
	14.33	*11.2*	*77.2*	*18.7*	*3,250*
P5000	0.897	3.05	1.098	0.627	15,770
	5.78	*4.5*	*45.7*	*10.3*	*1,780*
P1001	1.111	3.78	0.928	0.571	14,360
	7.16	*5.6*	*38.6*	*9.4*	*1,620*
P1101	0.835	2.84	0.733	0.451	11,340
	5.39	*4.2*	*30.5*	*7.4*	*1,280*
P3001	1.000	3.40	0.591	0.430	10,810
	6.45	*5.1*	*24.6*	*7.0*	*1,220*
P5500	0.726	2.47	0.522	0.390	9,820
	4.68	*3.7*	*21.7*	*6.4*	*1,110*
P2001	0.684	2.32	0.618	0.381	9,570
	4.41	*3.5*	*25.7*	*6.2*	*1,080*
P9200	0.489	2.23	0.279	0.297	7,480
	3.16	*3.3*	*11.6*	*4.9*	*850*
A5000	0.492	1.67	0.358	0.265	6,670
	3.17	*2.5*	*14.9*	*4.3*	*750*
A1001	0.609	2.07	0.302	0.242	6,070
	3.93	*3.1*	*12.6*	*4.0*	*690*
P9000	0.387	1.88	0.166	0.205	5,150
	2.50	*2.8*	*6.9*	*3.4*	*580*
P1000	0.555	1.89	0.185	0.202	5,070
	3.58	*2.8*	*7.7*	*3.3*	*570*
P3301	0.790	2.69	0.176	0.201	5,060
	5.10	*4.0*	*7.3*	*3.3*	*570*

Combinations not shown in catalog are available on special order. Call for more details.

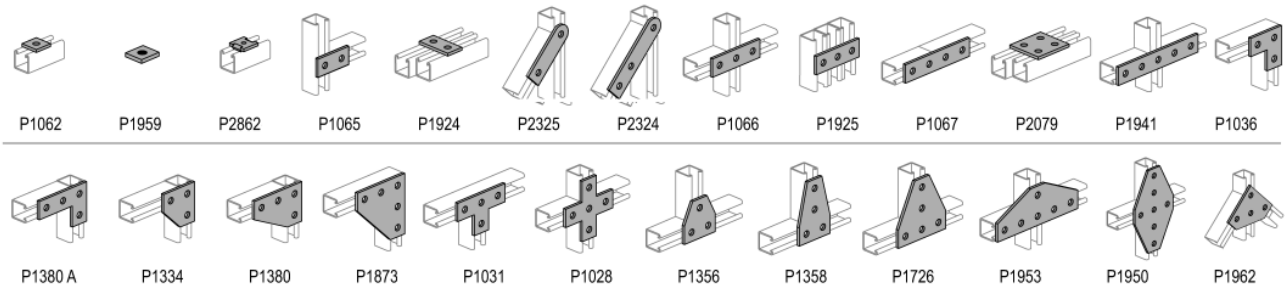
Channel	Area In² *(cm²)*	Weight lbs/ft *(kg/m)*	I In⁴ *(cm⁴)*	s In³*(cm³)*	Allow. Moment In-lbs *(N•m)*
P1100	0.418	1.42	0.145	0.162	4,060
	2.69	*2.1*	*6.0*	*2.6*	*460*
P3000	0.500	1.70	0.120	0.153	3,850
	3.23	*2.5*	*5.0*	*2.5*	*430*
P4101	0.579	1.97	0.117	0.143	3,610
	3.74	*2.9*	*4.9*	*2.4*	*410*
P2000	0.342	1.16	0.125	0.140	3,520
	2.21	*1.7*	*5.2*	*2.3*	*400*
P4001	0.478	1.66	0.104	0.128	3,210
	3.14	*2.5*	*4.3*	*2.1*	*360*
A3301	0.459	1.56	0.077	0.103	2,590
	2.96	*2.3*	*3.2*	*1.7*	*290*
A1000	0.305	1.04	0.061	0.086	2,170
	1.96	*1.5*	*2.5*	*1.4*	*250*
P3300	0.395	1.34	0.037	0.072	1,800
	2.55	*2.0*	*1.5*	*1.2*	*200*
A4001	0.264	0.90	0.037	0.058	1,470
	1.70	*1.3*	*1.5*	*1.0*	*170*
P6001	0.213	0.73	0.045	0.055	1,400
	1.38	*1.1*	*1.9*	*0.9*	*160*
P4100	0.290	0.98	0.026	0.054	1,360
	1.87	*1.5*	*1.1*	*0.9*	*150*
P4000	0.244	0.83	0.023	0.049	1,230
	1.57	*1.2*	*0.9*	*0.8*	*140*
A3300	0.230	0.78	0.017	0.038	950
	1.48	*1.2*	*0.7*	*0.6*	*110*
A4000	0.132	0.45	0.008	0.022	560
	0.85	*0.7*	*0.3*	*0.4*	*60*
P6000	0.107	0.36	0.009	0.020	510
	0.69	*0.5*	*0.4*	*0.3*	*60*
P7001	0.148	0.50	0.007	0.018	460
	0.96	*0.8*	*0.3*	*0.3*	*50*
P7000	0.074	0.25	0.002	0.007	170
	0.48	*0.4*	*0.1*	*0.1*	*20*

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

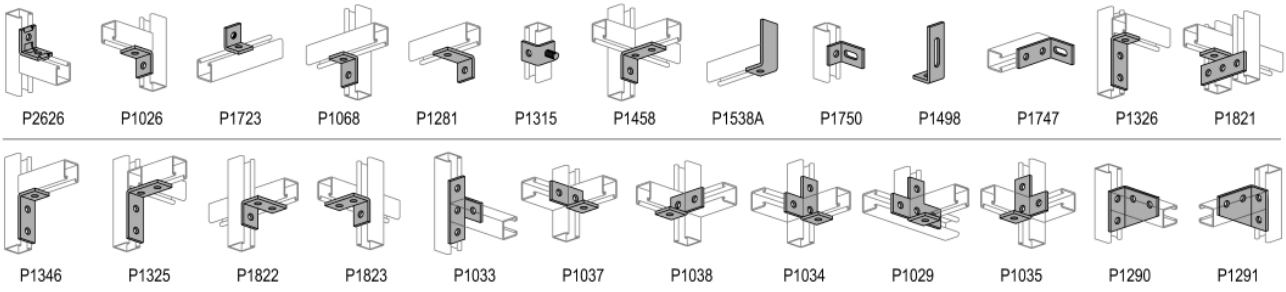
Strut, Hangers, & Fittings

Complete List of Unistrut Fittings Available
(Call for more details)

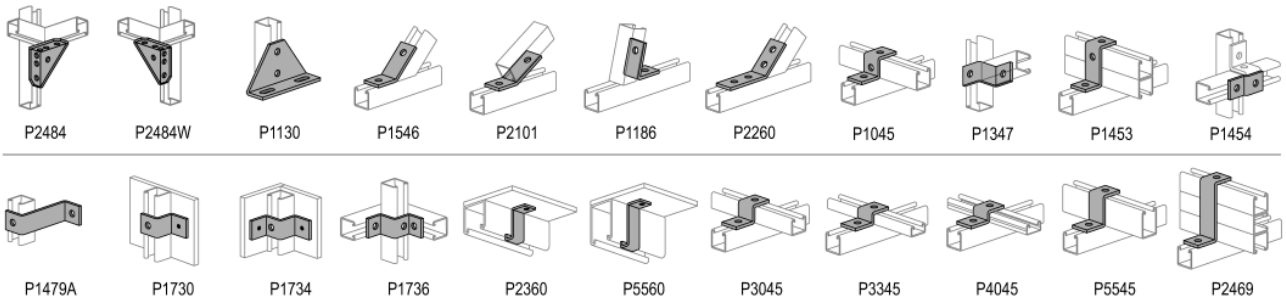
Flat Plate Fittings



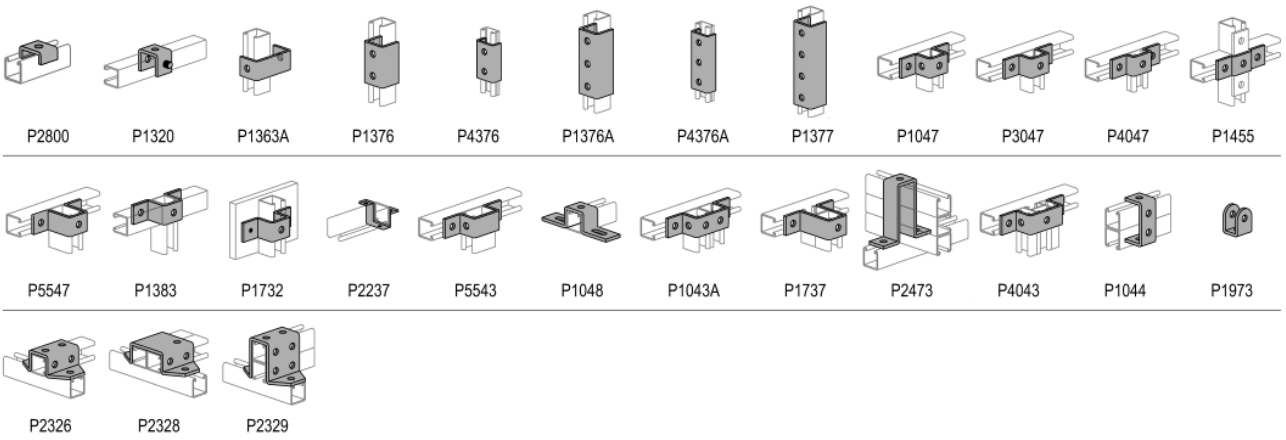
Angle Fittings



"Z" Shape Fittings

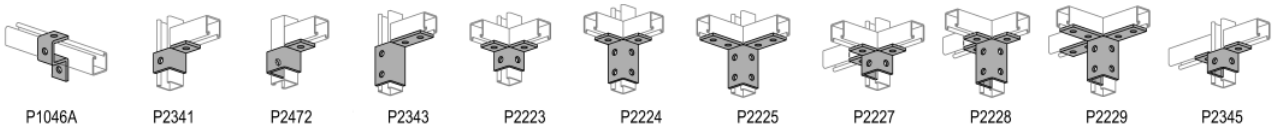


"U" Shape Fittings



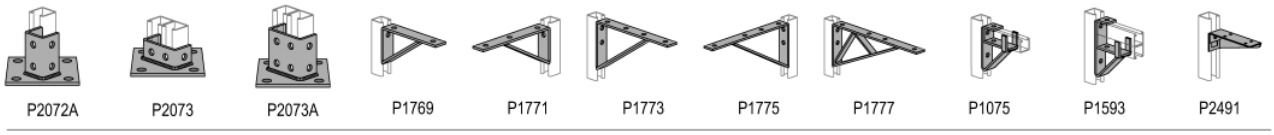
Complete List of Unistrut Fittings Available (continued)
(Call for more details)

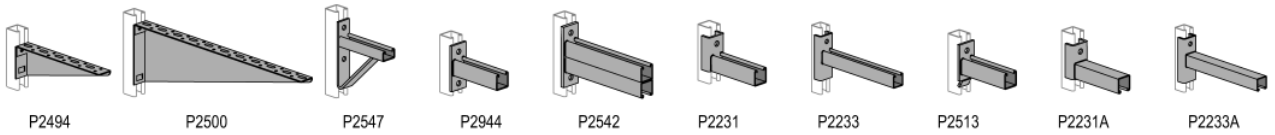
Wing Shape Fittings



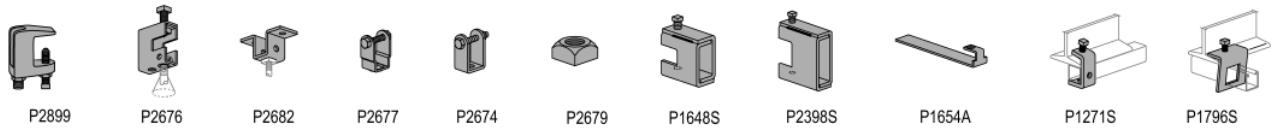
Post Bases

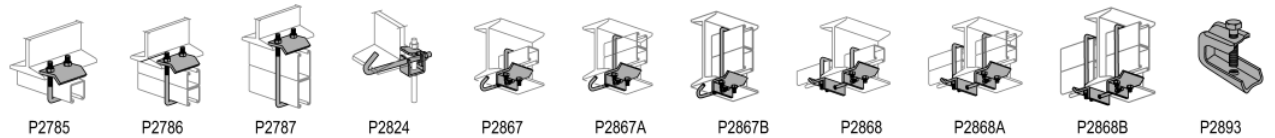
Brackets and Brace Fittings

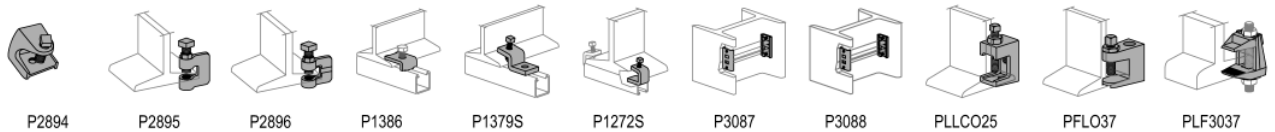




Beam Clamps

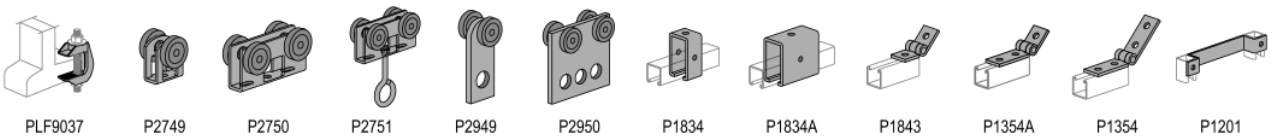




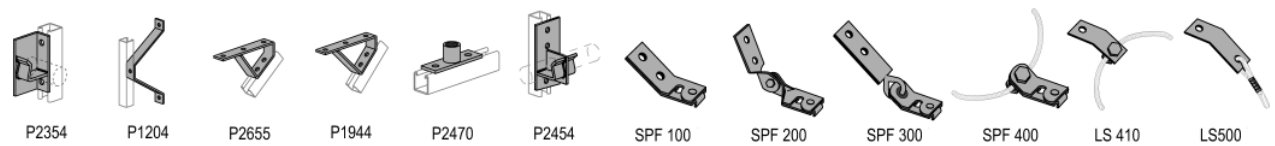


Trolley Assemblies

Special Applications Fittings



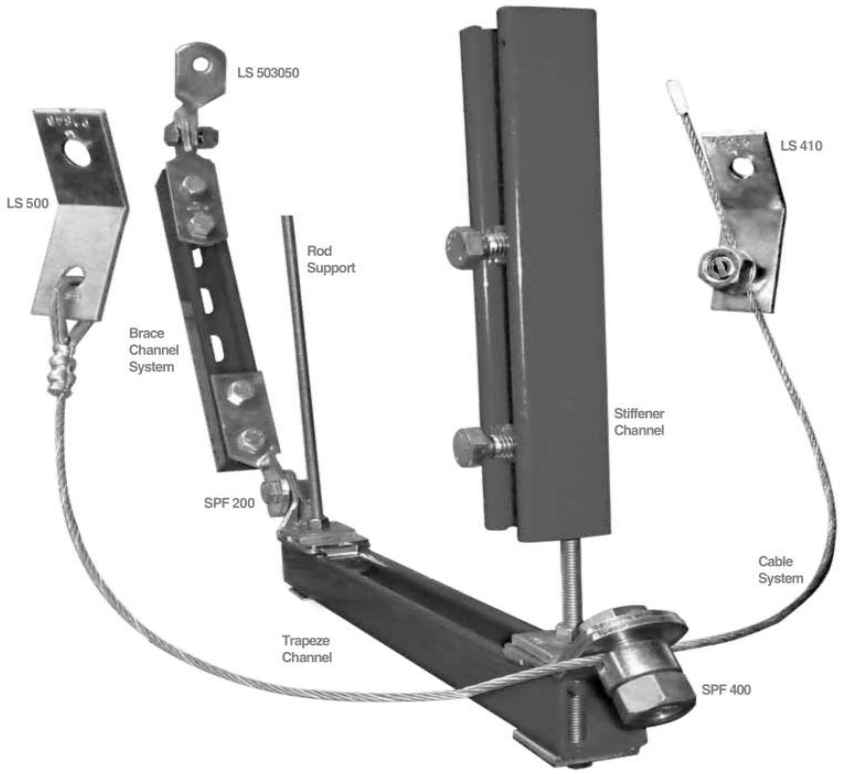
Seismic Retrofit Fittings



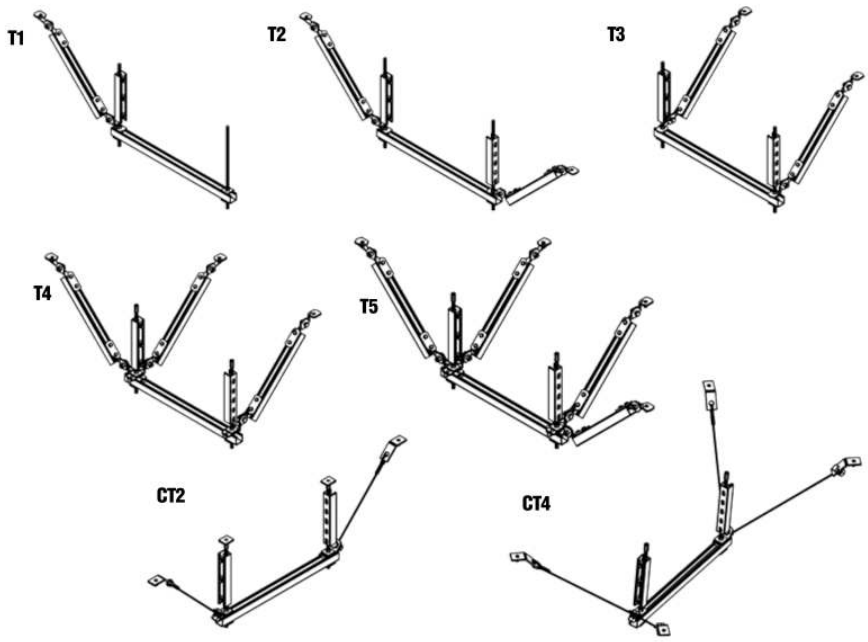
Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

UNISTRUT SEISMIC BRACING SYSTEMS

UNISTRUT Bracing Systems are designed for the resisting of load requirements therefore keeping non-structural components intact and operational. Each Authority having Jurisdiction (AHJ) will address the requirements through their design professional using the Building Code and standards covering the type of structure and location. The pictures below show some of the standard configurations of bracing and the components that can make up the support. Remember your system if planned ahead can use non-retrofit fittings, but if you are adding your bracing to an existing system retrofit fittings are available (look for the SPF fittings.) The sizing of the anchor, rod and channel members all must be confirmed to qualify the support. Typical systems support: piping, conduit, cable tray, ducts and equipment.



The State with one of the highest standards of Seismic Bracing requirements is California. The agency controlling systems used in “Essential Facilities”, in California is the Office of Statewide Health and Planning” (OSHPD.) They review and approve bracing systems and allow the manufactures to publish an approved OPA (OSHPD Pre-Approved) document which takes you through the design process. UNISTRUT has an OPA-0120 for use in designs through the CBC2007 code. This document is available by going to www.unistrutseismic.com. A newer submittal for the CBC2010 code is in Sacramento awaiting review and approval. This newer document is not yet published but pages can be supplied upon request.



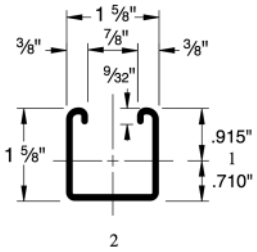
UNISTRUT

UNISTRUT

1-5/8" Channel

P1000 Single Solid

- Gauge: 12 (.105")
- Allowable Moment: 5,070 in-lbs
- Wt./100': 189 lbs
- Call to specify material, finish and length



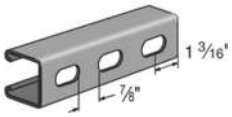
Item #

UTP1000

UNISTRUT

1-5/8" Channel

P1000T Single Slotted



- Gauge: 12 (.105")
- Allowable Moment: 5,070 in-lbs
- Wt./100': 185 lbs
- Call to specify material, finish and length

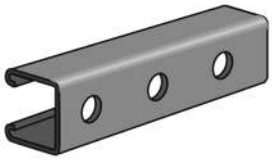
Item #

UTP1000T

UNISTRUT

1-5/8" Channel

P1000HS Single 1/2 Slot



- Gauge: 12 (.105")
- Allowable Moment: 5,070 in-lbs
- Wt./100': 185 lbs
- Slot Size: 9/16" - 1-7/8" O.C.
- Call to specify material, finish and length

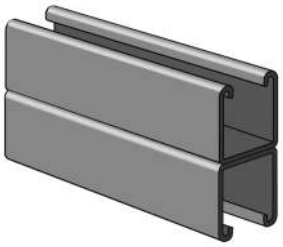
Item #

UTP1000HS

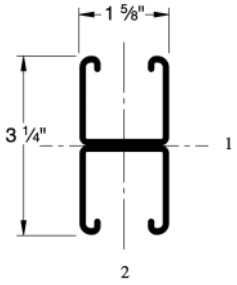
UNISTRUT

1-5/8" Channel

P1001 Back to Back Solid



- Gauge: 12 (.105")
- Allowable Moment: 14,360 in-lbs
- Wt./100': 378 lbs
- Call to specify material, finish and length



Item #

UTP1001

UNISTRUT

1-5/8" Channel

P1001T Back to Back Slotted

- Gauge: 12 (.105")
- Allowable Moment: 14,360 in-lbs
- Wt./100': 321 lbs
- Slot Size: 1-1/8" x 9/16" - 2" O.C.
- Call to specify material, finish and length

Item #

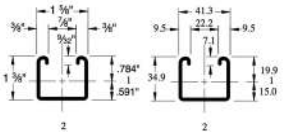
UTP1001T

UNISTRUT

1-5/8" Channel

P3000 Single Solid

- Gauge: 12 (.105")
- Allowable Moment: 3,870 in-lbs
- Wt./100': 170 lbs
- Call to specify material, finish and length



Item #

UTP3000

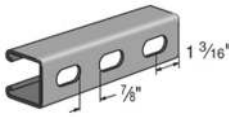
Edge cuts and assembles Unistrut.
Call for more information.

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

UNISTRUT

UNISTRUT
1-5/8” Channel

P3000T Single Slotted

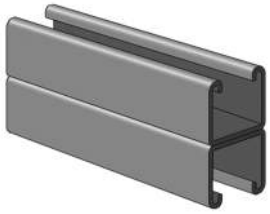


- Gauge: 12 (.105”)
- Allowable Moment: 3,870 in-lbs
- Wt./100’: 165 lbs
- Slot Size: 1-1/8” x 9/16” - 2” O.C.
- Call to specify material, finish and length

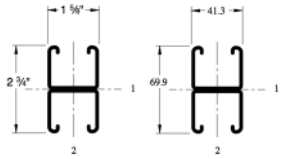
Item #
UTP3000T

UNISTRUT
1-5/8” Channel

P3001 Back to Back Solid



- Gauge: 12 (.105”)
- Allowable Moment:10,810 in-lbs
- Wt./100’: 340 lbs
- Call to specify material, finish and length

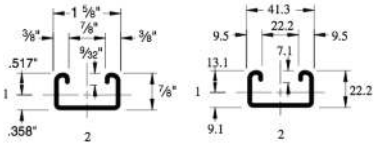


Item #
UTP3001

UNISTRUT
1-5/8” Channel

P3300 Single Solid

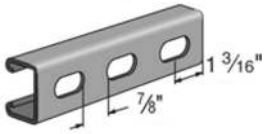
- Gauge: 12 (.105”)
- Allowable Moment: 1,800 in-lbs
- Wt./100’: 134 lbs
- Call to specify, material, finish and length



Item #
UTP3300

UNISTRUT
1-5/8” Channel

P3300T Single Slotted



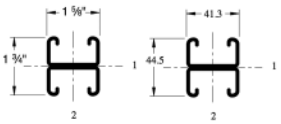
- Gauge: 12 (.105”)
- Allowable Moment: 1,800 in-lbs
- Wt./100’: 130 lbs
- Slot Size: 1-1/8” x 9/16” - 2” O.C.
- Call to specify, material, finish and length

Item #
UTP3300T

UNISTRUT
1-5/8” Channel

P3301 Back to Back Solid

- Gauge: 12 (.105”)
- Allowable Moment: 5060 in-lbs
- Wt./100’: 269 lbs
- Call to specify material, finish and length

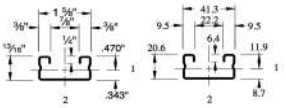


Item #	Finish
UTP3301	

UNISTRUT
1-5/8” Channel

P4000 Single Solid

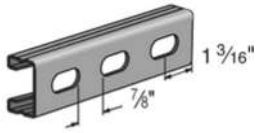
- Gauge: 16 (.060”)
- Allowable Moment: 1,230 in-lbs
- Wt./100’: 83 lbs
- Call to specify material, finish and length



Item #
UTP4000

UNISTRUT
1-5/8” Channel

P4000 T Single Slotted



- Gauge: 16 (.060”)
- Allowable Moment: 1,230 in-lbs
- Wt./100’: 79 lbs
- Slot Size: 1-1/8” x 9/16” - 2” O.C.
- Call to specify material, finish and length

Item #
UTP4000T

UNISTRUT

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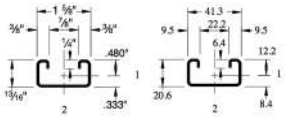
UNISTRUT

1-5/8" Channel

P4100 Single Solid

- Gauge: 14 (.075")
- Allowable Moment: 1,360 in-lbs
- Wt./100': 98 lbs
- Call to specify material, finish and length



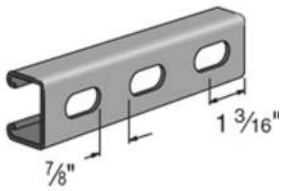
Item #

UTP4100

UNISTRUT

1-5/8" Channel

P4100T Single Slotted



- Gauge: 14 (.075")
- Allowable Moment: 1,360 in-lbs
- Wt./100': 87 lbs
- Slot Size: 1-1/8" x 9/16" - 2" O.C.
- Call to specify material, finish and length

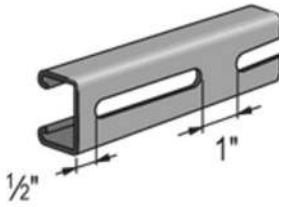
Item #

UTP4100T

UNISTRUT

1-5/8" Channel

P4100T Single Long Slot



- Gauge: 14 (.075")
- Allowable Moment: 1,360 in-lbs
- Wt./100': 87 lbs
- Slot Size: 3" x 13/32" - 4" O.C.
- Call to specify material, finish and length

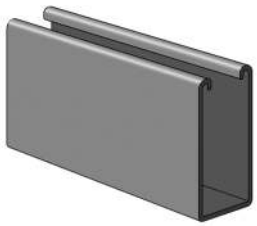
Item #

UTP4100SL

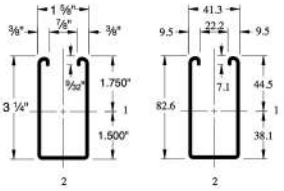
UNISTRUT

1-5/8" Channel

P5000 Single Solid



- Gauge: 12 (.105")
- Allowable Moment: 15,770 in-lbs
- Wt./100': 305 lbs
- Call to specify material, finish and length



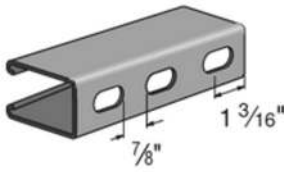
Item #

UTP5000

UNISTRUT

1-5/8" Channel

P5000T Single Slotted



- Gauge: 12 (.105")
- Allowable Moment: 15,770 in-lbs
- Wt./100': 300 lbs
- Slot Size: 1-1/8" x 9/16" - 2" O.C.
- Call to specify material, finish and length

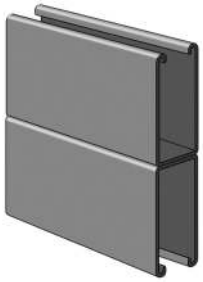
Item #

UTP5000T

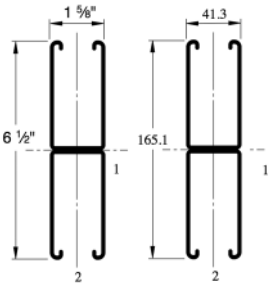
UNISTRUT

1-5/8" Channel

P5001 Back to Back Solid



- Gauge: 12 (.105")
- Allowable Moment: 48,180 in-lbs
- Wt./100': 610 lbs
- Call to specify material, finish and length



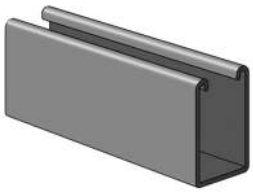
Item #

UTP5001

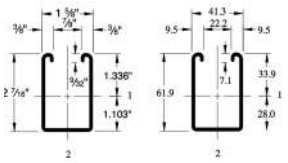
UNISTRUT

UNISTRUT
1-5/8" Channel

P5500 Single Solid



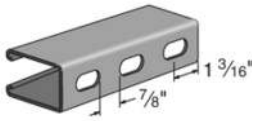
- Gauge: 12 (.105")
- Allowable Moment: 9,820 in-lbs
- Wt./100': 247 lbs
- Call to specify material, finish and length



Item #
UTP5500

UNISTRUT
1-5/8" Channel

P5500T Single Slotted



- Gauge: 12 (.105")
- Allowable Moment: 9,820 in-lbs
- Wt./100': 242 lbs
- Slot Size: 1-1/8" x 9/16" - 2" O.C.
- Call to specify material, finish and length

Item #
UTP5500T

UNISTRUT
1-5/8" Channel

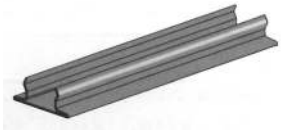
P5501 Back to Back Solid

- Gauge: 12 (.105")
- Allowable Moment: 28,940 in-lbs
- Wt./100': 494 lbs
- Call to specify material, finish and length

Item #
UTP5501

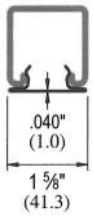
UNISTRUT
Closure Strip

P3184-Metal



- Standard length: 10'

Item #	Finish
UTP3184PG	Pre-Galv

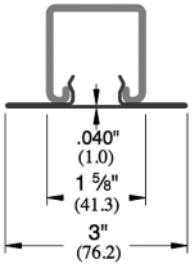


UNISTRUT
Closure Strip

P3184F-Metal

- Standard length: 16' (4.9m)

Item #	Finish
UTP3184FPG	Pre-Galv

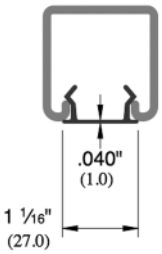


UNISTRUT
Closure Strip

P3712P-Plastic

- Color: Black.
- Note: Use with P3170, P3270, and P3370 series concrete insert.
- Standard length: 10' (3m)

Item #
UTP3712P

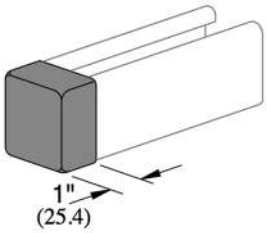


UNISTRUT
Plastic White End Cap

P2860-10

- Use with P1000, P1100, P2000 channels & P9000 Telestrut
- Material: Plastic

Item #
UTP2860-10VY



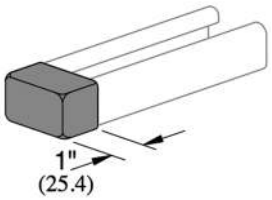
UNISTRUT

UNISTRUT

Plastic White End Cap

P2860-33

- Use with P3300 channel
- Material: Plastic



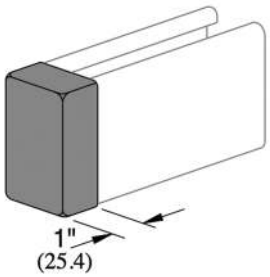
Item #
P2860-33VY

UNISTRUT

Plastic White End Cap

P2860-55

- Use with P5500 channel
- Material: Plastic

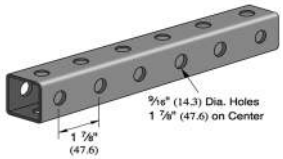


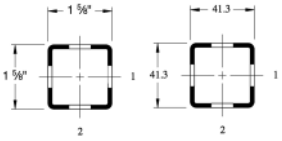
Item #
UTP2860-55VY

UNISTRUT

Telestrut Tubing

P9000 1-5/8”





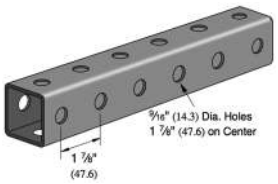
- Fits inside P9200
- Same outside dimensions as P1000
- 12 Gauge Nominal Thickness .105" (2.7mm)
- Allowable Moment (in-Lbs): 5,080
- Wt./100’: 188 lbs
- Ask about Telestrut post bases, fittings, and pins
- See also: Telespar product
- Call to Specify material, finish and length

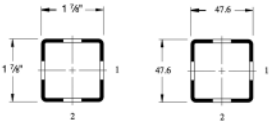
Item #
UTP9000

UNISTRUT

Telestrut Tubing

P9200 1-7/8”





- 12 Gauge Nominal Thickness .105" (2.7mm)
- P1000 and P9000 telescope inside
- Allowable Moment (in-Lbs): 14,390
- Wt./100’: 223 lbs
- Ask about Telestrut post bases, fittings, and pins
- See also: Telespar product
- Call to specify material, finish and length

Item #
UTP9200

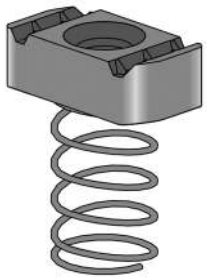
UNISTRUT

Channel Nut

P10XX With Spring

For use with Channel P1000, P1100, P2000, P3000

- Call to specify material and finish



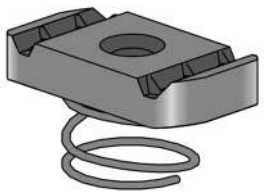
Item #	Nut Size Thread
UTP1006-1420	¼”-20
UTP1007	5/16”-18
UTP1008	⅜”-16
UTP1009	7/16”-14
UTP1010S	½”-13
UTP1012S	⅝” -11
UTP1023S	¾” -10
UTP1024S	⅞” -9

UNISTRUT

Channel Nuts

P40XX With Spring

- For Use with Channel P3300, P4000, P4100
- Call to specify material and finish



Item #	Nut Size
UTP4006-1420	¼” -20
UTP4008	⅜” -16
UTP4010	½” -13
UTP4012S	⅝”-11

UNISTRUT

UNISTRUT
Channel Nut

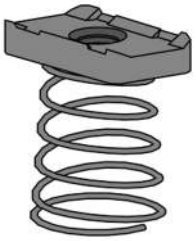
P5510 With Spring

- For Use with Channel P5500 only
- Call to specify material and finish

Item #	Nut Size
UTP5510	½" -13

UNISTRUT
Channel Nut

P6006 With Spring

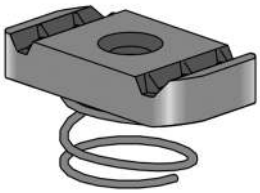


- For Use with Channel P5500 only
- Call to specify material and finish

Item #	Nut Size
UTP6006-0836	#8-36
UTP6006-0832	#8 -32
UTP6006-1032	#10-32
UTP6006-1024	#10-24
UTP6006-1420	¼"-20

UNISTRUT
Channel Nut

P7006 With Spring

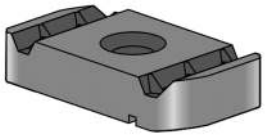


- Call to specify material and finish

Item #	Nut Size
UTP7006-1420	¼"-20

UNISTRUT
Channel Nut

P30XX Without Spring

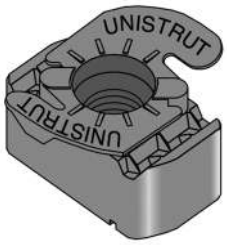


- For use with P1000, P1100, P2000, P3000, P3300, P4000, P4100, P5000, and P5500
- Call to specify material and finish

Item #	Nut Size
UTP3006-0832	#8-32
UTP3006-1024	#10-24
UTP3006-1420	¼"-20
UTP3007	5/16"-18
UTP3008	⅜" -16
UTP3009	7/16"-14
UTP3010	½" -13
UTP3013	½" -13

UNISTRUT
Channel Nut

P10XX Without Spring



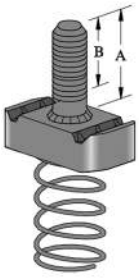
For use with Channel P1000, P1100, P2000, P3000, P5000, P5500

- Special plastic retaining feature
- Call to specify material and finish

Item #	Nut Size Thread
UTP1006T1420	¼" -20
UTP1008T	⅜" -16
UTP1010T	½" -13
UTP1012	⅝" -11
UTP1023	¾" -11

UNISTRUT
Channel Stud Nut

P2380 With Spring

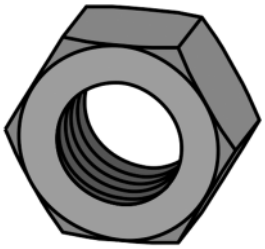


- Nut Size Thread: 3/8" -16
- A Stud Size: 1⅛"
- B Thread Size: 7/8"
- For Use With: P100, P1100, P2000, P3000
- All stud nut grooves are serrated
- Call to specify material and finish

Item #
UTP2380-2

UNISTRUT
Hardware

Hex Nut

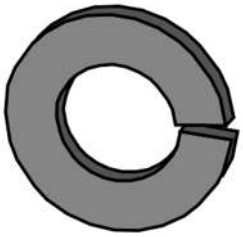


- Call to specify material and finish

Item #	Size
UTHHXN037	⅜"
UTHHXN050	½"

UNISTRUT
Hardware

Shakeproof Lock Washer



- Call to specify material and finish

Item #	Size
UTHLKW037	⅜"
UTHLKW050	½"

UNISTRUT

UNISTRUT

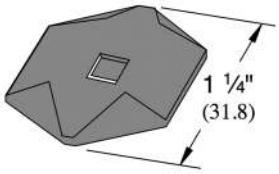
Seismic

Cradle Clip

- Call to specify material and finish

Item #

UTP2485



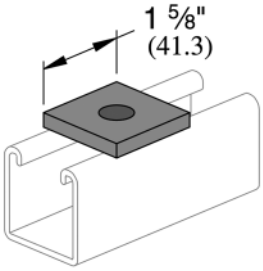
UNISTRUT

Flat Plate Fitting

1 Hole Square Washer

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #	Bolt Size	Hole Size
UTP1062	5/16"	11/32"
UTP1063	3/8"	7/16"
UTP1064	1/2"	9/16"
UTP1964	5/8"	11/16"
UTP2471	3/4"	15/16"



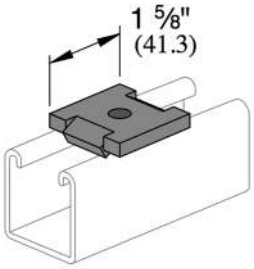
UNISTRUT

Flat Plate Fitting

1 Hole Washer Anti-Rotate

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #	Bolt Size	Hole Size
UTP2863	3/8"	7/16"
UTP2864	1/2"	1/2"



UNISTRUT

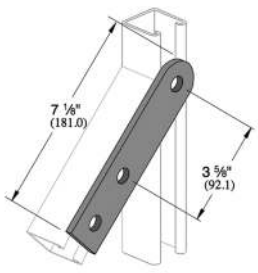
Flat Plate Fitting

P2324 3 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #

UTP2324



UNISTRUT

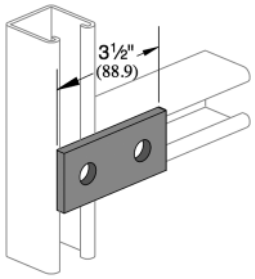
Flat Plate Fitting

P1065 2 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #

UTP1065



UNISTRUT

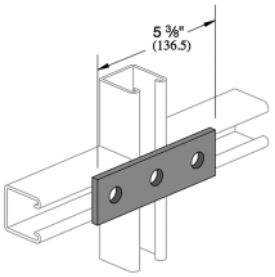
Flat Plate Fitting

P1066 3 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #

UTP1066



UNISTRUT

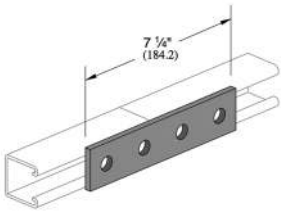
Flat Plate Fitting

P1067 4 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #

UTP1067



UNISTRUT

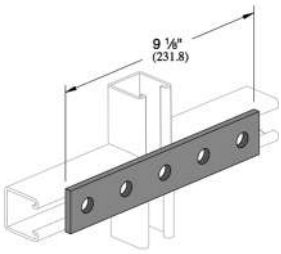
Flat Plate Fitting

P1941 5 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #

UTP1941



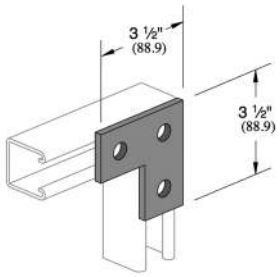
UNISTRUT

UNISTRUT
Flat Plate Fitting

P1036 3 Hole Corner

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1036

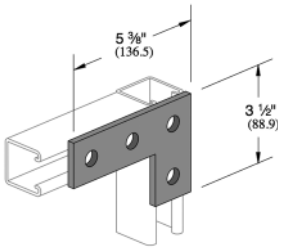


UNISTRUT
Flat Plate L Fitting

P1380A 4 Hole Corner

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1380A

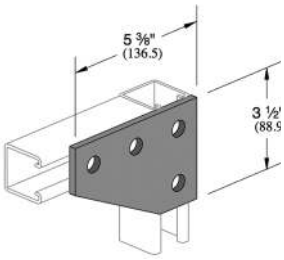


UNISTRUT
Flat Plate Fitting

P1380 4 Hole Corner Gusset

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1380

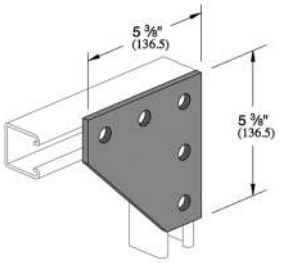


UNISTRUT
Flat Plate Fitting

P1873 5 Hole Corner Gusset

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1873

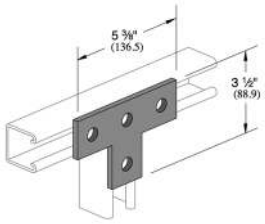


UNISTRUT
Flat Plate Fitting

P1031 4 Hole Tee

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1031

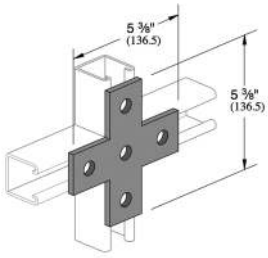


UNISTRUT
Flat Plate Fitting

P1028 5 Hole Cross

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1028

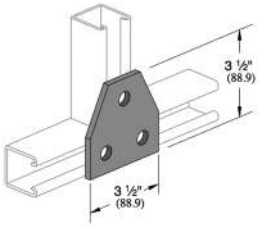


UNISTRUT
Flat Plate Fitting

P1356 3 Hole Gusset Tee

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #	Finish
UTP1356	

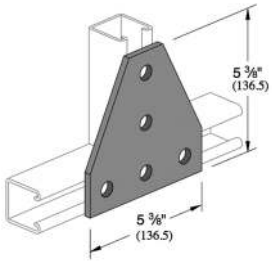


UNISTRUT
Flat Plate Fitting

P1726 5 Hole Gusset Tee

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1726



UNISTRUT

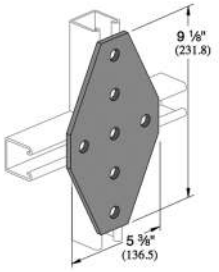
UNISTRUT

Flat Plate Fitting

P1950 7 Hole Gusset Cross

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1950



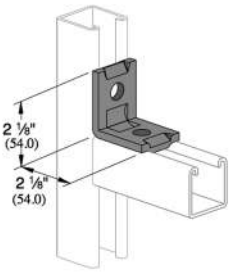
UNISTRUT

90° Angle Fitting

P2626 2 Hole Anti-Rotate

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP2626



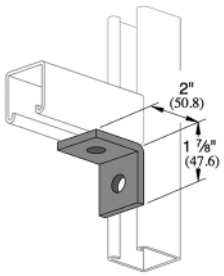
UNISTRUT

90° Angle Fitting

P1026 2 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1026



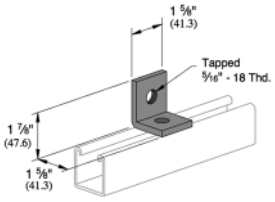
UNISTRUT

90° Angle Fitting

P1723 2 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1723



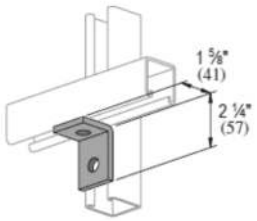
UNISTRUT

90° Angle Fitting

P1068 2 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1068



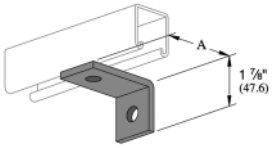
UNISTRUT

90° Angle Fitting

P1281 2 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #	A
UTP1281	3”



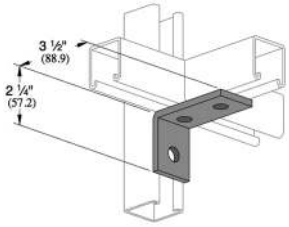
UNISTRUT

90° Angle Fitting

P1458 3 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1458



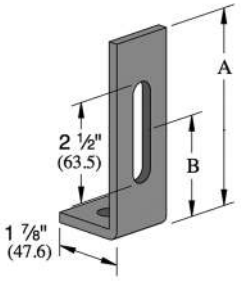
UNISTRUT

90° Angle Fitting

P1499 1 Hole & 1 Slot

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #	A	B
UTP1499	6⅞	4½



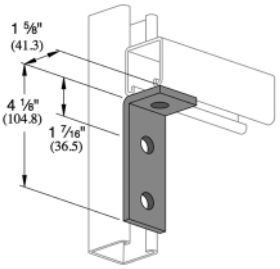
UNISTRUT

90° Angle Fitting

P1326 3 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1326



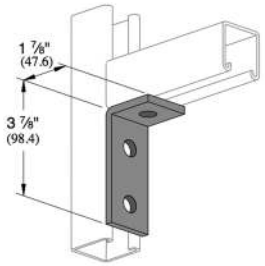
Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

UNISTRUT

UNISTRUT
90° Angle Fitting

P1346 3 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

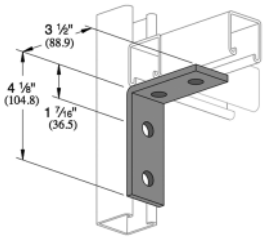


Item #
UTP1346

UNISTRUT
90° Angle Fitting

P1325 4 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

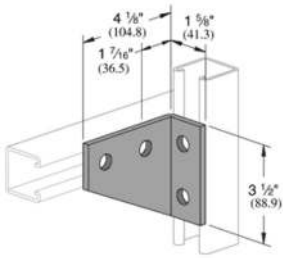


Item #
UTP1325

UNISTRUT
90° Angle Fitting

P1382 4 Hole Gusset

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

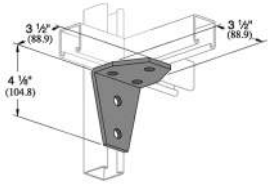


Item #
UTP1382

UNISTRUT
90° Angle Fitting

P2235 5 Hole Gusset

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

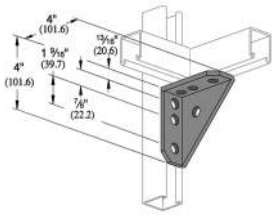


Item #
UTP2235

UNISTRUT
90° Fitting

P2484 7 Hole Gusset

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

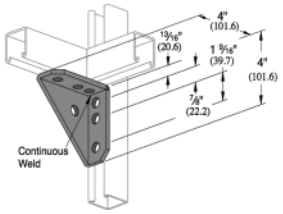


Item #
UTP2484

UNISTRUT
90° Fitting

P2484W 7 Hole Gusset

- Welded Corner
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

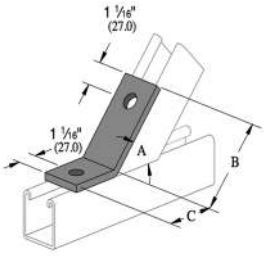


Item #
UTP2484W

UNISTRUT
Angle Fitting

2 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

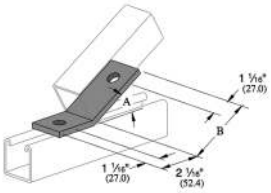


Item #	'A' Degree	'B' Size	'C' Size
UTP1546	45º	3"	2 5/16"
UTP2097	60º	3 3/8"	1 7/8"
UTP2098	52 1/2º	3 1/4"	2 1/16"
UTP2099	37 1/2º	2 11/16"	2 5/8"

UNISTRUT
Angle Fitting

2 Hole

- Ask about other angles
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #	A	B
UTP2101	30º	3 1/4"

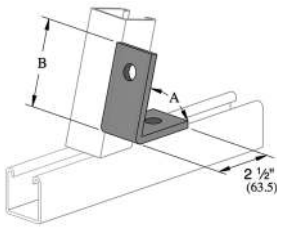
UNISTRUT

UNISTRUT

Angle Fitting

2 Hole

- Ask about other angles
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

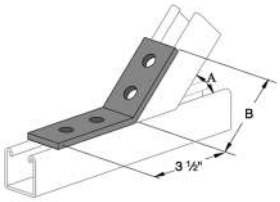
UTP1186

UNISTRUT

Angle Fittings

4 Hole

- Ask about other angles
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

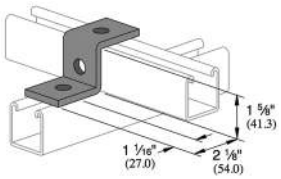
UTP2265

UNISTRUT

Z Shape Fitting

P1045

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

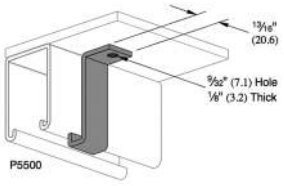
UTP1045

UNISTRUT

Z Shape Fitting

P5560

- For use with P5500
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

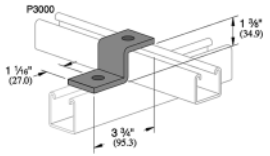
UTP5560

UNISTRUT

Z Shape Fitting

P3045 2 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

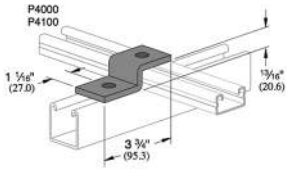
UTP3045

UNISTRUT

Z Shape Fitting

P4045 2 Hole

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

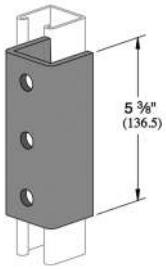
UTP4045

UNISTRUT

U Shape Fitting

P1376A 3 Hole Splice

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

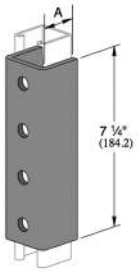
UTP1376A

UNISTRUT

U Shape Fitting

P1377 4 Hole Splice

- For use with P100, P1100, P2000
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

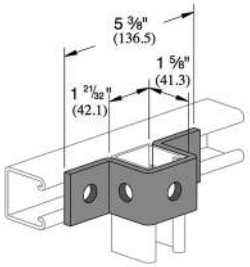
UTP1377

UNISTRUT

Hat Shape Fitting

P1047 5 Hole

- For use with P1000
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #

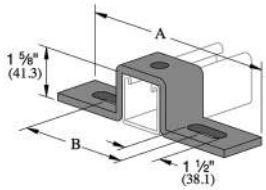
UTP1047

Strut, Hangers, & Fittings

UNISTRUT

UNISTRUT
Hat Shape Fitting
P1048 Slots

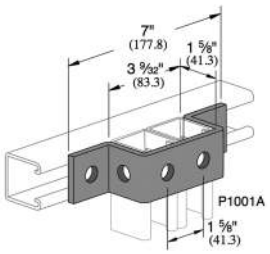
- For use with P1000
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and thickness



Item #
UTP1048

UNISTRUT
Hat Shape Fitting
P1043 6 Hole

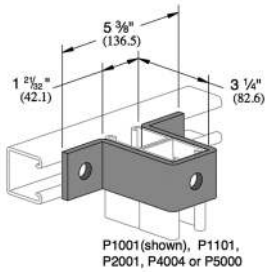
- For use with P1001
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #
UTP1043A

UNISTRUT
Hat Shape Fitting
P1737 3 Hole

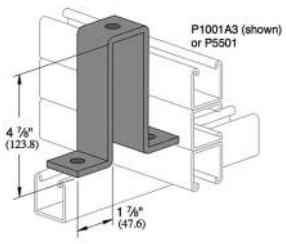
- For use with P1001
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #
UTP1737

UNISTRUT
Hat Shape Fitting
P2473 3 Hole

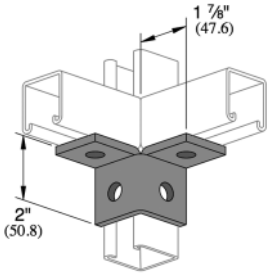
- For use with P5501
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #
UTP2473

UNISTRUT
Wing Shape Fitting
P2223 4 Hole

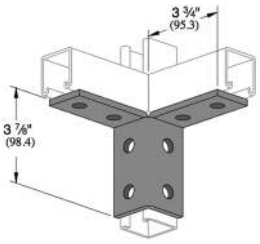
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #
UTP2223

UNISTRUT
Wing Shape Fitting
P2225 8 Hole

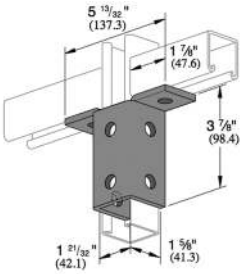
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #
UTP2225

UNISTRUT
Wing Shape Fitting
P 2346 8 Hole

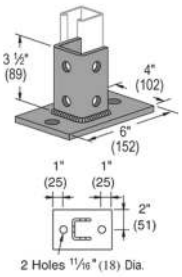
- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



Item #
UTP2346

UNISTRUT
Post Base
P2942

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



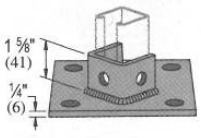
Item #
UTP2942

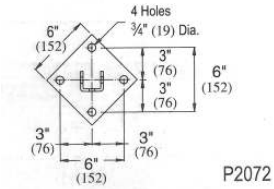
UNISTRUT

UNISTRUT
Post Base

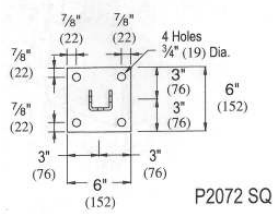
P2072XX

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish





P2072



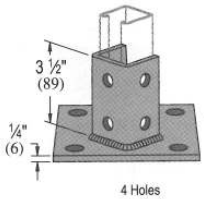
P2072 SQ

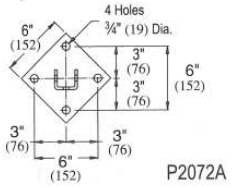
Item #
Angled Base
UTP2072
Square Base
UTP2072SQ

UNISTRUT
Poast Base

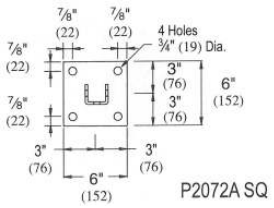
P2072AXX

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish





P2072A



P2072A SQ

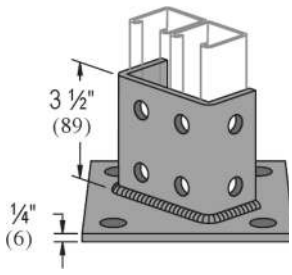
Item #
Angled Base
UTP2072A
Square Base
UTP2072ASQ

UNISTRUT
Post Base

P2073A & P2073ASQ

SQ indicates opening square

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

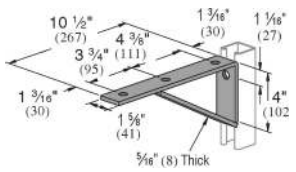


Item #
UTP2073A
Square Base
UTP2073ASQ

UNISTRUT
Brackets

P1771 Heavy Duty

- Material: 1/4" (6.4) Thick Steel
- Call to specify material and finish

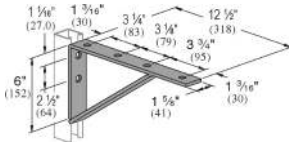


Item #
UTP1771

UNISTRUT
Brackets

P1773 Heavy Duty

- Material: 1/4" (6.4) Thick Steel
- Call to specify material and finish

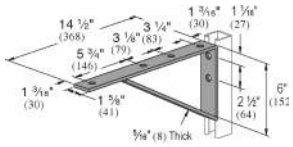


Item #
UTP1773

UNISTRUT
Brackets

P1775 Heavy Duty

- Material: 1/4" (6.4) Thick Steel
- Call to specify material and finish

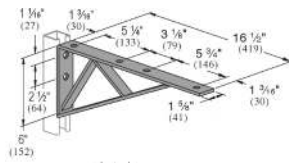


Item #
UTP1775

UNISTRUT
Brackets

P1777 Heavy Duty

- Material: 1/4" (6.4) Thick Steel
- Call to specify material and finish

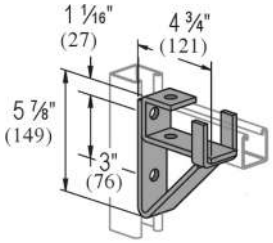


Item #
UTP1777

UNISTRUT
Brackets

P1075

- Use for P1000, P1100, P2000, P4001 Channels
- Safety Factor: 2-1/2"
- Material: 1/4" thick steel
- Allowable Moment for fitting only. Channel may determine overall capacity
- Call to specify material and finish



Item #
UTP1075

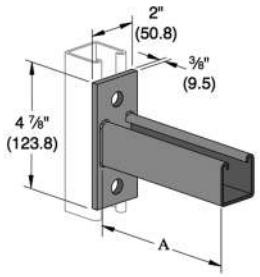
Strut, Hangers, & Fittings

UNISTRUT

Brackets

P294X Slot Up

- Safety Factor 2½”
- Mounted on 12 ga. channel
- Call to specify material, finish and length



Item #	‘A’ Size	Uniform Load (lbs.)
UTP2946	18”	400
UTP2947	24”	300

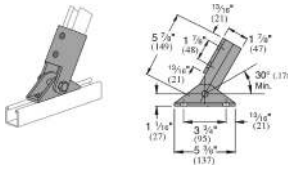
UNISTRUT

Brace fittings

P2815 Adjustable

- 30° Minimum adjustment
- Call to specify material and finish

Item #
UTP2815



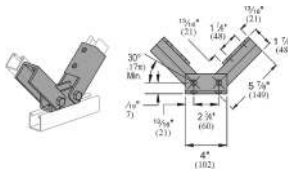
UNISTRUT

Brace Fittings

P2815D Adjustable

- 30° Minimum adjustment
- Call to specify material and finish

Item #
UTP2815D



UNISTRUT

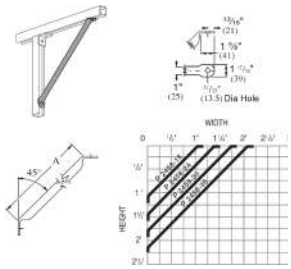
Brace Fittings

P2458-XX Knee Braces

Design Loads:

- Compression: 1500 Lbs. (6.67 kN)
- Tension: 300 Lbs. (1.33kN)
- Call to specify material, finish and length

Item #
UTP2458



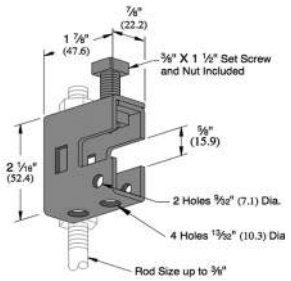
UNISTRUT

Beam Clamp

P2675

- Clamp Materials: .105" (2.7) thick steel.
- Clamp P2675 is designed for light duty rod suspension.
- It also may be used with P3016-1024 or P3016-1420 nut as illustrated above for mounting insulators, etc.
- Call to specify material and finish

Item #
UTP2675



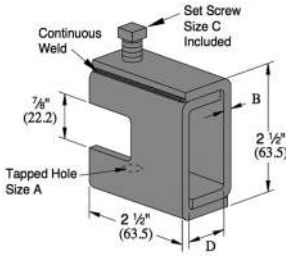
UNISTRUT

Beam Clamp

P16XX

- Size A: 5/8”-11
- Size B: 1/4”
- Size C: 1/2” x 1-1/2”
- Size D: 15/16”
- Design Load: 1,600 lbs.
- Call to specify material and finish

Item #
UTP1651AS



UNISTRUT

Beam Clamp Straps

P1657A Retainer Strap

- For beams under 7/8” thick flange
- Flange Width: 9”
- 12 Gage
- Size A: 12”
- Used With Beam Clamp: P1651 AS
- Call to specify material and finish

Item #
UTP1657A

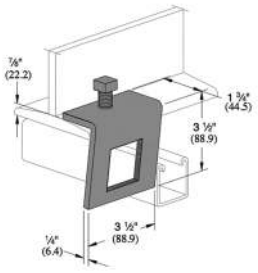
UNISTRUT

Beam Clamp

P1796S

- Use in pairs only
- 1/2” - 13 x 1½” Set screw included
- Call to specify material and finish

Item #
UTP1796S

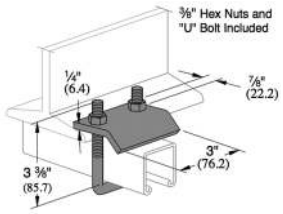


UNISTRUT

UNISTRUT
Beam Clamp

P2785

- For use with Beams up to 3/4" (19.1)
- Flanges and with Channels P1000, P1100, P2000, P3000, P3300, P3301, P4000, P4001, P4100, and P4101
- Use in pairs only
- Call to specify material and finish

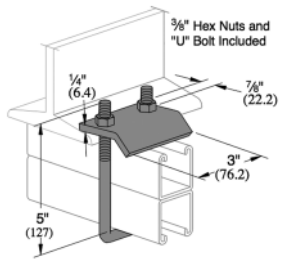


Item #	Design Load (Lbs)
UTP2785	1,000

UNISTRUT
Beam Clamp

P2786

- For use with Beams up to 3/4" (19.1)
- Flanges and with channels P1001, P1101, P2001, P3001, P5000, and P5500
- Use in pairs only
- Call to specify material and finish

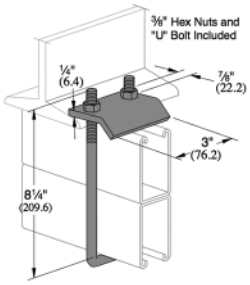


Item #	Design Load (Lbs)
UTP2786	1,000

UNISTRUT
Beam Clamp

P2787

- For use with Beams up to 3/4" (19.1)
- Flanges and with Channels P5001 and P5501
- Use in pairs only
- Call to specify material and finish

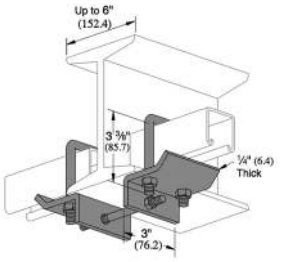


Item #	Design Load (Lbs)
UTP2787	1,000

UNISTRUT
Beam Clamp

P2868

- Beam Size A: 4" - 6"
- Includes: Center Rod, "U" Bolts and Hex Nuts
- For use with Channels P1000, P1100, P2000, P3000, P3300, P3301, P4000, P4001, P4100, and P4101
- Call to specify material and finish

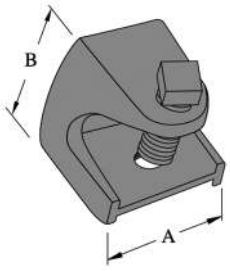


Item #
UTP2868

UNISTRUT
Beam Clamp

P289X

- Material: Malleable Iron
- 7/8" Maximum Flange Thickness
- Call to specify material and finish

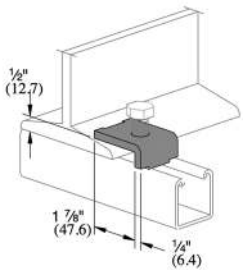


Item #	Rod Size	'A' Size	'B' Size	Load Rating (lbs.)
UTP2894-37	⅜"	2"	2"	350
UTP2894-50	½"	2⅝"	2½"	400

UNISTRUT
Beam Clamp

P1386

- Clamp Requires 1/2"-13 x 1½" Hex Head Cap Screw and 1/2" Channel Nut Not Included
- Call to specify material and finish

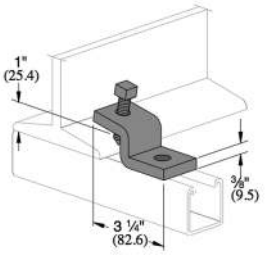


Item #
UTP1386

UNISTRUT
Beam Clamp

P1379S

- 1/2" - 13 x 1½" Set Screw Included
- Clamp Requires 1/2" x 1³⁄₁₆" Hex Head Cap Screw and 1/2" Channel Nut Not Included
- Call to specify material and finish



Item #
UTP1379S

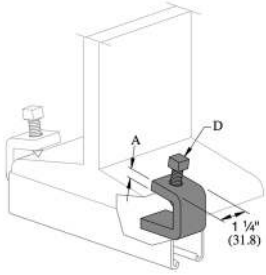
Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

UNISTRUT

Beam Clamp

C Shape

- Call to specify material and finish

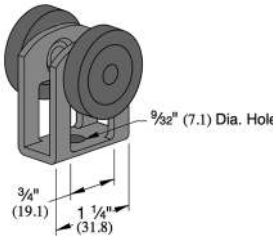


Item #	A	Flange Thick	D Set Screw Included	Design Load
UTP1272S	¼"	Up to ¾"	⅜"-16 x 1½"	450
UTP1985S	⅜"	Up to ¾"	½"-13 x 1½"	1,000
UTP1986S	⅜"	⅞" to 2"	½"-13 x 1½"	900

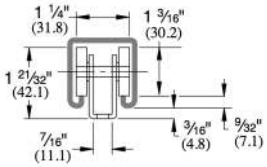
UNISTRUT

Trolley

P2749 2 Wheel



- Clevis Material: 12 gauge.
- Wheel bearings are stainless steel, and should not be lubricated.
- Ask about acetal wheels
- Call to specify material and finish

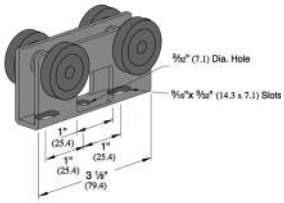


Item #	Design Load (Lbs)
UTP2749	50

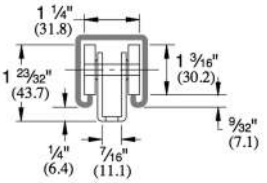
UNISTRUT

Trolley

P2750 4 Wheel



- Wheel bearings are stainless steel, and should not be lubricated.
- Ask about acetal wheels
- Call to specify material and finish

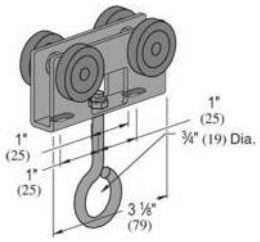


Item #	Design Load (Lbs)
UTP2750	100

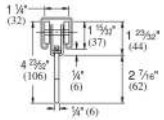
UNISTRUT

Loop Trolley

P2751 4 Wheel With Hanger



- Clevis Material: 12 gauge.
- Wheel bearings are stainless steel, and should not be lubricated.
- Ask about acetal wheels
- Call to specify material and finish

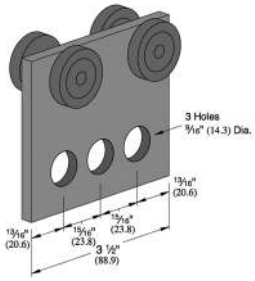


Item #	Design Load (Lbs)
UTP2751	100

UNISTRUT

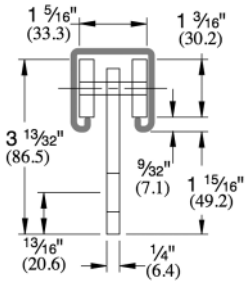
Trolley

P2950 3 Hole Plate



- Wheel bearings are stainless steel, and should not be lubricated.
- Call to specify material and finish

Item #
UTP2950



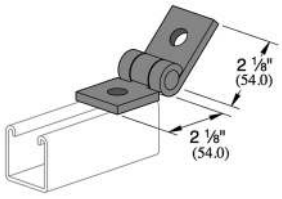
UNISTRUT

Adjustable Hinge Fitting

P1843 2 Hole Hinge

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP1843



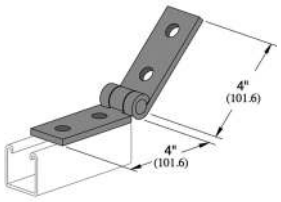
UNISTRUT

UNISTRUT

Hinge Fitting

P1354 4 Hole Hinge

- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish



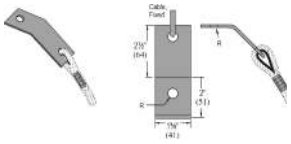
Item #
UTP1354

UNISTRUT

Seismic Fittings

Seismic Cable Fittings

- Call to specify different lengths

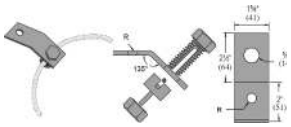


Item #	Hole Diameter in. (mm)	Length (ft.)	Finish
UTLS500-050-120	9/16 (11)	12	Elec-Galv

UNISTRUT

Seismic Fittings

Seismic Cable Fittings



Item #	Hole Diameter Size in. (mm)	Finish
UTLS410-050	9/16 (14)	Elec-Galv

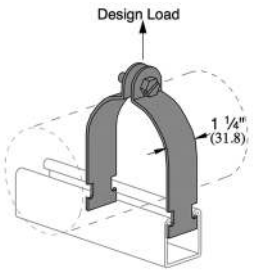
Call Edge for help with your seismic bracing.

UNISTRUT

Pipe/Conduit Clamps

P11XX

- Slotted hex head screw and nut included
- For Ridgid steel conduit and O.D.pipe
- Call to specify material and finish



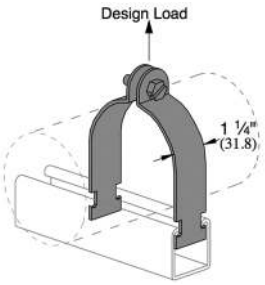
Item #	Pipe Size	O.D. Size	Thickness (ga.)	Design Load
UTP1111	½"	0.840"	16	400
UTP1112	¾"	1.050"	14	600
UTP1113	1"	1.315"	14	600
UTP1114	1¼"	1.660"	14	600
UTP1115	1½"	1.900"	12	800
UTP1117	2"	2.375"	12	800
UTP1118	2½"	2.875"	12	800
UTP1119	3"	3.500"	12	800
UTP1120	3½"	4.000"	11	1,000
UTP1121	4"	4.500"	11	1,000
UTP1123	5"	5.563"	11	1,000
UTP1124	6"	6.625"	10	1,000
UTP1126	8"	8.625"	10	1,000

UNISTRUT

Pipe/Conduit Clamps

P14XX

- Slotted hex head screw and nut included
- For Thin Wall conduit (EMT)
- Call to specify material and finish



Item #	Pipe Size	O.D. Size	Thickness (ga.)	Design Load
UTP1426	⅜"	0.577"	16	400
UTP1427	½"	0.706"	16	400
UTP1428	1"	1.163"	14	600
UTP1429	1¼"	1.510"	14	600
UTP1430	1½"	1.710	12	800
UTP1431	2"	2.197	12	800

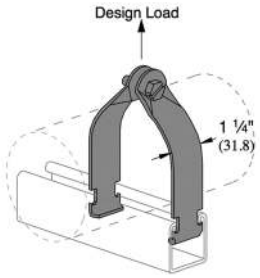
Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

UNISTRUT

Pipe Clamp

P12XX

- Use with Rigid or EMT
- Slotted hex head screw and nut included
- Universal style
- Call to specify material and finish



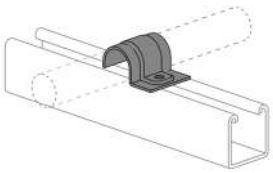
Item #	Pipe Size	Thickness (ga.)	Design Load
UTP1211	½"	16	400
UTP1212	¾"	16	400
UTP1213	1"	16	400
UTP1214	1¼"	14	600
UTP1215	1½"	14	600
UTP1217	2"	14	600

UNISTRUT

Tubing Clamps

One Hole Clamp

- 1/4" x 3/4" Round head machine screw and Channel nut not included
- Call to specify material and finish



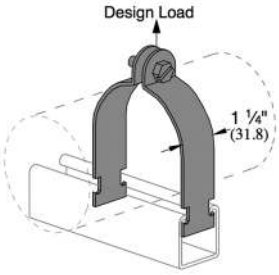
Item #	O.D. Tube Size	Thickness (ga.)
UTP2009	¼"	16
UTP2010	5⁄16"	16
UTP2020	1"	14

UNISTRUT

Pipe Clamps

P20XX

- Slotted hex head screw and nut included
- For O.D. tubing
- Call to specify material and finish



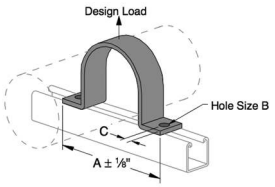
Item #	O.D. Tube Size	Thickness (ga.)	Design Load
UTP2024	¼"	16	400
UTP2025	⅜"	16	400
UTP2026	½"	16	400
UTP2027	⅝"	16	400
UTP2028	¾"	16	400
UTP2029	⅞"	16	400
UTP2030	1"	14	600
UTP2031	1⅛"	14	600
UTP2032	1¼"	14	600
UTP2033	1⅜"	14	600
UTP2034	1½"	14	600
UTP2035	1⅝"	14	600
UTP2037	1⅞"	12	800
UTP2038	2"	12	800
UTP2039	2⅛"	12	800
UTP2042	2½"	12	800
UTP2046	3"	12	800
UTP2047	3⅛"	12	800
UTP2049	3⅜"	12	800
UTP2051	3⅝"	12	1,000
UTP2053	3⅞"	11	1,000
UTP2070	6"	10	1,000
UTP2070-82	8¼"	10	1,000

UNISTRUT

Pipe Straps

P2558-XX

- Call to specify material and finish



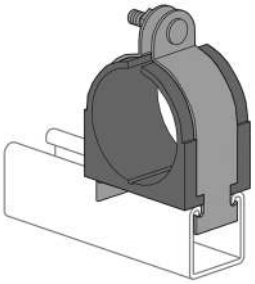
Item #	Nominal Pipe Size	'A' Size	'B' Size	'C' Size	Thickness	Design Load (lbs.)
UTP2558-05	½"	2⅞"	9⁄32"	7⁄16"	⅛"	500
UTP2558-07	¾"	3⅛"	9⁄32"	7⁄16"	⅛"	500
UTP2558-10	1"	3⅜"	9⁄32"	7⁄16"	⅛"	500
UTP2558-12	1¼"	3¾"	9⁄32"	7⁄16"	⅛"	500
UTP2558-15	1½"	3⅞"	9⁄32"	7⁄16"	⅛"	500
UTP2558-20	2"	5¾"	7⁄16"	11⁄16"	¼"	1,000
UTP2558-25	2½"	6¼"	7⁄16"	11⁄16"	¼"	1,000
UTP2558-30	3"	6⅞"	7⁄16"	11⁄16"	¼"	1,000

UNISTRUT

UNISTRUT

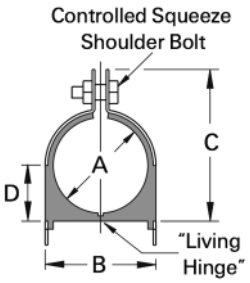
Insulated Pipe Clamps

Cush-A-Clamp®



- T - With controlled squeeze shoulder bolt
- N - With standard bolt

- All tube series above 1¾" are furnished without the controlled-squeeze shoulder bolt; these sizes feature a threaded stud securely fastened to one clamp half
- Tube O.D. is Cushion I.D. All parts are marked for easy identification and packaged for small lot or bulk use
- Call to specify material and finish

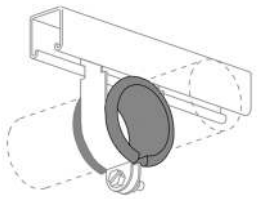


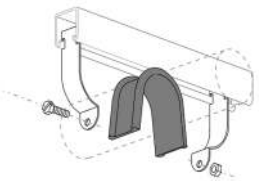
Item #	Tubing O.D.	Pipe Nom.	Dim A	Dim B	Dim C	Dim D
Tube Series						
UT010T014	⅝"	½"	0.62"	1.06"	1.54"	0.46"
UT014T018	⅞"	¾"	0.87"	1.31"	1.82"	0.58"
UT018T022	1⅛"	1"	1.12"	1.57"	2.08"	0.70"
UT024N028	1½"	1¼"	1.50"	1.95"	2.47"	0.90"
UT026N030	1⅝"	1½"	1.62"	2.07"	2.60"	0.96"
Pipe Series						
UT017N022	-	¾"	1.05"	1.50"	1.95"	0.70"

UNISTRUT

Pipe Supports

Unicushion®



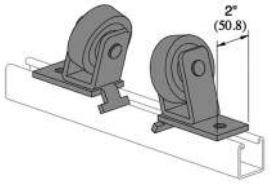


- Shock absorption
- Protection from corrosion and abrasion
- Allowance for expansion and contraction
- Sound and vibration isolation
- Stability in use from - 50° F (-47° C) to + 350°F (+177° C)
- Flexible elastomer material
- Will not support combustion
- 25 feet per carton

Item #
UTP2600

UNISTRUT

Pipe Roller



P2475 For 6" - 16" Pipe

- Requires 2 each 1/2" x 15/16" bolts and 1/2" channel nuts per assembly; sold separately
- Design Load: 1500 lbs.
- Material: Cast iron rollers
- Call to specify material and finish

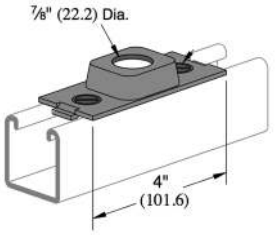
Pipe Size In	No Insulation In *(mm)*	Insulation Thickness 1" In *(mm)*	1½" In *(mm)*	2" In *(mm)*	2½" In *(mm)*	3" In *(mm)*	4" In *(mm)*
6	9½ *241.3*	10¼ *260.4*	10½ *266.7*	10¾ *273.1*	11 *279.4*	11⅜ *288.9*	11⅞ *301.6*
8	10⅛ *257.2*	*	11 *279.4*	11⅜ *288.9*	11¾ *298.5*	12 *304.8*	12½ *317.5*
10	10¾ *273.1*	*	11⅝ *295.3*	12 *304.8*	12¼ *311.2*	12½ *317.5*	13 *330.2*
12	11¼ *285.8*	*	12⅛ *308.0*	12½ *317.5*	12¾ *323.9*	13 *330.2*	13½ *342.9*
14	11⅝ *295.3*	*	12½ *317.5*	12⅞ *327.0*	13 *330.2*	13⅜ *339.7*	14 *355.6*
16	12⅛ *308.0*	*	13 *330.2*	13⅜ *339.7*	13⅞ *352.4*	14 *355.6*	14½ *368.3*

Item #	Design Load (Lbs)
UTP2475	1500

UNISTRUT

Electrical Fittings

Conduit Hanger Connector



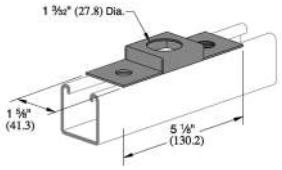
- For 1/2" conduit
- 1/4" x 5/8" Flat head machine screw and P3016-1420 nut included
- Material: 12 gauge
- Use with channels: P1000 and P1100
- Call to specify material and finish

Item #	Design Load (Lbs)
UTP2535	400

UNISTRUT

Electrical Fittings

Conduit Hanger Connector



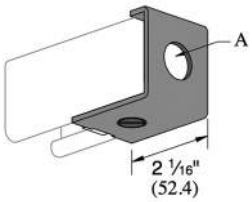
- For 3/4" conduit
- 1/4" x 5/8" Flat head machine screw and P3016-1420 nut included
- Call to specify material and finish

Item #	Design Load (Lbs)
UTP2536	200

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

UNISTRUT

UNISTRUT
Electrical Fittings
Channel End Connector



- For 1/2” Conduit
- 1/4” x 5/8” Flat head machine screw and P3016-1420 nut included
- Material: 12 gauge
- Use with channels: P1000 and P1100
- Call to specify material and finish

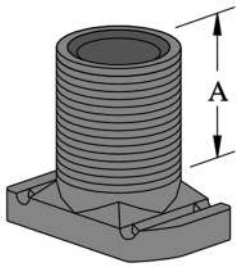
Item #
UTP2521-50

UNISTRUT
Electrical Fittings
Wireway End Cap

- Call to specify material and finish

Item #	Use With
UTP1280W	P1000
UTP4280W	P4000

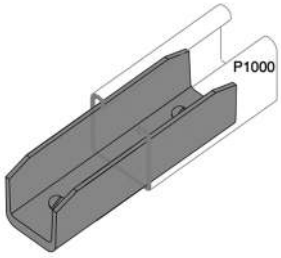
UNISTRUT
ElectricalFittings
Channel Wiring Stud Nut



- 1/2” American standard straight pipe thread
- A Stud Size: 1-5/64”
- Material: Sintered metal
- Design Load: 320 lbs.
- Call to specify material and finish

Item #
UTP2450

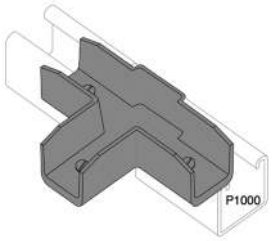
UNISTRUT
Electrical fittings
In-Channel Joiners - Straight



- Material: Cast aluminum.
- 3/8"-16 x 1/4" Socket Cup Point Set Screws Included
- Material: Aluminum

Item #
UTP2900AL

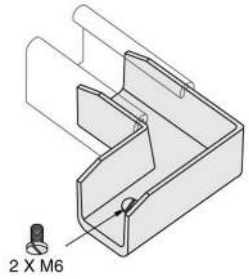
UNISTRUT
Electrical Fittings
In-Channel Joiners - Tee



- Material: Cast aluminum.
- 3/8"-16 x 1/4" Socket Cup Point Set Screws Included
- Material: Aluminum

Item #
UTP2901AL

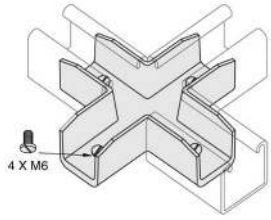
UNISTRUT
Electrical Fittings
In-Channel Joiners-L



- Material: Cast aluminum
- 3/8”-16 x 1/4” Socket Cup Point
- Set Screws Included
- Material: Aluminum

Item #
UTP2902AL

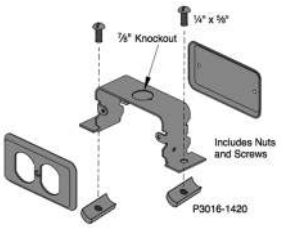
UNISTRUT
Electrical Fittings
In-Channel Joiners-X



- Material: Cast aluminum
- 3/8”-16 x 1/4” Socket Cup Point
- Set Screws Included
- Material: Aluminum

Item #
UTP2903AL

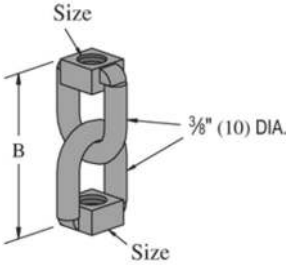
UNISTRUT
Electrical Fittings
Receptacle Box - Single Outlet



- Includes Nuts and Screws
- Call to specify material and finish

Item #
UTP2761

UNISTRUT
Electrical Fittings
Swivel Hanger



- Size: 1/2”
- Call to specify material and finish

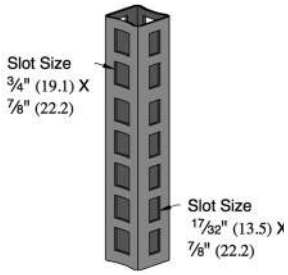
Item #
UTM2950

UNISTRUT

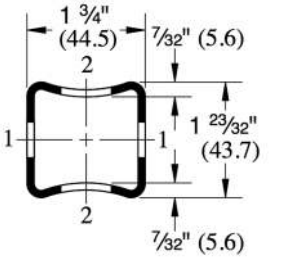
UNISTRUT

Electrical Fittings

Cable Entrance



- Gauge: 12 (.105)
- Allowable Moment: 4,800 in-lbs
- Slot Spacing: 1¼" on center
- Call to specify material, finish and length

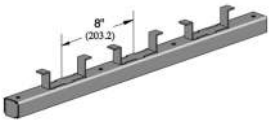


Item #
UTP16F

UNISTRUT

Concrete Inserts

P32XX



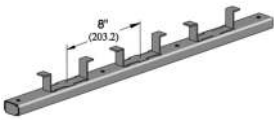
- Max. Allowable Point Load: 2,000 lbs.
- Min. Spacing of Pt. Loads: 12"
- Max. Allowable Uniform Load: 2,000 lbs.
- No Closure Strip, No End Caps, W/Back Plates
- Need to order Closure Strips separately
- Call to specify material, finish and length

Item #
UTP3270

UNISTRUT

Concrete Inserts

P33XX



- 1-5/8" x 7/8" tall
- Insert Length: 20'
- Max. Allowable Point Load: 2,000 lbs.
- Min. Spacing of Pt. Loads: 12"
- Max. Allowable Uniform Load: 2,000 lbs.
- No Closure Strip, No End Caps, W/Back Plates
- Make sure to include Closure Strips
- Call to specify material finish and length

Item #
UTP3370X

UNISTRUT

Closure Strip

P3712P-Plastic

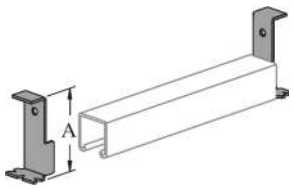
- Material: Plastic
- Color: Black.
- Note: Use with P3170, P3270, and P3370 series concrete insert.
- Standard length: 10' (3m)

Item #
UTP3712P

UNISTRUT

Concrete Inserts

End Cap Anchors



Note: End cap anchor for use with 1-5/8" wide standard Unistrut inserts only

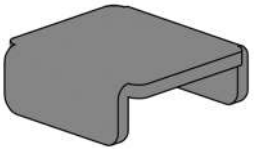
- Call to specify material and finish

Item #	Channel	'A'
UTP1704	P1000	2 13/32"
UTP3703	P3300	2 7/16"
UTP3704	P3000	3"

UNISTRUT

Concrete Inserts

End Cap



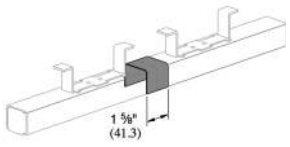
- Call to specify material and finish

Item #	Fits Channel
UTP3280	P3000
UTP3380	P3300

UNISTRUT

Concrete Inserts

Joint Covers



- Use with Insert Series: P3270

*Note: Joint cover for use with 1-5/8" wide standard Unistrut inserts only.

- Call to specify material and finish

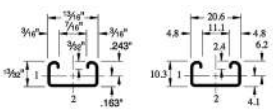
Item #
UTP3663

UNISTRUT

13/16" Series

P7000

- Allowable Moment: 180 in-lbs
- Call to specify material/finish



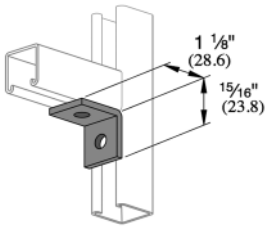
Item #
UTP7000

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

UNISTRUT

UNISTRUT
13/16" Series

P6026 2 Hole

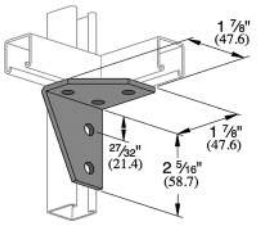


- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP6026

UNISTRUT
13/16" Series

P6917 5 Hole Gusset

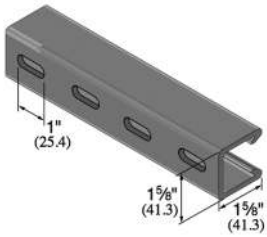


- Refer to Standard Dimensions for width, thickness, hole diameters and hole spacing
- Call to specify material and finish

Item #
UTP6917

UNISTRUT
Fiberglass

20P2200 Slotted Channel



- Wt/100 ft. (lbs.): 82

Item #
UF20P-2200-20

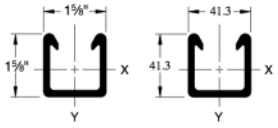
UNISTRUT
Fiberglass

20P2000 Single Channel

- Patented flange profile
- Area: 1.06"[2]

X - X Axis: I: 0.31 in[4]; R: 0.54"; C!: 0.70"; C2: 0.93"

Y - Y Axis: I: 0.42 in[4]; R: 0.63"; C: 0.82"

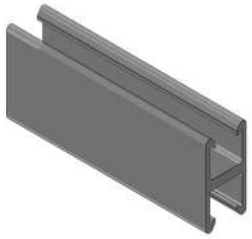


- Wt/100 ft. (lbs.): 82

Item #
UT20P-2000-20

UNISTRUT
Fiberglass

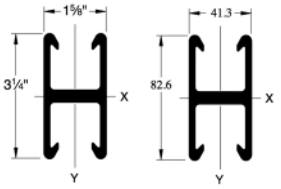
20P2100 Back to Back



- Patented flange profile
- Area: 2.12"[2]

X - X Axis: I: 1.77 in[4]; R: 0.91"; C!: 1.63"; C2: 1.63"

Y - Y Axis: I: 0.85 in[4]; R: 0.63"; C: 0.82"

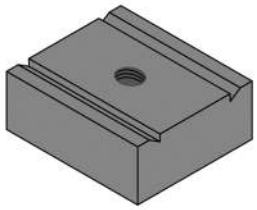


- Wt/100 ft. (lbs.): 164

Item #
UT20P-2100-20

UNISTRUT
Fiberglass

Channel Nut - Heavy Duty



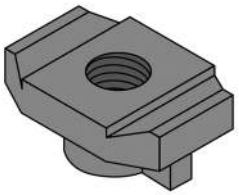
Heavy duty channel nuts are designed to be used where high thread shear values or spring nuts are required. They can not be used with light duty 1000 series channel or SST profile channel.

- Material: glass-reinforced polyurethane
- Thread shear values shown represent a 3:1 safety factor
- Wt/100 pcs. (lbs.): 5.7

Item #	Size	Thread Shear (lbs.)*	Torque (ft./lbs.)
UTF375PU-CNHD	⅜"-16	1,400	8
UTF500PU-CNHD	½"-13	1,400	8

UNISTRUT
Fiberglass

Channel Nut - Standard Duty



Standard Duty channel nuts are designed for light duty applications that do not require high thread shear values. They can be used with both light duty series 1000 and heavy duty series 2000 fiberglass channel.

- Note: For use with SST profile channel
- Material: glass-reinforced polyurethane
- Thread shear values shown represent a 3:1 safety factor
- Wt/100 pcs. (lbs.): 1.8

Item #	Size	Thread Shear (lbs.)*	Torque (ft./lbs.)
UTF250PU-CN	¼"-20	460	2
UTF375PU-CN	⅜"-16	460	3
UTF500PU-CN	½"-13	460	3

UNISTRUT

UNISTRUT
Fiberglass

Threaded rods

- Material: Pultruded vinyl ester resin and is gray in color
- Ordered in eight foot lengths
- Thread shear values shown represent a 3:1 safety factor
- Wt/100 pcs. (lbs.): 3/8”-35, 1/2”-57

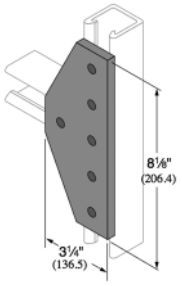
Item #	Size	Thread Shear (lbs.)*	Torque (ft./ lbs.)
UTF200-3827-96	⅜”-16	470	5
UTF200-3828-96	½”-13	570	10

UNISTRUT
Fiberglass

6 Hole Gusset Tee

Wt/100 pcs. (lbs.): 50

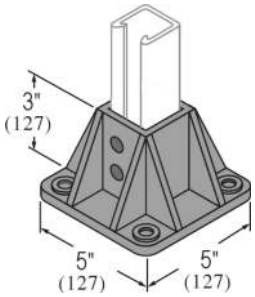
Item #	Wt/100 pcs (Lbs)
UR20P-2530	50



UNISTRUT
Fiberglass

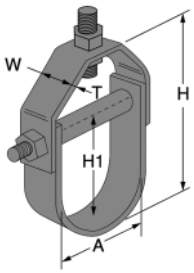
Post Base

Item #	Finish
UT20PU-5853	Fiberglass



UNISTRUT
Fiberglass

Clevis Hangers

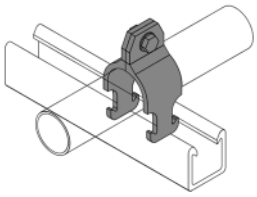


- Material: Glass-reinforced polyester resin
- Size Range: 1½” - 2”
- Hanger Rod: 1/2”
- Trans Rod: 3/8”
- Spreader Rod O.D.: 1/2”
- Loads: 60 lbs.
- Dimensions (T x H x H1 x W): 1/8” x 3½” x 2⅜” x 1½”
- Wt/Per 100 pcs. (lbs.) 25

Item #
UTF100-1501

UNISTRUT
Fiberglass

Ridgid Pipe Clamps



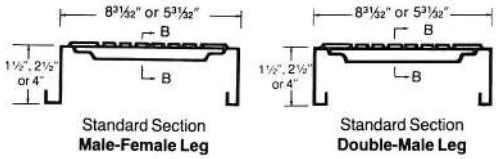
- Rigid Pipe Clamps resemble the more traditional style of pipe clamps and are sized based on the pipe inside diameter or nominal size
- Polyurethane clamps are recommended for applications up to 160ºF; for high temperature applications (up to 230ºF)
- Care should be taken not to exceed the recommended torque values of the rigid pipe clamps
- Material: Glass-reinforced polyurethane
- Design Loads: Type 1 - 225 lbs.; Type 2 - 90 lbs.
- FRP Bolt Size: 3/8” x 1-1/4”
- Torque (ft./lbs.): 3
- Wt/100 pcs. (lbs.): 5

Item #	Nom. Size	Rigid Metal
UTPCR-050	½”	0.840”
UTPCR-075	¾”	1.050”
UTPCR-100	1”	1.315”
UTPCR-125	1¼”	1.660”
UTPCR-150	1½”	1.900”
UTPCR-200	2”	2.375”

UNISTRUT
Walkway Grating

G6XXXX

- Specify Height: 1-1/2”, 2-1/2” or 4”
- Specify gauge: 14 or 18
- Specify leg shape: double-male or male-female
- Specify surface: slotted-smooth or anti-skid
- Finish is PG: Call for other material options



Item #	Width (in.)
UTG6XXXX	6

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Strut, Hangers, & Fittings

UNISTRUT

UNISTRUT
Walkway Grating

G9XXXX

- Specify Height: 1-1/2", 2-1/2" or 4"
- Specify gauge: 14 or 18
- Specify leg shape: double-male or male-female
- Specify surface: slotted-smooth or anti-skid
- Finish is PG: Call for other material options

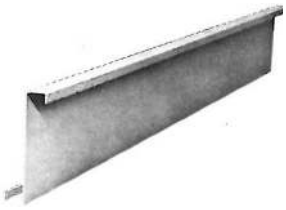
Item #	Width (in.)
UTG9XXXX	9

UNISTRUT
Walkway Grating

Heel/Toe Side Plates

Forms a curb along grating length that defines a structures side edge, and helps contain loose objects.

- 14 gauge



Item #	Height (in.)	Length (ft.)
UTG601PG	4	24
UTG631PG	6½	24
UTG621PG	8	12

UNISTRUT
Walkway Grating

Heel/Toe End Plates

Forms a curb along ends that defines a structure's edge., and helps contain loose objects.

- 14 gauge

Item #	Height (in.)	Length (ft.)
UTG613PG	4	12
UTG622PG	6½	12
UTG623PG	8	12

UNISTRUT
Walkway Grating

Grating Beam Clamp

- Attaches grating to structural I-beams. Requires no welding or drilling

Item #
UTG640EG

UNISTRUT
Walkway Grating

"J" Bolt/Nut Lockwasher

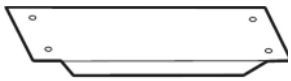
- Attachment for attaching panels to supporting members from underside of grating

Item #
UTG600EG

UNISTRUT
Walkway Grating

Support Plate

- Parallel support plate

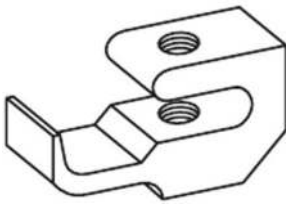


Item #
UTG827B-PG
UTG837-PG
UT848B-PG
UTG860-PG

UNISTRUT
Walkway Grating

Rib Clip

Item #
UTG811-AL



UNISTRUT
Walkway Grating

Recessed Washer

Item #
UTG714-EG

ERICO

ERICO/CADDY
Top Beam Clamp

Item #	Rod Size	Flange Thickness (in.)	Rec# Load (lbs.) Top	Finish
ES3050037S4	⅜"-16	¾	500	SS
ES3050050S4	½"-13	¾	1130	SS

ERICO

ERICO/CADDY

Universal Beam Clamp

Item #	Rod Size	Flange Thickness (in.)
ES3000037EG	3⁄8”-16	3⁄4
ES3000037PL	3⁄8”-16	3⁄4
ES3000050EG	1⁄2”-13	3⁄4
ES3000050PL	1⁄2”-13	3⁄4
ES3000062PL	5⁄8”-11	3⁄4

ERICO/CADDY

Universal Beam Clamp

Wide Mouth

Item #	Rod Size	Flange Thickness (in.)
ES3100037EG	3⁄8”-16	1 1⁄4
ES3100037PL	3⁄8”-16	1 1⁄4
ES3100050EG	1⁄2”-13	1 1⁄4
ES3100050PL	1⁄2”-13	1 1⁄4

ERICO/CADDY

Beam Clamp

- Easy installation to beam flanges up to 1/2"
- Supports 1/4" and 3/8" threaded rod, S-hooks, electrical boxes, conduit and bridle rings
- Accommodates standard 1/4"-20 or #10-24 threaded bridle rings

Item #	Desc.	Static Load Limit (lbs.)
CABC	Beam Clamp thru 1⁄2” Flange	100

ERICO/CADDY

Beam Clamp

Rod Lock

Caddy Rod Lock provides a quick and economical solution for installing electrical and mechanical systems supported by threaded rod. The system includes the Caddy Rod Lock beam clamp and channel nut. Simply push the threaded rod through the mounting hole and it instantly locks into position. The system can even be used on threaded rod with slightly damaged threads or minor burrs.

- Fits 3/8” rod
- Load Rating for flanges 1/8"-5/16" is 250 lbs. and for flanges 3/8"-7/16" is 500 lbs.
- UL® 203 & UL 2239 Approved
- FM® Approved
- CRLB37EG Beam Clamp is FM Approved when installed in the bottom mount orientation
- CRLB37EG Beam Clamp is UL Listed for Fire Sprinkler Applications when a lock nut is installed on the threaded rod on the bottom side of the beam clamp
- For use on plain and electrogalvanized (EG) hardware only.
- Electrogalvanizd ductile iron
- 3:1 Safety Factor

Item #
CACRLB37EG

ERICO/CADDY

Rod Lock Channel Nut

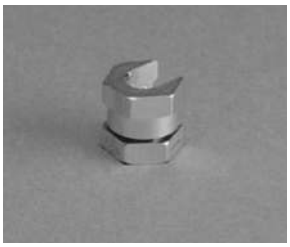
Caddy Rod Lock provides a quick and economical solution for installing electrical and mechanical systems supported by threaded rod. The system includes the Caddy Rod Lock beam clamp and channel nut. Simply push the threaded rod through the mounting hole and it instantly locks into position. The system can even be used on threaded rod with slightly damaged threads or minor burrs.

- Removable hex nut for use on half-slot side of strut
- Load capacity up to 750 lbs
- Electro-galvanized forged steel
- 3:1 Safety Factor
- For use on plain and electrogalvanized hardware only

Item #
CACRLS37EG

ERICO/CADDY

Threaded Strut Nut



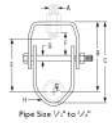
Traditional spring nuts have to be selected based on strut depth. The SLICK Nut has eliminated the spring and easily fits all standard strut depths. The unique one-piece design eliminates the need for a washer.

- For use in indoor, outdoor and mildly corrosive environments
- Surface Finish: CADDY® ARMOUR

Item #
CASN37

ANVIL

Clevis Hangers



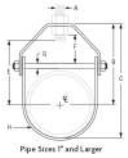


Fig. 260 Adjustable Clevis Hanger

- Size Range: 1/2”-30”
- Material: Carbon steel
- Finish: Plain or Galvanized, also available plastic or epoxy coated
- Service: Recommended for the suspension of stationary pipe lines
- Maximum Temperature: Plain 650° F, Galvanized and Epoxy 450° F
- Approvals: Complies with Federal Specifications A-A-1192A (Type 1), UL, ULC Listed and FM Approved (Sizes 3/4” through 8”)
- Installation: Hanger load nut above clevis must be tightened securely to assure proper hanger performance
- Adjustment: Vertical adjustment without removing pipe may be made from 3/8 through 5-1/8”, varying with the size of the clevis; tighten upper nut after adjustment

Features:

- Design has yoke on outside of lower U-strap so yoke cannot slide toward center of bolt, thus bending of bolt is minimized
- Sizes 5” and up have rod and two nuts instead of bolt and nut, thread length on clevis rod is such that the thread locks the nuts in place, and threads are not in shear plane

Ordering:

- Specify pipe size, figure number, name and finish

Notes:

- Punched forming holes may be present on certain sizes of this clevis hanger; these holes are solely for the purpose of manufacturing, and do not effect the structural integrity or load carrying capacities of these hangers
- For insulated line options without shields, see Figures 260ISS and 300 - for insulated line options with shields, see Figures 167 and 168 - for ductile iron pipe sizes, see Figure 590

Caution:

- When an oversize clevis is used, a pipe spacer or multispacer should be placed over clevis bolt to ensure that the lower U-strap will not move in on the bolt

Item #	Pipe Size (in.)	Max Load (lbs.)	Span (ft.)*	Weight (lbs.)	Rod Size A (in.)	B (in.)	C (in.)	Rod Take Out E (in.)	Adjust F (in.)	G (in.)
AV260-1/2	½	610	7	.34	⅜	2 3/16	2 11/16	1½	⅝	¼
AV260-3/4	¾	610	7	.34	⅜	2	2 11/16	1 5/16	⅝	¼
AV260-1	1	730	7	.35	⅜	2 5/16	3	1⅝	⅝	¼
AV260-1[1/4]	1¼	730	7	.40	⅜	2⅜	3¼	1 11/16	⅝	¼
AV260-1[1/2]	1½	730	9	.45	⅜	2 13/16	3 13/16	2⅛	⅞	¼
AV260-2	2	730	10	.50	⅜	3 5/16	4½	2⅝	1⅛	¼
AV260-2[1/2]	2½	1,350	11	.65	½	4 1/16	5½	3 3/16	1 5/16	⅜
AV260-3	3	1,350	12	.85	½	4¾	6½	4 1/16	1⅝	⅜
AV260-3[1/2]	3½	1,350	13	1.10	½	5 1/16	7 1/16	4 3/16	1 13/16	⅜
AV260-4	4	1,430	14	1.51	⅝	5 9/16	7 13/16	4½	1 11/16	⅜
AV260-5	5	1,430	16	1.70	⅝	6 9/16	8 15/16	5½	1 15/16	⅜
AV260-6	6	1,940	17	3.10	¾	6 15/16	10¼	5¾	1 11/16	½
A260-8	8	2,000	19	4.75	¾	8⅜	12 11/16	7 3/16	2	½
AV260-10	10	3,600	22	8.60	⅞	9⅞	15¼	8 7/16	2⅛	⅝
AV260-12	12	3,800	23	11.20	⅞	11 9/16	17 15/16	10⅛	2 13/16	⅝
AV260-14	14	4,200	25	12.50	1	12 9/16	19 9/16	10 11/16	2 11/16	¾
AV260-16	16	4,600	27	19.85	1	14	22	12	2¾	1
AV260-18	18	4,800	28	22.25	1	15 15/16	24 15/16	13 15/16	3 13/16	1
AV260-20	20	4,800	30	40.33	1¼	17 9/16	27 9/16	15 3/16	3⅞	1¼
AV260-24	24	4,800	32	49.83	1¼	19 13/16	31 13/16	17 5/16	3⅞	1¼
AV260-30	30	6,000	33	70.18	1¼	24 3/16	39 3/16	21 9/16	5⅛	1¼

Span represents the maximum recommended distance between hangers on a continuous and straight run of horizontal standard weight steel pipe filled with water. In all cases, verify that chosen location of hangers does not subject hangers to a load greater than the maximum recommended load shown above

ANVIL

Clevis Hangers

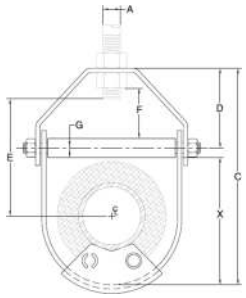


Fig 260ISS Clevis Hanger with Insulation Saddle System

- Size Range: 2” through 16” clevis hanger with saddle system, 1/2” through 12” pipe diameter
- Material: Carbon steel with high impact glass reinforced polypropylene saddle and carbon steel spacer
- Finish: Plain or galvanized clevis hanger
- Service: Recommended for the suspension of stationary insulated chilled or hot water pipe lines
- Maximum Temperature: 40° F to 200° F
- Approvals: The 260ISS has been independently tested by ASTM & UL for flame spread (FSI), smoke development (SD) and drip ratings; the product has been approved by both agencies and has qualified for an ASTM E84 Class 1 25/60 rating, as well as a UL E94 VO rating which are the highest rating for this type of product by either agency
- Installation: Hanger load nut above clevis must be tightened securely to assure proper performance; install the pipe on the saddle, cope or notch one section of insulation to securely fit around the saddle, notch should be deep enough to extend 1/8” to 1/4” beyond the saddle, square cut adjoining insulation section and butt the mating end to the notched section; apply mastic to all mating insulation edges, caulk all seams between insulation and saddle as applicable to chilled or hot water systems to assure positive vapor barriers, finish via standard taping methods
- Adjustment: Vertical adjustment without removing the hanger may be made 7/8” through 2-3/8” varying with the size of the clevis

Features:

- Clevis hanger with high impact saddle eliminates costly hanger adjustments required during the installation of piping insulation
- Wood blocks and shields are not required for use with this product
- V-Block design cradles the pipe during and after installation
- Low thermal conductivity calculated at .77(BTU-In/Sq. Ft-Hr°F)
- Flammability rating of V-O UL 94

Ordering:

- Specify size number, insulation thickness, and finish

Item #	Max Load (lbs.)	Weight	Rod Size A (in.)	C (in.)	Rod Take Out E (in.)	Adjust F (in.)	G (in.)	X (in.)
AV260-2	550	.73	3/8	4 1/2	2 5/8	7/8	1/4	2 3/8
AV260-3	550	1.32	1/2	6 1/2	4 1/16	1 7/16	3/8	3 5/8
AV260-4	550	1.83	5/8	7 13/16	4 1/2	1 1/2	3/8	4 1/2
AV260-5	750	2.44	5/8	8 15/16	5 1/2	1 3/4	3/8	5 11/16
AV260-6	750	3.81	3/4	10 1/4	5 3/4	1 1/2	1/2	6 11/16
AV260-8	1100	5.60	3/4	12 11/16	7 3/16	1 3/4	1/2	8 13/16
AV260-10	1100	9.73	7/8	15 1/4	8 7/16	1 7/8	5/8	10 3/4
AV260-12	1700	13.80	7/8	17 15/16	10 1/8	2 9/16	5/8	12 7/16
AV260-14	1700	15.60	1	19 9/16	10 11/16	2 1/2	3/4	14 7/16
AV260-16	1700	26.81	1	22	12	2 3/8	1	16 5/16

Call for assistance with pipe hangers and stands.

We provide different finishes and stainless steel.

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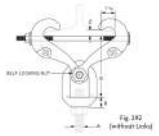
Beam Clamps



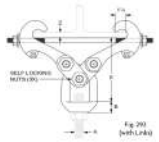


Fig. 292, 292L Universal Forged Steel Beam Clamp with Weldless Eye Nut

- Material: Forged steel
- Finish: Plain or Galvanized
- Service: For suspension of heavy loads from beams with flange widths to 15" and flange thickness to 1.031
- Approvals: Complies with Federal Specification A-A-1192A (Type 28 without links; Type 29 with links), WW-H-171-E (Type 28 without links; Type 29 with links), ANSI/MSS SP-69 and MSS-SP-58 (Type 28 without links; Type 29 with links)
- Installation: Fit jaws over edges of lower beam flange and tighten nuts on tie rod to lock clamp in place

Features:

- Weldless eye nut provides for horizontal pipe movement without binding
- Weldless eye nut is furnished tapped top any specified rod size up to the maximum rod size
- Tie rod assures a tight non-slip fit to the beam

Ordering:

- Specify clamp size, figure number, name, rod size and finish

Note:

- The application of a load to a structural beam by means of a beam clamp produces a traverse stress, perpendicular to the axis of the beam, in the flange to which the load is applied
- Clamp sizes 3,5 and 7 furnished with links

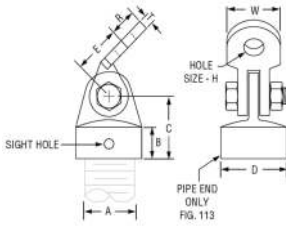
Item #	Clamp Size No.	Max Rod Size A (in.)	Max Load (lbs.)	Weight (lbs.)	Z Max (in.)	B (in.)	Jaw and Eye Nut Size (in.)
Right Handed Thread							
AV292-1	1	¾	3,230	3.9	.60	1¼	292-1/1
AV292-2	2	1	5,900	9.2	.60	1 11⁄16	292-2/2
AV292-3	3	1	5,900	13	.60	1 11⁄16	292-2/2
AV292-4	4	1	5,900	21.7	1.031	1½	292-3/2
AV292-5	5	1	5,900	33.9	1.031	1½	292-3/2
AV292-6	6	1½	11,500	23.9	1.031	2⅛	292-3/3
AV292-7	7	1½	11,500	35.8	1.031	2⅛	292-3/3
AV292-8	8	2	11,500	36.8	1.031	4 9⁄16	292-3/4
Left Handed Thread							
AV292L-1	1	¾	3,230	3.9	.60	1¼	292-1/1
AV292L-2	2	1	5,900	9.2	.60	1 11⁄16	292-2/2
AV292L-3	3	1	5,900	13	.60	1 11⁄16	292-2/2
AV292L-4	4	1	5,900	21.7	1.031	1½	292-3/2
AV292L-5	5	1	5,900	33.9	1.031	1½	292-3/2
AV292L-6	6	1½	11,500	23.9	1.031	2⅛	292-3/3
AV292L-7	7	1½	11,500	35.8	1.031	2⅛	292-3/3
AV292L-8	8	2	11,500	36.8	1.031	4 9⁄16	292-3/4

Make sure to get the right size beam clamps based on your required load!

ANVIL

Structural Attachments

Fig. 112, 113 Brace Fitting Complete Pipe End Only



- Size Range: 1" and 1-1/4"
- Material: Malleable iron bracket and pipe end; hex cap screw and nut
- Finish: Plain
- Service: For bracing piping against sway and seismic movement
- Installation: Normally two fittings are used; a Fig. 112 complete attached to one end of an IPS nipple and a Fig. 113 pipe end only attached to the other end; the brace fitting completely connects to the building structure while the pipe end only connects to the pipe attachment. Use with Fig. 212 FP pipe clamp see page 34

Features:

- Two piece pivoted assembly accommodates any angle to structure; Sight hole in pipe end provides easy means of verifying proper thread engagement

Ordering:

- Specify size, figure number, name

Item #	Max Load (lbs.)	Weight (lbs.)	B (in.)	C (in.)	D (in.)	E (in.)	Hole Dia. H (in.)	R (in.)	T (in.)	W (in.)
Fig. 112										
AV112-1	850	.95	1	2 3/16	1 11/16	1 1/2	9/16	3/4	1/4	1 1/2
AV112-1[1/4]	1,150	1.40	1	2 3/16	1 1/2	3/4	7/8	5/16	1 3/4	
Fig. 113										
AV113-1	850	.50	1	2 3/16	1 11/16	1 1/2	9/16	3/4	1/4	1 1/2
AV113-1[1/4]	1150	.80	1	2 3/16	1 1/2	3/4	7/8	5/16	1 3/4	

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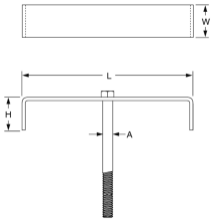
Concrete Inserts And Attahments

Fig. 284 Metal Deck Hanger



- Size Range: 3/8" through 3/4"
- Material: Carbon steel
- Finish: Plain
- Service: Recommended for suspending pipe or conduit in metal concrete deck forms for a variety o rod sizes; may be used with a rod coupling such as the Fig. 135 or 136 to allow for extended rod lengths

Features:

- L and H can be specified for a custom fit if your particular deck does not accommodate type A, B, or C
- Standard 6" long UNC bolt is welded to bracket to ensure assembly remains intact during shipment

Ordering:

- Specify Figure 284, design type (A,B, or C) and bolt diameter
- If your specific deck will not fit one of the design types and/or a different bolt size is required, specify leg height (H), opening (L), and bolt size

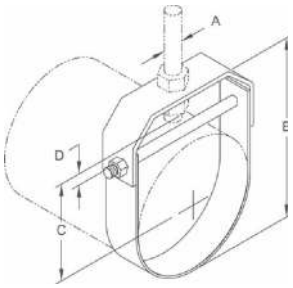
Item #	Bolt Size A (in.)	Max Load (lbs.)	L (in.)	H (In.)	W (in.)	Weight (lbs.)
Type A						
AV284A-3/8	3/8	730	9 5/8	1 3/4	1 1/2	1.33
AV284A-1/2	1/2	1,350	9 5/8	1 3/4	1 1/2	1.43
AV284A-5/8	5/8	2,160	9 5/8	1 3/4	1 1/2	1.64
AV284A-3/4	3/4	3,230	9 5/8	1 3/4	1 1/2	1.92
Type B						
AV248B-3/8	3/8	730	12	3	1 1/2	2.23
AV248B-1/2	1/2	1,350	12	3	1 1/2	2.33
AV248B-5/8	5/8	2,160	12	3	1 1/2	2.54
AV248B-3/4	3/4	3,230	12	3	1 1/2	2.82
Type C						
AV248C-3/8	3/8	730	16	4	1 1/2	3.10
AV248C-1/2	1/2	1,350	16	4	1 1/2	3.20
AV248C-5/8	5/8	2,160	16	4	1 1/2	3.41
AV248C-3/4	3/4	3,230	16	4	1 1/2	3.69

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

TOLCO

Fig. 1

Standard Clevis Hanger



- Size Range: Size 1/2" thru 36" pipe
- Material: Carbon Steel
- Function: Recommended for the suspension of non-insulated pipe or pipe with Fig. 220 shield

Note:

- When an oversized clevis is used, a pipe spacer should be placed over the cross bolt to assure that the lower U-strap will not move in on the bolt
- When attaching seismic bracing to clevis hangers, a Fig. 1 CBS (cross bolt spacer) must be installed. See Tolco® Seismic Restraint Approval Guidelines
- Approvals: Underwriters' Laboratories Listed in the USA (UL), Canada (cUL) 3/4" thru 8". Conforms to Federal Specification WW-H-171E, Type 1, and Manufacturers Standardization Society SP-69, Type 1. Also available to accommodate rod schedule per National Fire Protection Association (NFPA) Pamphlet 13.
- Maximum Temperature: 650° F
- Finish: Plain

Note:

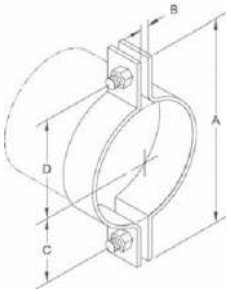
- Available in Electro-Galvanized and HDG finish or Stainless Steel

Item #	Pipe Size (in.)	Rod Size A (in.) STD	Rod Size (in.) NFPA	B (in.)	C (in.)	D (in.)	Max Rec. Load (lbs.)	Approx. Wt./100 (Lbs.)
TOL1-1/2	½	⅜	2 1/16	1 3/16	1	610	36	
TOL1-3/4	¾	⅜	2⅞	1⅞	1	610	38	
TOL1-1	1	⅜	3¼	2 1/16	1	610	42	
TOL1-1-1/4	1¼	⅜	3 9/16	2¼	1	610	46	
TOL1-1-1/2	1½	⅜	3⅞	2⅜	1	610	49	
TOL1-2	2	⅜	4 7/16	2¾	1	610	55	
TOL1-2-1/2	2½	½	⅜	5 5/16	3¼	1	1,130	124
TOL1-3	3	½	⅜	5 15/16	3½	1¼	1,130	140
TOL1-3-1/2	3½	½	⅜	6 7/16	3¾	1¼	1,130	152
TOL1-4	4	⅝	⅜	7⅜	4¼	1½	1,430	190
TOL1-5	5	⅝	½	8 15/16	5¼	1½	1,430	235
TOL1-6	6	¾	½	9 13/16	5½	1½	1,940	317
TOL1-8	8	¾	½	12 9/16	7⅛	2	2,000	428
TOL1-10	10	⅞	⅝	16¼	9⅝	3¼	3,600	918
TOL1-12	12	⅞	⅝	18 9/16	10 13/16	3⅛	3,800	1,086
TOL1-14	14	1	-	20¾	12⅜	4	4,200	1,267
TOL1-16	16	1	-	22⅞	13 3/16	3¾	4600	1930
TOL1-18	18	1	-	25¾	15 9/32	4 7/16	4800	2264
TOL1-20	20	1¼	-	28 13/16	17 1/16	5 3/16	4800	3531
TOL1-24	24	1¼	-	32⅛	18¼	4 7/16	4800	4431
TOL1-30	30	1¼	-	38⅞	21⅞	5	6000	6940
TOL1-36	36	1½	-	48	27¾	5¾	9500	18103

TOLCO

Fig. 4

Standard Pipe Clamp



- Size Range: Size 1/2” thru 30” pipe
- Material: Carbon Steel
- Function: Recommended for the suspension of non-insulated pipe or insulated pipe with Fig. 220 shields. (Use Fig. 330 Weldless Eye Nut, Fig. 102 Eye Rod of Fig. 101 Welded Eye Rod.) Also recommended for attachment of sway bracing up to 3-1/2” pipe size, for larger pipe sizes use Fig. 4A. Fig. 4F and Fig 4PVC are designed to reduce noise and vibration and/or prevent electrolysis
- Approvals: Underwriters’ Laboratories Listed in the USA (UL), Canada (cUL) 1/2” - 8”, and approved by Factory Mutual Engineering, 3/4” - 8”. Federal Specification WW-H-171E, Type 4, 1-1/2” - 24” and Manufacturers Standardization Society SP-69, Type 4.

Note:

- When the Fig. 4 is used as a sway brace, to ensure performance, the UL listing requires that it must be used with other Tolco® brace products
- Maximum Temperature: 750° F
- Finish: Plain

Note: Available in Electro-Galvanized and HDG finish or Stainless Steel materials

- Order By: Figure number, pipe size and finish

Order Note:

- Use Fig. 4F for felt lined clamp
- When ordering Fig. 4F allow for 3/16” felt on each half of clamp
- Use Fig. 4PVC for PVC Coated clamp

Item #	Pipe Size (in.)	A (in.)	B (in.)	C (in.)	D (in.)	Bolt Size (in.)	Max Design Load (lbs.) For Service Temp. 650°	Max Design Load (lbs.) For Service Temp. 750°	Approx. Wt./100 (Lbs.)
TOL4-1/2	½	3 7/16	¼	1⅛	5/16	500	445	29	
TOL4-3/4	¾	3 9/16	¼	1¼	5/16	500	445	31	
TOL4-1	1	3 9/16	¼	1¼	1 5/16	5/16	500	445	35
TOL4-1-1/4	1¼	4 3/16	⅜	1⅜	1 11/16	5/16	500	445	40
TOL4-1-1/2	1½	4 9/16	⅜	1⅝	1⅞	5/16	800	715	42
TOL4-2	2	5 9/16	⅜	2	2¼	⅜	1,040	930	93
TOL4-2-1/2	2½	6 7/16	⅜	2½	2¾	½	1,040	930	126
TOL4-3	3	7	⅜	2¾	3 1/16	½	1,040	930	141
TOL4-3-1/2	3½	7 11/16	⅜	3⅛	3⅜	½	1,040	930	154
TOL4-4	4	8½	⅝	3 5/16	3 11/16	½	1,040	930	229
TOL4-5	5	9¾	¾	3⅞	4⅜	⅝	1,040	930	261
TOL4-6	6	11⅝	¾	4⅞	5⅛	¾	1,615	1,440	537
TOL4-8	8	13 5/16	1	5⅝	6	¾	1,615	1,440	625
TOL4-10	10	16½	1	7¼	⅞	2,490	2,220	1,378	
TOL4-12	12	18½	1	8¼	⅞	2,490	2,220	1,574	
TOL4-14	14	20	1⅛	9	⅞	2,490	2,220	2,103	
TOL4-16	16	23	1⅛	10¼	⅞	2,490	2,220	2,314	
TOL4-18	18	25⅞	1¼	11½	1	3,060	2,730	3,276	
TOL4-20	20	28	1⅜	12½	1⅛	3,060	2,730	3,863	
TOL4-24	24	33½	1⅝	15¼	1¼	3,060	2,730	5,222	
TOL4-30	30	41⅞	2	19	1¾	3,500	3,360	10,511	

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Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

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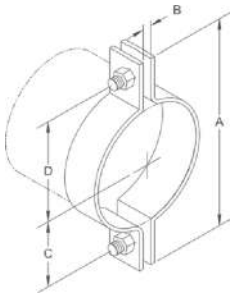
Fig. 4A

Pipe Clamp For Sway Bracing



- Size Range: 4” thru 8” pipe. For Smaller than 4” use Tolco® Fig. 4
- Material: Carbon Steel
- Function: For bracing pipe against sway and seismic disturbance
- Approvals: Underwriters’ Laboratories Listed in the USA (UL) and Canada (cUL) 4” thru 8”. Included in our Seismic Restraints Catalog approved by the State Of California Office of Statewide Health Planning and Development (OSHPD)
- Installation Instructions: The Fig. 4A is the “braced pipe” attachment component of a longitudinal, lateral or riser brace assembly. It is intended to be combined with the “bracing pipe” and Tolco® transitional and structural attachment component(s) to form a complete bracing assembly. NFPA 13 and/or OSHPD guidelines should be followed
- To Install: place the Fig. 4A over the pipe to be braced. Attach Tolco® transitional fittting, either Fig. 980, 910, 0r 909, to the clamp ears. Tighten bolts and nuts; torque requirement is a minimum of 50 ft. lbs. Transitional fitting attachment can pivot for adjustment to proper brace angle.
- Finish: Plain

Note:

- Available in Electro-Galvanized and HDG finish or Stainless Steel
- Order By: Figure number, pipe size and finish

Item #	Pipe Sizes (In.)	A (in.)	B (in.)	C (in.)	D (in.)	Bolt Size (in.)	Max. Horizontal Design Load (lbs.)	Approx. Wt./100 (Lbs.)
TOL4A-4	4	8½	9/16	3⅜	3 11/16	½	2,015	221
TOL4A-5	5	9¾	9/16	3⅞	4⅜	½	2,015	253
TOL4A-6	6	11½	⅝	5	5⅛	½	2,015	513
TOL4A-8	8	13¼	¾	6 1/16	6⅛	½	2,015	601

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Fig. 329

Adjustable Beam Clamp

- Maximum Recommended Load: 1,290 lbs.
- Material: Malleable Iron
- Function: For attachment to beam flanges under normal service conditions where the flange thickness does not exceed 0.60” and where beam widths are from 2-3/8” min. to 7” max
- Approvals: Complies with Federal Specification WW-H-171E, Type 30 and Manufacturers Standardization Society SP-69, Type 30, when used with Fig. 333 Extension Piece
- Finish: Plain

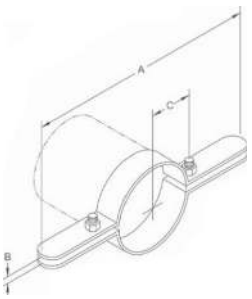
Note: Available in Electro-Galvanized and HDG finish

Item #	A Min. (in.)	A Max (in.)	Bolt Size (in.)	Max. Rec. Load (lbs.)	Approx. Wt./100 (lbs.)
TOL-329	1⅞	3½	7/16	1,290	221

TOLCO

Fig. 6, Fig 6F, Fig 6PVC

Riser Clamps



- Size Range : (Fig. 6) 1/2" thru 20" pipe, (Fig. 6F) 1/2" thru 2-1/2" copper tubing, (Fig. 6PVC) 1/2" thru 6" pipe
- Material: Carbon Steel
- Insulation Material: (Fig. 6F) 3/16" felt
- Function: Used for supporting vertical piping
- Approvals: Underwriters' Laboratories Listed in the USA (UL), Canada (cUL) 1/2" - 8". Factory Mutual Engineering Approved, 3/4" thru 8". Conforms to Federal Specification WW-H-171E, Type 8, 3/4" thru 20" and Manufacturers Standardization Society SP-69, Type 8
- Maximum Temperature: 650°F
- Finish: Plain

Note:

- Available in Electro-Galvanized and HDG finish or Stainless Steel materials
- Order By: Figure number, pipe size and finish

Item #	Pipe Size (in.)	A (in.)	B (in.)	C (in.)	Bolt Size (in.)	Max. Rec. Load (lbs.)
Figure 6						
TOL6-1/2	½	9¼	½	1⅛	⅜	255
TOL6-3/4	¾	9¼	½	1⅛	⅜	255
TOL6-1	1	9 9/16	½	1¼	⅜	255
TOL6-1-1/4	1¼	9 11/16	½	1⅜	⅜	255
TOL6-1-1/2	1½	10⅜	½	1½	⅜	255
TOL6-2	2	10¾	½	2	⅜	255
TOL6-2-1/2	2½	11	⅝	2¼	⅜	390
TOL6-3	3	12	⅝	3	⅜	530
TOL6-3-1/2	3½	13	⅝	3¼	½	670
TOL6-4	4	13½	¾	3⅜	½	810
TOL6-5	5	14½	¾	4⅜	½	1,160
TOL6-6	6	15⅛	⅞	4⅞	½	1,570
TOL6-8	8	18½	1	5¾	⅝	2,500
TOL6-10	10	20¼	1	7¼	⅝	2,500
TOL6-12	12	22¾	1	8¼	⅝	2,700
TOL6-14	14	24	1⅛	9	⅝	2,700
TOL6-16	16	26	1⅛	10¼	¾	2,900
TOL6-18	18	28	1¼	11½	¾	2,900
TOL6-20	20	30	1⅜	12½	¾	2,900
Figure 6F						
TOL6F-1/2	½	9¼	½	1⅛	⅜	255
TOL6F-3/4	¾	9¼	½	1⅛	⅜	255
TOL6F-1	1	9 9/16	½	1¼	⅜	255
TOL6F-1-1/4	1¼	9 11/16	½	1⅜	⅜	255
TOL6F-1-1/2	1½	10⅜	½	1½	⅜	255
TOL6F-2	2	10¾	½	2	⅜	255
TOL6F-2-1/2	2½	11	⅝	2¼	⅜	390
Figure 6PVC						
TOL6PVC-1/2	½	9¼	½	1⅛	⅜	255
TOL6PVC-3/4	¾	9¼	½	1⅛	⅜	255
TOL6PVC-1	1	9 9/16	½	1¼	⅜	255
TOL6PVC-1-1/4	1¼	9 11/16	½	1⅜	⅜	255
TOL6PVC-1-1/2	1½	10⅜	½	1½	⅜	255
TOL6PVC-2	2	10¾	½	2	⅜	255
TOL6PVC-2-1/2	2½	11	⅝	2¼	⅜	390
TOL6PVC-3	3	12	⅝	3	⅜	530
TOL6PVC-3-1/2	3½	13	⅝	3¼	½	670
TOL6PVC-4	4	13½	¾	3⅜	½	810
TOL6PVC-5	5	14½	¾	4⅜	½	1,160
TOL6PVC-6	6	15⅛	⅞	4⅞	½	1,570

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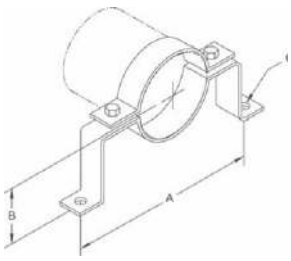
Fig. 7

Offset Pipe Clamp



- Size Range: 1/2: thru 12" pipe
- Material: Carbon Steel
- Function: Recommended for support of pipe lines running at a definite distance from the wall or floor of a building or structure
- Maximum Temperature: 650° F
- Finish: Plain

Note:

- Available in ELECTRO-galvanized and HDG finish or Stainless Steel materials
- Special "B" dimensions available on request, consult factory
- Order By: Figure number, pipe size and finish

Item #	Pipe Size (in.)	A (in.)	B (in.)	Hole Size C (in.)	Bolt Size (in.)	Max Rec. Load (lbs.)	Approx. Wt./100 (Lbs.)
TOL7-1/2	½	5 13/16	2 7/16	7/16	3/8	190	107
TOL7-3/4	¾	5 15/16	2½	7/16	3/8	190	109
TOL7-1	1	6¼	2⅝	7/16	3/8	190	116
TOL7-1-1/4	1¼	6 11/16	2¾	7/16	3/8	190	126
TOL7-1-1/2	1½	6 15/16	3	7/16	3/8	190	134
TOL7-2	2	8 5/16	3 3/16	7/16	3/8	420	191
TOL7-2-1/2	2½	8⅞	3 7/16	7/16	3/8	420	209
TOL7-3	3	9½	3¾	7/16	3/8	420	232
TOL7-3-1/2	3½	10 1/16	4	7/16	3/8	420	250
TOL7-4	4	10 9/16	4¼	9/16	½	610	370
TOL7-6	6	14⅜	5 5/16	9/16	½	870	650
TOL7-8	8	16 7/16	6 5/16	9/16	½	870	787
TOL7-10	10	21½	7⅜	13/16	¾	925	1,238
TOL7-12	12	24⅞	8⅜	13/16	¾	1,225	2,100

Need other pipe clamps, clevis hangers, and pipe supports?

Call for a full-line catalog and all available specifications.

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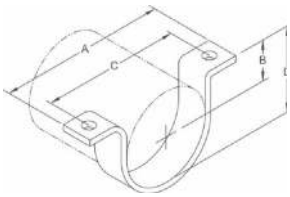
Fig. 20

Standard Pipe Strap



- Size Range: 1/2” thru 8” pipe
- Function: Recommended for supporting pipe with fittings vertically or horizontally to walls or ceiling. Fig 29S will support pipe flush with mounting surface
- Approvals: Conforms to Federal Specification WW-H-171E, Type 26 and Manufacturers Standardization Society SP-69, Type 26
- Order By: Figure number, pipe size, material and finish
- Optional: Fig. 20S, Flush Mount Pipe Strap

Item #	Pipe Sizes (In.)	A (in.)	B (in.)	C (in.)	D (in.)	Hole Size (in.)	Max. Rec. Load (lbs.)	Approx. Wt./100 (Lbs.)
TOL20-1/2	½	3⅞	¾	3 1⁄16	15/32	7⁄16	410	16
TOL20-3/4	¾	4	13⁄16	3⅛	1 5⁄16	7⁄16	410	21
TOL20-1	1	4 9⁄16	⅞	3⅜	1½	7⁄16	410	26
TOL20-1-1/4	1¼	4 15⁄16	1	3¾	1⅞	7⁄16	410	30
TOL20-1-1/2	1½	5 3⁄16	1 3⁄16	4¼	2⅛	7⁄16	410	33
TOL20-2	2	5¾	1 7⁄16	4¾	2⅝	7⁄16	410	38
TOL20-2-1/2	2½	6¼	1 11⁄16	5¼	3⅛	7⁄16	610	102
TOL20-3	3	6⅞	2	5⅞	3¾	7⁄16	610	118
TOL20-3-1/2	3½	7⅜	2¼	6⅜	4¼	7⁄16	610	130
TOL20-4	4	8⅜	2½	7	4¾	9⁄16	725	159
TOL20-5	5	9[7/]16	3 1⁄16	7⅞	5 13⁄16	9⁄16	725	191
TOL20-6	6	10½	3⅝	8⅞	6⅞	9⁄16	725	234
TOL20-8	8	14	4⅝	11½	9	11⁄16	900	446

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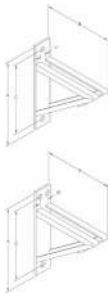
Fig. 30L, 30M, 30H

Welded Bracket



- Max. recommended Load: (Fig. 30L) 750 lbs., (Fig30M) 1500 lbs., (Fig.30 H) 3000 lbs.
- Function: Recommended for supporting pipe on top or hanging through support bracket outward from mounting surface
- Approvals: Conforms with the following Federal Specification WW-H-171E and Manufacturers Standardization Society Types; 30L - WW-H-171E Type 32 and MSS SP-69 Type 31, 30M- WW-H-171E, Type 33 and MSS SP-69 Type 32, 30H-WW--171E, Type 34 and MSS SP-69 Type 33

Item #	Sizes	A (in.)	B (in.)	C (in.)	D (in.)	Hole Size (in.)	Max. Rec. Load (lbs.)	Approx. Wt./100 (Lbs.)
Fig. 30L								
TOL30L-1	1	13	9	11½	*	9⁄16	750	571
TOL30L-2	2	17	13	15½	*	9⁄16	750	769
TOL30L-3	3	23	19	21½	*	9/16]	750	1,057
Fig. 30M								
TOL30M-0	0	18	12	15½	*	13⁄16	1,500	1,577
TOL30M-1	1	24	18	21½	*	13⁄16	1,500	2,578
TOL30M-2	2	30	24	27½	*	13⁄16	1,500	4,446
Fig. 30H								
TOL30H-1	1	18	12	15¼	*	1⅛	3,000	2,195
TOL30H-2	2	24	18	21¼	2½	1⅛	3,000	4,398
TOL30H-3	3	30	24	27¼	2½	1⅛	3,000	6,294
TOL30H-4	4	36	30	33	2½	1⅛	3,000	7,196
TOL30H-5	5	42	36	39	3½	1⅛	3,000	13,197
TOL3HH-6	6	50	42	46	3½	1⅛	3,000	15,795

**** Only One Hole***

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Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

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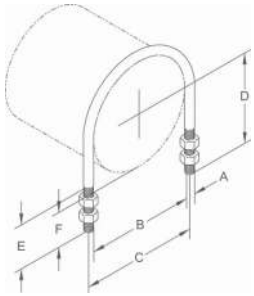
Fig. 110



Standard U-Bolt with 4 Hex Nuts

- Size Range: Size 1/2” thru 36” pipe
- Material: Carbon Steel
- Function: Recommended for support, anchor or guide of pipe
- Approvals: Conform to Federal Specification WW-H-171E, Type 24 an Manufacturers Standardization Society SP-69 Type 24
- Maximum Temperature 750° F
- Finish Plain

Note:

- Available in Electro-Galvanized and HDG finish or Stainless Steel materials
- Order By: Figure number, pipe size and finish

Note:

- When furnished in Hot-Dip Galvanized finish, oversize tapped hex nuts must be used

Item #	Rod Size A (in.)	Pipe Size (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	Max. Rec. Load (lbs.) for Service Temp. 650° F	Max. Rec. Load (lbs.) for Service Temp. 750° F
TOL110-1/4-1/2	1/4	1/2	15/16	1 3/16	2 3/4	2 1/8	2 5/16	485	435
TOL110-1/4-3/4	1/4	3/4	1 1/8	1 3/8	2 3/4	2 1/8	2 7/32	485	435
TOL110-1/4-1	1/4	1	1 3/8	1 5/8	2 3/4	2 1/8	2 3/32	485	738
TOL110-3/8-1-1/4	3/8	1 1/4	1 11/16	2 1/16	2 7/8	2 1/8	2 1/32	1,220	1,090
TOL110-3/8-1-1/2	3/8	1 1/2	2	2 3/8	3	2 1/2	2 1/16	1,200	1,090
TOL110-3/8-2	3/8	2	2 7/16	2 13/16	3 1/4	2 1/2	2 1/16	1,220	1,090
TOL110-1/2-2-1/2	1/2	2 1/2	2 15/16	3 7/16	3 3/4	3	2 5/16	2,260	2,020
TOL110-1/2-3	1/2	3	3 9/16	4 1/16	4	3	2 1/4	2,260	2,020
TOL110-1/2-3-1/2	1/2	3 1/2	4 1/16	4 9/16	4 1/4	3	2 1/4	2,260	2,020
TOL110-1/2-4	1/2	4	4 9/16	5 1/16	4 1/2	3	2 1/4	2,260	2,020
TOL110-1/2-5	1/2	5	5 5/8	6 1/8	5	3	2 7/32	2,260	2,020
TOL110-5/8-6	5/8	6	6 3/4	7 3/8	6 1/8	3 3/4	2 13/16	3,620	3,260
TOL110-5/8-8	5/8	8	8 3/4	9 3/8	7 1/8	3 3/4	2 13/16	3,620	3,230
TOL110-3/4-10	3/4	10	10 7/8	11 5/8	8 3/8	4	3	5,420	4,830
TOL110-7/8-12	7/8	12	12 7/8	13 3/4	9 5/8	4 1/4	3 1/4	7,540	6,730
TOL110-7/8-14	7/8	14	14 1/8	15	10 1/4	4 1/4	3 1/4	7,540	6,730
TOL110-7/8-16	7/8	16	16 1/8	17	11 1/4	4 1/4	3 1/4	7,540	6,730
TOL110-1-18	1	18	18 1/8	19 1/8	12 5/8	4 3/4	3 5/8	9,920	8,850
TOL110-1-20	1	20	20 1/8	21 1/8	13 5/8	4 3/4	3 5/8	9,920	8,850
TOL110-1-24	1	24	24 1/8	25 1/8	15 5/8	4 3/4	3 5/8	9,920	8,850
TOL110-1-30	1	30	30 1/8	31 1/8	18 5/8	4 3/4	3 5/8	9,920	8,850
TOL110-1-36	1	36	36 1/8	37 1/8	21 5/8	4 3/4	3 5/8	9,920	8,850

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Fig. 304

Weld Beam Attachment

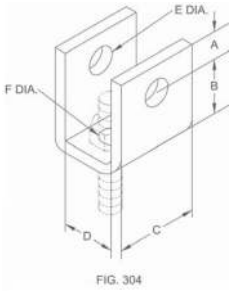


FIG. 304

- Size Range: 3/8" thru 3-1/2" rod
- Material: Carbon Steel
- Function: Designed for attaching hanger rod to bottom of steel structures. Can be used in an upright (Fig. 304) or inverted position (Fig. 305). When using Fig. 305, attach hanger rod to bolt or pin with a Fig. 330 Weldless Eye Nut or Fig. 101 and Fig. 102 series Eyerods
- Approvals: Conforms to Federal Specification WW-H-171E, Type 22 and Manufacturers Standardization Society SP-69, Type 22
- Finish: Plain

Note: Available in Electro-Galvanized and HDG finish or Stainless Steel materials

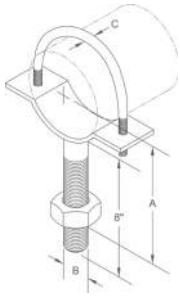
- Order By: Figure number, rod size and finish

Item #	Rod Size (in.)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	Bolt Size (in.)	Max. Rec. Load (lbs.) 650°F/ 750°F	Approx. Wt. per 100 (Lbs.)
TOL304-3/8	3/8	7/8	2	1 1/4	9/16	7/16	1/2x2 1/2	610/510	86	
TOL304-1/2	1/2	7/8	2	1 1/4	11/16	9/16	5/8x2 1/2	1,130/940	83	
TOL304-5/8	5/8	1	2	1 1/4	13/16	11/16	3/4x2 3/4	1,810/1,510	84	
TOL304-3/4	3/4	1 1/8	2	2 1/2	1 1/2	15/16	13/16	7/8x3	2710/2260	174
TOL304-7/8	7/8	1 1/4	3	2 1/2	2	1 1/8	15/16	1x4	3,770/3,150	232
TOL304-1	1	1 1/2	3	2	1 1/4	1 1/8	1 1/8x4 1/2	4,960/4,150	394	
TOL304-1-1/4	1 1/4	2	3	4	2 1/2	1 5/8	1 3/8	1 1/2x5 3/4	8,000/6,660	738
TOL304-1-1/2	1 1/2	2 1/2	4	5	3	1 7/8	1 5/8	1 3/4x6 1/2	11,630/ 9,700	1,449
TOL304-1-3/4	1 3/4	2 3/4	5	3 3/4	2 1/8	1 7/8	2x7 3/4	15,700/ 14,000	1,747	
TOL304-2	2	3 1/4	5	6	3 3/4	2 3/8	2 1/8	2 1/4x7 3/4	20,700/ 18,460	2,201
TOL304-2-1/4	2 1/4	3 1/2	6	4 1/2	2 5/8	2	2 1/2x7 3/4	27,200/ 24,260	2,523	
TOL304-2-1/2	2 1/2	3 3/4	6	4 1/2	2 7/8	2 3/8	2 3/4x8	33,500/ 29,880	2,552	
TOL304-2-3/4	2 3/4	4	5 3/4	6	3 3/4	3 1/8	-	3x7 5/8	41,580/ 37,066	2,675
TOL304-3	3	4	6 1/4	7	3 3/4	3 3/8	-	3 1/4x7 5/8	50,580/ 45,085	3,250
TOL304-3-1/4	3 1/4	4 1/2	7	4 1/4	3 5/8	-	3 1/2x8 1/2	60,480/ 53,906	4,500	
TOL304-3-1/2	3 1/2	4 1/2	7 1/2	8	4 1/4	3 7/8	-	3 3/4x8 1/2	71,280x63, 493	5,320

TOLCO

Fig. 313

Adjustable Pipe Support with U-Bolt



- Size Range: Size 2" thru 12" pipe
- Material: Carbon Steel
- Function: Designed to support horizontal pipe from floor stanchion where vertical adjustment is required. U-bolt and hex nuts are provided to hold pipe securely to saddle
- Maximum Temperature: 650°F
- Finish: Plain

Note:

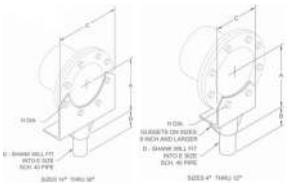
- Available in Electro-Galvanized and HDG finish or Stainless Steel materials
- Order By: Figure number, pipe size and finish

Item #	Pipe Size (in.)	Max. O.D. Pipe (in.)	A Min. (in.)	A Max (in.)	B (in.)	C (in.)	Use With Fig. 316 Stand Pipe Size
TOL313-2	2	2⅜	2¾	6	⅞	⅜	1
TOL313-2-1/2	2½	2⅞	3¼	6½	⅞	⅜	1
TOL313-3	3	4	3½	6¾	⅞	½	1
TOL313-3-1/2	3½	4	3½	6¾	⅞	½	1
TOL313-4	4	4⅞	4¼	7½	1	½	1
TOL313-5	5	5⅝	4½	7¾	1	½	1
TOL313-6	6	7	5⅝	8⅜	1¼	⅝	1¼
TOL313-8	8	9⅛	6¾	9½	1¼	⅝	1¼
TOL313-10	10	11⅛	8	10	1¼	¾	1¼
TOL313-12	12	13½	9¼	11¼	1¼	⅞	1¼

TOLCO

Fig. 314

Flange Support



- Size Range: Size 4” thru 36” pipe
- Material: Carbon Steel
- Function: Designed to support 125 lb. cast iron and 150 lb. forged steel flanged connections. (Consult factory for other flanged bolt patterns). To complete floor stanchion, use Fig. 316 Stand Pipe. For complete floor stanchion with vertical adjustment, use Fig. 319 Threaded Pipe with Adjuster and Fig. 316T Threaded Pipe Stand
- Approvals: Conforms to Federal Specification WW-H-171E, Type 38, 4” thru 36” and Manufacturers Standardization Society SP-69, Type 37
- Maximum Temperature: 750°F
- Finish: Plain

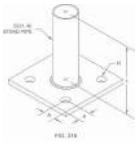
Note:

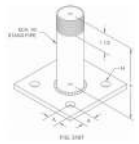
- Available in Electro-Galvanized and HDG finish or Stainless Steel materials
- Order By: Figure number, pipe size and finish

Item #	Pipe Size (in.)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	H (in.)
TOL314-4	4	6⅞	2	6⅜	2⅜	2½	¾
TOL314-5	5	7⅜	2	7 1⁄16	2⅜	2½	⅞
TOL314-6	6	7⅞	2	7¾	2⅜	2½	⅞
TOL314-8	8	10⅛	2	9 9⁄16	2⅜	2½	⅞
TOL314-10	10	11⅜	2	8	2⅜	2½	1
TOL314-12	12	12⅞	3	9½	2⅜	2½	1
TOL314-14	14	15	3	18 3⁄16	2⅞	3	1⅛
TOL314-16	16	16¼	3	16⅝	2⅞	3	1⅛
TOL314-18	18	4	17 11⁄16	3¾	4	1¼	
TOL314-20	20	19¼	4	15¾	3¾	4	1¼
TOL314-22	22	20¼	4	16 5⁄16	3¾	4	1⅜
TOL314-24	24	22½	4	18⅜	3¾	4	1⅜
TOL314-26	26	23⅝	4	17⅛	3¾	4	1⅜
TOL314-30	30	25⅞	4	16⅜	3¾	4	1⅜
TOL314-32	32	27⅜	4	17⅝	3¾	4	1⅝
TOL314-36	36	29½	4	17½	3¾	4	1⅝

TOLCO

Fig. 316, Fig. 316T





Stand Pipe and Threaded Stand Pipe

- Size Range: 1" thru 8" pipe
- Material: Carbon Steel
- Function: Fig. 316 provides the support base for a floor stanchion support. Use with Fig. 311, Fig. 312, Fig. 313, Fig. 314, Fig. 315, Fig. 317 or Fig. 318. Fig. 316T provides a threaded support base for a floor stanchion support where vertical adjustment is required. Use with Fig. 317A or Fig. 318A or Fig. 319 and use with Fig. 311 thru Fig. 318
- Finish: Plain

Note:

- Available in Electro-Galvanized and HDG finish or Stainless Steel materials
- Order By: Figure number, pipe size, “L” dimension and finish

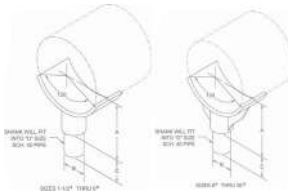
Item #	Stand Pipe Size (in.)	A (in.)	H (in.)	Plate Size (sq. in.)
Figure 316				
TOL316-1	1	½	6	
TOL316-1-1/4	1¼	1	½	6
TOL316-1-1/2	1½	1	½	6
TOL316-2	2	1	½	6
TOL316-2-1/2	2½	1⅛	⅝	7½
TOL316-3	3	1⅛	⅝	9
TOL316-4	4	1¼	¾	11
TOL316-6	6	1½	⅞	13½
TOL316-8	8	1½	1	16
Figure 316T				
TOL316T-1	1	½	6	
TOL316T-1-1/4	1¼	1	½	6
TOL316T-1-1/2	1½	1	½	6
TOL316T-2	2	1	½	6
TOL316T-2-1/2	2½	1⅛	⅝	7½
TOL316T-3	3	1⅛	⅝	9
TOL316T-4	4	1¼	¾	11
TOL316T-6	6	1½	⅞	13½
TOL316T-8	8	1½	1	16

Edge rents and repairs all sorts of equipment.

TOLCO

Fig. 317

Pipe Saddle



- Size Range: 1-1⁄2" thru 36" pipe
- Material: Carbon Steel
- Function: Designed to support horizontal pipe from floor stanchion. To complete floor stanchion, use with Fig. 316 Stand Pipe. For complete floor stanchion with vertical adjustment, use Fig. 319 Threaded Pipe with Adjuster and Fig. 316T Threaded Stand Pipe
- Approvals: Conforms to Federal Specification WW-H-171E, Type 37, 4" thru 36", and Manufacturers Standardization Society SP-69, Type 36
- Maximum Temperature: 750°F
- Finish: Plain

Note:

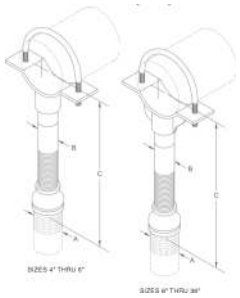
- Available in Electro-Galvanized and HDG finish or Stainless Steel materials
- Order By: Figure number, pipe size and finish

Item #	Pipe Size (in.)	Max. O.D. Pipe (in.)	A (in.)	B (in.)	C (in.)	D (in.)
TOL317-1-1/2	1½	2	2¼	1	2	1
TOL317-2	2	2⅜	2⁷⁄₁₆	1	2	1
TOL317-2-1/2	2½	2⅞	2¹¹⁄₁₆	1½	2	1½
TOL317-3	3	3½	3	1½	2	1½
TOL317-3-1/2	3½	4	3¼	1½	2	1½
TOL317-4	4	4⅞	3¹³⁄₁₆	2⅜	3	2½
TOL317-5	5	5⅝	4³⁄₁₆	2⅜	3	2½
TOL317-6	6	7	4⅞	2⅜	3	2½
TOL317-8	8	9⅛	6¹⁵⁄₁₆	2⅜	4	2½
TOL317-10	10	11⅛	7¹⁵⁄₁₆	2⅜	4	2½
TOL317-12	12	13½	9⅛	2⅜	4	2½
TOL317-14	14	10½	2⅞	4	3	
TOL317-16	16	11½	2⅞	4	3	
TOL317-18	18	13½	3¾	4		
TOL317-20	20	14½	3¾	4		
TOL317-22	22	15½	3¾	4		
TOL317-24	24	17½	3¾	4		
TOL317-26	26	18½	3¾	4		
TOL317-30	30	20⅝	3¾	4		
TOL317-32	32	21⅝	3¾	4		
TOL317-36	36	23⅝	3¾	4		

Call for help with your submittals.

TOLCO

Fig. 318A



Pipe Saddle with U-Bolt and Threaded Pipe Adjuster

- Size Range: 4” thru 36” pipe
- Material: Carbon Steel with cast iron reducer
- Function: Designed to support horizontal pipe from floor stanchion where vertical adjustment is required. U-bolt and hex nuts are provided to hold pipe securely to saddle. To complete floor stanchion, use with Fig. 316T Threaded Pipe Stand
- Approvals: Conforms to Federal Specification WW-H-171E, Type 38, 4” thru 36”, and Manufacturers Standardization Society SP-69, Type 37
- Finish: Plain

Note:

- Available in Electro-Galvanized and HDG finish or Stainless Steel materials
- Order By: Figure number, pipe size, adjuster size and finish

Note:

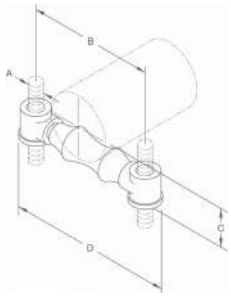
- Order with Tolco® Fig. 316T for complete stanchion support

Item #	Pipe Size (in.)	A Stand Pipe Size (in.)	B Adj. Pipe Size (in.)	C Min. (in.)	C Max. (in.)	Approx. Wt./100 (Lbs.)
TOL318A-4	4	3	2½	10¼	14¾	1,413
TOL318A-5	5	3	2½	11 1⁄16	15 9⁄16	1,453
TOL318A-6	6	3	2½	11 9⁄16	16 1⁄16	1,628
TOL318A-8	8	3	2½	13 9⁄16	18 1⁄16	1,913
TOL318A-10	10	3	2½	14⅝	19⅛	2,193
TOL318A-12	12	3	2½	15⅝	20⅛	2,593
TOL318A-14	14	4	3	18⅞	23⅜	4,150
TOL318A-16	16	4	3	19⅞	24⅜	4,445
TOL318A-18	18	6	4	22¼	26¾	4,468
TOL318A-20	20	6	4	23¼	27¾	6,557
TOL318A-22	22	6	4	24¼	28¾	6,908
TOL318A-24	24	6	4	26½	31	7,436
TOL318A-26	26	6	4	27½	32	7,768
TOL318A-30	30	6	4	29⅝	34⅛	9,196
TOL318A-32	32	6	4	30⅝	35⅛	9,575
TOL318A-36	36	6	4	32⅝	37⅛	10,294

Make sure to specify pipe type, size, and height above floor.

TOLCO

Fig. 322



Pipe Roll with Sockets

- Size Range: 1” thru 30” pipe
- Material: Cast Iron and carbon steel axle
- Function: For supporting pipe where expansion may occur due to thermal movement. Double rod design provides support for greater loads
- Approvals: Conforms to Federal Specification WW-H-171E, Type 42, 2” thru 24”, and Manufacturers Standardization Society Sp-69, Type 41

Note: When pipe line is insulated, total outside diameter of pipe and covering should be used to determine size of hanger; also see figs. 260-1 to 265-4

- Finish: Plain

Note: Available in Electro-Galvanized and HDG finish

- Order By: Figure number, pipe size and finish

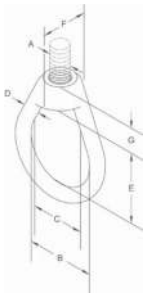
Item #	Pipe Size (in.)	A (in.)	B (in.)*	C (in.)	D (in.)	Max. Rec. Load (lbs.)	Approx. Wt./100 (lbs.)
TOL322-1	1	3/8	3 1/4	1 21/32	4 1/8	600	45
TLL322-1-1/4	1 1/4	3/8	3 3/8	1 13/16	4 1/2	600	48
TOL322-1-1/2	1 1/2	3/8	3 5/8	1 15/16	4 3/4	600	51
TOL322-2	2	3/8	4 1/8	2 1/4	5 7/16	600	58
TOL322-2-1/2	2 1/2	1/2	4 7/8	2 5/8	6 1/4	660	123
TOL322-3	3	1/2	5 1/2	2 7/8	6 7/8	700	133
TOL322-3-1/2	3 1/2	1/2	6	3 1/4	7 3/8	750	146
TOL322-4	4	5/8	6 7/8	3 3/4	8 7/16	750	230
TOL322-5	5	5/8	8 1/4	4 1/4	9 9/16	750	285
TOL322-6	6	3/4	9 5/8	5 1/8	11 9/16	1,070	460
TOL322-8	8	7/8	11 13/16	6 11/32	14	1,350	720
TOL322-10	10	7/8	14	7 9/16	16 3/16	1,730	1,100
TOL322-12	12	7/8	16	8 11/16	18 3/16	2,400	1,630
TOL322-14	14	1	18	9 21/32	20 11/16	3,130	2,150
TOL322-16	16	1 1/4	20 1/4	10 3/4	23	3,970	2,850
TOL322-18	18	1 1/4	22 1/2	11 25/32	25 1/4	4,200	3,650
TOL322-20	20	1 1/4	25	12 15/16	26 1/4	4,550	4,650
TOL322-24	24	1 1/2	28 5/8	16 13/32	31 7/8	6,160	6,200
TOL322-30	30	1 1/2	34 1/2	19 3/4	39 5/8	7,290	12,500

**** Due to the inconsistent dimensions associated with cast parts, please contact the factory if the “B” dimension is critical for installation***

TOLCO

Fig.330

Weldless Steel Eye Nut



- Size Range: 3/8” thru 2-1/2” machine thread
- Material: Forged Steel
- Quality Assurance: Conforms to the requirements of NCA 3800
- Threads: Tapped UNC Class 2B. Right hand threads are standard. Left hand threads supplied upon request
- Function: Used on piping installations where high strength and swivel action are required. Left hand tap is also available
- Approvals: Complies with Federal Specification WW-H-171E, Type 17 and Manufacturers Standardization Society SP-69, Type 17
- Finish: Plain

Note:

- Available in Electro-Galvanized and HDG finish

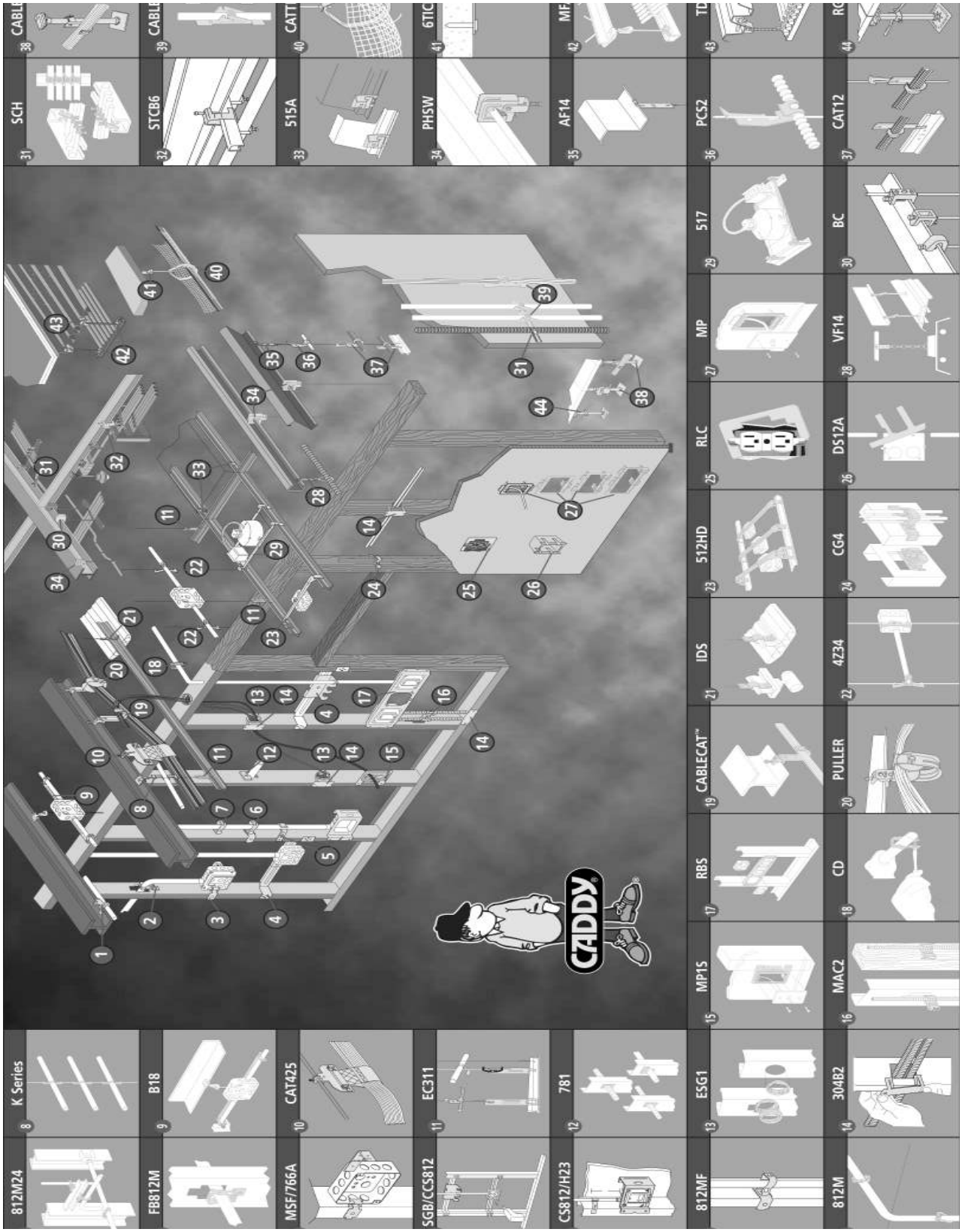
Item #	Rod Size A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	Max. Rec. Load (lbs.) 650°F	Max. Rec. Load (lbs.) 750°F	Approx. Wt./100 (Lbs.)
TOL330-3/8	3/8	1 1/2	1 3/16	1/2	2	1 3/8	1 1/16	610	540	63
TOL330-1/2	1/2	1 1/2	1 3/16	1/2	2	1 3/8	1 1/16	1,130	1,010	60
TOL330-5/8	5/8	1 1/2	1 3/16	1/2	2	1 3/8	1 1/16	1,810	1,610	59
TOL330-3/4	3/4	1 1/2	1 3/16	1/2	2	1 3/8	1 1/16	2,710	2,420	56
TOL330-7/8	7/8	2	1 11/16	3/4	2 5/8	1 15/16	1	3,770	3,360	170
TOL330-1	1	2	1 11/16	3/4	2 5/8	1 15/16	1	4,960	4,420	174
TOL330-1-1/8	1 1/8	2 1/2	1 13/16	1	3 3/8	2 3/8	1 1/4	6,230	5,560	373
TOL330-1-1/4	1 1/4	2 1/2	1 13/16	1	3 3/8	2 3/8	1 1/4	8,000	7,140	364
TOL330-1-1/2	1 1/2	2 1/2	1 13/16	1	3 3/8	2 3/8	1 1/4	11,630	10,370	345
TOL330-1-3/4	1 3/4	4	1 1/2	6 1/4	4	2 1/4	15,700	14,000	1,657	
TOL3330-2	2	4	1 1/2	6 1/4	4	2 1/4	20,700	18,460	1,614	
TOL330-2-1/4	2 1/4	4	1 1/2	6 1/4	4	2 1/4	27,200	24,260	1,562	
TOL330-2-1/2	2 1/2	4	1 1/2	6 1/4	4	2 1/4	33,500	29,880	1,506	

Need other hardware?

Call an Edge sales representative today.

Strut, Hangers, & Fittings

Caddy Fasteners Overview



ERICO

ERICO/ERICO/CADDY

One-Piece Strut Clamps

Item #	Size (in.)	Rigid (in.)	Load (lbs.)	Qty. per Box
CASCH8	½		200	100
CASCH12	¾	½	200	100
CASCH16	1	¾	200	100
CASCH20	1¼	1	200	100
CASCH12B	¾	½	200	100

ERICO/CADDY

Conduit Clips

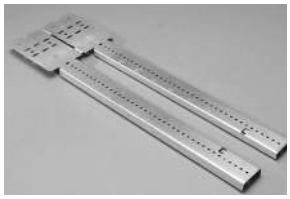
Item #	Conduit Size	Mounting Hole (in.)
CA6M	For 6M 14-2 thru 12-3 MC/AC and ⅜" Flexible Conduit	9⁄32 Plain
CA812M4I	½" to ¾"	¼ - 20 Thread Impression

ERICO/CADDY

Screw Gun Box Brackets

Screw gun box bracket for between studs.

- Can mount 1-1/2" or 2-1/8" deep boxes
- Notched and marked for easy identification and bending
- Requires only a screw gun to install



Item #	Stud Spacing (in.)
CASGB16A	16 OC
CASGB24A	24 OC
Preset	
Adjustable	
CATSGB16	11 to 18
CATSGB24	17 to 26

ERICO/CADDY

Flange Mount Conduit Clips

360° Pivot

- Available with Caddy conduit clip bottom mounted or side mounted
- Available for 3/8" thru 2" EMT, rigid and aluminum conduit
- Requires only hammer and pliers to install
- Will pivot thru 360°

Item #	Desc.	Qty. per Box	Load (lbs.)
CA812M24	½" to ¾" Conduit to ⅛" to ¼" Flanges	100	75
CA16M24	1" Conduit to ⅛" to ¼" Flanges	100	75
CA16M58	1" Conduit to 5⁄16" to ½" Flanges	100	75
CA20M24	1¼" Conduit to ⅛" to ¼" Flanges	100	75
CA812M24SM	½" to ¾" Conduit to ⅛" to ¼" Flanges	100	25
CA16M24SM	1" Conduit to ⅛" to ¼" Flanges	100	25

ERICO/CADDY

Hammer-On Flange Clips

- Locates a "portable" 1/4" hole with just a hammer
- Installs easily regardless of insulation materials on beam flange
- Fits most beams and bulb tees
- Qty. per Box: 100

Item #	Flange Thickness (in.)
CA2H4	3⁄32-9⁄64
CA4H24	⅛-¼
CA4H58	5⁄16-½

ERICO/CADDY

Hammer-On Flange Clips

Item #	Flange Thickness (in.)
CAM24	⅛-¼
CAM58	5⁄16-½
CAM24S	⅛-¼
CAM58S	5⁄16-½

Strut, Hangers, & Fittings

ERICO

ERICO/CADDY

Light Fixture Support Clips

Item #	Desc.
CA515A	Upturned or Straight Lip Fixtures

ERICO/CADDY

Light Fixture Independent Support Clips

Item #	Grid Size (in.)	Stud Length (in.)
CAIDS	15⁄16	5⁄8

ERICO/CADDY

Purlin Clips

Item #	Desc.	Qty. per Box/Kit
CAAF14	1⁄16" to 1⁄4" Z Purlin for Wrap Wire, "S" Hooks, Bolting Straps, WMX6	100

ERICO/CADDY

Purlin Clips

Item #	Desc.
CA1226TI	For 3⁄8" Threaded Rod to Z Purlin

ERICO/CADDY

Combination Box/ Conduit Hangers

- Combination box/conduit hanger from drop wire/rod and beam

Item #	Desc., Mounts 4 in. Sq. Boxes with
CA812MB18	1⁄2" & 3⁄4" Conduit from #12 Wire thru 1⁄4" Rod

ERICO/CADDY

Plain and Threaded Rod Hangers

Hammer-On

- Beam clamps
- Static load limit 200 lbs.
- Qty. per Box: 100

Item #	Flange Thickness (in.)	Rod Size
CA6TI24	1⁄8-1⁄4	3⁄8" Threaded
CA6TI58	5⁄16-1⁄2	3⁄8" Threaded

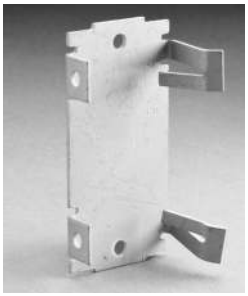
ERICO/CADDY

Protection Plates

Press-On

- Press-on protection plate for woods and metal studs

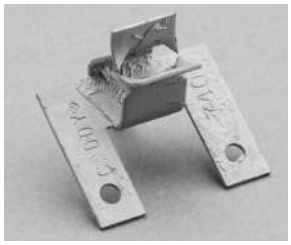
Item #
CA304B2



ERICO/CADDY

Pipe Sleeve Positioners

- Provides secure positioning of pipe sleeve for concrete pouring of wall and floor forms
- Requires only a hammer to install
- Will accommodate schedule #40, #80 and smaller wall thickness
- No load rating - positioning only
- Sleeve Diameter: All diameters, wall thickness: 5/16 in. and under
- Qty. per box: 100



Item #
CA740

ERICO/CADDY

Conduit Supports

Support and Anti-Rattle

- For conduit armored cable
- Supports and anti-rattle
- Supports conduit up to 1 in.

Item #	Qty./Box
CA781	100

ERICO

ERICO/CADDY

Cable/Conduit Supports

- Cable/conduit from drop wire support

Item #	Desc.	Qty./Box
CAPCS2	Conduit/Cable Support from #8 - #12 Drop Wire for ½" and ¾" EMT, MC/ AC up to .900 O.D.	100

ERICO/CADDY

Cable Support Clips

- cULus® Listed and complies with NEC® and TIA requirements for structured cabling systems
- Cost-effective alternative to expensive cable tray
- Galvanized finish on J-hooks provide smoother cable pull and greater corrosion resistance.
- Many sizes and designs available to attach to a variety of structures
- Provides proper support of Category 5e, Category 6a, fiber optic and innerduct
- Diameter Loop

Item #
CACAT32AB

ERICO/CADDY

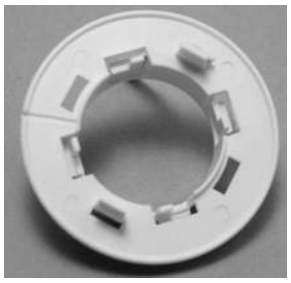
3/4" Pipe Clip

- Bolt Size: 1/4"
- Conduit Size: EMT 3/4 in
- Conduit Size: Rigid 3/4 in
- Finish: Electro-zinc plated
- Rec. Load: 250 lbs
- Third Party Certifications: cUL®, UL®

Item #
CACD1B

ERICO/CADDY

Metal Stud Grommet



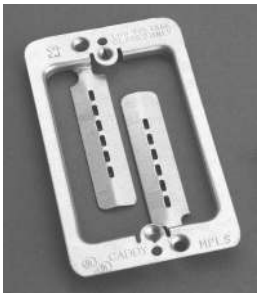
- Snap one grommet into standard 1-11/32" field punched hole, OR snap tight two together into any shape factory punched hole
- Provides 360° protection for cable and makes cable pulls easier
- Delivers compliance with: NEC®Article 300.4(b)(1) and CEC Rule 12-516

Item #
CAESG1

ERICO/CADDY

Mounting Plate Bracket

Single Gang to Drywall

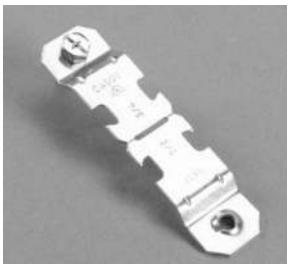


- Eliminates the need for an electrical box when installing low voltage Class 2 wiring
- Install with a drywall saw and screwdriver
- Makes wire "fishing" easier
- Mounts any standard low voltage device in 1/2" through 1 1/4" walls
- Provides positive support with locking screws (included)

Item #
CAMPLS

ERICO/CADDY

One Piece Strut Clamp



- One size fits both EMT conduit and Rigid pipe sizes
- One-piece break apart design includes captive combo head machine screw and built-in nut (thread impression)
- Surface finish: electro zinc plated

Item #	Size (in.)
CASK125I	¾

ERICO/CADDY

Conduit Hangers

Item #	Conduit Size	Desc.
CAK8	½" EMT	#10 and #12 Wire
CAK12	¾" EMT	#10 and #12 Wire
CAK16	1' EMT	#8 and #9 Wire
CAK20	1¼" EMT	#8 and #9 Wire
CAKX	14-2 (.433-.475 O.D.)	#12 Wire

ERICO/CADDY

Strap Hanger Clips

Air Duct Support

- Simple solution for supporting of air duct
- Accepts wider strap widths up to 1-1/4"

Item #	Flange Thickness (in.)
CAMSS24	⅛ to ¼
CAMSS58	5⁄16 to ½
CAMSR24	⅛ to ¼
CAMSR58	5⁄16 to ½

ERICO

ERICO/CADDY

T-Grid Box Hangers

Height Adjustable

Item #	Desc.	Qty. per Box
CA512HD	Heavy-Duty Electrical Box Hanger with Box Mounting Clip - 24" Span	25

ERICO/CADDY

Rod and Wire Hangers

- Qty. per box: 100

Item #	Desc.
CA4TIB	For ¼" Threaded Rod, with Thread Impression
CA6TIB	For ⅜" Threaded Rod, with Thread Impression
CA6TB	For ¼" or ⅜" Threaded Rod, Nuts Required

ERICO/CADDY

Wire Hangers

- AB, AO - Permits wire or chain drops from concrete or wood
- Static Load Limit: 160 lbs.
- Qty. per Box: 100

Item #	Desc.
CAAB	Angle Bracket w/ ¼" Hole

ERICO/CADDY

Wire Hangers

- 6TI - Rod hanger available for 3/8" threaded rod with or without thread impression
- Static Load Limit: 160 lbs.
- Qty. per Box: 100

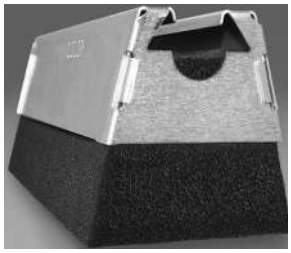
Item #	Desc.
CA6TI	For ⅜" Threaded Rod with Thread Impression

ERICO/CADDY

Rooftop Pipe Support

Caddy®

- Supports up to 50 lb. loads



Item #	Height (in.)	Width (in.)	Desc.
CARPS50H4EG	4	10⅜" x 4" footprint	
CARPS50H6EG	6	5	10⅜" x 4¾"

OREGON WIRE PRODUCTS

Acoustical Ceiling Wire

- 12 gauge acoustical ceiling suspension wires for drop ceilings
- Other gauges available
- Call to specify length
- Call to inquire about other loop or anchor styles

Item #
Ramset SDC125 1-1/4" Pin and Angle
HFPTXXXX
Straightwire
HFSWXXXX

Edge cuts and assembles strut.

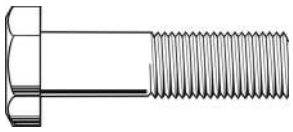
Need it quick? Call Edge today.

General Notes for Hardware

- **Typical grades available are either Grade 2 or A.**
- **Typical finish is zinc plated.**
- **Other material and sizes available -- Edge has stock or can source many other hardware products, sizes, materials, finishes, and grades.**
- **Inquire at Edge about the following options.**
  - **J-bolt, cut studs, specialty nuts, . . .**
  - **Almost any size is available upon request. Diameters range from smaller than 1/4" to larger than 1".**
  - **Materials include carbon steel, stainless steel, fiberglass, and others.**
  - **Finishes include plain, zinc, hot-dip galvanized, . . .**
  - **A variety of grades/specifications are available, including Grade A, Grade 2, Grade 5, Grade 8, . . .**
- **Domestic hardware is available. Even though much of our standard stock is not domestic, Edge can source most every product domestically. Call with your requirements today.**
- **Material certifications are available upon request. These requests must be made prior to ordering product, otherwise they may not be available.**
- **Edge can cut all-thread to specified lengths.**

Hex Bolts

Coarse Thread(NC)



- Inquire about different grades, materials, and finishes

Item #	Desc.	Box Qty.
¼-20 -- NC		
AL10004	¼-20X½	100
AL10006	¼-20X¾	100
AL10008	¼-20X1	100
AL10010	¼-20X1¼	100
AL10012	¼-20X1½	100
AL10016	¼-20X2	100
AL10018	¼-20X2¼	100
AL10020	¼-20X2½	100
AL10024	¼-20X3	100
AL10028	¼-20X3½	100
AL10032	¼-20X4	100
AL10036	¼-20X4½	100
AL10040	¼-20X5	100
AL10044	¼-20X5½	100
AL10048	¼-20X6	100
AL10056	¼-20X7	100
5/16-18--NC		
AL10078	5/16-18X¾	100
AL10080	5/16-18X1	100
AL10082	5/16-18X1-¼	100
AL10084	5/16-18X1-½	100
AL10088	5/16-18X2	100
AL10092	5/16-18X2-½	100
AL10096	5/16-18X3	100
AL10100	5/16-18X3-½	50
AL10104	5/16-18X4	50
AL10108	5/16-18X4-½	50
AL10112	5/16-18X5	50
AL10116	5/16-18X5-½	50
AL10120	5/16-18X6	50
⅜-16--NC		
AL10148	⅜-16X½	100
AL10150	⅜-16X¾	100
AL10152	⅜-16X1	100
AL10154	⅜-16X1¼	100
AL10156	⅜-16X1-½	100
AL10158	⅜-16X1¾	100
AL10160	⅜-16X2	100
AL10162	⅜-16X2¼	50
AL10164	⅜-16X2½	50
AL10168	⅜-16X3	50
AL10172	⅜-16X3½	50
AL10176	⅜-16X4	50
AL10180	⅜-16X4½	50
AL10184	⅜-16X5	50
AL10188	⅜-16X5½	50
AL10192	⅜-16X6	50
½-13--NC		
AL10328	½-13X1	50
AL10330	½-13X1¼	50
AL10332	½-13X1½	50
AL10336	½-13X2	50
AL10340	½-13X2½	50
AL10344	½-13X3	50
AL10348	½-13X3½	25
AL10352	½-13X4	25
AL10356	½-13X4½	25
AL10360	½-13X5	25
AL10364	½-13X5½	25
AL10368	½-13X6	25
AL10372	½-13X6½	25
AL10376	½-13X7	25
AL10380	½-13X7½	25
AL10384	½-13X8	25
AL10392	½-13X9	25
AL10400	½-13X10	25
AL10416	½-13X12	25
⅝-11--NC		
AL10496	⅝-11X1	25
AL10500	⅝-11X1½	25
AL10502	⅝-11X1¾	25
AL10504	⅝-11X2	25
AL10508	⅝-11X2½	25
AL10512	⅝-11X3	25
AL10516	⅝-11X3½	25
AL10520	⅝-11X4	25
AL10524	⅝-11X4½	25
AL10528	⅝-11X5	25
AL10532	⅝-11X5½	25
AL10536	⅝-11X6	25
AL10540	⅝-11X6½	25
AL10544	⅝-11X7	25
AL10552	⅝-11X8	25
AL10556	⅝-11X8½	20
AL10560	⅝-11X9	20
AL10568	⅝-11X10	20
AL10584	⅝-11X12	20
¾-10--NC		
AL10664	¾-10X1	20
AL10670	¾-10X1½	20
AL10674	¾-10X2	20
AL10682	¾-10X3	20
AL10686	¾-10X3½	20
AL10690	¾-10X4	20
AL10694	¾-10X4½	20
AL10698	¾-10X5	20
AL10702	¾-10X5½	20
AL10710	¾-10X6½	20
AL10714	¾-10X7	20
AL10718	¾-10X7½	20
AL10722	¾-10X8	20
AL10730	¾-10X9	20
AL10738	¾-10X10	20
AL10746	¾-10X11	15
AL10754	¾-10X12	15
AL10770	¾-10X14	10
⅞-9--NC		
AL10904	⅞-9X4½	10
AL10908	⅞-9X5	10
AL10916	⅞-9X7	10
AL10924	⅞-9X7	10
1-8--NC		
AL11052	1-8X4	10
AL11060	1-8X5	10
AL11076	1-8X7	10
AL11092	1-8X9	10

Hanger Bolts

Plain Finish

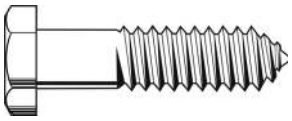
Item #	Desc.	Box Qty.
AL19232	¼-20X2	100
AL19236	¼-20X2½	100
AL19240	¼-20X3	100
AL19302	⅜-16X3	100
AL19306	⅜-16X3½	100

All Thread

- Standard lengths vary-ask our experts
- Inquire about different grades, materials, and finishes
- Let us know if you need to meet a special spec., domestic requirement, or need material certifications
- Ask about studs, custom cut lengths
- ITEMS IN CHART BELOW ARE MOST COMMON ITEMS

Item #	Size	Finish
AT14Z	¼-20	Zinc
AT38B	⅜-16	Black
AT38Z	⅜-16	Zinc
AT38Z-12'	⅜-16x12'	Black
AT12B	½-13	Black
AT12Z	½-13	Zinc
AT12Z-12'	½-13X12'	Zinc
AT58B	⅝-11	Black
AT58HDG	⅝-11	Hot Dip Galv
AT58Z	⅝-11	Zinc
AT34B	¾-10	Black
AT34Z	¾-10	Zinc
AT78HDG	⅞-9	Hot Dip Galv
AT78Z	⅞-9	Zinc
AT1Z	1-8	Zinc

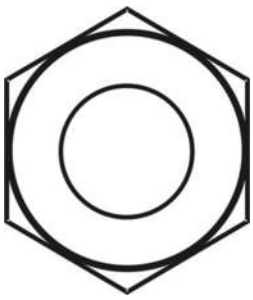
Lag Bolts



- Inquire about different grade, materials, and finishes

Item #	Desc.	Box Qty.
Diameter 1/4		
AL12510	¼X1¼	100
AL12512	¼X1½	100
AL12516	¼X2	100
AL12520	¼X2½	100
AL12524	¼X3	100
AL12528	¼X3½	100
AL12536	¼X4½	100
AL12540	¼X5	100
AL12544	¼X5½	100
Diameter 5/16		
AL12568	⅝X1½	100
AL12572	⅝X2	100
AL12576	⅝X2½	100
AL12588	⅝X4	50
Diameter 3/8		
AL12620	⅜X1	100
AL12622	⅜X1¼	100
AL12624	⅜X1½	100
AL12628	⅜X2	100
AL12632	⅜X2½	50
AL12636	⅜X3	50
AL12640	⅜X3½	50
AL12644	⅜X4	50
AL12648	⅜X4½	50
AL12652	⅜X5	50
AL12656	⅜X5½	50
AL12660	⅜X6	50
Diameter 1/2		
AL12712	½X1½	50
AL12716	½X2	50
AL12720	½X2½	50
AL12724	½X3	50
AL12728	½X3½	25
AL12732	½X4	25
AL12736	½X4½	25
AL12740	½X5	25
AL12744	½X5½	25
AL12748	½X6	25
Diameter 5/8		
AL12828	⅝X3	25
AL12832	⅝X3½	25
AL12836	⅝X4	25
AL12844	⅝X5	25
AL12852	⅝X6	25

Hex Nuts



- Inquire about different grades, materials, and finishes

Item #	Desc.	Box Qty.
AL30004	¼-20	100
AL30005	⅝-18	100
AL30006	⅜-16	100
AL30008	½-13	50
AL30010	⅝-11	25
AL30012	¾-10	20
AL30014	⅞-9	15
AL30016	1-8	10
AL30020	1¼-7	10

Nylon Insert Lock Nuts

Coarse Thread (NC)

- Inquire about different grades, materials, and finishes

Item #	Desc.	Box Qty.
AL30452	⅜-16	100
AL30454	½-13	50
AL30456	⅝-11	25
AL30458	¾-10	50

Coupling Nuts

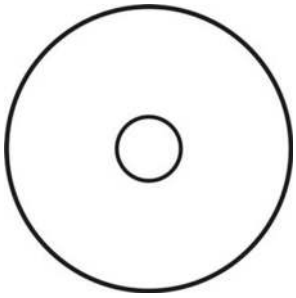
Coarse Thread (NC)

- Inquire about different grades, materials, and finishes

Item #	Desc.	Box Qty.
AL30853	¼-20	50
AL30855	⅜-16	50
AL30856	⅜-¼ Reducer	50
AL30857	½-13	50
AL30858	½-⅜ Reducer	25
AL30859	⅝-11	20
AL30861	¾-10	20
AL30862	⅞-9	10
AL30863	1"-8	10

Fender Washers

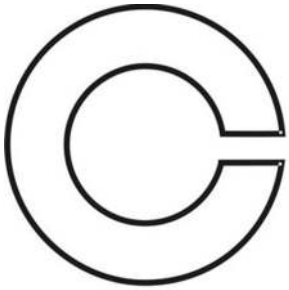
- Inquire about different grades, materials, and finishes



Item #	Desc.	Box Qty.
AL31693	3/16X1¼	100
AL31707	¼X1	100
AL31709	¼X1¼	100
AL31711	¼X1½	100
AL31749	⅜X1¼	100
AL31751	⅜X1½	100
AL31759	½X1½	100
AL31763	½X2	100

Split Lock Washers

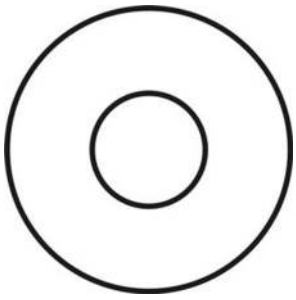
- Inquire about different grades, materials, and finishes



Item #	Desc.	Box Qty.
AL31301	#10 3/16	100
AL31302	¼	100
AL31303	5/16	100
AL31304	⅜	100
AL31306	½	100
AL31308	⅝	100
AL31310	¾	100
AL31312	⅞	100
AL31314	1“	100
AL31320	#12	100
AL31323	#8	100

Flat Washers

- Inquire about different grade, materials, and finishes



Item #	Desc.	Box Qty.
AL31026	3/16 (#10)	100
AL31027	¼ (#14)	100
AL31028	5/16	100
AL31029	⅜	100
AL31031	½	100
AL31033	⅝	50
AL31035	¾	25
AL31037	⅞	25
AL31039	1”	25
AL31095	#12	100
AL31097	#6	100
AL31098	#8	100

Edge stocks or can get more hardware than shown in this catalog

Need Stainless Steel? Give us a call!

Ask about our Never-Out-Of-Stock (NOS) box program

SIMPSON Strong-Tie®

SIMPSON STRONG-TIE®

Epoxy-Tie® Adhesive Dispensing Tool

- Each tool has been designed to work with Epoxy-Tie®

cartridges for trouble-free dispensing

- These tools are for use with SET, SET-XP™, EDOT™, ET, ETI adhesives and CIP and CIP-F paste-over material

Item #	Description
SNCDT10	Premium Tool for Single Cartridges
SNEDT22B	Manual Tool for 22 oz. Cartridges
SNEDT22CKT	Battery Powered Tool for 220 oz. Cartridges
SNEDT22AP	Pneumatic Tool for 22 oz. Cartridges
SNEDT56AP	Pneumatic Tool for 56 oz. Cartridges
SNEDT22S	Manual Tool for twin 300 ml Cartridges or 300/150 ml Cartridges

Simpson Strong-Tie® High Strength Epoxy-Tie Anchor System

SET-XP®

- CRACKED CONCRETE APPROVED
- SET-XP®, the popular epoxy-based anchoring adhesive formulated for optimum performance in both cracked and uncracked concrete, is now available in a 56 oz. cartridge for larger-volume jobs. Rigorously tested in accordance with ICC-ES AC308 2006 and 2009 IBC requirements, and proven to deliver increased reliability in the most adverse conditions, SET-XP provides greater convenience coupled with unmatched performance. This non-shrink epoxy anchoring adhesive meets the requirements of ASTM C881 specification for Type I and Type IV, Grade 3, Class C epoxy.
- Uses: When SET-XP® adhesive is used with threaded rod, rebar or the IXP™ anchor, the system can be used in tension and seismic zones where there is a risk of cracks occurring that pass through the anchor location. It is also suitable for uncracked concrete conditions
- Codes: ICC-ES ESR-2508; City of L.A. RR25744; Florida FL 11506.5 NSF/ANSI Standard 61 (216 in/gal).
- Shelf life: 24 months from date of manufacture in unopened side-by-side cartridge
- Cure Schedule (Base Material Temp° / Cure Time hrs.): 50/72, 70/24, 90/24, 110/24

Item #	Capacity (oz.)	Cartridge Type	Ctn Qty.	Dispensing Tool(s)	Mixing Nozzle
SNSET-XP22	22	Side-by-Side	10	EDT22B, EDT22AP, EDT22CKT, EDT22S	EMN22i
SNSET-XP56	56	Side-by-Side	56	EDT56AP	EMN22i

SIMPSON STRONG-TIE®

Epoxy Anchor Cartridge

High Strength

SET

- Epoxy-Tie SET epoxy is a two-component, low odor, 1:1 ratio, 100% solids epoxy-based adhesive for use as a high strength, non-shrink anchor grouting material
- Resin and hardener are dispensed and mixed simultaneously through the mixing nozzle. SET meets or exceeds the ASTM C-881 specification for Type I, II, IV and V, Grade 3, Class B and C
- USES: Threaded rod anchoring, Rebar dowelling, Bonding hardened concrete to hardened concrete, Pick proof sealant around doors, windows and fixtures, Paste-over for crack injection
- Code Approvals: ICC-ES ESR-1772 (CMU & URM); City of L.A. RR25279; Florida FL 11506.4; Caltrans approved; multiple DOT listings; NSF/ANSI Standard 61 (216 in2/1000 gal), except SET1.7KTA. SET-PAC-EZ™ adhesive covered by ICC-ES, City of L.A. and NSF/ANSI listings only
- SHELF LIFE: 24 months from date of manufacture in unopened side-by-side cartridge. SET-PAC-EZ™ cartridge - 24 months from date of manufacture, unopened

Item #	Capacity (oz.)	Cartridge Type	Carton Qty	Dispensing Tool(s)	Mixing Nozzle	UoM
SNSET1.7KTA	1.7	Side-by Side	12	Adapter Included for Standard Caulking Tool	EMN1.7 (2 included)	Ea
SNSET-PAC-EZ	8.5	Single	12	CDT10 or High Quality Standard Caulking Tool	2 Included	
SNSET22	22	Side-by Side	12	CDT10 or High Quality Standard Caulking Tool	EMN22i	Ea
SNSET56	56	Side-by Side	6	EDT56AP	EMN22i, EMN50	Ea

SIMPSON STRONG-TIE®

High Strength Acrylic-Tie® Anchoring Adhesive

AT-XP™

Acrylic-Tie® AT-XP™ anchoring adhesive is specifically formulated for fast curing and delivers optimum performance anchoring threaded rod and dowels in uncracked concrete

- AT-XP adhesive blends high strength with EASY COLD WEATHER DISPENSING and excellent reduced-temperature performance to provide a complete adhesive anchoring solution
- Rigorously tested in accordance with ICC-ES AC308 and IBC 2009 requirements for uncracked concrete, reduced-temperature testing results have shown AT-XP adhesive to dispense easily with no load reductions in substrate temperatures as low as 14°F (-10°C)
- AT–XP is a two-component, high-solids, 10:1 ratio acrylic-based adhesive for use as a high strength, anchor-grouting material. Resin and initiator are dispensed and mixed simultaneously through the mixing nozzle
- USES: Threaded rod anchoring in concrete, rebar doweling in concrete
- CODES: ICC-ES evaluation report pending
- SHELF LIFE: Nine months from date of manufacture in unopened cartridge
- Cure Schedule (Base Material Temp° / Cure Time hrs.): 14/24, 32/8, 50/3, 68/1

Item #	Capacity (oz.)	Cartridge Type	Carton Qty	Dispensing Tool(s)	Mixing Nozzle
SNAT-XP13	13	Side-by-Side	10	ADT813	AMN19Q
SNAT-XP30	30	Side-by-Side	5	ADT30S, ADT30P, ADT30CKT	EMN22i

SIMPSON STRONG-TIE®

High Strength Acrylic-Tie® Anchoring Adhesive

AT

- AT Acrylic-Tie® is a two component, high solids, 10:1 ratio acrylic-based adhesive for use as a high strength, anchor-grouting material
- Formulated for use in all types of weather, AT is designed to dispense easily and cure at temperatures down to 0°F
- Resin and initiator are dispensed and mixed simultaneously through the mixing nozzle. AT meets the physical requirements of ASTM C881, Type I & IV, Grade 3, Classes A, B & C, except Acrylic-Tie is a non-epoxy product formulated for fast cure time
- USES: Threaded rod anchoring, rebar doweling, pick-proof sealant around doors, windows and fixtures
- Code Approvals: ICC-ES ER-5791* (CMU & URM); City of L.A. RR25459*; Florida FL 11506.1*; NSF/ANSI Standard 61 (11 in2/5000 gal); Multiple DOT listings
- SHELF LIFE: 12 months from date of manufacture in unopened cartridge
- Cure Schedule (Base Material Temp° / Cure Time hrs.): 0/24, 40/4, 70/.5

Item #	Capacity (oz.)	Cartridge Type	Ctn Qty.	Dispensing Tool(s)	Mixing Nozzle
SNATPAC05KT	5	Coaxial	12	CDT10 or Standard 10 oz. Single Tube Dispensing Tool	AMN813 (Included)
SNAT08	8	Side-by Side	10	ADT813B	AMN813 (Included)
SNAT10	9.6	Single	12	CDT10 or Standard 10 oz. Single Tube Dispensing Tool	AMN813 (Included)
SNAT13	13	Side-by Side	10	ADT813B	AMN813 (Included)
SNAT30	30	Side-by Side	5	ADT30, ADT30P, ADT30CKT	EMN22i (Sold Separately)

SIMPSON STRONG-TIE®

Acrylic-Tie® Adhesive Dispensing Tools

Item #	Description
SNADT813B	Manual Tool for 8 oz. and 13 oz. Cartridges
SNADT30	Manual Tool for 30 oz. Cartridges
SNADT30CKT	Battery Powered Tool for 30 oz. Cartridges
SNADT30P	Pneumatic Tool for 30 oz. Cartridges

SIMPSON STRONG-TIE®

Mixing Nozzles and Retaining Nuts

- Mixing nozzles are designed for the proper proportioning and mixing of the different adhesive formulations
- EMN37A - This is an 18 element mixing nozzle for Epoxy-Tie adhesives and for use with the 30oz. Acrylic-Tie cartridge. This nozzle requires a separate nozzle retaining nut to attach to the cartridge
- EMN2256 - Retaining nuts for the EMN37A.
- EMN50 - This is a Hi-Volume 5/8" diameter 24 element nozzle, with an integrally molded retaining nut. This nozzle provides approximately 2 times the dispensing rate of the EMN37A. The major outer diameter is 7/8". Fits 22 oz., 30 oz. and 56 oz. SBS cartridges.
- AMN813-RP5 - This is a package of 5, 12 element mixing nozzles with integrally molded retaining nut for use with 8oz. and 13oz. Acrylic-Tie only.

Item #	Description	Pkg Qty
SNEMN37B	Mixing Nozzle Only, 14 in. Long, Major Diameter ⅝ in.	
SNENN2256	Retaining Nuts Only for the EMN37 (Orange)	
SNEMN50	Hi-Volume Nozzle for 22oz, 30oz and 56oz SBS Cartridges (Separate Retaining Nut not Required), 17 in. Long, Major Diameter ⅞ in.	
SNAMN813-RP5	Five Mixing Nozzles for 8oz and 13oz SBS Acrylic-Tie Cartridges Only, 8½ in. Long	5
	Flush Mounted Injection Port	
	Corner Mount Injection Port	

SIMPSON STRONG-TIE®

Adhesive Retaining Caps

Adhesive retaining caps make overhead and horizontal installation easier by preventing the adhesive from running out of the hole. They also center the rod in the hole, making them ideal for applications where precise anchor placement is required. It may be necessary to provide support for the insert during cure time. Adhesive retaining caps are not designed to support the weight of the insert in overhead installations.

Item #	For Rod Dia. (in.)	Required Hole Diameter (in.)	Cap Depth (in.)	Pkg. Qty.
Adhesive Retaining Caps For Epoxy Tie				
SNARC37-RP25	⅜	½	7⁄16	25
SNARC50-RP25	½	⅝	½	25
SNARC62-RP25	⅝	¾	9⁄16	25
SNARC75-RP25	¾	⅞	9⁄16	25
SNARC87-RP25	⅞	1	11⁄16	25
SNARC100-RP25	1	1⅛	11⁄16	25
SNARC125-RP25	1¼	1⅜	⅞	25
Adhesive Retaining Caps For Acrylic-Tie				
SNARC37A-RP25	⅜	7⁄16	25	
SNARC50A-RP25	½	9⁄16	½	25
SNARC62A-RP25	⅝	11⁄16	9⁄16	25
SNARC75A-RP25	¾	13⁄16	9⁄16	25
SNARC87A-RP25	⅞	1	11⁄16	25
SNARC100A-RP25	1	1 1⁄16	11⁄16	25
SNARC125A-RP25	1¼	1⅜	⅞	25

SIMPSON STRONG-TIE®

Hole Cleaning Brushes

- Brushes are used for cleaning drilled holes prior to adhesive anchor installation. Brushes have a twisted wire handle with nylon bristles

Item #	Description	For Anchor/Rebar Diameter (in.)	For Hole Diameter (in.)
SNETB4	½"x3" brush (8" total length)	¼-5⁄16	3⁄8-7⁄16
SNETB6	¾"x4" brush (16" total length)	3⁄8-5⁄8	½-¾
SNETB8	1"x4" brush (16" total length)	¾	13⁄16-7⁄8
SNETB8L	1"x4" brush (24" total length)	¾	13⁄16-7⁄8
SNETB10	1¼"x4" brush (29" total length)	7⁄8-1	1-1⅛
SNETB12	1⅝"x6" brush (34" total length)	1¼	1 3⁄16-1⅜

SIMPSON STRONG-TIE®

Opti-Mesh® Epoxy-Tie® Adhesive-Anchoring Screen Tubes

- Screen tubes are tested and written into many code reports-make sure to use as recco-mended
- Screen tubes are vital to the performance of adhesive anchors in base materials that are hollow, or contain voids, such as hollow block and brick. The Simpson Strong-Tie®
- Opti-Mesh® screen tube provides the eco-nomical advantage of a plastic screen tube while providing perfor-mance comparable to steel screen tubes and better than competitive plastic screen tubes

Caution: Screen tubes are designed for a specific adhesive type. Epoxy-Tie® screen tubes must be used with SET or ET formulations and Acrylic-Tie® screen tubes must be used with AT Acrylic-Tie® adhesive. Do not use SET1.7KT or SET1.7KTA with screen tubes

Item #	For Rod Dia.	Hole Size	Screen Length (in.)
SNETS506P	½	¾	6
SNETS5010P	½	¾	10
SNETS626P	⅝	⅞	6
SNETS6210P	⅝	⅞	10
SNETS6213P	⅝	⅞	13
SNETS758P	¾ in.	1 in.	8
SNETS7513P	¾ in.	1 in.	13
SNETS7517P	¾ in.	1 in.	17

SIMPSON STRONG-TIE®

Self-Undercutting Anchor for Cracked or Un-cracked Concrete

Torq-Cut™

- The Torq-Cut™ self-undercutting anchor is a heavy-duty, high-capacity anchor designed and tested for use in CRACKED AND UNCRACKED concrete under static and seismic loading conditions. It is designed to meet the stringent requirements of the 2006 and 2009 IBC for post-installed anchors
- The built-in ring with hardened cutters expands with installation torque forming undercut grooves in the concrete. This interlocking connection between the anchor and the concrete pro-vides superior load carrying capacity
- FINISH: Zinc plated
- CODES: ICC-ES pending

TEST CRITERIA: The Torq-Cut anchor has been tested in accor-dance with ICC-ES's Acceptance Criteria for Mechanical Anchors in Concrete Elements (AC193) and ACI 355.2 for the following:

- Static tension and shear loading in cracked and uncracked con-crete
- Seismic and wind loading in cracked and uncracked concrete
- Performance in cracked concrete

Item #	Size (in.)	Drill Bit Dia. (in.)	Box Qty.
SNTCAP370600	⅜X6	⅝	10
SNTCAP500834	½X8¾	⅞	5
SNTCAP500912	½X9½	⅞	5
SNTCAP621112	⅝X11½	1	4
SNTCAP621212	⅝X12½	1	4
SNTCAP751458	¾X14⅝	1¼	4
SNTCAP751658	¾X16⅝	1¼	4

SIMPSON STRONG-TIE®

Wedge Anchor

Strong-Bolt™ 2

- The Strong-Bolt™ 2 wedge anchor is the next-generation solution for CRACKED AND UNCRACKED concrete
- Following rigorous testing according to ICC-ES acceptance criteria, the Strong-Bolt™ 2 anchor received classification as a Category 1 anchor, the highest attainable anchor category for performance in cracked concrete under static and seismic loading
- Available in stainless steel, it is code-listed by ICC-ES under the 2009 IBC requirements for post-installed anchors in cracked and uncracked concrete
- Finish: Zinc-plated (carbon steel) and stainless steel available
- Code Approvals: ICC-ES ESR-3037 (carbon and stainless steel); City of Los Angeles – Pending; UL – Pending; FM – Pending; Florida – Pending

Item #	Size (in.)	Drill Bit Dia. (in.)	Thread Length (in.)	Box Qty.
Carbon Steel				
SNSTB2-37234	⅜X2¾	⅜	1 5⁄16	50
SNSTB2-37300	⅜X3	⅜	1 9⁄16	50
SNSTB2-37312	⅜X3½	⅜	2 1⁄16	50
SNSTB2-37334	⅜X3¾	⅜	2 5⁄16	50
SNSTB2-37500	⅜X5	⅜	3 9⁄16	50
SNSTB2-37700	⅜X7	⅜	5 9⁄16	50
SNSTB2-50334	½X3¾	½	2 1⁄16	25
SNSTB2-50414	½X4¼	½	2 9⁄16	25
SNSTB2-50512	½X5½	½	3 13⁄16	25
SNSTB2-50700	½X7	½	5 5⁄16	25
SNSTB2-50812	½X8½	½	6	25
SNSTB2-50100	½X10	½	6	25
SNSTB2-62412	⅝X4½	⅝	2 7⁄16	20
SNSTB2-62500	⅝X5	⅝	2 15⁄16	20
SNSTB2-62600	⅝X6	⅝	3 15⁄16	20
SNSTB2-62700	⅝X7	⅝	4 15⁄16	20
SNSTB2-62812	⅝X8½	⅝	6	20
SNSTB2-62100	⅝X10	⅝	6	10
316 Stainless Steel				
SNSTB2-372346SS	⅜X2¾	⅜	1 5⁄16	50
SNSTB2-373006SS	⅜X3	⅜	1 9⁄16	50
SNSTB2-376126SS	⅜X3½	⅜	2 1⁄16	50
SNSTB2-373346SS	⅜X 3¾	⅜	2 5⁄16	50
SNSTB2-375006SS	⅜X5	⅜	3 9⁄16	50
SNSTB2-377006SS	⅜X7	⅜	5 9⁄16	50

SIMPSON STRONG-TIE®

Wedge Anchor

Strong-Bolt™

- The Strong-Bolt™ is a wedge anchor specifi cally designed for optimum performance in both CRACKED AND UNCRACKED concrete; a requirement that the 2006 IBC places on post-installed anchors
- Rigorously tested according to the latest industry-wide criteria, the Strong-Bolt anchor is proven to offer increased reliability in the most adverse conditions, including performance in cracked concrete under static and seismic loading
- The proprietary tri-segmented clip has dual undercutting embossments on each segment which enable secondary or "follow-up" expansion if a crack forms and intersects the anchor location. This signifi cantly increases the ability of the Strong-Bolt wedge anchor to carry load if the hole opened slightly due to a crack. The Strong-Bolt anchor sets like a standard wedge anchor and is available in Imperial fractional sizes
- FINISH: Zinc plated
- Code Approvals: ICC-ES ESR-1771; City of L.A. RR25705; Florida FL 11506.6

Item #	Size (in.)	Drill Bit Dia. (in.)	Thread Length (in.)	Box Qty.
SNSTB50334	½X3¾	½	2 5⁄16	25
SNSTB50414	½X4¾	½	2 13⁄16	25
SNSTB50512	½X5½	½	4 1⁄16	25
SNSTB50700	½X7	½	5 9⁄16	25
SNSTB50812	½X8½	½	6	25
SNSTB50100	½X10	½	6	25
SNSTB62412	⅝X4½	⅝	2 7⁄8	20
SNSTB62500	⅝X5	⅝	3 3⁄8	20
SNSTB62600	⅝X6	⅝	4 3⁄8	20
SNSTB62700	⅝X7	⅝	5 3⁄8	20
SNSTB62812	⅝X8½	⅝	6	20
SNSTB62100	⅝X10	⅝	6	10
SNSTB75512	¾X5½	¾	3 5⁄8	10
SNSTB75614	¾X6¼	¾	4 3⁄8	10
SNSTB75700	¾X7	¾	5 1⁄8	10
SNSTB75812	¾X8½	¾	6	10
SNSTB75100	¾X10	¾	6	10
SNSTB100700	1X7	1	3½	5
SNSTB1001000	1X10	1	3½	5
SNSTB1001300	1X13	1	3½	5

Ask about "Cracked Concrete" anchors

SIMPSON STRONG-TIE®

Heavy Duty Screw Anchor For Concrete and Masonry

TITEN HD®

- The Titen HD® is a patented, high-strength screw anchor for concrete and masonry.
- The self-undercutting, non-expansion characteristics of the Titen HD® makes it the ideal anchor for structural applications, even at minimum edge distances and under reduced spacing conditions.
- The proprietary cutting teeth enable the Titen HD® to be installed in one eighth of the time when compared to traditional expansion anchors, and at significantly reduced installation torques.
- The anchor can be installed with a standard ANSI tolerance drill bit and is removable. Recommended for permanent dry, interior non-corrosive environments or temporary outdoor applications.
- Zinc Plating meetings ASTM B633, SC1
- Mechanical galvanizing meets ASTM B695, Class 65, Type 1. Intended for some pressure-treated wood sill plate applications. Not for use in other corrosive or outdoor environments.

Item #	Size (in.)	Drill Bit Dia. (in.)	Wrench Size (in.)	Box Qty.
Zinc Plated				
SNTHD37300H	⅜x3	⅜	9⁄16	50
SNTHD37400H	⅜x4	⅜	9⁄16	50
SNTHD37500H	⅜x5	⅜	9⁄16	50
SNTHD50300H	½x3	½	¾	25
SMTHD37600H	⅜x6	⅜	9⁄16	50
SNTHD50400H	½x4	½	¾	20
SNTHD50500H	½x5	½	¾	20
SNTHD50600H	½x6	½	¾	20
SNTHD50612H	½x6½	½	¾	20
SNTHD50800H	½x8	½	¾	20
SNTHD501200H	½x12	½	¾	20
SNTHD501300H	½x13	½	¾	20
SNTHD501400H	½x14	½	¾	20
SNTHD501500H	½x15	½	¾	20
SNTHD62400H	⅝x4	⅝	15⁄16	10
SNTHD62500H	⅝x5	⅝	15⁄16	10
SNTHD62600H	⅝x6	⅝	15⁄16	10
SNTHD62612H	⅝x6½	⅝	15⁄16	10
SNTHD62800H	⅝x8	⅝	15⁄16	10
SNTHD75400H	¾x4	¾	1⅛	10
SNTHD75500H	¾x5	¾	1⅛	5
SNTHDT75600H	¾x6	¾	1⅛	5
SNTHD75700H	¾x7	¾	1⅛	5
SNTHD75812H	¾X8½	¾	1⅛	5
SNTHD75100H	¾X10	¾	1⅛	5
Mechanically Galvanized				
SNTHD37500HMG	⅜x5	⅜	9⁄16	50
SNTHD37600HMG	⅜x6	⅜	9⁄16	50
SNTHD50500HMG	½x5	½	¾	20
SNTHD50500HMG	½x6	½	¾	20
SNTHD50500HMG	½x6½	½	¾	20
SNTHD50500HMG	½x8	½	¾	20
SNTHD50500HMG	⅝x5	⅝	15⁄16	10
SNTHD50500HMG	⅝x6	⅝	15⁄16	10
SNTHD50500HMG	⅝x6½	⅝	15⁄16	10
SNTHD50500HMG	⅝x8	⅝	15⁄16	10
SNTHD75182HMG	¾X8½	¾	1⅛	5
SNTHD75100HMG	¾X10	¾	1⅛	5

SIMPSON STRONG-TIE®

Screw Anchor for Concrete and Masonry

TITEN HD® MINI Screw Anchor

- Sharing the same features as the larger Titen HD® screw anchor (page 119), the Titen HD® Minianchor provides an easy solution for jobs that call for smaller anchors
- The self-undercutting, non-expansion characteristics are ideal for situations where minimum edge distance and reduced spacing is a concern. The patented cutting teeth and thread design enable the Titen HD Mini anchor to be installed quickly and with less effort than many other screw type anchors
- Since there are no secondary setting steps involved, the Titen HD Mini screw anchor can be installed much more quickly than traditional expansion anchors
- FINISH: Zinc plated
- TEST CRITERIA: The Titen HD® Mini anchor has been tested in accordance with ASTM E488 standard test methods

for tension and shear.

Item #	Size (in.)	Drill Bit Dia. (in.)	Wrench Size (in.)	Box Qty.
SNTHD25134H	¼X1¾	¼	⅜	100
SNTHD25214H	¼X2¼	¼	⅜	50
SNTHD25300H	¼X3	¼	⅜	50
SNTHD37134H	⅜X1¾	⅜	9⁄16	50
SNTHD37212H	⅜X2½	⅜	9⁄16	50

SIMPSON STRONG-TIE®

Threaded Rod Hanger

TITEN HD®

- The Titen HD® rod hanger is a high-strength screw anchor designed to suspend threaded rod from concrete slabs and beams in order to hang pipes, cable tray and HVAC equipment
- Two new designs feature a 3/8" dia. shank which specifically qualifies these models for code listing by ICC-ES for CRACKED AND UNCRACKED concrete applications under the 2006 and 2009 IBC
- Finish: Zinc plated
- Code Approvals: ICC-ES ESR-2713 (THD37212RH and THD50234RH), Factory Mutual 3031136 (THD50234RH and THD37218RH) and 3035761 (THD37212RH)

Item #	Size (in.)	Accepts Rod Dia. (in.)	Drill Bit Dia. (in.)	Wrench Size (in.)	Min. Embed. (in.)	Box Qty.
SNTHD25112RH	¼X1½	¼	⅜	1½	100	
SNTHD37218RH	⅜X2⅛	⅜	¼	½	2⅛	50
SNTHD37212RH	⅜X2½	⅜	½	2½	50	
SNTHD50234RH	½X2¾	½	⅜	11⁄16	2¾	50

SIMPSON STRONG-TIE®

Sleeve Anchors

SLEEVE-ALL®

- Sleeve-Alls are pre-assembled expanding sleeve anchors for use in all types of hollow and solid base materials
- These anchors are available in acorn, hex, rod coupler, flat or round head styles for a wide range of applications
- Made of carbon steel with Zinc plating
- Code Approvals: Factory Mutual 3017082, 3026805 and 3029959, 3/8"-3/4" dia.; Underwriters Laboratories File Ex3605, 3/8"-3/4" dia. Meets requirements of Federal Specifications A-A-1922A.

Item #	Part #	Size (in.)	Bolt Dia. Thread (per in.)	Max Material Thickness (in.)	Quantity Box
Acorn Head					
SNSL25214A	SL25214A	¼ x 2¼	3⁄16-24	1⅛	100
Hex Head					
SNSL31212H	SL31212H	5⁄16 x 2½	¼-20	1 1⁄16	50
SNSL37300H	SL37178H	⅜ x 1⅞	5⁄16-18	⅜	50
SNSL37300H	SL37300H	⅜ x 3	5⁄16-18	1½	50
SNSL37400H	SL37400H	⅜ x 4	5⁄16-18	2½	50
SNSL50300H	SL50300H	½ x 3	⅜-16	¾	25
SNSL50400H	SL50400H	½ x 4	⅜-16	1¾	25
SNSL50600H	SL50600H	½ x 6	⅜-16	3⅜	20
SNSL62414H	SL62414H	⅝ x 4¼	½-13	1½	10
SNSL62600H	SL62600H	⅝ x 6	½-13	3¼	10
SNSL75414H	SL75414H	¾ x 4¼	⅝-11	⅞	10
SNSL75614H	SL75614H	¾ x 6¼	⅝-11	2⅞	5
Flat Head					
SNSL25200PF	SL25200PF	¼ x 2	3⁄16-24	⅞	100
SNSL25300PF	SL25300PF	¼ x 3	3⁄16-24	1⅞	50
SNSL31312PF	SL31312PF	5⁄16 x 3½	¼-20	2 1⁄16	50
SNSL37234PF	SL37234PF	⅜ x 2¾	5⁄16-18	1¼	50
SNSL37400PF	SL37400PF	⅜ x 4	5⁄16-18	2½	50
SNSL37600PF	SL37600PF	⅜ x 6	5⁄16-18	4½	50
Round Head					
SNSL25200R	SL25200R	¼ x 2	3⁄16-24	⅞	100
SNSL37212R	SL37212R	⅜ x 2½	5⁄16-18	1	50

SIMPSON STRONG-TIE®

Sleeve Anchor with Rod Coupler

SLEEVE-ALL®

Sleeve-Alls are pre-assembled expanding sleeve anchors for use in all types of solid base materials.

- Material: Carbon steel
- Finish: Zinc plated

Item #	Size	Accepts Rod Dia.	Qty per Box	Qty per Ctn
	⅜" X 1⅞"	⅜"	50	200
	½" X 2¼"	½"	25	100
	⅝" X 2¼"	⅝"	20	80

SIMPSON STRONG-TIE®

Internally Threaded Expansion Shell Anchor

DROP-IN

- Drop-in anchors are internally-threaded, deformation-controlled expansion anchors with a pre-assembled expander plug, suitable for flush mount applications in solid base materials
- The anchor is set by driving the expansion plug towards the bottom of the anchor using the setting tool

MATERIAL: Carbon and stainless steel

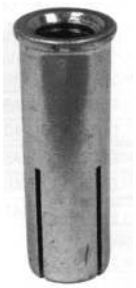
FINISH: Carbon steel: Zinc plated

Code Approvals: Drop-In: City of L.A. RR24682; Factory Mutual 3017082; Underwriters Laboratories File Ex3605. Meets requirements of Federal Specifications A-A-55614, Type I

Item #	Rod Size	Drill Bit Dia.	Bolt Thread	Body Length	Qty per Box
Carbon Steel					
SNDIA25	¼"	⅜"	20	1"	100
SNDIA37	⅜"	½"	16	1½"	50
SNDIA50	½"	⅝"	13	2"	50
SNDIA62	⅝"	⅞"	11	2½"	25
SNDIA75	¾"	1"	10	3⅛"	20
303 Stainless Steel					
SNDIA37SS	⅜"	½"	16	1½"	50
SNDIA50SS	½"	⅝"	13	2	50

SIMPSON STRONG-TIE®

Internally Threaded Expansion Shell Anchor



Lipped DROP-IN Anchor

- Drop-in anchors are internally-threaded, deformation-controlled expansion anchors with a pre-assembled expander plug, suitable for flush mount applications in solid base materials
- The anchor is set by driving the expansion plug towards the bottom of the anchor using the setting tool
- The Lipped Drop-In (DIAL) features a lip at the top of the anchor body that keeps the top of the anchor flush with the concrete. This eliminates the need for precisely drilled hole depths and allows for easier flush installation, consistent embedment and uniform rod lengths

MATERIAL: Carbon steel

FINISH: Carbon steel: Zinc plated

Code Approvals: Drop-In: City of L.A. RR24682; Factory Mutual 3017082; Underwriters Laboratories File Ex3605. Meets requirements of Federal Specifications A-A-55614, Type I

Item #	Rod Size	Drill Bit Dia.	Bolt Thread	Body Length	Qty per Box
SNDIAL37	⅜"	½"	16	1 1/16"	50
SNDIAL50	½"	⅝"	13	2"	50

SIMPSON STRONG-TIE®

Internally Threaded Expansion Shell Anchor

Short DROP-IN Anchor

- Ask about using a stop drill bit
- Drop-in anchors are internally-threaded, deformation controlled expansion anchors with a pre-assembled expander plug, suitable for flush mount applications in solid base materials
- The anchor is set by driving the expansion plug towards the bottom of the anchor using the setting tool
- The 3/8" Short Drop-In Anchor (DIA37S) is for use in solid and hollow concrete. The short length permits shallow embedment, thus avoiding drilling into rebar or prestressing strands. The wide surface flange allows the DIA37S to be installed in deep or bottomless holes

MATERIAL: Carbon steel

FINISH: Carbon steel: Zinc plated

Code Approvals: Short Drop-In: Factory Mutual 3017082 & Underwriters Laboratories File Ex3605

- A dedicated setting tool is included with each box.

Item #	Rod Size	Drill Bit Dia.	Bolt Thread	Body Length	Qty per Box
SNDIA37S	⅜"	½"	16	¾"	100
SNDIA50S	½"	⅝"	13	50	

SIMPSON STRONG-TIE®

Internally Threaded Expansion Shell Anchor

Coil Thread DROP-IN Anchor

- Drop-in anchors are internally-threaded, deformation-controlled expansion anchors with a pre-assembled expander plug, suitable for flush mount applications in solid base materials. The anchor is set by driving the expansion plug towards the bottom of the anchor using the setting tool

MATERIAL: Carbon steel

FINISH: Carbon steel: Zinc plated

Code Approvals: Drop-In: City of L.A. RR24682; Factory Mutual 3017082; Underwriters Laboratories File Ex3605. Meets requirements of Federal Specifications A-A-55614, Type I

Item #	Rod Size	Accepts Rod Dia.	Drill Bit Dia.	Bolt Thread	Body Length	Qty per Box	Qty per Ctn
SNDIA50C	½"	½"	⅝"	6"	2	50	200
SNDIA75C	¾"	¾"	1"	5"	3⅛"	20	80

SIMPSON STRONG-TIE®

Injection Epoxy

ETI

ETI injection epoxies are specially designed formulations for the injection of cracks in concrete. ETI epoxies are two-component, 1:1 ratio, high solids formulations. They are available in 22 ounce side-by-side cartridges and are dispensed through a static mixing nozzle using a manual,

battery or pneumatic dispensing tool. ETI is available in two viscosities: ETI-LV (low viscosity) and ETI-GV (gel viscosity) to handle a wide range of crack widths. Properly installed, they provide a repair that is both waterproof and

high strength (structural).

ETI-LV Low Viscosity Injection Epoxy:

- Low viscosity epoxy (1790 cps) for repair of fi ne to medium width cracks ¼" - ¼" in width
- Low surface tension allows the material to effectively penetrate narrow cracks
- Suitable for structural repairs

ETI-GV Gel Viscosity Injection Epoxy

- Gel viscosity epoxy for repair of medium cracks 3/32" - 1/4" in width
- Decreases in viscosity under pressure for increased fl owability
- Suitable for structural repairs

APPLICATION: Epoxy-Tie® injection epoxies are suitable for repairing non-moving cracks in concrete walls, floors, slabs, columns and beams. They can be used to inject cracks in damp or wet conditions with excellent results. Apply to concrete 40°F or above. For best results, warm material to 60°F or above prior to application

- SHELF LIFE: 2 years in unopened cartridge

Item #	Capacity (oz.)	Cartridge Type	Ctn Qty.	Dispensing Tool(s)	Mixing Nozzle
SNETILV22	22	Side-by Side	10	EDT22B,EDT22AP,EDT22CKT	EMN022 (Included)
SNETIGV22	22	Side-by Side	10	EDT22B,EDT22AP,EDT22CKT	EMN022 (Included)

SIMPSON STRONG-TIE®

Drop-In Setting Tool

For use with carbon and stainless steel Drop-In anchors.

Item #	For Use With	Box Qty
SNDIAST25	DIA25, DIAL25	10
SNDIAST37	DIA37, DIAL37	10
SNDIAST50	DIA50, DIA50C, DIAL50	10
SNDIAST62	DIA62	5
SNDIAST75	DIA75, DIA75C	5

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

SIMPSON STRONG-TIE®

Cast-in Place, Internally Threaded Inserts

BLUE BANGER HANGER®

- Blue Banger Hanger® internally-threaded inserts are cast into the underside of the concrete deck after being fastened to the top of wood forms or metal deck. Once the concrete has cured, the anchor provides an attachment point for threaded rod used to hang electrical, mechanical and plumbing utilities
- The Blue Banger Hanger insert is the only pre-pour insert to offer the patented multi-thread design which allows one size insert to handle multiple diameters of threaded rod
- MATERIAL: Carbon steel
- FINISH: Yellow-zinc dichromate
- Code Approvals: Factory Mutual 3024378 (except roof deck insert); Underwriters Laboratories File EX3605 (except roof deck insert)

Item #	For Rod Dia. (in.)	Deck Hole Diameter (in.)	Box Qty.
Metal Deck Insert			
SNBBMD2550	¼,⅜,½	13⁄16-⅞	100
SNMMBD3762	⅜,½,⅝	1⅛-1 3⁄16	50
SNBBMD6275	⅝,¾	1 3⁄16-1¼	50
Roof Deck Insert			
SNBBRD2550	¼,⅜,½	⅞	50
Wood Form Insert			
SNBBWF2550	¼,⅜,½		200
SNBBWF3762	⅜,½,⅝	N/A	150
SNBBWF6275	⅝,¾	N/A	150

SIMPSON STRONG-TIE®

Heli-Tie™ Fastener Installation tool

Heli-Tie™ Fastener Installation Tool - Model HELITOOL37A
Required for correct installation of Heli-Tie wall ties. Speeds up installation and automatically countersinks the tie into the facade material. The updated one-piece design with no moving parts drastically reduces the cost of the tool, improves longevity and prevents the Heli-Tie fasteners from jamming. Installation tools sold separately.

Item #
SNHELITOOL37A

SIMPSON STRONG-TIE®

Helical Wall Tie

HELI-TIE™

The Heli-Tie™ is a stainless steel helical tie used to anchor building façades to structural members or to stabilize multiple wythe brick walls. The helical design allows the tie to be driven quickly and easily into a predrilled pilot hole (or embedded into mortar joints in new construction) to provide a mechanical connection between a masonry façade and its backup material or between multiple wythes of brick. As it is driven, the fins of the tie undercut the masonry to provide an expansion-free anchorage that will withstand tension and compression loads. The Heli-Tie is installed using a proprietary setting tool that is used with an SDS-Plus shank rotohammer to drive and countersink the tie. Heli-Tie performs in concrete and masonry as well as wood and steel studs.

- Installs quickly and easily - With the rotohammer in drill and hammer mode the tie installs faster than competitive products.
- Provides an inconspicuous repair that preserves the appearance of the building. After installation the tie is countersunk up to 1/2" below the surface, allowing the tie location to be patched.
- Corrosion resistant stainless steel.
- Larger core diameter provides higher torsional capacity resulting in less deflection due to “uncoiling” under load.
- Fractionally sized anchor - no metric drill bits required.
- Patented manufacturing process results in a more uniform helix along the entire tie allowing easier driving and better interlock with the substrate.
- “Simpson Heli-Tie” printed on every tie for easy identification and inspection.
- Material: 304 stainless steel (316 available by special order, contact Simpson for details)
- Test Criteria: CSA A370

Installation:

- Drill pilot hole through the façade material and to the specified embedment depth + 1" in the backup material using appropriate drill bit(s). Drill should be in rotation only mode when drilling into soft masonry or into hollow backing material.
- Position the Heli-Tie in the installation tool and insert the tie into the pilot hole.
- With the SDS-Plus rotohammer in rotation and hammer mode, drive the tie until the installation tool shoulders up to the exterior surface of the masonry and the drive pin is fully extended. The installation tool will countersink the tie below the surface. Patch the hole in the facade using a color-appropriate material.

Item #	Size	Qty per Box
SNHELI37600	⅜” x 6”	100
SNHELI37700	⅜” x 7”	100
SNHELI37800	⅜” x 8”	100
SNHELI37900	⅜” x 9”	100
SNHELI371000	⅜” x 10”	150
SNHELI371100	⅜” x 11”	150
SNHELI371200	⅜” x 12”	150

ITW REDHEAD

A7 Acrylic Adhesives

Fast Dispensing/Fast Curing

Epcon

- All weather formula
- No drip, no sag, easy clean up
- Fast curing time, 35 minutes at 60°F
- NSF 61 approved
- Works in damp holes and underwater applications

Item #	Desc.	Box Qty.
RAA7-5	5 Fluid Ounce Cartridge	12
RAA7-8	8 Fluid Ounce Cartridge	12
RAA7-10	10 Fluid Ounce Cartridge	6
RAA7-28	28 Fluid Ounce Cartridge	4
RAA-24	Mixing Nozzle for A7-8 Cartridge	
RAA101	Hand Dispenser for A7-8 Cartridge	
RAA102	Hand Dispenser for A7-28	
RAA500-KIT	Dispensing Kit Package	
RAA501	Reusable Caulking Gun Adaptor	

ITW REDHEAD

C6 Epoxy Adhesives

Fast Curing

Epcon

The hardener and resin are completely mixed as they are dispensed from the dual cartridge through a static mixing nozzle. The pre-mixed adhesive si injected directly into the anchor hole. C6 can be used with threaded rod or rebar.

Advantages

- 1 hour cure time
- Works in damp holes and underwater applications
- Minimum shrinkage-can be used in oversized holes and diamond cored holes
- High heat deflection temperature: 140°F (ASTM D648)
- One formula for both solid and hollow base materials
- NSF standard 61 certified for drinking water systems
- Extensively tested-earthquake, underwater, creep, freeze-thaw, radiation, fire, fatigue, electrical isolation, ozone and many more test programs have been conducted on C6
- Extensive use-C6 has been used on projects all over the world for over 13 years

Features

Anchorage to solid concrete

Threaded rod (carbon or stainless steel) or rebar supplied by contractor; rod does not need to be chisel pointed

C6 adhesives completely fills area between rod and hole creating a stress-free, high load anchorage

Pre-drilled hole in concrete

Item #	Description	Box/Bag Qty
RAC6-18	C6 Adhesive, 18 Fl. Oz. Cartridge	1
RAE24	Mixing Nozzle (1/2 in. Outside Diameter)	4
RAE50	Mixing Nozzle (11/16 in. Outside Diameter)	5
RAE101	Hand Dispenser for C6-18 Cartridge	1
RAE200	Pneumatic Dispenser for C6-18 Cartridge	1
RAE300	Dosage Control Pneumatic Dispenser for C6-18 Cartridge	1

RED HEAD

ITW REDHEAD

G5 Epoxy Adhesives

Completely Mixed

Epcon

The epoxy resin hardener are completely mixed as they are dispensed from the dual cartridge through a static mixing nozzle, directly into the anchor hole. G5 can be used with threaded rod or rebar.

Advantages

- Nozzles last longer-saves money
- Gives more time to install anchors
- Easier to install anchors in hot weather
- Easier installation of larger diameter anchors and deeper embedments
- Odorless

Features:

Anchorage to solid concrete

Rebar or threaded rod (carbon or stainless steel) supplied by contractor

G5 adhesives completely fills area between rod and hole creating a stress-free, high load anchorage

Pre-drilled hole in concrete

Description: G5 adhesive, 22 fluid oz. cartridge, Box/Bag Qty: 1, Carton Qty: 12

- Meets ASTM C881-90, Type II, Grade 3, Classes A, B, and C with the exception of band strength
- Compressive strength, ASTM D695: 9170 psi minimum
- Shelf life: 2 years minimum
- Water solubility: None

Item #	Description	Box/Bag Qty
RAG5-22	G5 Adhesive, 22 Fl. Oz. Cartridge	6
RAE55	Mixing Nozzle for G5-22 Cartridge (⅜-⅝ in. Outside Diameter) 14 in. long	24
RAE102	Hand Dispenser for G5-22 Cartridges-Dispenses both 18 oz. and 22 oz. Cartridges	1
RAE202	Pneumatic Tool for G5-22 Cartridges	1
RARH7020	Cordless Dispensing tool for the G5-22 Cartridge	1

**Need submittal information?
Call Edge today.**

We can provide manufacturer's detailed specifications to meet your project needs.

ITW REDHEAD

Seismic Wedge Anchors

Trubolt® +

Trubolt® + Wedge anchors consist of a high-strength threaded stud body, expansion clip, nut and washer. Anchor bodies are made of plated carbon steel. The expansion clip consists of a split cylindrical ring with undercutting grooves.

- The exposed end of the anchor is stamped to identify anchor length. Stampings should be preserved during installation for any subsequent embedment verifification
- Use carbide tipped hammer drill bits made in accordance with ANSI B212.15-1994 to install anchors
- ICC Evaluation Service, Inc. # ESR-2427
- Category 1 performance rating
- 2006 IBC and 2009 IBC compliant
- Meets ACI 318 ductility requirements
- Tested in accordance with ACI 355.2 and ICC-ES AC193
- For use in seismic zonesA, B, C, D, E, & F
- 3/8", 1/2", 5/8" & 3/4" diameter anchors
- listed in ESR-2427
- City of Los Angeles - #RR25867
- 2009 IBC Compliant

Item #	Thread Length (in.)	Anchor Dia. (in.) & Drill Bit Size (Threads) per Inch	Overall Length (in.)	Max Thickness of Material to be Fastened in. (mm)	Qty/Wt per Box (lbs.)
RACWS-3830	1⅝	⅜-16	3 (76.2)	⅝ (15.9)	50/5.3
RACWS-3836	2⅜	⅜-16	3¾ (95.3)	1⅜ (34.9)	50/5.9
RACWS-3850	3⅝	⅜-16	5 (127)	2⅝ (66.7)	50/7.3
RACWS-1236	2⅛	½-13	3¾ (95.3)	¾ (19.1)	25/5.7
RACWS-1244	2⅞	½-13	4½ (114.3)	1½ (38.1)	25/7
RACWS-1254	3⅞	½-13	5½ (139.7)	2½ (63.5)	25/8
RACWS-1270	5⅜	½-13	7 (177.8)	4 (101.6)	25/9.2
RACWS-5850	3 3/16	⅝-11	5 (127)	1⅛ (28.6)	10/4.7
RACWS-5860	4 3/16	⅝-11	6 (152.4)	2⅛ (54)	10/5.4
RACWS-5870	5 3/16	⅝-11	7 (177.8)	3⅛ (79.4)	10/6.2
RACWS-5884	5¾	⅝-11	8½ (215.9)	4⅝ (117.5)	10/8
RACWS-3454	3⅝	¾-10	5½ (139.7)	1½ (38.1)	50/7.6
RACWS-3462	4⅜	¾-10	6¼ (158.8)	2¼ (57.2)	10/8.5
RACWS-3470	5⅛	¾-10	7 (177.8)	3 (76.2)	10/9
RACWS-3484	5¾	¾-10	8½ (215.9)	4½ (114.3)	10/10.5
RACWS-34100	5¾	¾-10	10 (254)	6 (152.4)	10/11.9

ITW REDHEAD

Wedge Anchors

Carbon Steel With Zinc Plating

Trubolt®

- Expanding Wedge Anchor
- Inquire about detailed specifications

Item #	Thread Length in. (mm)	Anchor Dia. & Drill Bit Size (Threads) per (in.)	Overall Length in. (mm)	Max. Thickness of Material to be Fastened in. (mm)	Qty/Wt per Box (lbs.)	UoM
RAWS-1416	¾ (19.1)	¼ - 20	1¾ (44.5)	⅜ (9.5)	100/3.1	Ea
RAWS-1422	1¼ (31.8)	¼ - 20	2¼ (57.2)	⅞ (22.2)	100/3.6	Ea
RAWS-1432	2¼ (57.2)	¼ - 20	3¼ (82.6)	1⅞ (47.6)	100/4.7	Ea
RAWS-3822	1⅛ (28.6)	⅜ - 16	2¼ (57.2)	⅜ (9.5)	50/4.1	Ea
RAWS-3826	1⅝ (41.3)	⅜ - 16	2¾ (69.9)	⅞ (22.2)	50/4.7	Ea
RAWS-3830	1⅞ (47.6)	⅜ - 16	3 (76.2)	1⅛ (28.6)	50/5.0	Ea
RAWS-3836	2⅝ (66.7)	⅜ - 16	3¾ (95.3)	1⅞ (47.6)	50/5.9	Ea
RAWS-3850	2¾ (69.9)	⅜ - 16	5 (127.0)	3⅛ (79.4)	50/7.4	Ea
RAWS-3870	2¼ (57.2)	⅜ - 16	7 (177.8)	5⅛ (130.2)	50/10.4	Ea
RAWS-1226	1¼ (31.8)	½ - 13	2¾ (69.9)	⅛ (3.2)	25/4.6	Ea
RAWS-1236	2¼ (57.2)	½ - 13	3¾ (95.3)	1 (25.4)	25/5.7	Ea
RAWS_1242	2¾ (69.9)	½ - 13	4¼ (108.0)	1½ (38.1)	25/6.2	Ea
RAWS-1244	3 (76.2)	½ - 13	4½ (114.3)	1¾ (44.5)	25/6.5	Ea
RAWS-1254	3 (76.2)	½ - 13	5½ (139.7)	2¾ (69.9)	25/7.7	Ea
RAWS-1270	4½ (114.3)	½ - 13	7 (177.8)	4¼ (108.0)	25/9.3	Ea
RAWS-5834	1¾ (44.5)	⅝ - 11	3½ (88.9)	⅛ (3.2)	10/3.6	Ea
RAWS-5842	2-½ (63.5)	⅝ - 11	4¼ (108.0)	⅞ (22.2)	10/4.1	Ea
RAWS-5850	3¼ (82.6)	⅝ - 11	5 (127.0)	1⅝ (41.3)	10/4.7	Ea
RAWS-5860	3½ (88.9)	⅝ - 11	6 (152.4)	2⅝ (66.7)	10/5.4	Ea
RAWS-5870	4½ (114.3)	⅝ - 11	7 (177.8)	3⅝ (92.1)	10/6.2	Ea
RAWS-5884	3½ (88.9)	⅝ - 11	8½ (215.9)	5⅛ (130.2)	10/8.0	Ea
RAWS-58100	1¾ (44.5)	⅝ - 11	10 (254.0)	6⅝ (168.3)	10/9.4	Ea
RAWS-3442	1¾ (44.5)	¾ - 10	4¼ (108.0)	¼ (31.8)	10/6.8	Ea
RAWS-3446	2¼ (57.2)	¾ - 10	4¾ (120.7)	¾ (19.1)	10/7.4	Ea
RAWS-3454	3 (76.2)	¾ - 10	5½ (139.7)	1½ (38.1)	10/8.1	Ea
RAWS-3462	3¾ (95.3)	¾ - 10	6¼ (158.8)	2¼ (57.2)	10/9.1	Ea
RAWS-3470	4½ (114.3)	¾ - 10	7 (177.8)	3 (76.2)	10/9.7	Ea
RAWS-3484	3½ (88.9)	¾ - 10	8½ (215.9)	4½ (114.3)	10/12.3	Ea
RAWS-34100	1¾ (44.5)	¾ - 10	10 (254.0)	6 (152.4)	10/14.0	Ea
RAWS-34120	1¾ (44.5)	¾ - 10	12 (304.8)	8 (203.2)	10/16.6	Ea
RAWS-7860	2½ (63.5)	⅞ - 9	6 (152.4)	1⅜ (34.9)	5/6.3	Ea
RAWS-7880	2½ (63.5)	⅞ - 9	8 (203.2)	3⅜ (85.7)	5/8.1	Ea
RAWS-78100	2½ (63.5)	⅞ - 9	10 (254.0)	5⅜ (136.5)	5/9.8	Ea
RAWS-10060	2½ (63.5)	1/8/2002	6 (152.4)	½ (12.7)	5/8.3	Ea
RAWS-10090	2½ (63.5)	1/8/2002	9 (228.6)	3½ (88.9)	5/11.6	Ea
RAWS-100120	2½ (63.5)	1/8/2002	12 (304.8)	6½ (165.1)	5/15.0	Ea

RED HEAD
CONCRETE ANCHORING SPECIALISTS

ITW REDHEAD

Wedge Anchors

Type 304 Stainless Steel

Trubolt®

Typical applications-Cladding, stadium seating, etc.

Serves many applications well. It withstands rusting in architectural and food processing environments and resists organic chemicals, dye stuffs and many inorganic chemicals.

Item #	Thread Length in. (mm)	Anchor Dia. & Drill Bit Size (Threads) Per (in.)	Overall Length in. (mm)	Max. Thickness of Material to be Fastened in. (mm)	Qty/Wt per Box (lbs.)
RAWW-1416	¾ (19.1)	¼ - 20	1¾ (44.5)	⅜ (9.5)	100/3.2
RAWW-1422	1¼ (31.8)	¼ - 20	2¼ (57.2)	⅞ (22.2)	100/3.7
RAWW-1432	2¼ (57.2)	¼ - 20	3¼ (82.6)	1⅞ (47.6)	100/4.8
RAWW-3822	1⅛ (28.6)	⅜ - 16	2¼ (57.2)	⅜ (9.5)	50/4.1
RAWW-3826	1⅝ (41.3)	⅜ - 16	2¾ (69.9)	⅞ (22.2)	50/4.8
RAWW-3830	1⅞ (47.6)	⅜ - 16	3 (76.2)	1⅛ (28.6)	50/5.1
RAWW-3836	2⅝ (66.7)	⅜ - 16	3¾ (95.3)	1⅞ (47.6)	50/6.0
RAWW-3850	2¾ (69.9)	⅜ - 16	5 (127.0)	3⅛ (79.4)	50/7.5
RAWW-1226	1¼ (31.8)	½ - 13	2¾ (69.9)	⅛ (3.2)	25/4.7
RAWW-1236	2¼ (57.2)	½ - 13	3¾ (95.3)	1 (25.4)	25/5.8
RAWW-1242	2¾ (69.9)	½ - 13	4¼ (108.0)	1½ (38.1)	25/6.3
RAWW-1254	3 (76.2)	½ - 13	5½ (139.7)	2¾ (69.9)	25/7.7
RAWW-1270	3½ (88.9)	½ - 13	7 (177.8)	4¼ (108.0)	25/9.4
RAWW-5834	1¾ (44.5)	⅝ - 11	3½ (88.9)	⅛ (3.2)	10/3.6
RAWW-5850	3¼ (82.6)	⅝ - 11	5 (127.0)	1⅝ (41.3)	10/4.8
RAWW-5860	3½ (88.9)	⅝ - 11	6 (152.4)	2⅝ (66.7)	10/5.5
RAWW-5870	3½ (88.9)	⅝ - 11	7 (117.8)	3⅝ (92.1)	10/6.2
RAWW-3446	2¼ (57.2)	¾ - 10	4¾ (120.7)	¾ (19.1)	10/6.7
RAWW-3454	3 (76.2)	¾ - 10	5½ (139.7)	1½ (38.1)	10/7.5
RAWW-3470	4 (101.6)	¾ - 10	7 (117.8)	3 (76.2)	10/9.2
RAWW-34100	1¾ (44.5)	¾ - 10	10 (254.0)	6 (152.4)	10/13.5
RAWW-10090	2½ (63.5)	1/8/2002	9 (228.6)	3½ (88.9)	5/11.4

Need Stainless Steel?

Call Edge today!

RED HEAD

ITW REDHEAD

Wedge Anchors

Type 316 Stainless Steel

Trubolt®

Typical applications-Pumps, diffusers, gates, weir plates, etc.
Environment-Industrial (moderate to heavy atmospheric pollution)
Level of corrosion-Medium to high
Typical applications-Tunnels, dams, tiles, lighting fixtures, etc.
Environment-Marine (heavy atmospheric pollution)
Level of corrosion-High
Contains more nickel and chromium than Type 304, and 2%-3% molybdenum, which gives it better corrosion resistance. It is especially more effective in chloride environments that tend to cause pitting.

Item #	Thread Length in. (mm)	Anchor Dia. & Drill Bit Size (Threads) Per (in.)	Overall Length in. (mm)	Max. Thickness of Material to be Fastened in. (mm)	Qty/Wt. per Box (lbs.)
RASWW-1422	1¼ (31.8)	¼ - 20	2¼ (57.2)	⅞ (22.2)	100/3.7
RASWW-1432	2¼ (57.2)	¼ - 20	3¼ (82.6)	1⅛ (28.6)	100/4.8
RASWW-3826	1⅝ (41.3)	⅜ - 16	2¾ (69.9)	⅞ (22.2)	50/4.8
RASWW-3830	1⅞ (47.6)	⅜ - 16	3 (76.2)	1⅛ (28.6)	50/5.2
RASWW-3836	2⅝ (66.7)	⅜ - 16	3¾ (95.5)	1⅞ (47.6)	50/6.0
RASWW-1226	1¼ (31.8)	½ - 13	2¾ (69.9)	⅛ (3.2)	25/4.7
RASWW-1236	2¼ (57.2)	½ - 13	3¾ (95.3)	1 (25.4)	25/5.8
RASWW-1242	2¾ (69.9)	½ - 13	4¼ (108.0)	1½ (38.1)	25/6.5
RASWW-1254	3 (76.2)	½ - 13	5½ (139.7)	2¾ (69.9)	25/7.8
RASWW-5850	3¼ (82.6)	⅝ - 11	5 (127.0)	1⅝ (41.3)	10/4.8
	3 (76.2)	¾ - 10	5½ (139.7)	1½ (38.1)	10/8.1

ITW REDHEAD

Drop-In Anchors

Lipped

RM Series

- For solid concrete, lightweight fill deck
- Lipped anchor body keeps anchor flush

Item #	Bolt Size-Threads per (in.)	Drill Bit Size in. (mm)	Thread Depth in. (mm)	Embedment Min. Hole Depth in. (mm)	Qty/Wt. per Box (lbs.)
RARM-14	¼ - 20	⅜ (9.5)	1 (25.4)	100/2.6	
RARM-38	⅜ - 16	½ (12.7)	1⅝ (41.3)	50/3.4	
RARM-12	½ - 13	⅝ (15.9)	¾ (19.1)	2 (50.8)	50/5.8
RASSRM-12	½ - 13	⅝ (15.9)	¾ (19.1)	2 (50.8)	50/5.8

ITW REDHEAD

Drop-In Anchors

Shallow Embedment

RX Series

- ASK ABOUT USING A STOP DRILL BIT
- Optimized for use in hollow-core, pre-cast plank and post-tension slabs
- Lip keeps anchor flush during installation
- Shallow drilling—fast installation
- Inquire about stop-bit to save time and keep drilling from going too deep

Item #	Bolt Size-Threads per (in.)	Drill Bit Size in.	Thread Depth in.	Embedment Min. Hole Depth in. (mm)	Qty/Wt. per Box (lbs.)
RARX-38	⅜ - 16	½	⅜	¾	100/3.5
RARX-12	½ - 13	⅝	½	1	50/3.0

ITW REDHEAD

Drop-In Anchors

Shell-Type

Multi-Set II®

- Specified for anchorage into concrete
- Drop-in, shell-type anchors feature an internally threaded, all-steel shell with expansion cone insert and flush embedment lip
- Easy removability-use any head style or material bolt rod
- Below surface setting for easy patch work

Item #	Bolt Size-Threads per (in.)	Drill Bit Size in. (mm)	Thread Depth in. (mm)	Embedment Min. Hole Depth in. (mm)	Setting Tool Part Number	Qty/Wt. Tool per Box (lbs.)
RARL-14	¼ - 20	⅜ (9.5)	1 (25.4)	RT-114	100/2.6	
RARL-38	⅜ - 16	½ (12.7)	1⅝ (41.3)	RT-138	50/3.4	
RARL-12	½ - 13	⅝ (15.9)	¾ (19.1)	2 (50.8)	RT-112	50/5.8
RARL-58	⅝ - 11	⅞ (22.2)	1 (25.4)	2½ (63.5)	RT-158	25/7.8
RARL-34	¾ - 10	1 (25.4)	1¼ (31.8)	3³⁄₁₆ (81.0)	RT-134	25/11.9
18-8 S.S.						
RASRM-14	¼ - 20	⅜ (9.5)	1 (25.4)	RT-114	100/2.6	
RASRM-38	⅜ - 16	½ (12.7)	1⅝ (41.3)	RT-138	50/3.4	
RASRM-12	½ - 13	⅝ (15.9)	¾ (19.1)	2 (50.8)	RT-112	50/5.8
RASRM-58	⅝ - 11	⅞ (22.2)	1 (25.4)	2½ (63.5)	RT-158	25/7.8
RASRM-34	¾ - 10	1 (25.4)	1¼ (31.8)	3³⁄₁₆ (81.0)	RT-134	25/11.9

ITW REDHEAD

Drop-In Anchors Setting Tools

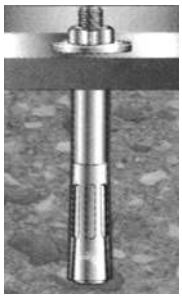
Item #	Desc.
RART-114	¼" Tool
RART-138	⅜" Tool
RART-112	½" Tool
RART-158	⅝" Tool
RART-134	¾" Tool
RARTX-138	⅜" Tool RX Series

ITW REDHEAD

Sleeve Anchors

Carbon Steel

Dynabolt®



Carbon steel with zinc plating
Typical applications - Shelf ledgers, electrical boxes, conduit
Environment - Interior (non-corrosive)
Level of corrosion - Low

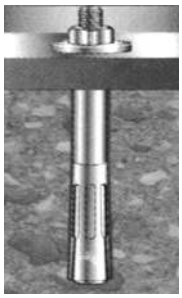
Item #	Head Style	Anchor Dia. (in.) & Drill Bit Size (Threads) per Inch	Effective Anchor Length in. (mm)	Bolt Dia. (in.) / Threads per Inch	Min. Embedment in. (mm)	Max. Thickness of Material to be Fastened in. (mm)	Qty/Wt per Box (lbs.)
RAHN-1405	Hex Nut	¼ - 20	⅝ (15.9)	3⁄16 /24	½ (12.7)	⅛ (3.2)	100/ 1.6
RAHN-5860	Hex Nut	⅝ - 11	6 (152.4)	½ /13	2 (50.8)	4 (101.6)	10/ 4.9
RAHX-1222	Hex Coupling (Rod Hanger)	½ - 13	2¼ (57.2)	½ /13 Hanger	1⅞ (47.6)		25/ 6.5
RAHX-3822	Hex Coupling (Rod Hanger)	⅜ - 16	1⅞ (47.6)	⅜ /16 Hanger	1½ (38.1)		50/ 6.0

ITW REDHEAD

Sleeve Anchors

Stainless Steel

Dynabolt®



Type 304 stainless steel
Typical applications - Cladding and brick ties
Environment - Slight to moderate degree of pollution
Level of corrosion - Medium

Item #	Anchor Dia. (in.) & Drill Bit Size (Threads) per Inch	Effective Anchor Length in. (mm)	Bolt Dia. (in.) / Threads per Inch	Min. Embed-ment in. (mm)	Max. Thickness of Material to be Fastened in. (mm)	Qty/Wt per Box (lbs.)	Qty/Wt per Master Carton (lbs.)	Head Style
RASFS-1430	¼ - 20	3⅛ (79.4)	3⁄16 /24	1⅛ (28.6)	3 (76.2)	100/ 3.8	1000/ 38	Flat Head
RASFS-3826	⅜ - 16	2⅞ (73.0)	5⁄16 /18	1½ (38.1)	1⅜ (34.9)	50/ 3.8	500/ 40	Flat Head
RASFS-3840	⅜ - 16	4 (101.6)	5⁄16 /18	1½ (38.1)	2½ (63.5)	50/ 5.3	400/ 44	Flat Head
RASHN-1230	½ - 13	3 (76.2)	⅜ /16	1⅞ (47.6)	1⅛ (28.6)	25/ 4.0	200/ 33	Hex Nut
RASRS-1420	¼ - 20	2 (50.8)	3⁄16 /24	1⅛ (28.6)	⅞ (22.2)	100/ 2.7	1000/ 28	Round Head

ITW REDHEAD

"Original Masonry" Anchors

Fast & Easy

Tapcon®

- The "Original masonry" anchor that cut its own threads into concrete, brick, or block. Maximum performance is achieved because the tapcon anchor, the condrive installation tool, and the carbide-tipped tapcon drill bits are designed to work as a system. It is essential to use the condrive tool and the correct drill bit to assure consistent anchor performance.
- Works in all masonry base materials
- Removable and reusable
- Slotted hex and phillips flat head styles
- Excellent corrosion protection-Climaseal™ coated
- Hi-Lo threads with notches cut into masonry materials for greater stability and pullout values
- Lengths of tapcon anchors range from 1-1/4" to 4" in 3/16" and up to 6" and 1/4" diameters.
- Anchor embedment-with a minimum of 1-1/4" to a maximum of 1-3/4" anchor embedment recommended.
- Hole diameter-proper hole diameter is very important to insure consistent performance and maximum pullout strength. 3/16" anchors require 5/32" diameter bits, and 1/4" anchors require 3/16" diameter bits
- All boxes of ITW Tapcon come packaged with matching carbide-tipped bit; Tapcon is packaged 100 pieces per box

Item #	Tapcon Length in. (mm)	Fixture Thickness (in.)	Bit Length in. (mm)	UoM
3⁄16 in. Hex Head				
RAHW3-114	1¼ (31.8)	0-¼	3½ (88.9)	Ea
RAHW3-134	1¾ (44.5)	¼ - ¾	3½ (88.9)	Ea
RAHW3-214	2¼ (57.2)	¾ - 1¼	4½ (114.3)	Ea
RAHW3-234	2¾ (69.9)	1¼ - 1¾	4½ (114.3)	Ea
RAHW3-314	3¼ (82.6)	1¾ - 2¼	5½ (139.7)	Ea
[1/4] in. Hex Head				
RAHW4-114	1¼ (31.8)	0 - ¼	3½ (88.9)	Ea
RAHW4-134	1¾ (44.5)	¼ - ¾	3½ (88.9)	Ea
RAHW4-214	2¼ (57.2)	¾ - 1¼	4½ (114.3)	Ea
RAHW4-234	2¾ (69.9)	1¼ - 1¾	4½ (114.3)	Ea
RAHW4-314	3¼ (82.6)	1¾ - 2¼	5½ (139.7)	Ea
3⁄16 in. Flat Head				
RAPF3-114	1¼ (31.8)	0 - ¼	3½ (88.9)	Ea
RAPF3-134	1¾ (44.5)	¼ - ¾	3½ (88.9)	
RAPF3-214	2¼ (57.2)	¾ - 1¼	4½ (114.3)	Ea
RAPF-234	2¾ (69.9)	1¼ - 1¾	4½ (114.3)	Ea
RAPF3-314	3¼ (82.6)	1¾ - 2¼	5½ (139.7)	Ea
¼ in. Flat Head				
RAPF4-114	1¼ (31.8)	0 - ¼	3½ (88.9)	Ea
RAPF4-134	1¾ (44.5)			
RAPF4-214	2¼ (57.2)	¾ - 1¼	4½ (114.3)	Ea
RAPF4-234	2¾ (69.9)			
RAPF4-314	3¼ (82.6)	1¾ - 2¼	5½ (139.7)	Ea

ITW REDHEAD

Blow-Out Bulb

- Qty/Bag: 1

Item #
RABB-10

Power-Stud+™ SD2

Wedge Type Expansion Anchor

- Base Material: Normal-Weight Concrete, Structural Dand-Lightweight Concrete, Concrete over Metal Deck, Grout-Filled Masonry
- Anchor Material: Zinc-plated Carbon Steel Body with Stainless Steel Expansion Clip
- The {Power-Stud+SD2 anchor is a fully threaded, torque-controlled, wedge expansion anchor which is designed for consistent performance in cracked and uncracked concrete
- CRACKED CONCRETE APPROVALS
- Code Listed: ICC-ES ESR-2502

Item #	Size (in.)	Thread Length (in.)	Std. Box
RL7413SD2	⅜X3	1⅝	50
RL7414SD2	⅜X3½	2¼	50
RL7415SD2	⅜X3¾	2½	50
RL7416SD2	⅜X5	3¾	50
RL7422SD2	½X3¾	2⅛	50
RL7423SD2	½X4½	2⅞	50
RL7424SD2	½X5½	2⅞	50
RL7426SD2	½X7	5⅜	25
RL7427SD2	½X8½	6⅞	25
RL7435SD2	⅝X4¾	2⅞	25
RL7433SD2	⅝X5	3⅛	25
RL7434SD2	⅝X6	4⅛	25
RL7436SD2	⅝X7	5⅛	25
RL7438SD2	⅝X8½	6⅝	25
RL7442SD2	¾X5½	3¼	20
RL7444SD2	¾X6¼	4	20
RL7446SD2	¾X7	4¾	20
RL7448SD2	¾X8½	6¼	10

POWERS FASTENERS

Power-Stud+™ SD1

Wedge Type Expansion Anchor

- Base Material: Normal-Weight Concrete, Structural Dand-Light-weight Concrete, Concrete over Metal Deck, Grout-Filled Masonry
- Anchor Material: Zinc-plated Carbon Steel Body and Expansion Clip, with Nut and Washer
- The Power-Stud+SD1 anchor is a fully threaded, torque-controlled, wedge expansion anchor which is designed for consistent performance in cracked and uncracked concrete
- CRACKED CONCRETE APPROVALS
- Code Approvals Listed: ICC-ES ESR-2818, ICC-ES ESR-2966

Item #	Size (in.)	Thread Length (in.)	Std. Box
RL7400SD1	¼X1¾	¾	100
RL7402SD1	¼X2¼	1¼	100
RL7404SD1	¼X3¼	2¼	100
RL7410SD1	⅜X2¼	⅞	50
RL7412SD1	⅜X2¾	1⅜	50
RL7413SD1	⅜X3	1⅝	50
RL7414SD1	⅜X3½	2⅛	50
RL7415SD1	⅜X3¾	2⅜	50
RL7416SD1	⅜X5	3⅝	50
RL7417SD1	⅜X7	5⅝	50
RL7420SD1	½X2¾	1	50
RL7422SD1	½X3¾	2	50
RL7424SD1	½X5½	2¾	50
RL7426SD1	½X7	5¼	25
RL7427SD1	½X8½	6¾	25
RL7428SD1	½X10	8¼	25
RL7430SD1	⅝X3½	1½	25
RL7432SD1	⅝x4½	2½	25
RL7433SD1	⅝X5	3	25
RL7434SD1	⅝X6	4	25
RL7436SD1	⅝X7	5	25
RL7438SD1	⅝X8½	6½	25
RL7439SD1	⅝X10	8	25
RL7440SD1	¾X4¼	1¾	20
RL7441SD1	¾X4¾	2¼	20
RL7442SD1	¾X5½	3	20
RL7444SD1	¾X6¼	3¾	20
RL7446SD1	¾X7	4½	20
RL7448SD1	¾X8½	6	10
RL7449SD1	¾X10	7½	10
RL7451SD1	¾X12	9½	10
RL7450SD1	⅞X6	2¾	10
RL7452SD1	⅞X8	4¾	10
RL7454SD1	⅞X10	6¾	10
RL7461SD1	1X6	2⅜	10
RL7463SD1	1X9	5⅜	10
RL7463SD1	1X12	8⅜	5
RL7465SD1	1¼X9	4¾	5
RL7473SD1	1¼X9	4¾	5
RL7475SD1	1¼X12	7¾	5

POWERS FASTENERS

Wedge-Bolt®+ Screw Anchor

Carbon Steel

Wedge-Bolt®

- INSTALL WITH POWERS WEDGE BIT
- Base Material: Normal-Weight Concrete, Structural Sand-Light-weight Concrete, Concrete Over Metal Deck, Grouted CMU
- Anchor is made of Zinc Plated Carbon Steel with a Hex Head
- The Wedge-Bolt®+ anchor is a one piece, heavy-duty screw anchor with a finished hex head
- Simple to install, easy to identify and fully removable
- Designed for consistent and reliable performance in CRACKED AND UNCRACKED CONCRETE
- Code Approvals: ICCES ESR-2526 (Concrete), ICCES ESR-1678 (CMU)

Item #	Dia. Size & Length (in.)	Min. Embed. (in.)	Std. Box
RL7204SD	¼ x 1¼	1	100
RL7206SD	¼ x 1¾	1	100
RL7208SD	¼ x 2¼	1¾	100
RL7210SD	¼ x 3	1¾	100
RL7220SD	⅜ x 1¾	1½	50
RL7222SD	⅜ x 2½	2⅛	50
RL7224SD	⅜ x 3	2⅛	50
RL7226SD	⅜ x 4	2⅛	50
RL7228SD	⅜ x 5	2⅛	50
RL7230SD	⅜ x 6	2⅛	50
RL7240SD	½ x 2	1¾	50
RL7242SD	½ x 2½	2	50
RL7244SD	½ x 3	2½	50
RL7246SD	½ x 4	2½	50
RL7248SD	½ x 5	2½	25
RL7250SD	½ x 6	2½	25
RL7268SD	½ x 6½	2½	25
RL7252SD	½ x 8	2½	25
RL7260SD	⅝ x 3	2½	25
RL7262SD	⅝ x 4	3¼	25
RL7264SD	⅝ x 5	3¼	25
RL7266SD	⅝ x 6	3¼	25
RL7270SD	⅝ x 8	3¼	25
RL7280SD	¾ x 3	2½	20
RL7282SD	¾ x 4	3	20
RL7284SD	¾ x 5	4¼	20
RL7286SD	¾ x 6	4¼	20
RL7288SD	¾ x 8	4¼	10
RL7290SD	¾ x 10	4¼	10

POWERS FASTENERS

Wedge-Bit™

Wedge-Bit™

- For proper performance, the Wedge-Bolt® anchor must be installed with a Wedge-Bit™
- The Wedge-Bit™ has a special matched tolerance range designed to provide optimum performance for the anchor
- Std. Pouch: 1

Item #	Drill Size (in.)	Usable Length (in.)	Overall Length (in.)
SDS-PLUS WEDGE BIT™			
RL1312	¼	2	4
RL1314	¼	4	6
RL1316	⅜	4	6
RL1318	⅜	6	8
RL1320	½	4	6
RL1322	½	8	10
RL1324	⅝	6	8
RL1326	⅝	10	12
RL1328	¾	6	8
RL1330	¾	10	12
SPLINE WEDGE-BIT™			
RL1344	⅝	8	13
RL1348	¾	8	13
SDS-MAX WEDGE-BIT™			
RL1356	⅝	8	13
RL1358	¾	8	13

POWERS FASTENERS

Snake+™

Internally Threaded Self-Tapping Anchor

- Base Material: Normal-Weight Concrete, Structural Sand-Lightweight Concrete, Concrete Over Metal Deck
- Anchor Material: Zinc Plated Carbon Steel
- Code Approvals: ICCES ESR-2272 (3/8 diameter)

Item #	Size (in.)	Min. Hole Depth (in.)	Internal Thread Depth (in.)	Std. Box
RL6401SD	⅜	1⅝	11⁄16	50
RL6403SD	½	2½	29⁄32	50

POWERS FASTENERS

Snake Setting Tool

- Snake & Snake+ setting tool

Item #	Size (in.)	Std. Box
RL6407SD	⅜	1
RL6404SD	½	1

POWERS FASTENERS

Concrete Vertgo®+

Rod Hanger System

- Rod hanger for Concrete applications
- Finish: Yellow Dichromate
- Full ctns. packed with Wedge-Bit
- Code Listed: ESR-2989

Item #	Rod Size (in.)	Screw Shank Size and Length (in.)	Box Qty.
RL7180SD	¼	⅜X2⅛	100
RL7181SD	⅜	⅜X2⅛	100
RL7182SD	½	⅜X2⅛	50
Driver Socket for Vertgo™+ Anchors			
RL7198SD	N/A	5	

POWERS FASTENERS

AC100+Gold®

Acrylic Adhesive Anchoring System

The AC100+Gold is a two-component vinylester adhesive anchoring system. The system includes injection adhesive in plastic cartridges, mixing nozzles, dispensing tools and hole cleaning equipment. The AC100+Gold is designed for bonding threaded and reinforcing bar hardware into holes in concrete and masonry base materials.

- Mixing nozzle included with each cartridge
- Code Approvals: ICC-ES ESR-2582

Item #	Cartridge Size (oz.)	Cartridge Type	Std. Box
RL8478SD	10	Quik-Shot	12
RL8480SD	8	Dual Cartridge	12
RL8486SD	12	Dual Cartridge	12
RL8490SD	28	Dual Cartridge	8
Cartridge System Mixing Nozzles			
RL08293	5,8,10, 12	AC100+Gold	2
RL08294	28 (includes 8" extension)	AC100+Gold	2
RL08281	8" Mixing Nozzle Extension	AC100+Gold	2

POWERS FASTENERS

Manual Injection Tools for AC100+ Gold

Item #	Desc.	Box Qty.	Carton Qty.
RL08484	AC100+Gold 8 oz. standard all metal manual tool	1	20
RL08495	AC100+Gold 28 oz. high performance manual tool	1	20

POWERS FASTENERS

Blue Perma-Seal Tapper+

Masonry Screw Anchor

Tapper Screws

- The Tapper Anchoring System is a family of screw anchors, specially designed drill bits and installation tools designed to meet the needs of most light to medium duty applications in concrete, block and brick
- The Tapper concrete screw anchor is produced in either hex washer head or Phillips head styles from Perma-Seal® coated or zinc plated carbon steel
- The anchor is fast and easy to install providing a neat, finished appearance in a variety of vase materials including poured concrete, brick and concrete block for applications in new construction, remodeling and maintenance
- During installation, the specially designed nail point guides the anchor into a pre drilled hole; as the anchor is driven into the hole, the threads cut into the walls of the hole to provide a tight friction fit

Item #	Size (in.)	Drill Bit Range (in.)	Usable Length (in.)
Hex Washer Head			
RL2700SD	3/16x1 1/4		
RL2702SD	3/16x1 3/4		
RL2704SD	3/16x2 1/4		
RL2706SD	3/16x2 3/4		
RL2708SD	3/16x3 1/4		
RL2710SD	3/16x3 3/4		
RL2712SD	3/16x4		
RL2720SD	1/4x1 1/4		
RL2722SD	1/4x1 3/4		
RL2724SD	1/4x2 1/4		
RL2726SD	1/4x2 3/4		
RL2728SD	1/4x3 1/4		
RL2730SD	1/4x3 3/4		
RL2732SD	1/4x4		
RL2734SD	1/4x5		
RL2736SD	1/4x6		
Phillips Flat Head			
RL2740SD	3/16x1 1/4		
RL2742SD	3/16x1 3/4		
RL2744SD	3/16x2 1/4		
RL2746SD	3/16x2 3/4		
RL2748SD	3/16x3 1/4		
RL2750SD	3/16x3 3/4		
RL2752SD	3/16x4		
RL2760SD	1/4x1 1/4		
RL2762SD	1/4x1 3/4		
RL2766SD	1/4x2 3/4		
RL2768SD	1/4x3 1/4		
RL2770SD	1/4x3 3/4		
RL2764SD	1/4x2 1/4		
RL2772SD	1/4X4		
RL2774SD	1/4x5		
RL2776SD	1/4x6		
Straight Shank Drill Bits for Tapper+			
RL2781	5/32 x 3 1/2	0.168-0.175	2
RL2782	5/32 x 4 1/2	0.168-01.75	3
RL2783	5/32 x 5 1/2	0.168-0.175	4
RL2785	3/16 x 3 1/2	0.202-0.204	2
RL2786	3/16 x 4 1/2	0.202-0.204	3
RL2787	3/16 x 5 1/2	0.202-0.204	4
RL2788	3/16 x 6 1/2`	0.202-0.204	5
RL2789		0.202-0.204	6
Hex Shank SDS-Plus Bits for Tapper+			
RL2793	5/32 x 5	0.168-0.175	3
RL2794	5/32 x 7	0.168-0.175	5
RL2796	3/16 x 5	0.202-0.204	3
RL2797	3/16 x 7	0.202-0.204	5

POWERS FASTENERS

Hole Cleaning Tools & Accessories

Item #	Desc.	Length (in.)	Std. Package
RL08284	Wire brush for 7⁄16" ANSI hole (3⁄8" rod or #3 rebar)	6¾	1
RL08285	Wire brush for 9⁄16" ANSI hole (1⁄2" rod or #4 rebar)	6¾	1
RL08286	Wire brush for 11⁄16" ANSI hole (5⁄8" rod or #5 rebar)	7⅞	1
RL08287	Wire brush for 7⁄8" ANSI hole (3⁄4" rod or #6 rebar)	7⅞	1
RL08288	Wire brush for 1" ANSI hole (7⁄8" rod or #7 rebar)	11⅞	1
RL08289	Wire brush for 1⅛" ANSI hole (1" rod or #8 rebar)	11⅞	1
RL08290	Wire brush for 1⅜" ANSI hole (1¼" rod or #9 rebar)	11⅞	1
RL08291	Wire brush for 1½" ANSI hole (#10 rebar)	11⅞	1
RL08283	SDS-plus adapter for steel brushes		1
RL08296	Standard drill adapter for steel brushes (e.g. Jacobs Chuck)		1
RL08282	Steel brush extension, 12"		1
RL08280	Hand pump/dust blower (25 fl. oz. cylinder volume)		1

POWERS FASTENERS

PE1000+®

Epoxy Adhesive Anchoring System

The PE1000+® is a two-component, high strength epoxy adhesive anchoring system. The system includes injection adhesive in plastic cartridges, mixing nozzles, dispensing tools and hole cleaning equipment. The PE1000+® is designed for bonding threaded rod and reinforcing bar hardware into drilled holes in solid concrete base materials.

- Mixing nozzle included with each cartridge
- Code Approvals: ICC-ES ESR-2583

Item #	Cartridge Size (oz.)	Cartridge Type	Std. Box
RL0500SD	13	Dual Cartridge	12
RL0502SD	20	Dual Cartridge	12
Cartridge System Mixing Nozzles			
RL08294	13,20	PE1000+	2
RL08281	8" Mixing Nozzle Extension	PE1000+	2

POWERS FASTENERS

PE1000+ Dispensing Tool

- RL08298 shown

Item #	Desc.	Standard Box
RL08298	20 oz. PE1000+ heavy-duty manual dispensing tool	1
RL08497SD	13 oz. + 20 oz. PE1000+ pneumatic dispensing tool	1

POWERS FASTENERS

Zamac Hammer-Screw Anchors

Mushroom Head

Zamac Hammer-Screw®

- The Zamac Hammer-Screw® is a unique, one-step drive anchor featuring a Phillips type head and a screw thread for use in concrete, block, brick or stone.
- With a body formed from corrosion resistant Zamac alloy and a carbon drive screw, this anchor has been developed by Powers as an improvement over standard nailin anchors.
- Traditionally, Zamac Nailin® anchors have been used for light duty, non-engineered applications and have not been recommended for use overhead. In order to overcome these problems, the new Zamac Hammer-Screw® has been designed to provide a removable anchor with 40% higher tension load capacities when installed in concrete.
- The Zamac Hammer-Screw® can be used overhead provided it is part of an engineered system designed by an engineer who will take the proper design considerations and safety factors into account.
- Mushroom head with No. 2 Phillips type screw
- Base material: Concrete, block, brick, stone
- Anchor material: Zamac alloy with carbon or stainless steel drive screw
- Drill Dia.: 1/4"

Item #	Size (in.)	Std. Box	UoM
RL2839	¼ x ¾	100	Ea
RL2840	¼ x 1	100	Ea
RL2842	¼ x 1¼	100	Ea
RL2844	¼ x 1½	100	Ea
RL2846	¼ x 2	100	Ea
RL2848	¼ x 2¼	100	
RL2850	¼ x 3	100	Ea
RL2939	¼ x ¾	1000	
RL2940	¼ x 1	1000	Ea
RL2942	¼ x 1¼	1000	Ea
RL2944	¼ x 1½	1000	Ea
RL2946	¼ x 2	1000	Ea
RL2948	¼ x 2¼	1000	

POWERS FASTENERS

Zamac Nailin®

Drive Pin Type Anchor

- Base material: Concrete, block, brick, stone
- Anchor material: Zamac alloy with carbon or stainless steel drive pin
- The Zamac Nailin® is a temper-proof nail drive anchor which has a body formed from Zamac alloy
- Nails are available in carbon or stainless steel
- The anchor can be used in concrete, block, brick or stone, this anchor is not recommended for applications overhead

Item #	Size (in.)	Drill Dia. (in.)	Std. Box
Mushroom Head - Carbon Steel Nail			
RL2802	3⁄16 x 7⁄8	3⁄16	100
RL2803	3⁄16 x 7⁄8	3⁄16	1000
RL2806	1⁄4 x 3⁄4	1⁄4	100
RL2808	1⁄4 x 1	1⁄4	100
RL2814	1⁄4 x 1 1⁄4	1⁄4	100
RL2820	1⁄4 x 1 1⁄2	1⁄4	100
RL2826	1⁄4 x 2	1⁄4	100
RL2804	1⁄4 x 3	1⁄4	100

POWERS FASTENERS

Nylon Nailin®

Plastic Drive Pin Type Anchor

- Base material: Concrete, block, brick
- Anchor material: Engineered nylon with carbon or stainless steel drive pin
- The Nylon Nailin® is a pin drive anchor with a body formed from engineered nylon and nails available in carbon and stainless steel
- The anchor can be used in concrete, block, or brick, this anchor is not recommended for applications overhead

Item #	Size (in.)	Drill Diam. (in.)	Std. Box
Round Head Nylon Nailin®-Carbon Steel Nail			
RL2542	1⁄4 x 1 1⁄2	1⁄4	100
RL2562	1⁄4 x 2	1⁄4	100
Mushroom Head Nylon Nailin®-Carbon Steel Nail			
RL2433	3⁄16 x 1	3⁄16	100
RL2513	1⁄4 x 3⁄4	1⁄4	100
RL2523	1⁄4 x 1	1⁄4	100
RL2543	1⁄4 x 1 1⁄2	1⁄4	100
RL2563	1⁄4 x 2	1⁄4	100
RL2573	1⁄4 x 3	1⁄4	100
RL2583	1⁄4 x 4	1⁄4	100

POWERS FASTENERS

Spike® Anchor

Spike®

- Base material: Concrete, block, brick, stone
- The Spike® anchor is a patented, one-piece, tamper-proof vibration resistant anchor for use in concrete, block, brick or stone
- The Spike® anchor is formed with an "s" shaped configuration at the working end of the anchor to create an expansion mechanism
- Since the anchor is pre-expanded, there is no secondary tightening operation required which greatly reduces the overall cost of an anchor installation

Item #	Head Size (in.)	Drill Dia. (in.)	Min. Embed. (in.)	Tie-Wire Hole Size	Std. Box
Pipe Spike®					
RL3755	1⁄4	3⁄16	1 1⁄4		100
RL3758	3⁄8	1⁄4	1 3⁄4		100
Tie-Wire Spike®					
RL3756	3⁄16	1 1⁄4	3⁄16	100	
RL3759	1⁄4	1 1⁄4	9⁄32	100	
Forming Spike®					
RL3795	3⁄16 x 1 1⁄2	3⁄16	1 1⁄4		100
RL3794	1⁄4 x 2 3⁄4	1⁄4	1 1⁄4		100

POWERS FASTENERS

Pipe Spike® Setting Tool

- While the Spike® anchor can easily be installed using a hammer, a specially designed series of drivers and manual tolls provide a fast, easy to use method for installing Spike® anchors into concrete and masonry materials
- The tools allow Spike® anchors to be installed in confined areas and prevent damage to the fixture from stray hammer blows
- TIP O.D.: 5/16”

Item #
RL3760

POWERS FASTENERS

Steel Dropin

Stainless Steel

- Type 304 Stainless Steel Dropin

Item #	Size (in.)	Drill Dia. (in.)	Min. Depth (in.)	Thread Depth (in.)	Std. Box
RL6206	3⁄8	1⁄2	1 9⁄16	5⁄8	50
RL6208	1⁄2	5⁄8	2	13⁄16	50

POWERS FASTENERS

Spike® Anchor

Mushroom Head

Spike®

- Base material: Concrete, block, brick, stone
- Anchor material: Grade 8.2 carbon steel
- The Spike® anchor is a patented, one-piece, tamper-proof vibration resistant anchor for use in concrete, block, brick or stone
- The Spike® anchor is formed with an "s" shaped configuration at the working end of the anchor to create an expansion mechanism
- Since the anchor is pre-expanded, there is no secondary tightening operation required which greatly reduces the overall cost of an anchor installation

Item #	Size (in.)	Drill Dia. (in.)	Min. Embed. (in.)	Std. Box
RL5522	¼ x 1	¼	⅞	100
RL5523	¼ x 1¼	¼	1	100
RL5524	¼ x 1½	¼	1¼	100
RL5526	¼ x 2	¼	1¼	100
RL5528	¼ x 2½	¼	1¼	100
RL5530	¼ x 3	¼	1¼	100
RL5531	¼ x 3½	¼	1¼	100
RL5532	¼ x 4	¼	1¼	100

POWERS FASTENERS

Split Drive Type Anchors

Carbon Steel

Drive®

- Base material: Concrete, stone
- The Drive® is a one piece tamper-proof, pre-expanded anchor available in carbon steel for use in concrete and stone
- Tie-Wire Drive® anchors are used for suspended ceiling applications
- The flat head (counter-sunk) style is particularly suited for wood-to-concrete anchoring
- The round head style is for all other applications requiring fast, permanent installations

Item #	Size (in.)	Drill Dia. (in.)	Min. Depth (in.)	Std. Box
RL3631	⅜ x 2½	⅜	1⅞	25
RL3691	⅜ x 3½	⅜	1⅞	25
RL3272	¼ x 2	¼	1⅛	100
RL3302	¼ x 2½	¼	1⅛	100
RL3332	¼ x 3	¼	1⅛	100
RL3362	¼ x 3½	¼	1⅛	100
RL3392	¼ x 4	¼	1⅛	100

Round Head Drive®

Flat Head Drive®

Tie-Wire Drive® (13⁄16 in. Tie-Wire Hole)

POWERS FASTENERS

Toggle Bolt

- The Toggle Bolt is a spring wing type hollow wall anchor designed for use in block, wallboard and other hollow base materials; the Toggle Bolt is a two-part assembly consisting of a machine screw and a spring wing toggle
- The Toggle wing is a permanently pre-assembled unit consisting of four parts: two precision-stamped steel wings attached to a threaded trunnion nut and a pre-stressed high-tensile coil spring
- As the anchor is tightened, the wing configuration is designed to sit flat against the underside of the wall, providing even distribution of loading to prevent pull-through

Item #	Size (in.)	Drill Dia. (in.)
RL4131	3⁄16x3	½
RL4141	3⁄16x4	½
RL4231	¼x3	⅝
RL4241	¼x4	⅝
RL4441	⅜x4	⅞

POWERS FASTENERS

Strap-Toggle™

Hollow Wall Anchor

- The Strap-Toggle™ is a pre-assembled anchor consisting of a carbon steel wing and a locking cap/ratchet leg assembly molded from engineered plastic
- When compared to traditional toggles, this unique anchor can be installed through a smaller hole and does not require a fixture or screw to set in the base material

Item #	Size (in.)	Drill Dia. (in.)	Std. Box
RL4054	¼ x 4	½	50
RL4056	⅜ x 4	¾	25

POWERS FASTENERS

Wallboard Anchors

Engineered Nylon or Zamac Alloy

Zip-It®

- Base Material: Wallboard
- The Zip-It® anchor is a one piece self drilling anchor designed for use in hollow gypsum wallboard for light duty loads
- It is available in both engineered nylon and zamac alloy for use with either No. 6 or No. 8 screws in 3/8" to 1" wallboard
- The Zip-It® Jr. is formed from engineered nylon for use with No. 6 screws in 3/8" to 5/8" wallboard
- Std. Box: 100

Item #	Wall Thickness (in.)	Desc.
RL2348	⅜ to 1	Std. box, No. 8 x 1” screws

POWERS FASTENERS

Anchor Fasteners

Plastic Bantam Plug

Plastic anchor designed for use with lightweight fixtures using a sheet metal or wood screw. A flange formed at the top end of the anchor body allows it to be used in hollow base materials of concrete, block, brick and wallboard. It should not be used overhead. Priced per hundred and sold in full box quantities only.

Size: 10-12 x 1", Drill Dia: 1/4", Min. depth: 1"

- Use in concrete, block, brick, wallboard
- Use with sheet metal or wood screw
- Made of corrosion-resistant plastic
- Layout or hole spotting required
- Light duty
- Collar for hollow material
- Available in kits, includes 100 plugs and slotted/Phillips sheet metal screws, and one Rawl rotary carbide drill bit
- Screw length is equal to work thickness plus anchor length

Item #	Size (in.)	Drill Dia. (in.)	Min. Dpth. (in.)
RL7559	#6-8x¾	3/16	¾
RL7569	#8-10x⅞	3/16	⅞
RL7579	#10-12x1	¼	1
RL7589	#14-16x1½	5/16	1½

Plug (Anchor)

Kits (Anchor & Screw)

POWERS FASTENERS

Wallboard Anchor

Zip-It®

- The Zip-It® anchor is a one piece self drilling anchor designed for use in hollow gypsum wallboard for light duty loads, it is available in both engineered nylon and Zamac alloy for use with No. 8 screws in 3/8" to 1" wallboard
- During installation, the unique drill tip of the Zip-It® uses four offset blades to ensure fast and true cutting
- Two blades are cutting blades and the other two are guide blades that stabilize the anchor for speed and accuracy during installation
- The holding capacity of the anchor is achieved through a unique thread design
- Thin, knife-like threads have an oversized outer diameter that cuts deeply and cleanly into the wallboard to spread the load over a large bearing area while the tapered root of the threaded section compacts the wall material around the anchor to further increase the load capacity
- Once fully seated, the collar of the Zip-it® sets flush to the surface of the wallboard
- Standard box: 100

Item #	Desc.	Type
RL2345	Standard Box, No Screws	Nylon
RL2346Z	Standard Box, No Screws	Zinc
Zip-It® Kit		
RL2349	Standard Box No. 8 x 1" screws	Zinc

BUILDEX

Sammys® For Wood

Vertical Application

Sammys®

- No pre-drilling required
- Quick to install using the Sammy Nut Driver with a cordless drill/driver
- Saves time from traditional methods
- Reduces installation costs
- 1/4"-3/8" use #14 Black Nut Driver #8113910, 1/2" use #14 SW Red Nut Driver # 8114910
- Made in the USA

Item #	Model	Size (in.)	Rod Size (in.)	Ultimate Pull-out (lbs.)
RABX8002957	GST 100	¼ X 1	¼	210 (7/16 OSB) 670 (¾ PLY)
RABX5003957	GST 200	¼ X 2	¼	1760 (FIR)
RABX8004957	GST 300	¼ X 3	¼	2060 (FIR)
RABX8007957	GST 10	¼ X 1	⅜	210 (7/16 OSB) 670 (¾ PLY)
RABX8008957	GST 20	¼ X 2	⅜	1760 (FIR)
RABX8008925	GST 20-SS	¼ X 2	⅜	1760 (FIR)
RABX8009925	GST 25-380	⅜ X 2½	⅜	2113 (FIR)
RABX8010957	GST 30	¼ X 3	⅜	2060 (FIR)
RABX8069925	GST 30-SS	¼ X 3	⅜	2060 (FIR)
RABX8011925	GST 40	¼ X 4	⅜	2180 (FIR)
RABX8013925	GST 2	¼ X 2	½	1760 (FIR)
RABX8014925	GST 2.5-380	⅜ X 2½	½	2113 (FIR)
RABX8015925	GST 3	¼ X 3	½	2275 (FIR)

BUILDEX

Sammys® Side-winder™ For Wood

Horizontal Applications

Sammys®

- Installs horizontally into the side of wood structures easily and quickly
- Use #14 SW Red Nut Driver # 8114910
- No pre-drilling required

Item #	Model	Size (in.)	Rod Size (in.)	Ultimate Pull-out (lbs.)
RABX8019957	SWG 200	¼x2	¼	1725 (FIR)
RABX8020957	SWG 10	¼x1	⅜	622 (FIR)
RABX8021957	SWG 20	¼x2	⅜	1725 (FIR)
RABX8073925	SWG 20-SS	¼x2	⅜	1725 (FIR)
RABX8022925	SWG 25-380	⅜x2½	⅜	2249 (FIR)
RABX8023925	SWG 30	¼x3	⅜	1884 (FIR)

SAMMYS®

BUILDEX

Sammys® Swivel Head™ For Wood

Swivel Application

Sammys®

- Eliminates distortion of threaded rod
- Accommodates up to 3-1/2" x 12 pitch roof
- Allows 17° deflection from vertical
- 3/8" use #14 Black Nut Driver #8113910, 1/2" use #14 SH Orange Nut Driver # 8273910
- Made in the USA

Item #	Model	Size (in.)	Rod Size (in.)	Ultimate Pullout (lbs.)
RABX8139957	SH-GST 20	¼ X 2	⅜	1257 (FIR)
RABX8141957	SH-GST 30	¼ X 3	⅜	1720 (FIR)
RABX8269957	SH-GST/CST 20	5⁄16 X 1¾	⅜	1903 Dim. Lumber 1406 @ 45° Off Vertical Dim. Lumber
RABX8303957	SH-GST/CST 2.0	5⁄16 X 1¾	½	903 Dim. Lumber 1406 @ 45° Off Vertical Dim. Lumber

BUILDEX

Sammys® For Steel

Vertical Application

Sammys®

- Made with Teks® self-drilling fasteners - no pre-drilling required
- Installs into steel range from 20 gauge – 1/2" thicknesses
- Quick to install using the Sammys® Nut Driver with a cordless drill/driver
- A standard screwgun with a depth sensitive nosepiece should be used to install Teks; for optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500
- 1/4"-3/8" use #14 Black Nut Driver #8113910, 1/2" use #14 SW Red Nut Driver # 8114910
- Made in the USA

Item #	Model	Size	Rod Size (in.)	Ultimate Pullout (lbs.)
RABX8024957	DSTR 100*	¼-20 X 1 TEKS 3	¼	1510 (20GA.)
RABX8025957	DST 100	¼-14 X 1 TEKS 3	¼	446 (20GA.)
RABX8026957	DST 150	¼-14 X 1½ TEKS 3	¼	970 (16GA.)
RABX8027957	DST 200	¼-14 X 2 TEKS 3	¼	446 (20GA.)
RABX8030957	TEK 500	12-24 X 1½ TEKS 5	¼	3125 (3⁄16")
RABX8038957	DSTR 1*	¼-20 X 1 TEKS 3	⅜	1510 (20GA.)
RABX8037957	DSTR 1½*	12-24 X 1½ TEKS 5	⅜	1510 (3⁄16")
RABX8039957	DSTR 516*	5⁄16-18 X 1¼	⅜	2200 (20GA.)
RABX8040957	DST 10	¼-14 X 1 TEKS 3	⅜	446 (20GA.) 970 (16GA.)
RABX8077925	DST10-SS	¼-14 X 1 TEKS 3	⅜	446 (20GA.) 970 (16GA.)
RABX8041957	DST 15	¼-14 X 1½ TEKS 3	⅜	446 (20GA.) 970 (16GA.)
RABX8078925	DST 15-SS	¼-14 X 1½ TEKS 3	⅜	446 (20GA.) 970 (16GA.)
RABX8042957	DST 20	¼-14 X 2 TEKS 3	⅜	446 (20GA.) 970 (16GA.)
RABX8043957	DST 25	¼-14 X 2½ TEKS 3	⅜	446 (20GA.) 970 (16GA.)
RABX8044957	DST 30	¼-14 X 3 TEKS 3	⅜	446 (20GA.) 970 (16GA.)
RABX8045957	DST 516	5⁄16-18 X 1¼ TEKS 3	⅜	1500 (3⁄16")
RABX8046957	TEK 50	12-24 X 1½ TEKS 5	⅜	3125 (3⁄16")
RABX8031925	DST 2.0	¼-14 X 2 TEKS 3	½	446 (20GA.) 970 (16GA.)
RABX8033925	DSTR 1.0*	¼-20 X 1 TEKS 3	½	1510 (20GA.)
RABX8034925	DSTR 5.16*	5⁄16-18 X 1¼ TEKS 3	½	2200 (20GA.)
RABX8035925	DST 5.16	5⁄16-18 X 1¼ TEKS 3	½	1500 (3⁄16")
RABX8036925	TEK 5.0	12-24 X 1½ TEKS 5	½	3125 (3⁄16")

**** Includes Retaining Nut***

SAMMYS®

BUILDEX

Sammys® Sidewinder™ For Steel

Horizontal Application

Sammys®

- Made with Teks® self-drilling fasteners - no pre-drilling required
- Installs into steel range from 20 gauge – 1/2" thicknesses
- A standard screwgun with a depth sensitive nosepiece should be used to install Teks; for optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500
- Saves time from traditional methods
- Reduces installation costs
- Quick to install using the Sammys Nut Driver with a cordless drill/driver
- Use #14 SW Red Nut Driver # 8114910
- Made in the USA

Item #	Model	Size	Rod Size (in.)	Ultimate Pullout (lbs.)
RABX8047957	SWD 100	¼-14 X 1 TEKS 3	¼	1477 (16GA.)
RABX8049957	SWDR 100*	¼-14 X 1 TEKS 3	¼	1900 (20GA.)
RABX8050957	SWD 10	¼-14 X 1 TEKS 3	⅜	1477 (16GA.)
RABX8080925	SWD 10-SS	¼-14 X 1 TEKS 3	⅜	1477 (16GA.)
RABX8051957	SWD 15	¼-14 X 1½ TEKS 3	⅜	1477 (16GA.)
RABX8052957	SWD 20	¼-14 X 2 TEKS 3	⅜	1477 (16GA.)
RABX8053957	SWD 516	5⁄16-48 X 1¼ TEKS 3	⅜	2480 (20GA.)
RABX8055957	SWDR 1*	¼-20 X 1 TEKS 3	⅜	1900 (20GA.)
RABX8054957	SWDR 1½*	12-24 X 1½ TEKS 5	⅜	2375 (3⁄16")
RABX8056957	SWDR 516*	5⁄16-18 X 1¼ TEKS 3	⅜	2480 (20ga.)
RABX8057957	SWT 15	12-24 X 1½ TEKS 5	⅜	2375 (3⁄16")

**** Includes Retaining Nut***

BUILDEX

Sammys® Swivel Head™ For Steel

Swivel Applications

Sammys®

- Eliminates distortion of threaded rod in sloped roof applications
- Accommodates 3-1/2 x 12 pitch
- Installs into angled z-purlin; allows threaded rod to hang plumb
- Allows 17° deflection from vertical
- 3/8" use #14 Black Nut Driver #8113910, 1/2" use #14 SH Orange Nut Driver # 8273910
- Made in the USA

Item #	Model	Size (in.)	Rod Size (in.)	Ultimate Pullout (lbs.)
RABX8137957	SH-DSTR 1*	¼-20 X 1 TEKS 3	⅜	3220 (3⁄16")
RABX8268957	SH-TEK 50	12-24 X 1¾ TEKS 5	⅜	2368 (½" Steel Vertical) 1306 (45° Off Vertical) 2281 (3⁄16" HSS) 1585 (3⁄16" HSS 45° Off Vertical)
RABX8270957	SH-TEK 5.0	12-24 X 1¾ TEKS 5	½	2368 (½" Steel Vertical) 1306 (45° Off Vertical) 2281 (3⁄16" HSS) 1585 (3⁄16" HSS 45° Off Vertical)

**** DOES Not Comply With ROHS Requirements / Includes Retaining Nut***

SAMMYS®

BUILDEX

Sammys® X-Press®

Vertical Apllication

Sammys®

- The Sammys® X-Press™ expands to provide direct vertical attachment in light gauge steel deck or purlin, (22 ga. - 1/8")
- Installs in seconds with Sammys® X-Press It™ Tool, saving time & installation costs
- Use in applications where access to the back of the installed fastener is prohibited: metal roof deck, tubular steel, or vapor barrier fabric
- Less jobsite material needed
- No retaining nut required
- Provides design flexibility
- Made in the USA

Item #	Model	Rod Size (in.)	Application	Ultimate Pullout (lbs.)
RABX8181922	XP 200	¼	Metal Deck	1146 (22GA.)
RABX8150922	XP 20	⅜	Metal Deck	1146 (22GA.)
RABX8153922	XP 35	⅜	Purlin	1783 (16GA.)
RABX8150922	XP 20	⅜	Metal Deck (Pre-Pour) Metal Deck (Post-Pour)	1146 (22GA.)

BUILDEX

Sammys® X-Press Sidewinder™

Horizontal Application

Sammys®

- The Sidewinder X-Press Sidewinder™ expands to provide horizontal attachment in: 16 ga - 3/16" steel - purlin, tubular steel
- Installs in seconds with Sammys® X-Press It® Tool, saving time & installation costs
- Use in applications where access to the back of the installed fastener is prohibited; metal roof deck, tubular steel, or vapor barrier fabric

Item #	Model	Rod Size (in.)	Application	Ultimate Pullout (lbs.)
RABX8293957	SWXP 35	⅜	Purlin	1798 (16 GA.)

BUILDEX

Sammys® X-Press Swivel™

Swivel Application

Sammys®

- The X-Press Swivel™ allows you to hang plumb in extreme roof pitches: 89° in z-purlin, 45° in metal deck for 12/12 pitch
- Installs in seconds with Sammys® X-Press It™ Tool, saving time & installation costs
- Use in applications where access to the back of the installed fastener is prohibited: metal roof deck, tubular steel, or vapor barrier fabric

Item #	Model	Rod Size (in.)	Application	Ultimate Pullout (lbs.)
RABX8294922	SXP 20	⅜	Metal Deck	1061 (22 GA. Vert) 829 (45° Off Vert)
RABX8295922	SXP 35	⅜	Purlin	1675 (16 GA. Vert) 1558 (89° Off Vert)
RABX8272957	SXP 2.0	½	Metal Deck	1061 (22 GA. Vert) 829 45° Off Vert)
RABX8271957	SXP 3.5	½	Purlin	1675 (16 GA. Vert) 1558 (89° Off Vert)

SAMMYS®

BUILDEX

Sammys® X-Press It™

Install Tool

Sammys®

- The Sammy® X-Press™ expands to provide direct vertical attachment in: metal deck (22-16 gauge), z-purlin (18-16 gauge)
- Made in the USA

Item #	Model	Desc.
RABX8194910	UXPIT	Universal X-Press It Tool
RABX8152910	XPDB	25⁄64" Drill Bit

BUILDEX

Sammys® For Concrete

Vertical Application

Sammys®

- Easy two step process (Drill hole & drive Sammys® concrete anchor)
- 1/4" pre-drilled pilot hole required
- Concrete Installation Tool available for a one tool installation process
- 1/4"-3/8" use #14 Black Nut Driver #8113910, 1/2" use #14 SW Red Nut Driver # 8114910
- Made in the USA

Item #	Model	Size (in.)	Rod Size (in.)	Ultimate Pull-out (lbs.)
RABX8058957	CST 200	5⁄16x1¾	¼	2400
RABX8059957	CST 20	5⁄16x1¾"	⅜	2400
RABX8145925	CST 20-SS	5⁄16x1¾	⅜	2400
RABX8060925	CST 2	5⁄16x1¾	½	2400

BUILDEX

Sidewinder® For Concrete

Horizontal Application

Sammys®

- Easy two step process (Drill hole & drive Sammys concrete anchor)
- 1/4" pre-drilled pilot hole required
- Concrete Installation Tool available for a one tool installation process
- Use #14 SW Red Nut Driver # 8114910
- Made in the USA

Item #	Model	Size (in.)	Rod Size (in.)	Ultimate Pullout (lbs.)
RABX8062957	SWC 200	5⁄16x1¾	¼	2450
RABX8061957	SWC 20	5⁄16x1¾	⅜	2450

BUILDEX

Concrete/Wood Installation Kit

Sammys®

- Includes: (1 each) #14 Black Nut Driver, #14 SW Red Nut Driver, #250 Bit (1/4"), SDS Bit (1/4"), 7/32 Wood Bit, HEX 250 Bit Receiver (1/4") and SL 250 Sleeve

Item #	Desc.
RABX8122910	Concrete Installation Kit
RABX8121910	SDS B250 Bit Receiver (¼")

BUILDEX

Speedy Pole Tool™

Sammys®

- Ideal for retrofit and hard-to-reach projects in wood and steel
- Hang it high from down low

Item #	Length (ft.)
RABX8123910	6
RABX8124910	12
RABX8125910	18
RABX8126910	24

BUILDEX

Speedy Pole Tool™

Socket Kit

Sammys®

- Used with Sammys® Speedy Pole Tools™
- 8129910 includes: (1 of each) Adaptor Plug, Socket Driver for Sammys®, Socket Driver for Ceiling Wire Screws, Socket Driver for 1/4" Standard Nut Drivers, Stuf Plug for Viper or Ladd Powder Actuated Attachment

Item #	Desc.
RABX8127910	Sammys® Socket Driver
RABX8128910	Ceiling Wire Socket Driver for Wire and Chain
RABX8129910	Universal Pole Tool Socket Kit

BUILDEX

#14 Nut Driver

Sammys®

Item #	Color
RABX8113910	Black
RABX8114910	Red
RABX8273910	Orange

SAMMYS®

BUILDEX

Sammys® Swivel Head™ For Concrete

Swivel Application

Sammys®

- Installs vertically and swivels up to 89° in wood & concrete structures
- Eliminates distortion of threaded rod
- 1/4" pre-drilled pilot hole required
- Concrete installation tool available for a one piece installation process
- Use #14 SH Orange Nut Driver # 8273910
- Made in the USA

Item #	Model	Size (in.)	Rod Size (in.)	Ultimate Pullout (lbs.)
RABX8269957	SH-GST/CST 20	5⁄16 X 1¾	⅜	2537 IN 3000 PSI Concrete 1459 @ 45° Off Vertical IN 3000 PSI Concrete 2852 IN 6000 PSI Concrete 1636 @ 45° Off Vertical IN 6000 PSI Concrete
RABX8303957	SH-GST/CST 2.0	5⁄16 X 1¾	½	2537 IN 3000 PSI Concrete 1459 @ 45° Off Vertical IN 3000 PSI Concrete 2852 IN 6000 PSI Concrete 1636 @ 45° Off Vertical IN 6000 PSI Concrete

BUILDEX

Toggle for Drywall or Concrete

Sammys®

Installation Instructions:

- 1. Pre-drill a 5/8" hole with a regular drill or hole saw
- 2. Insert SST screw into #14 Black Nut Driver # 8113910 with wing nut and washer on bolt, insert wing nut through surface, and begin installation
- 3. When bolt is secure and nut driver spins free, stop drill motor and remove
- 4. SST screw is now ready to receive 1/4", 3/8", or Metric all thread rod or bolt stock

Item #	Model	Size (in.)	Rod Size (in.)	Ultimate Pullout (lbs.)
RABX8063925	SST 300	¼x3	¼	450 (Lath & Plaster) 404 (2 Layers 5⁄8" Rock
RABX8064925	SST 30	¼x3	⅜	450 (Lath & Plaster) 404 (2 Layers 5⁄8" Rock

So many options for hanging all-thread . . . so little time!!!

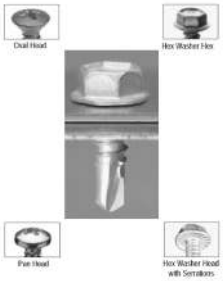
Call Edge for help with your specific application.

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

BUILDEX

Teks® Self-Drilling Fasteners

Light-Duty Steel-to-Steel Applications



Applications:

- Stitch roof deck and wall panel sidelaps
- HVAC, electrical trim accessories to steel framing
- Residential steel frame construction
- Brick ties to steel framing
- Track to stud and stud splicing
- Hat channel to stud

Head Styles:

- Hex Washer Head
- Oval Head
- Pan Head
- Hex Washer Head with Serrations

Item #	Desc.	Head Style	Drill Point	Max. Material Attachments	Drill and Tap Capacity	Box Qty.
RABX1208200	6-20x⅜"	Pan	#2	.100	.036-.100	20,000
RABX1563200	6-20x⅜"	HWH	#2		.036-.100	20,000
RABX1527200	6-20x½"	Pan	#2		.036-.100	20,000
RABX1210200	8-18x½"	Pan	#2	.205	.036-.100	10,000
RABX1213200	8-18x¾"	Pan	#2	.455	.036-.100	10,000
RABX1218200	8-18x1"	Pan	#2	.705	.036-.100	8,000
RABX1196200	8-18x½"	HWH	#2	.205	.036-.100	10,000
RABX1199200	8-18x⅝"	HWH	#2	.330	.036-.100	10,000
RABX1200200	8-18x¾"	HWH	#2	.455	.036-.100	10,000
RABX1202200	8-18x1"	HWH	#2	.705	.036-.100	8,000
RABX1204200	8-18x1½"	HWH	#2	1.205	.036-.100	4,000
RABX1107053	10-16x¾"	HWH	#1	.220	.018-.095	5,000
RABX1109053	12-14x¾"	HWH	#1	.205	.018-.095	4,000
RABX1399053	¼-14x⅞"	HWH	#1	.380	.018-.095	5,000

Need special finish or submittal information?

Call Edge today!

BUILDEX

Teks® Self-Drilling Fasteners

Medium-Duty Steel-to-Steel Applications

Applications:

- Roof deck to steel framing
- Wall panel to girt
- Duct work to steel framing
- Accessories to steel framing
- Roof clip to steel framing
- Retrofit framing
- Commercial overhead steel doors, hinges and latches

Head Styles:

- Hex Washer Head
- Hex Washer Head with Serrations

Item #	Desc.	Head Style	Drill Point	Drill and Tap Capacity	Max. Material Attachments	Box Qty.
RABX1134000	12-14x¾"	HWH	#3	.036-0210	.270	5,000
RABX1136000	12-14x1"	HWH	#3	.036-0210	.520	4,000
RABX1120000	12-14x1¼"	HWH	#3	.036-0210	.550	4,000
RABX1123000	12-14x1½"	HWH	#3	.036-0210	.800	2,500
RABX1140000	12-14x2"	HWH	#3	.036-0210	1.450	2,000
RABX1553000	12-14x2½"	HWH	#3	.036-0210	1.950	1,000
RABX1143000	12-14x3"	HWH	#3	.036-0210	2.450	1,000
RABX1146000	12-14x4"	HWH	#3	.036-0210	3.450	500
RABX1147000	¼-14x¾"	HWH	#3	.036-0210	.210	3,000
RABX1149000	¼-14x1	HWH	#3	.036-0210	.400	2,500
RABX1150000	¼-14x1¼"	HWH	#3	.036-0210	.650	2,000
RABX1152000	¼-14x1½"	HWH	#3	.036-0210	.900	2,000
RABX1155000	¼-14x2"	HWH	#3	.036-0210	1.400	1,500
RABX1554000	¼-14x2½"	HWH	#3	.036-0210	1.900	1,000
RABX1157000	¼-14x3"	HWH	#3	.036-0210	2.400	1,000
RABX1304000	¼-14x4"	HWH	#3	.036-0210	3.400	500
RABX1586000	¼-14x¾"	*HWH	#3	.036-0210	.250	3,000
RABX1587000	¼-14x1"	*HWH	#3	.036-0210	.500	2,500

7/16 *Across Flats HWH with serrations under head

Attaching dissimilar metals?

Ask about Tek Select

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

BUILDEX

Teks® Self-Drilling Fasteners

Heavy-Duty Steel-to-Steel Applications

Applications:

- Metal deck to structural steel or bar joist
- Clips to structural steel or bar joist
- Liner panels to structural steel or bar joist
- Accessories to structural steel or bar joist
- Longer length fasteners can be used in retrofit clip and sheet applications

Head Style:

- Hex Washer Head

Item #	Desc.	Head Style	Drill Point	Drill and Tap Capacity	Max. Material Attachments	Box Qty.
RABX1088000	12-24x⅞"	HWH	#4	.125-.250	.325	5,000
RABX1414000	12-24x1¼"	HWH	#4.5	.125-.375	.575	4,000
RABX1006000	12-24x1¼"	HWH	#5	.125-.500	.375	4,000
RABX1070000	12-24x1½"	HWH	#5	.125-.500	.625	2,500
RABX1071000	12-24x1½"	**HWH	#5	.125-.500	.625	2,000
RABX1072000	12-24x2"	HWH	#5	.125-.500	1.125	2,000
RABX1074000	¼-28x3"	*HWH	#5	.125-.500	2.150	1,000
RABX1075000	¼-28x4"	*HWH	#5	.125-.500	3.150	500
RABX1641000	¼-28x5"	HWH	#5	.125-.500	4.150	250
RABX1431000	¼-28x6"	HWH	#5	.125-.500	5.150	250
RABX1590000	¼-28x8"	HWH	#5	.125-.500	7.150	150

* 5/16 ***Across Flats HWH,*** ** 3/8 ***Across Flats HWH***

What's your application: HVAC, roofing, solar, metal buildings, . . . ?

Call Edge for help in selecting the best fastener.

BUILDEX

Teks® Self-Drilling Fastener With Bonded Washer

Metal Roof and Wall Applications

Application:

- Roof panels to purlins or bar joist
- Wall panels to girt
- Mansard panel to structural

Head Style:

- Hex Washer Head with Bonded Washer

Item #	Desc.	Head Style	Drill Point	Drill and Tap Capacity	Max. Material Attachments	Box Qty.
RABX1005000	10-16x¾"	HWH	#3	.036-.175	.205	3,000
RABX1308000	10-16x1½"	HWH	#3	.036-.175	.955	2,500
RABX1009000	12-14x¾"	HWH	#3	.036-.210	.150	3,000
RABX1011000	12-14x1"	HWH	#3	.036-.210	.400	3,000
RABX1014000	12-14x1¼"	HWH	#2	.036-.210	.430	2,500
RABX1404000	12-14x1½"	HWH	#2	.036-.210	.680	2,000
RABS1016000	12-14x2"	HWH	#3	.036-.210	1.330	1,500
RABX1333000	12-14x3"	HWH	#3	.036-.210	2.330	1,000
RABX1332000	12-14x4"	HWH	#3	.036-.210	3.330	500
RABX1416000	¼-14x⅞"	HWH	#1	.018-.095	.260	3,000
RABX1160000	¼-14x1"	HWH	#3	.036-.210	.280	2,500
RABX1019000	¼-14x1¼"	HWH	#3	.036-.210	.530	2,000
RABX1020000	¼-14x1½"	HWH	#3	.036-.210	.780	1,500
RABX1021000	¼-14x2"	HWH	#3	.036-.210	1.280	1,000
RABX1555000	¼-14x2½"	HWH	#3	.036-.210	1.780	1,000
RABX1022000	¼-14x3"	HWH	#3	.036-.210	2.280	750
RABX1429000	¼-14x4"	HWH	#3	.036-.210	3.280	500
RABX1010000	12-24x⅞"	HWH	#4	.125-.250	.205	3,000
RABX1415000	12-24x1¼"	HWH	#4.5	.125-.375	.455	2,500
RABX1000000	12-24x1¼"	HWH	#5	.125-.500	.255	2,500
RABX1001000	12-24x1½"	HWH	#5	.125-.500	.505	2,000
RABX1002000	12-24x2"	HWH	#5	.125-.500	1.005	1,500
RABX1003000	¼-28x3"	**HWH	#5	.125-.500	2.030	1,000
RABX1004000	¼-28x4"	**HWH	#5	.125-.500	3.030	500
RABX1647000	¼-28x5"	*HWH	#5	.125-.500	4.030	250
RABX1432000	¼-28x6"	*HWH	#5	.125-.500	5.030	250
RABX1619000	¼-28x8"	*HWH	#5	.125-.500	7.030	150

***** ⅜ ***Bonded Washer , ****** 5/16 ***Across Flats HWH***

PRIMESOURCE

Drywall Screws
Bugle Fine

- For attaching gypsum board to 25-20 gauge steel studs
- Bugle head No. 2 Reduced Phillips Recess

Item #	Size	Box Qty.
PRMFS118	6X1⅛	10M
PRMFS114	6X1¼	8M
PRMFS1145	6X1¼	5#
PRMFS158	6X1⅝	5M
PRMFS1585	6X1⅝	5#
PRMFS200	7X2	3.5M

PRIMESOURCE

Drywall Screws
Bugle Coarse

- For attaching gypsum board to wood studs
- Bugle head No. 2 Reduced Phillips Recess

Item #	Size	Box Qty.
PRMCS118	6X1⅛	10M
PRMCS114	6X1¼	8M
PRMCS1145		5#
PRMCS158	6X1⅝	5M
PRMCS1585	6X1⅝	5#
PRMCS6200	6X2	3.5M
PRMCS62005	6X2	5#
PRMCS212	8X2½	2.5M
PRMCS2125	8X2½	5#
PRMCS300	8X3	2M
PRMCS3005	8X3	5#

PRIMESOURCE

Drywall Screws
Trim Head

- For attaching wood trim and base over gypsum board to light gauge steel studs or wood substrate
- No. 1 or 2 Square Recess

Item #	Size	Box Qty.
PRMTH1585	6x1⅝	5#
PRMTH2145	6X2¼	5#

PRIMESOURCE

Drywall Screws
Pan Framer

- For attaching 25-20 gauge steel track to 25-20 gauge steel studs
- With serrations to reduce spin out
- No. 2 Reduced Phillips Recess

Item #	Size	Box Qty.
PRM7165	7X7/16	5#

PRIMESOURCE

Drywall Screws
Drywall Laminator

- For attaching gypsum board to gypsum board
- No. 2 Phillips Recess

Item #	Size	Box Qty.
PRMLS10112	10X1½	5M
PRMLS101125	10x1½	5#

PRIMESOURCE

Drywall Screws
Modified Truss

- For attaching metal lath in stucco and other applications to wood or 25-20 gauge steel studs
- No. 2 Reduced Phillips Recess

Item #	Size	Box Qty.
PRMMT812	8X½	10M
PRMMT8125	8X½	5#
PRMMT114	8X1¼	5M
PRMMT1145	8X1¼	5#

PRIMESOURCE

Drywall Screws
Slotted Hex Washer Head

- Self-piercing needle point penetrates sheet metal from 0.0209 to 0.0358
- Twin lead threads assure fast action and reduce driving torque and strip-out problems
- Recommended for HVAC, electrical, plumbing, framing and sheet metal
- Zinc plated

Item #	Size	Box Qty.
¼" Drive		
PRMHW4812	8X½	10M
PRMHW48125	8X½	5#
PRMHW4834	8X¾	10M
PRMHW48100	8X1	8M
PRMHW48112	8X1½	5M
PRMHW48200	8X2	3M
5/16" Drive		
PRMHW510100	10X1	5M
PRMHW510112	10X1½	3M
PRMHW5101125	10X1½	5#
PRMHW510200	10X2	2M
PRMHW5102005	10X2	5#

PRIMESOURCE

Self-Drilling Screws

Bugle Head

- For attaching gypsum board to 20-14 gauge steel studs
- No. 2 Reduced Phillips Recess
- Available in zinc and black phosphate

Item #	Size	Box Qty.
Zinc		
PRMSDZ258	8X2⅝	2M
Black Phosphate		
PRMSD114	6X1¼	8M
PRMSD1145	6X1¼	5#
PRMSD158	6X1⅝	5M
PRMSD1585	6X1⅝	5#
PRMSD178	6X1⅞	4M
PRMSD1785	6X1⅞	5#
PRMSD238	8X2⅜	3M

PRIMESOURCE

Self-Drilling Screws

Trim Head

- For attaching wood trim over gypsum to 20-14 gauge metal
- No. 1 or 2 Square Recess

Item #	Size	Box Qty.
PRMTHDZ2145	6X2¼	5#

PRIMESOURCE

Self-Drilling Screws

Pancake Framer

- For attaching 20-14 gauge steel track to 20-16 gauge steel studs
- No. 2 Reduced Phillips Recess

Item #	Size	Box Qty.
PRMPPH10585	10X⅝	5#

PRIMESOURCE

Self-Drilling Screws

Low Profile Truss

- Low profile 20-16 gauge framer
- No. 10 diameter for added shear strength
- With serrations to reduce spin out
- No. 2 Reduced Phillips Recess

Item #	Size	Box Qty.
PRMFT1034	10x¾	7.5M

PRIMESOURCE

Self-Drilling Screws

Modified Truss

- For attaching metal lath in stucco and other applications 20 20-16 gauge steel studs
- No. 2 Reduced Phillips Recess

Item #	Size	Box Qty.
PRMMTD812	8x½	10M
PRMMTD8125	8X½	5#
PRMMTD8114	8X1¼	6M
PRMMTD81145	8X1¼	5#
PRMMTD1034	10X¾	5M

PRIMESOURCE

Self-Drilling Screws

Hex Washer Head 1/4" Dr. #2 Drilling Point

- Metal to metal fastening used in sheet metal and light steel framing
- Very common in HVAC duct work assembly

Item #	Size	Box Qty.
PRMHWD812	8X½	10M
PRMHWD834	8X¾	10M

PRIMESOURCE

Self-Drilling Screws

Hex Washer Head 5/16 Drive #3 Drilling Point

- Metal to metal fastening used in medium gauge metal to metal framing
- Commonly used by sheet metal and HVAC contractors and fabricators

Item #	Size	Box Qty.
PRMHWD1012	10X½	8M
PRMHWD1034	10X¾	6M
PRMHWD10345	10x¾	5#
PRMHWD10100	10X1	5M
PRMHWD101005	10X1	5#
PRMHWD101125	10X1½	5#

PRIMESOURCE

Self-Drilling Screws

3/8 Drive #3 Drilling Point

- Metal to metal fastening for heavy gauge metal attachments
- Up to 3/8" thickness

Item #	Size	Box Qty.
PRMHWD14100	14X1	3M

PRIMESOURCE

Self-Drilling Screws

Hex Washer Head 5/16 Drive #3 Drilling Point

- Metal to metal fastening used in sheet metal to attach purlins and channels to structural studs
- Commonly used in up to 5 gauge steel

Item #	Size	Box Qty.
PRMHWD120345	12X¾	5#
PRMHWD12100	12X1	3M
PRMHWD121005	12X1	5#
PRMHWD121125	12X1½	5#
PRMHWD122005	12X2	5#

PRIMESOURCE

Self Drilling Screws

Hex Washer Head W/ Neoprene Washer

- For use in metal building applications where moisture needs to be sealed out by using a neoprene bonded washer
- 5/16" Drive #3 Drilling Point

Item #	Size	Box Qty.
PRMHDW10100	10X1	5m

PRIMESOURCE

Wood Working Screws

- Use for attaching wood to wood
- Recommended for cabinet and general woodworking
- an interior fastener not recommended for outdoor decking
- Bugle head No. 2 Reduced Phillips Recess
- Yellow Zinc

Item #	Size	Box Qty.
PRMGS158	6X1⅝	5M
PRMGS1585	6X1⅝	5#
PRMGS200	7X2	3.5M
PRMGS2005	7X2	5#
PRMGS212	8X2½	2.5M
PRMGS2125	8X2½	5#
PRMGS300	8X3	2M
PRMGS3005	8X3	5#
PRMGS400	10X4	1M
PRMGS4005	10X4	5#

PRIMESOURCE

Exterior Screws

PrimeGuard Plus

- Proprietary polymer coating
- Bugle head, gold color
- Type 17 point

Item #	Size	Drive	Box Qty.
PRMP158STGD	8x1⅝	Star T-20	5#
PRMP3STGD	9X3	Star T-25	5#

PRIMESOURCE

Acoustical Fasteners

Eye Lag Screws

- Primarily used for hanging ceiling grid into wood joists

Item #	Size	Box Qty.
PRMEL3	¼X3	1M

PRIMESOURCE

Acoustical Fasteners

Self Drilling Eye Lag Screws

- Primarily used for hanging suspended ceiling grid into metal studs

Item #	Size	Box Qty.
PRMELDZ2	¼X2	1M

PRIMESOURCE

Common Nails

Grip-Rite®

- Most popular nail and versatile style
- For construction, carpentry and framing
- Larger shank provides greater resistance to bending

Item #	Length (in.)	Size	Gauge	Head (in.)	Approx Count per Lb.	UoM
Bright Smooth Shank						
PRM6C	2	6D	11½	17/64	167	Ea
PRM8C	2½	8D	10¼	9/32	101	Ea
PRM12C	3¼	12D	9	5/16	61	Ea
PRM16C	3½	16D	8	11/32	47	Ea
Hot Dipped Galv. Smooth Shank						
PRM8HGC	2½	8D	10¼	9/32	101	
PRM10HGC	3	10D	9	5/16	66	
PRM12HGC	3¼	12D	9	5/16	61	
PRM16HGC	3½	16D	8	11/32	47	

PRIMESOURCE

Duplex Nails

Grip-Rite®

- For temporary construction where nail removal is required, such as concrete forming and scaffoldings
- Smooth, uncoated shank and double head ease removal (second head remains exposed)

Item #	Length (in.)	Size	Gauge	Head (in.)	Approx Count per Lb.
Bright Double-head Shank					
PRM6DUP	2 7/64	6D	11½	3/16/17/64	156
PRM8DUP	2⅝	8D	10¼	15/64/9/32	90
PRM16DUP	3½	16D	8	9/32/11/32	45

PRIMESOURCE

Vinyl Coated Sinkers

- For construction, carpentry and framing
- Checkered countersunk head designed to sink flush with surface
- Vinyl-coated smooth shank for easier nailing and firmer holding power

Item #	Size	Length (in.)	Gauge	Head (in.)	Approx Count per Lb.
PRM8CTDSKR	8D	2⅜	11½	17/64	153
PRM12CTDSKR	12D	3⅛	10	5/16	81
PRM16CTDSKR	16D	3¼	9	11/32	64

PRIMESOURCE

Box Nails

Grip-Rite®

- For construction, carpentry, and framing
- Thinner shank reduces wood splitting

Item #	Length (in.)	Size	Gauge	Head (in.)	Approx Count per Lb.
Hot Dip Galv, Smooth Shank					
PRM6HGBX	2	6D	12½	17/64	236

PRIMESOURCE

Joist Hanger Nails

Grip-Rite®

- For attaching joist hangers to wood studs
- Short, heavy gauge nail provides increased holding power without fully penetrating wood

Item #	Length (in.)	Gauge	Head (in.)	Approx Count per Lb.
Hot Dipped Galv				
PRM114HGJST	1¼	9	5/16	149
PRM112HGJST	1½	9	5/16	125

PRIMESOURCE

Roofing Nails

Grip-Rite®

- For applying roofing asphalt shingles, insulation board, and felt-to-wood substrates
- Large head and heavier shank gauge provide greater holding power
- Electrogalvanized nail also appropriate for use with vinyl siding

Item #	Size (in.)	Gauge	Head Size (in.)	Approx Count per Lb.
PRM134EGRFG	1¾	11	7/16	152

PRIMESOURCE

Anchor J-Bolts

- A307 steel
- Includes Nut - No Washer

Item #	Size (in.)	Finish
JB126	½x6	Plain
JB128	½x8	Plain
JB1210	½x10	Plain
JB1210HDG	½x10	Hot-Dipped
JB1212	½x12	Plain
JB3410	¾x10	Plain
JB3412	¾x12	Plain
JB588	⅝x8	Plain
JB5810	⅝x10	Plain
JB5810HDG	⅝x10	Hot-Dipped
JB5812	⅝x12	Plain
JB5812HDG	⅝x12	Hot-Dipped

FANACO® FASTENERS

Brad Nails

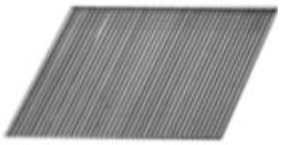
Stainless Steel

Item #	Size (in.)	Gauge	Qty.
STOFANB16200SS	2	16	2.5M/Box
STOFANBMH18200SS	2	18	5M/Box

FANACO® FASTENERS

Angle Finish Nails

15 Gauge



Item #	Size (in.)	Finish	Qty.
STOFANDA17B	1½	Bright	4M/Box
STOFANDA17G	1½	Galv.	4M/Box
STOFANDA21B	2	Bright	4M/Box
STOFANDA21G	2	Galv.	4M/Box
STOFANDA25B	2½	Bright	4M/Box
STOFANDA25G	2½	Galv.	4M/Box

FANACO® FASTENERS

Galv. Coil Roofing Nails

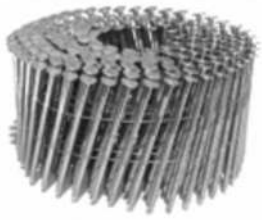
15 Degree Wire Collated

Item #	Size	Qty.
STOFANCR1D	⅞"x.120	7.2M/Box
STOFANCR2D	1"x.120	7.2M/Box
STOFANCR3D	1¼"x.120	7.2M/Box
STOFANCR4D	1½"x.120	7.2M/Box
STOFANCR5D	1¾"x.120	7.2M/Box

FANACO® FASTENERS

Siding/Fencing Nails

15 Degree Wire Collated



Item #	Size	Desc.	Qty.
STOFANAC7DREG45	2 3/16"x.092	Ring Shank - Electro Galv.	4.5M/Box

FANACO® FASTENERS

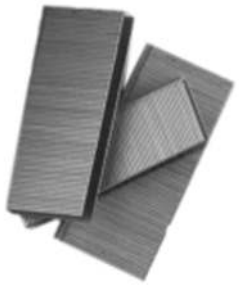
Fine Wire Staples

Item #	Qty.
STOFANA1138G	5M/Box

FANACO® FASTENERS

N-Type Medium Crown Staples

16 Gauge



Item #	Size	Finish	Qty.
STOFANN17G	7/16" Crown x 1½" Leg	Electro. Galv.	10M/Box

PASLODE

Fuel Powered Framing Nailer

- Redesigned nose — For toe-nailing at any angle
- Portable, freedom on the jobsite without hoses or compressors
- Powerful enough to drive 3-1/4" nails in the toughest lumber
- Tool-less nail adjustment changes nail depth in an instant
- Nail lockout feature prevents blank fires
- Tool-free depth of drive adjustment
- Compact size fits between 16" o.c. studs, joists and roof trusses

Item #	Model	Weight (lbs.)	Nailer Capacity
PA902200	CF325	7.5 w/battery	1 strip (48 nails)

PASLODE

Fuel Powered 16 Ga. Straight Finish Nailer

- No hoses or compressors to drag around
- Open line of site, shoots where you want it to
- Depth of drive prevents wood damage.
- Powerful, drives 3/4"-2-1/2" nails into the hardest woods
- No mar tip protects wood

Item #	Model	Weight (lbs.)	Nailer Capacity
PA902000	CDLS STR	4.9 w/battery	100 (2 strips)

Paslode

PASLODE

Fuel Powered 16 Ga. Angled Finish Nailer

- No hoses or compressors to drag around
- Open line of site, shoots where you want it to
- Depth of drive prevents wood damage.
- Angled magazine—Fits in tight spots
- Powerful, drives 3/4" - 2-1/2" nails into the hardest woods
- No mar tip protects wood

Item #	Model	Weight (lbs.)	Nailer Capacity
PA900600	CDLS ANG	4.9 w/battery	100 (2 strips)

PASLODE

Fuel Powered 18 Ga. Brad Nailer

- Adjustable Work Contact Element-Provides control of nail setting depth
- Quick Clear Nose-Should nail jam occur
- Lightweight and Well Balanced-4.9 lbs. A more maneuverable tool with less wrist and arm fatigue
- Narrow No Mar Tip-Provides for easy access to confined areas and permits precise placement of fasteners
- Sequential Operation-Drives 2-3 nails per second
- Powerful Motor-Drives 5/8" to 2" fasteners into the hardest woods
- Comfortable Sure-Grip Handle & Soft Trigger-Provides greater comfort and less fatigue
- Side Loading Magazine-Easier loading and unloading

Item #	Model	Weight (lbs.)	Nailer Capacity
PA901000	Cordless 18 ga. Brad Nailer	4.9	2 strips (100 pins)

PASLODE

PowerMaster Plus™

30 Degree Strip Nailer

- Durable And Reliable-Rugged aluminum housing stands up to the demands of the job in any kind of weather
- Unmatched Power-to-Weight Ratio-All the power needed to drive into engineered lumber, yet still is comfortable to use
- Ergonomic Design-Provides better balance and low recoil
- Adjustable Work Contacting Element-Depth-of-drive adjustment on the tool saves time and energy
- Compact Size-13.3 inch height fits between joists and studs
- Drives 2" - 3-1/2" nails with ease

Item #	Model	Weight (lbs.)	Nailer Capacity
PA501000	F350-S	8.4	74-84 (2 strips)

PASLODE

30° Positive Placement® Nailer

Metal Connector

- Adjustable depth of drive ensures nail drives flush with hardware
- Smart Lever™ automatically adjusts nail length
- Sequential trigger for accurate placement
- 2-strip magazine, less reloading
- Probing tip targets metal strap hole easily
- Use with Paslode head-marked nails for easy nail identification
- Nail Range 1", 1-1/2", 2-1/2"

Item #	Model	Weight (lbs.)	Nail Capacity
PA500855	F250S-PP	8.5	2 Strips

PASLODE

Straight Finish Air Nailer

16 Gauge -20° Angled Collation

- Compact, open line of sight shoots where you want it to even in tight spots
- Reliable power, delivers consistent drive energy in all types of wood
- 16 gauge reduces wood splitting and nail visibility
- Powerful performer drives 3/4"-2-1/2" nails into the hardest woods

Item #	Model	Weight (lbs.)	Nail Capacity
PA501680	T250S-F16	3.9	100 (2 strips)

PASLODE

T250S-F16

16 Gauge Pneumatic Straight Finish Nailer

- Directional Exhaust Cap-Easily change the direction of exhaust/dust
- Soft Textured Grip-Decreases user fatigue during all day use
- Tool-Free Depth of Drive Adjustment-Simple, fast control of nail depth
- Nail Lockout-Nail lockout at 10 nails prevents blank fire damage to work surface
- Compact Size-Compact, angled trim tool reaches into tighter spots than straight finish tools
- Lightweight-Less than 4 lbs., reduces user fatigue
- Durable and Reliable-Rugged design holds up to thwe demands of the jobsite

Item #	Model	Weight (lbs.)	Nailer Capacity
PA500910	T250A-F16	3.8	100 (2 strips)

PASLODE

Brad Finish Air Nailer

18 Gauge

- Prevents wood splitting—18 Gauge leaves small holes
- Slender, long-nose design reaches tight spots and precisely places nail
- Depth of drive adjustment controls nail setting depth
- Quick clear nose for easy access to nails
- Protects wood—No mar tip protects expensive wood
- Performs—Drives 5/8"-2" finish nails

Item #	Model	Weight (lbs.)	Nail Capacity
PA500959	T200-F18	2.1	100 (2 strips)

PASLODE

R-175C

Roofing Nailer

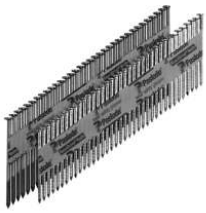
- Heavy Duty Wear Plates-Protect tool housing
- Comfort Grip-Increased durability and user comfort
- Single-Door Magazine-Provides fast and easy loading
- Shingle Guide-Allows for accurate nail placement
- Universal-15 degree. Accepts all standard roofing coil nails, smooth and ring shank 7/8" - 1-3/4"

Item #	Part #	Model	Weight (lbs.)	Nailer Capacity
PA405000	PA405000	R-175C	5.5	120

PASLODE

Brite 30° Framing Nails

Round Head



- 20% more nails per strip than competitive round head strip nails - means less reloading
- Strips won't break, even in rainy weather - no flying debris

Item #	Length (in.)	Dia. (in.)	Shank	Box Qty.
PA650272	2	.113	Smooth	5,000
PA650273	2	.113	Ring	5,000
PA405253	2½	.131	Smooth	3,000
PA650237	2⅜	.113	Smooth	5,000
PA650238	2⅜	.113	Ring	5,000
PA650236	3	.120	Smooth	2,500
PA650210	3	.131	Smooth	2,500
PA650239	3¼	.131	Smooth	2,500

PASLODE

HDG 30° Framing Nails

Round Head

- Paslode's Hot Dipped Galvanized Plus nails offer premium corrosion in all pressure treated lumber such as ACQ and MCQ
- Polymer coating reduces staining and streaking by 80% compared to traditional hot dipped galvanized nails

Item #	Length (in.)	Dia (in.)	Shank	Box Qty.
PA650381	2	.113	Ring	2,000
PA650382	2⅜	.113	Smooth	2,000
PA650383	2⅜	.113	Ring	2,000
PA650384	3	.120	Smooth	2,000
PA650385	3	.120	Ring	2,000
PA650386	3	.131	Smooth	2,000
PA650387	3	.131	Ring	2,000
PA650388	3¼	.131	Smooth	2,000
PA650476	3½	.131	Smooth	2,000

PASLODE

Galvanized Straight Finish Nails

16 Gauge

- The stronger, stiffer 16 gauge nail ensures consistent drivability
- Galvanized for superior corrosion resistance
- Chisel point reduces wood splitting
- Smaller 16 gauge nail hole is ideal for any finish work

Item #	Length (in.)	Box Qty.
PA650281	1	2,000
PA650282	1¼	2,000
PA650283	1½	2,000
PA650284	1¾	2,000
PA650285	2	2,000
PA650287	2½	2,000

PASLODE

Galvanized Angled Finish Nails

16 Gauge

- Use with Paslode 20° 16 gauge angled finish nailers
- Galvanized for superior corrosion resistance
- Chisel point reduces wood splitting
- Smaller 16 gauge nail hole is ideal for any finish work

Item #	Length (in.)
PA650230	1¼
PA650231	1½
PA650232	2½

Paslode

PASLODE

Galvanized Brad Nails

18 Gauge

- Galvanized for superior corrosion resistance
- Chisel point reduces wood splitting
- Smaller 18 gauge nail for premium workmanship

Item #	Length (in.)	Box Qty.
PA650212	1	2,000
PA650213	1¼	2,000
PA650214	1½	2,000
PA650215	2	2,000

PASLODE

Brite Positive Placement®

Metal Connector Nails

- For installing joist hangers, straps, framing anchors/ties, seismic/hurricane ties
- Full head, smooth shank
- Head marked for easier nail identification
- ICC-ES Recognized, ER-2126
- Heat treated, paper tap collation

Item #	Length (in.)	Dia. (in.)	Colliation	Box Qty.
PA650025	1½	.131	35º Strip	4,000
PA650026	1½	.148	35º Strip	3,000
PA650027	2½	.148	31º Strip	2,500
PA650028	2½	.162	31º Strip	2,000

PASLODE

Galv. Positive Placement®

Metal Connector Nails

- For installing joist hangers, straps, framing anchors/ties, seismic/hurricane ties
- Full head, smooth shank
- Head marked for easier nail identification
- ICC-ES Recognized, ER-2126
- Heat treated, paper tap collation

Item #	Length (in.)	Dia. (in.)	Colliation (deg.)	Box Qty.
PA650014	1½	.148	35	3,000

PASLODE

CF325 Fuel + Nail Combo Pack

Brite 30° Round Head

- For use with Paslode CF325 Cordless Framing Nailer only
- (1) Quicklode™ fuel cell with every 1,000 30° paper tape offset full head nails

Item #	Length (in.)	Dia. (in.)	Shank	Box Qty.
PA650522	2⅜	.113	Smooth	1,000
PA650523	2⅜	.113	Ring	1,000
PA650525	3	.131	Smooth	1,000
PA650535	3¼	.131	Smooth	1,000

PASLODE

CF325 Fuel + Nail Combo Pack

GalvGuard™ 30° Round Head

- For use with Paslode CF325 Cordless Framing Nailer only
- (1) Quicklode™ fuel cell with every 1,000 30° paper tape offset full head nails
- GalvGuard™ Premium Corrosion Protection for pressure treated lumber
- Polymer coating reduces staining and streaking by 80% compared to traditional hot dipped galvanized nails
- Approved for use in pressure treated lumber such as ACQ and MCQ
- IRC R319.3 code approved for use in pressure treated lumber in accordance with ASTM A 153

Item #	Length (in.)	Dia. (in.)	Shank	Box Qty.
PA650526	2⅜	.113	Ring	1,000
PA650563	3	.120	Smooth	1,000

PASLODE

16 Gauge Brite Staples

1/2" Standard Crown

- Special coating bonds to wood for superior holding power
- Extra strong, won't fall apart if dropped

Item #	Length	Box Qty.
PA400026	1"	16,500

Paslode

PASLODE

No Mar Tips For Angled Finish Nailers

- Pack of three replacement No Mar Tips for use with Paslode's 16-Gauge angled finish nailers
- Used for up close precision nailing without damaging materials
- Features: Helps to prevent surface damage of materials while driving nails
- Weight - 2.0 lbs.

Item #
PPA219236

PASLODE

Tall Red Framing Fuel Cell

Paslode's Cordless Framing Nailers

- Maximum performance for Paslode's IMCT Fuel Powered Cordless Framing Nailer
- Ready to use when cap is snapped from front-to-back
- Not for use with the New CF325 Fuel Powered Cordless Framing Nailer

Item #	Number of Shots
PA401301	1,100 - 1,300 nails

PASLODE

Short Yellow Trim Fuel Cell

Paslode's Finish Nailers

- Maximum performance for Paslode's Fuel Powered Cordless Finish and Brad Nailers
- Ready to use when cap is snapped from front-to-back

Item #	Number of Shots
PA650039	1,200 nails (approx.)

PASLODE

Oval Battery

- For use in all Paslode Fuel Powered nailers
- Charges in 2 hours

Item #	Battery Charge Life
PPA404717	4,000 nails

PASLODE

Cordless Tool Cleaner

- Powerful spray removes dirt, moisture and oxides without residue
- Safe for Internal Electronic Components
- Cleans and Dries Quickly
- Non-CFC, Plastic Safe
- Available in 12 oz. cans

Item #
PPA219348

PASLODE

Cordless Nailer Lubrication Oil

- Conditions and lubricates your Paslode Cordless tool for consistent tool performance
- 4 oz. bottle
- For use with all cordless tools

Item #
PPA401482

PASLODE

Fuel Powered Cordless Stapler

16 Gauge - Standard Crown

- Cordless, the freedom of no hoses or compressors
- Less set up time means higher productivity
- Quick-clear feature provides easy access to nose to reduce downtime
- Depth of drive adjustment provides precise control of staple depth
- Powerful, drives 3/4" - 2" standard crown (1/2") 16 gauge staples
- Floating tip for siding over softwall sheating or Celotex®

Item #	Model	Weight (lbs.)	Staple Capacity
PA900078	IM200-S16SS	6.3 w/battery	150 (2 strips)

PASLODE

Construction Stapler

Pneumatic

- Great for roofing, house wrap, wire lath and sheathing
- Drives 5/8"- 1-1/2" wide crown (15/16") 16 gauge staples
- Tool-less quick clear nose removes jams easily

Item #	Model	Weight (lbs.)	Staple Capacity
PA501270	S150-W16R	4.9	150

Paslode

PASLODE

Framing Stapler

Pneumatic

- Great for floor decking, roof sheathing, plywood sheathing and insulation
- Versatile, drives 3/4" - 2" standard crown staples
- Quick clear nose to clear jams quickly and easily
- Vinyl siding guide sold separately

Item #	Model	Weight (lbs.)	Staple Capacity
PA501230	S200-S16	4.9	150

PASLODE

Narrow Crown Stapler

Pneumatic

- Lightweight and durable tool for rough in-plant usage
- Secures joint to enable you to handle truss prior to plate pressings
- Fires wide crown staples for industrial applications

Item #	Model	Weight (lbs.)	Staple Capacity
PA501260	S150-N18	4.9	150

PASLODE

Insulation Sheathing Stapler

Pneumatic

- Top load magazine—reloads easily and reduces nail waste
- Great for housewrap, insulation, wire lath and sheathing
- Drives 3/4" - 2" wide crown (15/16") 16 gauge staples
- Tool-less quick clear nose removes jams easily

Item #	Model	Weight (lbs.)	Staple Capacity
PA501265	S200-W16	4.9	150

PASLODE

No Mar Work Contacting Element

For the F-350

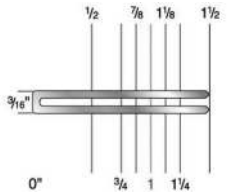
- Prevents the marring of work surfaces when installing siding or deck boards
- Includes one extra replacement rubber tip

Item #
PPA219228

PASLODE

Industrial Staples GSN Series

3/16" Crown - 18 Gauge



- Galvanized finish
- 5000 per box

Item #	Length (in.)
PA092055	1⅛
PA092056	1
PA092057	⅞
PA092058	¾
PA092059	⅝
PA092062	½
PA650341	1¼
PA650342	1½

PASLODE

Galvanized Staples

1/2" Standard Crown-16 Gauge

- Galvanized for corrosion protection
- Extra strong, won't fall apart if dropped

Item #	Length (in.)	Box Qty.
PA0T5240	¾	21,000
PA0T5242	1	16,500
PA0T5238	1¼	13,500
PA0T2695	1½	10,500
PA0T2250	1¾	9,000
PA0T2258	2	7,500

PASLODE

Galvinized Staples

15/16" Wide Crown 16 Gauge

- Wider crown for superior holding power
- Galvanized protection

Item #	Length (in.)	Box Qty.
PA0T2851	⅝	25,500
PA404068	¾	9,000
PA404069	⅞	9,000
PA404070	1	9,000
PA404071	1¼	9,000
PA0T2855	1½	10,500
PA403471	2	7,500

Paslode

PASLODE

Cordless Stapler Stick Battery

- For use with the Fuel Powered Cordless 16 Gauge Stapler (900078NT)
- Battery Charge Life: 4,000 staples
- Charges in 2 hours

Item #
PA402500

PASLODE

Battery Charger

- Charges batteries in 2 hours
- Voltage Sensing Electronics Prevent Overcharging
- AC battery charger
- Accepts Paslode oval and stick batteries

Item #
PPA900200

PASLODE

Tall Yellow Fuel Cell

- Maximum performance for Paslode's 16 ga. Fuel Powered Cordless Stapler
- Ready to use when cap is snapped from front-to-back
- Will shoot approx. 2,400 nails/staples

Item #	Number of Shots
PA404479	2,400 staples/nails (approx.)

PASLODE

High Altitude Fuel Cell

- Designed to improve Paslode's cordless finish nailer and stapler performance in high altitudes
- High altitude valve for elevation 4,000 to 9,000 feet
- Easily installs on Paslode yellow fuel
- Not for use with Paslode red framing fuel

Item #
PA219247

FANACO® FASTENERS

FANACO® FASTENERS

Gun Nails

21 Degree Plastic Collated

Item #	Size	Desc.	Qty.
STOFAN238120EG	2⅜"x.120	Electro Galv.	5M/Box
STOFAN3131EG	3"x.131	Electro Galv.	4M/Box
STOFAN314131EG	3¼"x.131	Electro Galv.	4M/Box
STOFAN314131HDG	3¼"x.131	Hot Dip Galv.	4M/Box
STOFAN312131EG	3½"x.131	Electro Galv.	4M/Box
STOFAN212131	2½"x.131	Vinyl Coated	5M/Box
STOFAN214148	2½"x.148	Vinyl Coated	5M/Box
STOFAN238120	2⅜"x.120	Vinyl Coated	5M/Box
STOFAN3131	3"x.131	Vinyl Coated	4M/Box
STOFAN3148	3"x.148	Vinyl Coated	4M/Box
STOFAN314131	3¼"x.131	Vinyl Coated	4M/Box
STOFAN314148	3¼"x.148	Vinyl Coated	4M/Box
STOFAN312162	3½"x.162	Vinyl Coated	3M/Box

FANACO® FASTENERS

Ring Shank

21 Degree Plastic Collated

Item #	Size	Desc.	Qty.
STOFAN238120R	2⅜"x.120	Ring Shank - Vinyl Coated	5M/Box
STOFAN238120REG	2⅜"x.120	Ring Shank - Electro Galv.	5M/Box

FANACO® FASTENERS

Positive Placement Nails

34 Degree Paper Collated

Item #	Size	Finish	Qty.
STOFAN34112148HTEG	1½"x.148	Heat Treated Electro Galv.	2M/Box

ITW REDHEAD

T3 Fastening System

Single-Shot Fuel Powered

Ramset®

- No licensing or special training needed
- 10x faster than drilling and anchoring
- Lower recoil reduces operator fatigue
- Quite enough to work in occupied buildings

Item #
RAT3SS

ITW REDHEAD

T3 Fastening System

Magazine Fuel Powered

Ramset®

- 25% more power
- Larger diameter pin (.125) for higher stick rate
- Deep leg track capability
- One step fuel injected system
- 15-pin strip, 45-pin magazine

Item #
RAT3MAG

ITW REDHEAD

Fuel and Pin Packs

Gas Tool Fasteners

- Each Fuel Cell contains 1000 shots
- Bigger pin (.125 dia) means better success rate
- New 15 pin strip means less loading and more shooting
- Our new patented Point Collation virtually eliminates jams
- Fuel cell vs. powder load comparison: The average cost savings to deliver 1000 shots for the Ramset T3 fuel cell is between 50-70% less expensive compared to powder
- 1000 per box

Item #	Desc.
RAT3012	½" steel pin with T3 fuel cell
RAT3034B	¾" concrete pin with T3 fuel cell
RAT3034S	¾" step shank pin with T3 fuel cell
RAT3100	1" concrete pin with T3 fuel cell

ITW REDHEAD

Mechanical Pin with Washer

Gas Tool Fasteners

- Used for the attachment of light gage metal to concrete and steel such as HVAC duct strap to concrete
- Plated pin pre-assembled to a 1/2" domed washer (500 per box)
- Shank diameter = .125 Step Pin .104/.118
- Head diameter = .300 (M012=.250)
- Will fit R150 & T3SS with optional work contact element P/N M150200

Item #	Desc.
RAM012	½" Plated step pin with domed washer
RAM034	¾" Plated pin with domed washer
RAM034BB	¾" Premium step pin with domed washer
RAM100	1" Plated pin with domed washer

ITW REDHEAD

Top Hat Pin

Gas Tool Fasteners

- Used for general purpose fastening to concrete
- 100 per box
- Shank diameter = .125 Head diameter = .300

Item #	Desc.
RAMP034TH	¾" Plated pin with top hat

ITW REDHEAD

T3 Fuel Cartridges

T3SS and T3MAG

Ramset®

- Replaces conventional powder loads and drives more than 1000 pins
- Fuel injection means no additional steps of preparing a fuel cell
- Click the fuel cell in place and the tool is ready to go

Item #
RAT3FUEL

ITW REDHEAD

Fuel Cartridges

Ramset®

- Replaces conventional powder loads and drives more than 1000 pins
- Cell–T2, R150, E150 & M150

Item #
RAR-FUEL

ITW REDHEAD

T3SS Extension Pole Tool

Ramset®

- Easy to operate Comfortable "motorcycle" grip replaces handbrake mechanisms
- Sturdy design 25% thicker than similar poles for greater support

Item #	Length (ft.)
RAEPOL6	6

ITW REDHEAD

Automatic Fastening Tools

TrakFast™

Speed:

No other fastening system works as well—or as fast—as TrakFast. It's three to five times faster than any other system. The tool holds 42 pins so the operator spends even less time reloading and more time fastening.

Ease of Use:

TrakFast's self-contained power source makes the tool easier and safer to use than powder or pneumatic tools. Because of TrakFast's unique vacuum return, there's no need to reset the piston after each firing.

No Licensing Required:

Unlike powder actuated tools, no special training or licensing is required.

Reduced Slipping on Work Surface:

Reach is extended, especially overhead, because the end of the nosepiece slips less when fastening to the work surface.

Durability:

The tool body is constructed of high-impact nylon. Fewer parts mean less maintenance. Fewer jams because of our patented guidance system for pins. Less downtime and less maintenance because there's no powder build-up.

Better Pin Guidance:

At the time of firing, the nose of the tool stays on the work surface, resulting in a better guided fastener. Operators see more successful fastenings right away.

No Recoil:

The tool actually absorbs the recoil so there is much less operator fatigue after a long day of fastening.

No Load Changes Required for Different Applications:

Unlike powder tools, there's no need to inventory a variety of load colors when using TrakFast for different applications. TrakFast's self-contained engine delivers consistent fastening force for concrete, block or steel.

Qty/Carton: 1

Item #
RATF1100

ITW REDHEAD

Standard Black Strip Fuel/Pin Packs

1 Fuel Cell & 1,000 Pins

TrakFast™

- Qty/Carton: 1000

Item #	Desc.
RAFPP012S	½ in. Plated Steel Pin
RAFPP034B	¾ in. Black Pin
RAFPP100	1 in. Black Pin

ITW REDHEAD

Breakaway Strip Fuel/Pin Packs

1 Fuel Cell & 1,000 Pins

TrakFast™

Qty./Carton: 1000

Item #	Desc.
RAFPP112T	1½ in. Plated Pin

ITW REDHEAD

Trakfast TekPin Knurled Fastener

- For attaching 14, 16, 18 Ga. stud to track and other metal to metal applications
- Excellent withdrawal & shear loads
- Knurls cinch connections tight
- Great for finish work because head drives flat
- Perfect for blocking and bracing applications

Item #	Desc.
RATEK034	¾" Helical Knurled Shank

ITW REDHEAD

Trakfast Plywood Pins

- For attaching plywood to metal studs
- 3 - 5 times faster than screw installation
- No worrying about electrical cords
- No set-up and tear down time
- No hassling with compressors or hoses
- Hardened steel pin ensures a clean penetration of the fastener — no dimpling of the stud
- Knurled helical shank gives the fastener superior holding values
- Zinc plated for corrosion resistance
- Shank Diameter: .100 dia. (before knurl) Head Diameter: .250

Item #	Desc.
RAPLY138	1⅜" Helical Knurled Shank

RED HEAD

ITW REDHEAD

TrakFast Fuel Cartridges

Ramset®

- Replaces conventional powder loads and drives more than 1000 pins

Item #
RATFUEL

ITW REDHEAD

Powder Fasteners

Semi Automatic

Advantages:

- Excellent balance-easy to use all day long
- Narrow nosepiece for hat track available-Part #27996

Specifications

- .27 caliber 10-shot strip loads 3 (green), 4 (yellow), 5 (red)
- Factory mutual system approved

Pin Capacity: 2-1/2" (3" w/washer)

Item #	Load Type	Max. Pin Length	Weight (lbs.)	Wt
RASA270	.27 Caliber 10-Shot Strip Loads	3" Straight Pin	5.45	534

ITW REDHEAD

Powder Fasteners

Semi Automatic

Ramset®

- 30% faster overhead attachment

Advantages:

- No cycling eliminates wasted loads-work faster and save money
- Super quiet-work in occupied buildings without disturbing occupants
- Weighs just 3 pounds-four pounds lighter than other manufacturer's tool. Increases productivity
- Easy to use-just position, then push to fire. No trigger. No broken cables. No pinched fingers

Specifications

- .27 caliber, 10-shot strip loads 3 (green), 4 (yellow), 5 (red)
- Pin Capacity Ceiling Clips: 1-1/4 in. (match nosepiece with pin)

Item #	Load Type	Max. Pin Length	Weight (lbs.)	Wt
RAVIPER	.27 Caliber, 10-Strip Loads	1½"	4.5	3

ITW REDHEAD

D60

Powder Actuated Nailer

Advantages:

- Quick power adjustment-gives eight levels of power with only one load level for a variety of applications
- Rugged polyamide housing-reduces heat transfer and maximizes user comfort
- Soft, recoil-absorbing handle-for increased operator comfort
- Ramset Disc Technology-loads only advance after firing; eliminates 10-20% of load waste
- 5 year warranty

Item #	Load Type	Max. Pin Length	Weight (lbs.)
RAD60	.25 Caliber, 10 Shot Disc Loads	2⅜" (2½" with washer	4.9

ITW REDHEAD

Hard Concrete and Steel Pins

Standard Powder Actuated

PowerPoint™

- Used for fastening into harder steel and concrete, premium steel and hard concrete pin
- 100 per box
- Shank diameter = .150 Head diameter = .300

Item #	Shank Length (in.)
RASP58	⅝
RASP34	¾

ITW REDHEAD

Ramguard Pins

- Designed for use in treated lumber applications
- 100 per box
- Shank diameter = .145 Head diameter = .300

Item #	Shank Length (in.)
RA1516SDE	2½ w/washer
RA1524SDE	3 w/washer

RED HEAD

ITW REDHEAD

Drive Pins

Powder Actuated

ITW Ramset/Red head powder actuated fasteners are specifically fabricated to meet the exacting requirements of toughness and durability that enable them to penetrate dense concrete and structural quality steel.

Designed for use in concrete and structural steel applications. 100 pin pack

.300 head diameter drive pins

Shank diameter = .145

Item #	Shank Length in. (mm)
RA1503K	½ Knurled (12.7)
RA1506	¾ (19.1)
RA1508	1 (25.4)
RA1510	1¼ (31.8)
RA1512	1½ (38.1)
RA1514	2 (50.8)
RA1516	2½ (63.5)
RA1524	3 (76.2)

ITW REDHEAD

Drive Pins w/Washers

- Washer increases bearing surface against the material to be fastened
- 16 Ga. metal washer (100 per box)
- Shank diameter = .145 Head diameter = .300

Item #	Shank Length (in.)
RA1508SD	1
RA1510SD	1¼
RA1512SD	1-½
RA1514SD	2
RA1516SDC	2½
RA1524SDC	3

ITW REDHEAD

Top Hat Drive Pins

Powder Actuated

- Increases bearing surface against material to be fastened for improved attachment to inconsistent base materials
- 100 per box
- Shank diameter = .145 (SP58TH = .150) Head diameter = 8 mm (SP58TH = .300)

Item #	Shank Length (in.)
RASP58TH	⅝
RA1906	¾
RA1908	1

ITW REDHEAD

Hard Concrete and Steel Pins

Step Shank Powder Fastener

PowerPoint™

- Used for fastening into harder steel and concrete. Premium steel and hard concrete pin
- 100 per box
- Shank diameter = .150 / .180 Head diameter = .300

Item #	Shank Length (in.)
RASP100	1
RASP114	1¼
RASP112	1½
RASP178	1⅞

ITW REDHEAD

1/4”-20 Threaded Studs

For applications that require removability, where shimming is required.

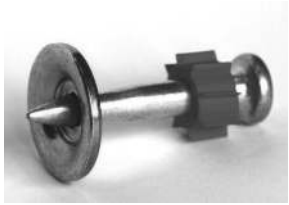
- Shank diameter = .145

Item #	Thread Length in. (mm)	Shank Length in. (mm)	Viper Nosepiece Required
RA1623WK	¾ (19.1)	½ Knurled (12.7)	2VP4125
RA1643W	¾ (19.1)	1 (25.4)	2VP4200

ITW REDHEAD

Hybrid Pin

Powered Fasteners



- For general purpose attachments to concrete
- 500 per box
- Shank diameter = .125 /.150 Head diameter = .300

Item #	Desc
RAM100BB	1" PowerPoint step shank pin with ½" domed washer & flute

ITW REDHEAD

3/8” Threaded Studs

For applications that require removability, where shimming is required.

- Shank diameter = .145
- Thread Length: 1” (25.4) mm

Item #	Shank Length in. (mm)
RA9190	1¼ (31.8)

ITW REDHEAD

Threaded Stud 1/4-20

Gas Tool Fasteners

- Used to attach electrical components to concrete where removability of the component is required
- Plated pin with top hat (500 per box)
- Shank diameter = .125

Item #	Thread Length (in.)	Shank Length (in.)
RA14STUD	½	¾

ITW REDHEAD

Ceiling Clip Assemblies

Powdered Fasteners

- Designed for suspended ceilings and other overhead applications
- Fastener is preassembled to 14 Ga. angle clip for applications such as the hanging of ceiling wire to support ceiling grid.
- Shank diameter = .145 Head diameter = .300

Item #	Pin Length (in.)
RASDC-125C	1¼

ITW REDHEAD

One Hole Conduit Strap

Ramset®

- Used to attach conduit or armored cable to concrete
- 18 Ga conduit strap (100 per box)
- Shank diameter = .125/.150 Head diameter = .300

Item #	Desc.
RA38HSSS10	⅜" Hole strap w/1" premium pin
RA12HSSS10	½" Hole strap w/1" premium pin
RA34HSSS10	¾" Hole strap w/1" premium pin
RA10HSSS10	1" Hole strap w/1¼" premium pin

ITW REDHEAD

Threaded Rod Hanger

Ramset®

- For suspended ceilings, piping and other items using 1/4 or 3/8 threaded rod
- 16 Ga. threaded rod hanger (100 per box)
- Shank diameter = .125/.150 Head diameter = .300

Item #	Desc.
RA14TRHSS10	¼" Rod hanger w/1" premium pin
	⅜" Rod hanger w/1" premium pin

ITW REDHEAD

Threaded Rod Hanger

Gas Tool Fasteners

Ramset®

- The fasteners are designed for use in Ramset Single Shot Gas Tools (R150, T3SS)
- For suspended ceilings, piping and other items using 1/4 or 3/8 threaded rod
- 16 Ga. threaded rod hanger (100 per box)
- Shank diameter = .104/.125 Head diameter = .300

Item #	Desc.
RA14TRHMP034	¼" Rod hanger with ¾" plated pin
RA38TRHMP034	⅜" Rod hanger with ¾" plated pin

ITW REDHEAD

One Hole Conduit Strap

Gas Tool Fasteners

Ramset®

- Used to attach conduit or armored cable to concrete
- 15 Ga. conduit strap (100 per box)
- Shank diameter = .125/.150 Head diameter = .300

Item #	Desc.
RA38HSMP034	⅜" Hole strap with ¾" plated pin (18 Ga.)

ITW REDHEAD

Tie Strap Holder

Gas Tool Fasteners

Ramset®

- Used to install temporary lighting and secure low voltage cable to concrete, uses a standard cable tie up to 3/8" in width
- Fastener pre-assembled to a 22 Ga. tie strap holder (100 per box)
- Shank diameter = .104/.125 Head diameter = .300

Item #	Desc.
RATSHMP034	Tie strap holder with ¾" plated pin

ITW REDHEAD

Semi Automatic Fasteners

- .25 caliber, 10-shot disc loads

Item #	Color	Wt
RA2D60	Brown	4.9
RA3D60	Green	4.9
RA4D60	Yellow	4.9

ITW REDHEAD

Powder Loads

ITW Ramset/Red Head powder loads and tools match tolerances to provide optimum power within recognized national velocity standards. Available in color-coded 10-load discs, 10-load strips, and 100-load boxes.

Powder Guide

Power level is designated by the load level number marked on each box; also by the color of the box and each powder load. As the number increases, the power level increases.

Case Color: Brass

Item #	Tool Model	Power Level	Color	Caliber	Packaging/ Box
RA22CW	721-4170	2	Brown	0.22	100
RA32CW	721-4170	3	Green	0.22	100
RA42CW	721-4170	4	Yellow	0.22	100
RA3RS27	SA270, DX-350	3	Green	0.27	10 Strips
RA4RS27	SA270, DX-350	4	Yellow	0.27	10 Strips
RA5RS27	SA270, DX-350	5	Red	0.27	10 Strips
RA3RS25	DX-35	3	Green	0.25	10 Strips
RA4RS25	DX-35	4	Yellow	0.25	10 Strips
RA5RS25	DX-35	5	Red	0.25	10 Strips
RA6RS27	DX-451	6	Purple	0.27	10 Strips

ITW REDHEAD

Extension Poles

Quality Ramset extension poles provide the convenience of using powder actuated tools for overhead fastening without the need for scaffolding or ladders.

Advantages:

- Rubber "motorcycle" grip for operator comfort and to reduce recoil level
- Encased cable runs length of pole and connects hand lever with trigger-no rods to bend inside
- Delrin™ coupler on cable makes pole di-electric
- Top-quality hand lever and cable system requires only 15 pounds of pressure so cable doesn't stretch
- Lightweight cast aluminum housing fits tool snugly and provides tool protection

For use with:

- D60-our premier semi-automatic tool, featuring power level adjustment and no-waste disc loads
- SA270-high-quality .27 caliber strip tool for general purpose applications
- D45-most durable, high-power, semi-automatic tool for hard concrete and steel applications
- MD380-popular 3/8" head diameter tool
- AUTOFAST-the fastest, quietest tool we make; no cocking
- Hilti® DX36

Item #	Desc. (ft.)
RAPTSEMI6	8
RAPTSEMI8	6

ITW REDHEAD

Ramset Viper

Extension Poles

Ramset®

- Rubber “motorcycle” grip for operator comfort and to reduce recoil level
- Delrin™ coupler on cable makes pole di-electric
- Top-quality hand lever
- Lightweight cast aluminum housing fits tool snugly and provides tool protection
- Trigger bar adjusts easily for individual tools
- Adjustable in 1’ increments

Item #	Length (ft.)
Telescoping	
RATVP0L612	6—12

PNEUTEK

Steel Decking Tools

Stand-up Air-Safe®

- Ergonomic stand-up tool design for comfort, speed and convenience
- Uni-construction fasteners for highest shear strength and ease of inspection
- Fastens into unlimited steel thickness
- Lowest in-place fastener cost
- Highest corrosion resistant fasteners

Item #	Desc.
PIPT-400Z-ER1	1½" Magazine, ½" Head Dia.
PIPT-1500Z-ER1	1½" Magazine, ½" Head Dia.
PIPT-2000Z-ER1	1½" Magazine, ½" Head Dia.

PNEUTEK

Portable Air Compressors

Item #	Description	Output
PIPC-2S13KES-20	Two-stage, 12.5 hp. Kohler engine	20 cfm @ 175 psig`
PIPC-2S22KES-40	Two-stage 22 hp. Kohler engine	39.5 cfm @ 175 psig

PNEUTEK

Auxiliary Tank

- 17 gallon ASME tank assembly
- Equipped with pressure regulator, safety valve, male connector and female coupler

Item #
PIATA-17

Mechanical attachment of roof & pan-deck

Save time and money!

PNEUTEK

1/2" Head Dia. Fasteners

- Knurled fasteners for steel dock
- Pre-collated in color-coded strips of 10
- Easily loaded in magazine which holds 30 fasteners
- 2500 per carton
- Use these pins to attach four thicknesses of 20 Ga. steel deck or three to four of 16/18 Ga. to a steel substrate

Item #	Diameter (in.)	Length (in.)	Steel Substrate Thickness (in.)	For Tool No.
PISDK61075	.142	¾	.113 to .155	PT-400Z
PISDK63075	.172	¾	.155 to .250	PT-400Z, PT-1500Z
PIK64062	.182	⅝	.188 to .312	PT-1500Z
PIK66062	.199	⅝	.281 and up	PT-1500Z
PIK64075	.82	3/4	.188 to .312	PT-1500Z, PT-2000Z
PIK66075	.199	3/4	.281 and up	PT-1500Z, PT-2000Z

PNEUTEK

Air Hose

- 1/2" x 100 ft., 300 PSI air hose assembly
- 3/8" female coupler and 3/8" male connector

Item #
PIAHA-100

Call for a demo of the Pneutek System

Edge rents & repairs Pneutek.

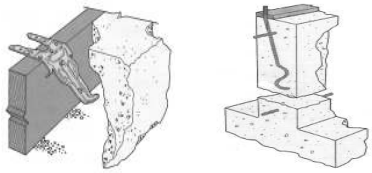
Simpson Hardware Overview

General Categories of Wood Construction Connectors

(Refer to Simpson Strong-Tie Wood Construction Connectors product catalog for more details, options & specifications)

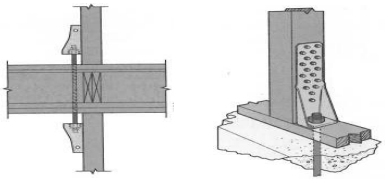
Concrete Connectors & Anchors

- MASA (Mudsill Anchors)
- SSTB/SB (Anchor Bolts)
- Other products like foundation anchors bearing plates, beam seats, . . .
- Refer to other chapter in this catalog for information on mechanical & chemical anchors



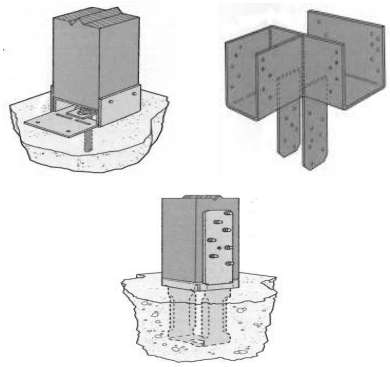
Holdowns & Tension Ties

- HDU (Holdowns)
- LTT/HTT (Tension Ties)
- Ask about other products like strap-tie Holdown, & Purlin anchors



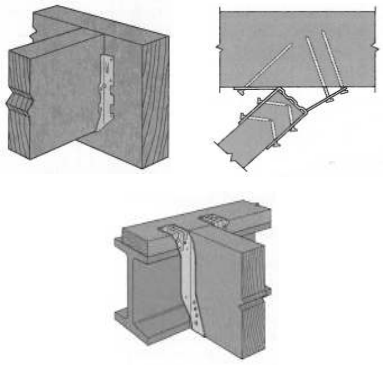
Caps & Bases

- AB/ABA/ABE/ABU (Adj. & Standoff Post Bases)
- CB/CBSQ (Column Bases)
- BC or AC (Post Caps)
- ECCQ/CCQ (Column Caps)
- ECC/CC



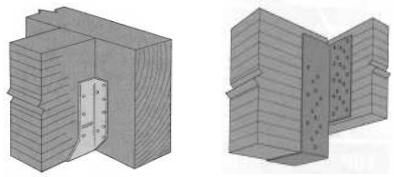
Solid Sawn Lumber Connectors

- LUS/HUS (Joist Hangers)
- LSU/LSSU (Adjustable Light Slopeable U Hanger)
- HU/HUC/HUCQ/HGUS (Glulam Beam & Double Shear Joist Hangers)
- GLS/HGLS/GTL/HGLT (Beam & Glulam Saddle Hangers)
- JB/LB/BA/B/HHB (Joist, Beam & Purlin Hangers)
- Other products like Top Flange Hangers, Skewed Hangers, Pitch Connectors, Hip Ridge Connectors, Truss Hangers, Girder Hangers, Beam/Purlin Hangers, Hinge Connectors, . . .



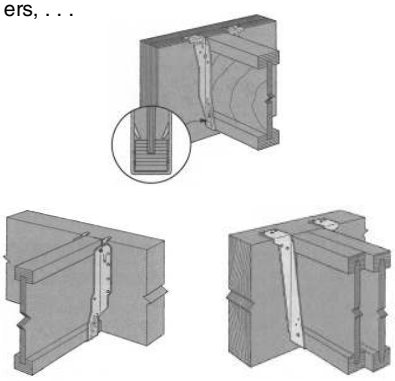
Glulam Beam Connectors

- HU/HUC/HUCQ/HGUS (Glulam beam & Double Shear Hangers)
- LGU/MGU/HGU/HHGU (High Capacity Girder Hangers)
- Also Beams & Purlin Hangers, Saddle Hangers, Hinge Connectors. I-joist hangers, Engineered Wood Products Hangers, Multiple Seat Connections, Hip Ridge Connectors, Slope/Skew Hangers, . . .



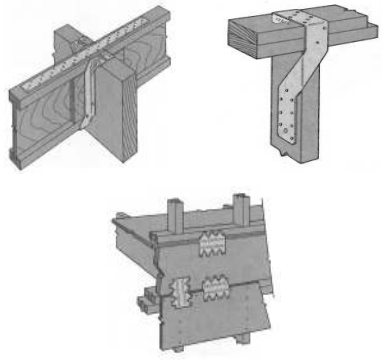
Engineered Wood & Structural Composite Lumber Connectors

- IUS/MIU (I-joist Hangers)
- ITS/MIT/HIT (Enged. Wood Product Hangers)
- LBV/BA/B/HB (I-joist & Structural Composite Lumber Hangers)
- I-joist hangers, Multiple Seat Connections, Hip Ridge Connectors, Slope/Skew Hangers, . . .



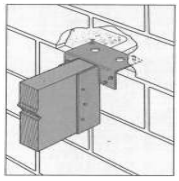
Straps

- MST/MSTC (Strap Ties)
- CS/CMST (Coiled Straps)
- H/TSP (Seismic & Huricane Ties)
- LTP/A (Framing Angles & Plates)
- Floor Span Connectors, Floor Tie Anchors, Purlin Cross Ties, Seismic & Hurricane Ties



Masonry Connectors

- HGUM/LGUM (High Capacity Beam/ Girder Hangers for Concrete/Masonry)
- Ask about other masonry connectors



Architectural Products Group

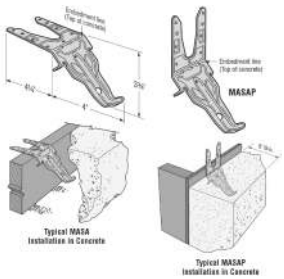
- Ask about specialized products & Finishes

- **Call Edge for information or a quote today**
- **Factory direct distributor of hangers**
- **Typical finish is galvanized**
- **We can help with Rapid Response on your special orders-- call today**
- **Edge can provide more detailed specifications & options**
- **Ask about Plated Truss Connectors**
- **Ask about Lateral Systems: Moment Frames, Shearwalls, & Anchor Tiedown Systems (ATS)**

SIMPSON Strong-Tie®

SIMPSON STRONG-TIE®

MASA Mudsill Anchors

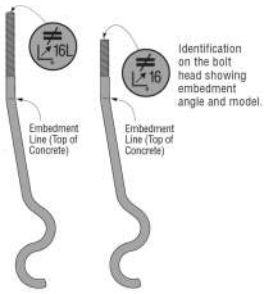


- Mudsill anchors have always been a time-saving alternative to anchor bolts
- Two versions of the MASA are available-the standard MASA for installation on standard forms and the MASAP for panelized forms
- Material: 16 gauge
- Finish: Galvanized, all available in ZMAX® coating

Item #
SNMASA
SNMASAP

SIMPSON STRONG-TIE®

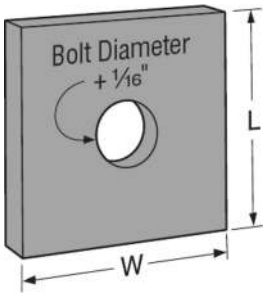
SSTB Anchor Bolts



- The SSTB anchor bolt is desgned for maximum performance as an anchor bolt for holdowns and Simpson Strong-Tie® Strong-WAll® shearwalls
- The SSTB anchor bolts are now code listed by ICC-ES under the 2006 and 2009 IBC® and IRC® to meet the requirements of ICC-ES acceptance criteria - ACC-399. ICC-ES ESR-2611 is the industry's first code report issued for proprietary anchor bolts evaluated to the criteria of AC 399

SIMPSON STRONG-TIE®

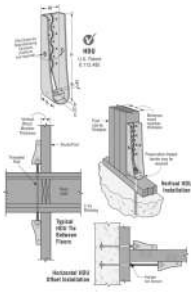
BP Bearing Plates



- Bearing Plates give greater bearing surface than standard cut washers, and help distribute the load at these critical connections
- The BP 1/2 - 3 and BP 5/8 x 3 are 3" x 3" bearing plates that meet the latest requirements of the IRC and IBC; these plate washers are available un-coated or with a HDG coating
- The shear capacity of the connection and the sill/anchor bolt shall be determined by the Designer for each installatio

SIMPSON STRONG-TIE®

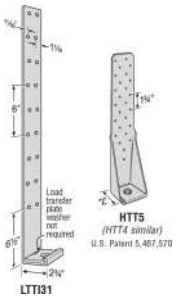
HDU Holdowns



- HDU Holdowns are pre-deflected during the manufacturing process, virtually eliminating deflecton under load due to material stretch
- They use Simpson Strong-Tie® Strong-Drive® SDS screws which install easily and provide reduced fastener slip

SIMPSON STRONG-TIE®

LTT/HTT Tension Ties

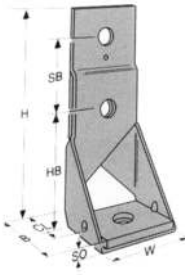


- Tension ties offer a solution for resisting tension loads that is fastened by nails
- The entire line of tension ties has been tested and evaluated to the requirements of AC155
- The HTT4 and HTT5 are the latest generation of tension ties. They feature an optimized nailing pattern which results in better performance with less deflection
- Finish: Galvanized. May be ordered in HDG; contact Simpson Strong-Tie

SIMPSON STRONG-TIE®

HD Holdowns

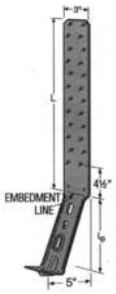
Tension Tie



Holdowns are used to transfer tension loads between floors, to tie purlins to masonry or concrete, etc. Use HDAs and HDs for overturning requirements and other applications to transfer tension loads. All HDAs are self-jigging, ensuring code-required minimum 7 bolt diameter spacing from the end of the wood member to the center of the first bolt hole.

SIMPSON STRONG-TIE®

STHD Strap-Tie Holdowns



The STHD is an embedded strap tie holdown with high load capacity and a staggered nail pattern to help minimize splitting.

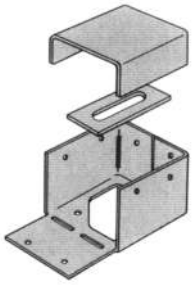
- The strap nailing pattern allows for nailing to the edges of double 2x's
- A slot below the embedment line allows for increased front to back concrete bond and reduced spalling
- Strap nail slots are countersunk to provide a lower nail head profile
- Rim joist models accommodate up to a 17" clear span without any loss of strap nailing
- Coined edges enhance safe handling

Material: 12 ga.

Codes: ICBO 5349.

SIMPSON STRONG-TIE®

AB Adjustable and Stand-off Post Bases



The AB is a fully-adjustable post base which offers moisture protection and finished hardware appearance.

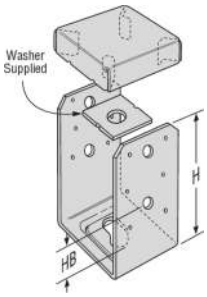
Post bases provide tested capacity. They feature 1" standoff height above concrete floors, code-required when supporting permanent structures that are exposed to the weather or water splash, or in basements. They reduce the potential for decay at post and column ends.

Material: 12 ga plates; 16 ga base cover.

Finish: Galvanized.

SIMPSON STRONG-TIE®

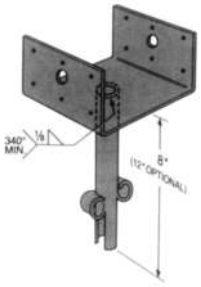
ABU Adjustable and Standoff Post Bases



- The AB is an adjustable post base which offers moisture protection and finished hardware appearance
- These post bases feature 1" standoff height above concrete floors, code-required when supporting permanent structures that are exposed to the weather or water splash, or in basements
- They reduce the potential for decay at post and column ends
- Material: 12 gauge plates-16 gauge base cover
- Finish: Galvanized. Some materials available in ZMAX®

SIMPSON STRONG-TIE®

EPB Elevated Post Bases



Material: 12 ga. base plate, 1 1/16" OD x 8" pipe.

1. Loads may not be increased for short-term loading.

2. EPB46 have extra nail holes; only eight must be filled to achieve table loads.

3. Specifier to design concrete for shear capacity.

SIMPSON STRONG-TIE®

PB Post Bases

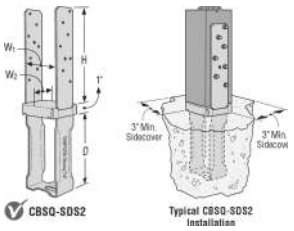
Locking prongs inserts into concrete. The one-piece design assures maximum strength.

Material: 12 gauge.

Codes: BOCA, ICBO, SBCCI NER-443; City of LA RR 25149.

SIMPSON STRONG-TIE®

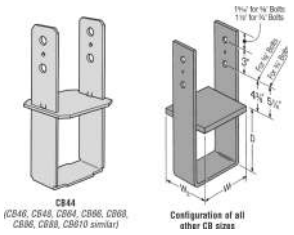
CBSQ Column Bases



- The CBSQ uses Simpson Strong-Tie® Strong-Drive® SDS screws, which allow for fast installation, reduced reveal and high capacity, provides a greater net section area of the column compared to bolts
- Finish: Galvanized, available in HDG with HDG screws
- Ordering: To order with screws, specify CBSQ-SDS2. To order without screws, specify CBS

SIMPSON STRONG-TIE®

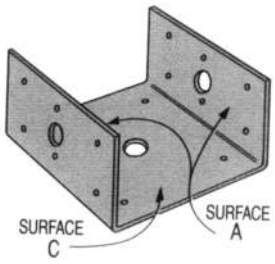
CB Column Bases



- Finish: CB44, CB46, CB48, CB66, CB68, CB610, CB86- galvanized, all other CB - Simpson Strong-Tie® gray paint or HDG
- Available in rough size. Other sizes available for CB specify W1 and W2 dimensions.

SIMPSON STRONG-TIE®

BC Post Caps



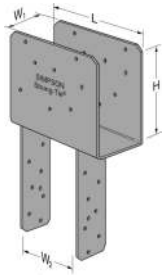
The BC series offers dual purpose post cap/base for light cap or base connections.

Material: 18 gauge.

Finish: Galvanized.

SIMPSON STRONG-TIE®

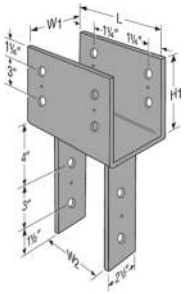
ECCQ Column Caps



- Column caps provide a high capacity connection for column- beam combinations. This design uses Simpson Strong-Tie® Strong-Drive® SDS screws to provide faster installation and provides a greater net section area of the column compared to bolts. The SDS screws provide for a lower profile compared to standard through bolts
- For rough cut lumber sizes, provide dimensions. An optional W2 dimension may be specified with any column size given. (Note that the W2 dimensions on straps rotated 90° is limited by the W1 dimension)

SIMPSON STRONG-TIE®

CC Column Caps



- Column caps provide a high capacity connection for column-beam combinations
- Material: CC3-1/4, CC44, CC46, CC48, CC4.62, CC64, CC66, CC68, CC6-7-1/2 7gauge, all others 3 gauge

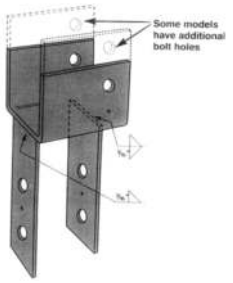
SIMPSON Strong-Tie®

SIMPSON STRONG-TIE®

ECC Column Caps

The industry standard column cap. Precision factory gang-punched holes speed installation on this product line.

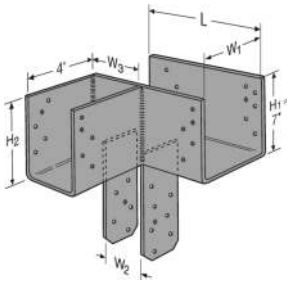
Material: 3 gauge.



SIMPSON STRONG-TIE®

ECCLQ Column Caps

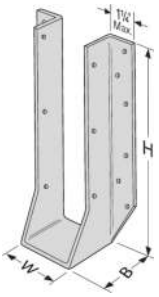
- The ECCLQ column caps provide high capacity, multiple beam to column connection options. The design uses Simpson Strong-Tie® Strong-Drive® screws (SDS) to provide faster installation and a lower profile compared to standard through bolts. Screws are configured to provide high uplift design values
- Material: 7 gauge



SIMPSON STRONG-TIE®

HU Standard Joist Hangers

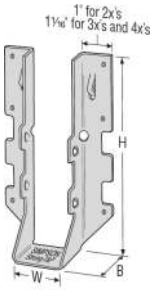
- Most Models have triangle and round holes
- T achieve maximum loads, fill both round and triangle holes with common nails
- These heavy-duty connectors are designed for schools and other structures requiring additional strength, longevity and safety factors
- Finish: Galvanized. Some products available in ZMAX® coating



SIMPSON STRONG-TIE®

LUS Double Shear Joist Hangers

- All hangers in this series have double shear nailing. This innovation distributes the load through two points on each joist nail for greater strength. It also allows for the use of fewer nails, faster installation, and the use of standard nails for all connections (Do not bend or remove tabs)

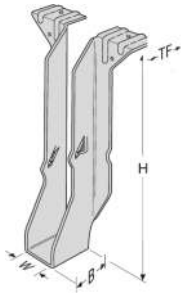


SIMPSON STRONG-TIE®

LB Top Flange Hangers

Joist Beam and Purlin HAngers

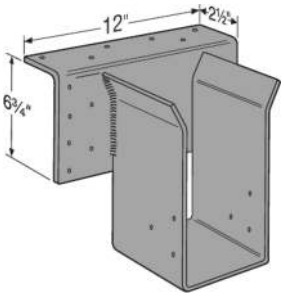
- Finish: Galvanized, can be ordered in HDG



SIMPSON STRONG-TIE®

HGLT Top Flange Hangers

- HGLT hangers accommodate typical structural requirements for timber and glulam beams
- Material: All welded GL series glulam hangers have a 3 gauge top flange
- Finish: Simpson Strong-Tie® gray paint. HDG available



SIMPSON STRONG-TIE®

THA Adjustable Truss Hangers

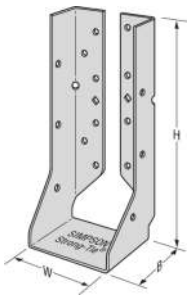
The THA series' extra long straps allow full code nailing and can be field-formed to give top flange hanger convenience.

Codes: BOCA, ICBO, SBCCI NER-209; City of L.A. RR 24949; Dade Co., FL 00-0512.06.

SIMPSON STRONG-TIE®

HUCQ Heavy-Duty Joist Hangers

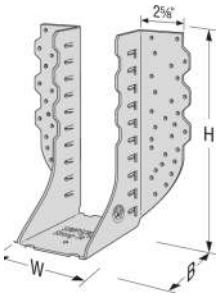
- The HUCQ series are heavy-duty joist hangers that incorporate Simpson Strong-Tie® Strong-Drive® wood screws (SDS)
- Designed and tested for installation at the end of a beam or on a post, they provide a strong connection with fewer fasteners than nailed hangers
- Material: 14 gauge



SIMPSON STRONG-TIE®

HGUS Glulam Beam and Double Shear Joist Hangers

- Face mount hanger used for high load applications
- All hangers in this series have double shear nailing. This patented innovation distributes the load through two points on each joist nail for for greater strength. It also allows for the use of fewer nails, faster installation, and the use of common nails for connections

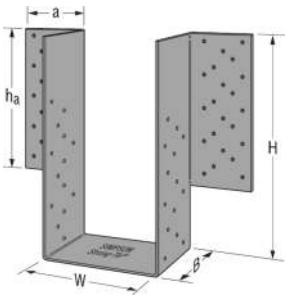


SIMPSON Strong-Tie®

SIMPSON STRONG-TIE®

HGU High Capacity Girder Hangers

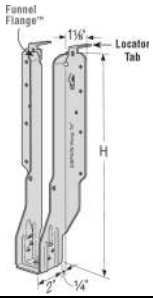
- A high capacity girder hanger designed for situations where the header and joist are flush at the top
- These products can used for retrofit on the framing members after they are temporarily placed in position



SIMPSON STRONG-TIE®

IUS I-Joist Hangers

- The improved IUS is now fully compatible with shallow flange I-joists
- I-joists with flange thickness between 1-1/8" and 1-1/2" achieve the full allowable loads including uplift values and joist nails are not required
- The IUS is a hybrid hanger that incorporates the advantages of the face mount and top mount hanger

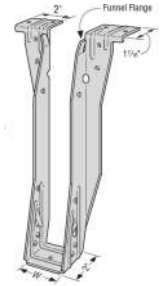


SIMPSON STRONG-TIE®

ITS Top Flange Hangers

Engineered Wood Products Hangers

- The innovative ITS sets a new standard for engineered wood top flange hangers. It installs faster and uses fewer nails than any other EWP top flange hanger
- The new Strong-Grip™ seat and Funnel Flange™ features allow standard joist installation without requiring joist nails resulting in the lowest installed cost
- The Strong-Grip seat firmly secures I-joists with flange thicknesses from 1-1/8" to 1-1/2"

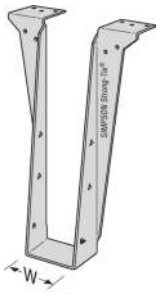


SIMPSON STRONG-TIE®

LBV I Top Flange Hangers

I-Joist and Structural Composite Lumber Hanger

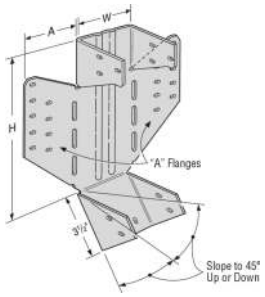
- The newly improved LBV hanger offers offers wide versatility for I-joists and structural composite lumber
- The LBV features positive angle nailing and does not require the use of web stiffeners for standard non-modified I-joist applications



SIMPSON STRONG-TIE®

LSSU Light Slopeable/ Skewable U Hangers for I-Joists and SCL

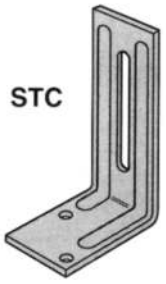
- Attaches joists or rafters to headers, sloped up or down, and skewed left or right , up to 45°
- 18 Gauge
- Finish: Galvanized



SIMPSON STRONG-TIE®

STC/DTC Roof Truss Clips

For alignment control between a roof truss and nonbearing walls; the 1 1/2" slot permits vertical truss chord movement when loads are applied.



SIMPSON STRONG-TIE®

MST Strap Tie

- Straps are designed to transfer tension loads in a wide variety of applications
- Splitting may be a problem with installations on lumber smaller than 3-1/2", either fill fill every nail hole with 10dx1-1/2" nails or fill every other hole with 16d common nails
- Reduce the allowable load based upon the size and quantity of fasteners used

SIMPSON STRONG-TIE®

TS Twist Straps

Twist straps provide a tension connection between two wood members. An equal number of right and left hand units are supplied in each carton.

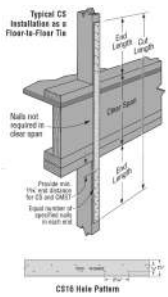
Material: 16 gauge.

Some products available in stainless steel and Z-MAX.

SIMPSON STRONG-TIE®

CS Coiled Straps

- Continuous utility strap which can be cut to length on the job site
- Finish: Galvanized. Some products available in ZMAX® coating

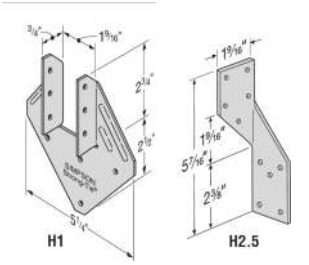


SIMPSON Strong-Tie®

SIMPSON STRONG-TIE®

H Seismic and Hurricane Ties

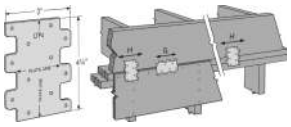
- The Hurricane Tie series features various configurations of wind and seismic ties for trusses and rafters
- Finish: Galvanized. Some items available in stainless steel or ZMAX® coating



SIMPSON STRONG-TIE®

LTP4 Framing Plate

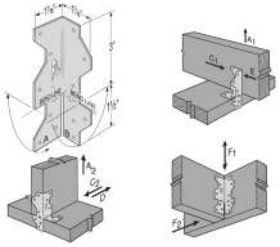
- The LTP4 Lateral Tie Plate transfers shear forces for top plate-to-rim joist or blocking connections
- Nail holes are spaced to prevent wood splitting for single and double top plate applications
- May be installed over plywood sheathing
- Material: 20 gauge



SIMPSON STRONG-TIE®

A35 Framing Angle

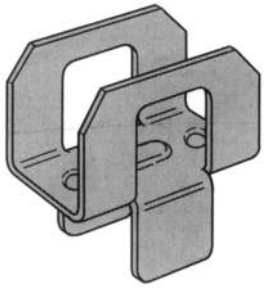
- The A35 anchor's exclusive bending slot allows instant accurate field bends for all two- and three-way ties
- Balanced, completely reversible design permits the A35 to secure a great variety of connections
- Material: 18 gauge



SIMPSON STRONG-TIE®

PSCL Panel Sheathing Clips

Material: 20 gauge.
PSCLs per Span: 1



SIMPSON STRONG-TIE®

QDPROCCS+M25K Screwdriver Kit

Quik Drive®

Includes:

- QDPRO300SG2 attachment
- QDPRO200SG2 attachment
- Extension for stand-up driving
- Quiver for keeping screws at your fingertips
- Tool case
- Expanded depth settings for high-density flooring materials
- Reversible and replaceable non-skid teeth attachment
- Uniform toenailing and countersink on slick surfaces
- Will drive from 1"-3" screws

Item #
QDPROCCS+M25K

SIMPSON STRONG-TIE®

#10 Deck/Dock Stainless Screws

Auto-Feed Screw Driving Systems

Quik Drive®

- #3 Square drive - BIT3S
- Coarse threads
- Type 17 point
- Bugle head
- Curved collation
- Available in 305 & 316 stainless steel

Item #	Length	Material	Qty
QDSS3DSC3BS	3"	305 SS	1000

SIMPSON STRONG-TIE®

#8 Wood-to-Wood Deck Screws

Auto-Feed Screw Driving Systems

Quik Drive®

- #3 Undersized square drive - BIT3SU
- Flat head, twin threads
- Nibs under the head for easier countersinking
- Quik Guard® coating, curved collation
- Sharp point style

Item #	Length	Qty
QDWSNTLG212S	2-½"	1500
QDWSNTLG3s	3"	1000

SIMPSON STRONG-TIE®

#8 Wood-to-Wood Sub Floor Screws

Auto-Feed Screw Driving Systems

Quik Drive®

- For Subflooring/Sheathing/Wall Plates/Stair Tread
- #3 Square drive - BIT3S
- Flat head, twin threads
- Nibs under the head for easier countersinking
- Yellow zinc dichromate coating, curved collation
- Sharp point style

Item #	Length	Qty
QDWSNTL134S	1-¾"	2000
QDWSNTL2LS	2"	2000
QDWSNTL212S	2-½"	1500

SIMPSON STRONG-TIE®

#3 Square Drive Bit

Auto-Feed Screw Driving Systems

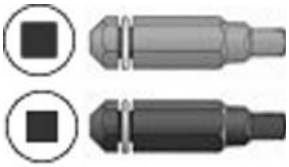
Quik Drive®

- BIT3S - for most screws with #3 recess and interior-grade coating
- BIT3SU - for most screws with #3 recess and exterior-grade coating

Item #	Desc
QDBIT3S-RC10	#3 Square drive bit
QDBIT3SU-RC10	#3 Undersize square drive bit

SIMPSON STRONG-TIE®

Bits and Recess Drives



Quik Drive®

- The bit(s) included in each box of Quik Drive screws should drive the entire box
- Variations in materials and driving technique can cause excessive wear; additional bit packs are available for purchase
- Reference the description on the bit label in your box of screws or the screw box label to ensure correct selection

Item #	Size
QDBIT3S-RC10	#3 Squaredrive
QDBIT3SU-RC10	#3 Undersized

Edge has a large stock of bolts, anchors, screws, and specialty fasteners.

Call for help with your applications.

Edge is happy to research custom fasteners to meet your requirements.

Your PFERD Abrasives Quick Product Selection Guide:
PFERD ADVANCE Power Brushes

PFERD ADVANCE BRUSH

❶ Selection of Filament Material From the workpiece material to the filament material		❷ Selection of Filament Type From the filament material to the filament style.	❸ Selection of Brushes				
			Weld Preparation		Deburring	Cleaning	Surface Texturing
Workpiece Material ▼	Filament Material ▼	Filament Style ▼	Scale Removal	Cleaning Oxidation / Discolouration	Edge / Surface	Edge / Surface	
Construction steel carbon steel alloy steel non-alloy steel titanium concrete	Carbon steel wire	Crimped wire		 Threaded Crimped Wire Cup Brushes Crimped Wire Stem Mounted Wheel Brushes	 Threaded Crimped Wire Cup Brushes Crimped Wire Stem Mounted Wheel Brushes	 Crimped Wire Stem Mounted Wheel Brushes	 Threaded Crimped Wire Cup Brushes
		Knot wire	 Threaded Knot Wire Brushes-Stringer Bead Threaded Knot Wire Cup Brushes	 Threaded Knot Wire Brushes-Full Cable Twist Threaded Knot Wire Cup Brushes Stem Mounted Knot Wire Wheel Brushes	 Threaded Knot Wire Cup Brushes Stem Mounted Knot Wire Wheel Brushes	 Threaded Knot Wire Brushes-Full Cable Twist Threaded Knot Wire Cup Brushes Stem Mounted Knot Wire Wheel Brushes	 Threaded Knot Wire Brushes-Full Cable Twist Threaded Knot Wire Cup Brushes
Stainless steel (INOX) aluminum brass wood plastics copper non-ferrous metals	Stainless steel wire (INOX)	Crimped wire		 Threaded Crimped Wire Cup Brushes			
		Knot wire	 Threaded Knot Wire Brushes-Stringer Bead Threaded Knot Wire Cup Brushes	 Threaded Knot Wire Brushes-Full Cable Twist Threaded Knot Wire Cup Brushes	 Threaded Knot Wire Cup Brushes	 Threaded Knot Wire Brushes-Full Cable Twist Threaded Knot Wire Cup Brushes	 Threaded Knot Wire Brushes-Full Cable Twist Threaded Knot Wire Cup Brushes

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

PFERD ADVANCE BRUSH

Brush Adapters

For use with all Pferd Advance small diameter copper center wheel brushes

- Thickness 5/32”

Item #	O.D. (in.)	I.D. (in.)
MB84636	⅝	½
MB84639	½	⅜
MB84640	½	¼

PFERD ADVANCE BRUSH

Scratch Brushes

- Curved Wood Handle
- Wire rows: 3x19
- Brush length: 6-1/4”
- Block size: 13-3/4”
- Trim length: 1-3/16”

Item #	Filament
MB85002	Carbon Steel Wire
MB85004	Stainless Steel Wire

PFERD ADVANCE BRUSH

Scratch Brush

- Wooden handle
- Wire rows: 3x7
- Brush length: 1-1/2”
- Filament: .006 Stainless Steel Wire
- Block size: 7-1/2” x 1/2”
- Trim length: 1/2”

Item #
MB85055

PFERD ADVANCE BRUSH

Mini Crimped Cup Brush

- Carbon Steel Wire
- Brush diameter: 3-1/2”
- Wire size: .014”
- Thread size: 5/8-11
- Trim length: 7/8”
- Max. RPM: 12,500

Item #
MB82249

PFERD ADVANCE BRUSH

Crimped Wire Cup Brush

- External Thread
- Brush diameter:6”
- Wire size: .020”
- Wire type: Carbon Steel
- Trim length: 1-3/8”
- Max. RPM: 6,000

Item #
MB82517

PFERD ADVANCE BRUSH

Mini Knot Cup Brush, Standard Twist

- External Thread
- Diameter: 2-3/4”
- Trim length: 7/8”
- Max. RPM: 14,000

Item #	Wire Size (in.)	Filament
MB82220	.020	Carbon Steel
MB82329	.014	Stainless Steel

PFERD ADVANCE BRUSH

Knot Wire Cup Brush, Standard Twist

- Internal Thread
- Thread size: 5/8-11
- Wire type: Carbon Steel
- Diameter: 4”
- Wire Size: .014”
- Max RPM: 7,000
- Trim Length: 1-1/2”

Item #
MB82539

PFERD ADVANCE BRUSH

Crimped Wire Stem Mounted Bevel Brush

- Brush diameter: 2-1/2”
- Wire size: .014”
- Shank diameter: 1/4”
- Wire type: Carbon Steel
- Trim length: 11/16”
- Max. RPM: 20,000

Item #
MB82859

PFERD ADVANCE BRUSH

Stem Mounted Crimped Wire Wheel Brush

- Shank Diameter: 1/4”
- Wire type: Carbon Steel
- Max RPM: 20,000

Item #	Brush Dia. (in.)	Wire Size (in.)	Trim Length (in.)	Face Width (in.)
MB82894	2	.012	½	⅜
MB82900	3	.014	1	⅝

PFERD ADVANCE BRUSH

Stem Mounted Knot Wire Wheel Brush, Standard Twist

- Trim Length: 3/4”
- Face Width: 7/16”
- Brush diameter: 3”
- Wire size: .014
- Shank diameter: 1/4”
- Wire type: Carbon Steel
- Max RPM: 25,000

Item #
MB82916

PFERD ADVANCE BRUSH

Knot Wheel Brush

Full Cable Twist

- Brush diameter: 4”
- Wire size: .014”
- Thread szie: 5/8-11
- No. Knots: 22
- Trim length: 3/4”
- Max. RPM: 20,000

Item #	Filament
MB82165	Carbon Steel
MB82295	Stainless Steel

PFERD ADVANCE BRUSH

Knot Wheel Brush

Stringer Bead Twist

- Brush diameter: 4”
- Wire size: .020”
- No. Knots: 32
- Trim length: 3/4”
- Face width: 3/16”
- Max. RPM: 20,000

Item #	Thread Size	Filament
MB82186	⅝-11 Thread	Carbon Steel
MB82193	½-⅜ Thread	Carbon Steel
MB82307	⅝-11 Thread	Stainless Steel

PFERD ADVANCE BRUSH

Knot Wheel Brush

Stringer Bead Twist

- Carbon Steel Wire
- Brush diameter: 6”
- Wire size: .020”
- Thread size: 5/8-11
- No. Knots: 48
- Trim length: 1-1/8”
- Max. RPM: 12,500

Item #
MB82487

PFERD ABRASIVES

Tungsten Carbide Burs

Cylindrical (Plain End)

Shape A

- Cylindrical bur with plain end (uncut)
- Application: Deburring
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF24065	⅜ x ¾	SA-3	2½	Alu
PF24033	¼ x ⅝	SA-1	1 15/16	Diamond
PF24063	⅜ x ¾	SA-3	2½	Diamond
PF24103	½ x 1	SA-5	2¾	Diamond
PF24113	⅝ x 1	SA-6	2¾	Diamond

Your PFERD Abrasives Quick Product Selection Guide:
PFERD Tungsten Carbide Burs

PFERD-Cuts and Applications

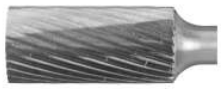
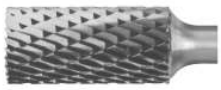
PFERD tungsten carbide burs are designed for machining materials of virtually any strength. The perfect combination of tungsten carbide, shape and cut geometry and, if required, coatings, makes this possible.
PFERD burs are internationally known for highest possible levels of concentricity and consistency. The resulting balance and performance provides many user advantages.

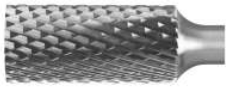
Advantages

- Allows the operator to work more safely.
- Reduces wear on power tool.
- Provides smooth operating action.
- Prevents chatter marks.
- Increases bur service life and stock removal.

Application Examples

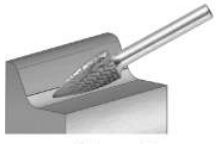
- Deburring.
- Contouring.
- Milling in preparation for build-up welding.
- Weld dressing.
- Milling of acute-angled surfaces.
- Inner contour work, i.e. peripheral and face milling.

Cut Type	Application
Single Cut 	Recommended for high coarse stock removal and good surface finish on cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys.
Double Cut 	Similar to single cut, but with cross cut. Recommended for high coarse stock removal on cast iron, steel < 60 HRC, stainless steel (INOX), nickel-based alloys and titanium alloys.

Cut Type	Application
Diamond Cut 	Recommended for machining when a high stock removal is required. Creates short chips and good surface quality on stainless steel (INOX), steel < 60 HRC, high heat-resistant materials such as nickel-based alloys, cobalt-based alloys.
Fine Cut	Recommended for fine deburring of stainless steel (INOX), high heat-resistant materials such as nickel based, cobalt based alloys.
ALU Cut	Recommended for coarse machining with high stock removal of aluminum and aluminum alloys, light metals, non-ferrous metals and plastics.

Overview Applications and Shapes

Cylindrical	Cylindrical (End Cut)	Cylindrical (Radius End)	Ball
Shape A	Shape B	Shape C	Shape D

Oval	Tree (Radius End)	Tree (Pointed End)
Shape E	Shape F	 Shape G

Flame	Taper	Cone
Shape H	Shape L	Shape M

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Tungsten Carbide Burs

Cylindrical (End Cut)

Shape B

- Application: Interior contour work, i.e., peripheral and face milling
- Shank Dia.: 1/4”
- Box Quantity: 1

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF24292	⅝ x 1	SB-6	2¾	Double
PF24283	½ x 1	SB-5	2¾	Diamond
PF24293	⅝ x 1	SB-6	2¾	Diamond
PF24343	1 x 1	SB-9	2¾	Diamond

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Tungsten Carbide Burs

Cylindrical (Radius End)

Shape C

- General-use shape (combination of cylindrical and spherical geometries).
- Application: Surface milling, Contouring
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF24393	¼ x ⅝	SC-1	1 15/16	Diamond
PF24423	⅜ x ¾	SC-3	2½	Diamond
PF24463	½ x 1	SC-5	2¾	Diamond
PF24473	⅝ x 1	SC-6	2¾	Diamond
PF24483	¾ x 1	SC-7	2¾	Diamond
PF24513	1 x 1	SC-9	2¾	Diamond

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Tungsten Carbide Burs

Ball Shape D

- Application: Contouring, Bore deburring, milling in preparation of build-up welding
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF24543	¼ x 3/16	SD-1	1 15/16	Diamond
PF24563	⅜ x 15/16	SD-3	2 1/16	Diamond
PF24593	⅝ x 9/16	SD-6	2 15/16	Diamond

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Tungsten Carbide Burs

Oval Shape E

- Application: Contouring
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF24633	¼ x ⅜	SE-1	1 15/16	Diamond
PF24643	⅜ x ⅝	SE-3	2⅜	Diamond

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Tungsten Carbide Burs

Tree (Radius End)

Shape F

- Application: Work on narrow contours
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF24693	¼ x ⅝	SF-1	1 15/16	Diamond
PF24703	⅜ x ¾	SF-3	2½	Diamond
PF24733	½ x ¾	SF-13	2½	Diamond
PF24753	¾ x 1	SF-7	2¾	Diamond

Ask an Edge sales rep for an abrasives demo to get the right product for your specific application.

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

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Tungsten Carbide Burs

Tree (Pointed End)

Shape G

- Bullet-shaped bur, flattened tip
- Application: Work on narrow contours, Milling of acute-angled surfaces
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF24783	¼ x ⅝	SG-1	1 15/16	Diamond
PF24793	15/16 x ¾	SG-2	2½	Diamond
PF24803	⅜ x ¾	SG-3	2½	Diamond
PF24813	½ x 1	SG-5	2¾	Diamond

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Tungsten Carbide Burs

Flame

Shape H

- Application: Contouring
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF24863	¼ x ⅝	SH-1	1 15/16	Diamond

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Tungsten Carbide Burs

14° Taper (Radius End)

Shape L

- Application: Work on narrow contours and surfaces, surface machining
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	SCTI No.	Overall Length (in.)	Cut Type
PF25143	5/16 x 1	SL-2	2 13/16"	Diamond
PF25153	⅜ x 1⅛	SL-3	3”	Diamond
PF25163	½ x 1⅛	SL-4	3 1/16"	Diamond

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Tungsten Carbide Burs

Cone (Pointed End)

Shape M

- Conical bur, flattened tip
- Application: Work on narrow contours, Surface machining
- Shank Dia.: 1/4”

Item #	Head Dia. x Lgth. (in.)	Angle (deg.)	SCTI No.	Overall Length (in.)	Cut Type
PF25222	¼ x 1	10	SM-3	1 15/16	Double Diamond
PF25213	¼ x ¾	14	SM-2	1 15/16	Diamond
PF25253	⅝ x 1⅛	31	SM-6	2 15/16	Diamond

PFERD ABRASIVES

Bench Wheel Bushings

- Provide a safe method of reducing the wheel arbor to accommodate various spindle sizes
- The bushing should be flush on both sides of the wheel, and should not interfere with the flanges

Item #	Dia. (in.)
PF69012	1¼ to 1
PF69017	1¼ to ½

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Reducer Bushings

Item #	Diameter
PF69003	1” to ⅞”
PF69004	1” to 20 mm

Ask for a full-line Pferd catalog to see all products available!

Your PFERD Abrasives Quick Product Selection Guide Grinding and Cut-Off Wheels

Starting with your work application ❶ and material ❷, the chart below shows the various types of PFERD abrasives available for your specific job.

❶ Application / ❷ Workpiece Material	Steel, Cast Steel	Stainless Steel (INOX)	Aluminum, Non-Ferrous Metals	Scale, Cast Iron	Cast Iron, Stone, Masonry
REINFORCED GRINDING WHEELS					
Surface Grinding	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness R	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness N (INOX)	**SG-ELASTIC-Alu** Hardness N	**SG-ELASTIC** Hardness S (ZA)	**SG-ELASTIC** Hardness Q
Weld Grinding	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness R	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness N (INOX)	**SG-ELASTIC-Alu** Hardness N	**SG-ELASTIC** Hardness S (ZA)	–
Chamfering	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness R	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness N (INOX)	–	**SG-ELASTIC** Hardness S (ZA)	**SG-ELASTIC** Hardness Q
Deburring	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness R	**SG-ELASTIC** Hardness N (INOX)	–	**SG-ELASTIC** Hardness S (ZA)	**SG-ELASTIC** Hardness Q
Fillet Grinding	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness R	**PS-FORTE** Hardness L **SG-ELASTIC** Hardness N (INOX)	**SG-ELASTIC-Alu** Hardness N	–	–
Root Pass (Pipeline)	**PS-FORTE** Hardness P **SG-ELASTIC** Hardness R Hardness S (ZA)	**PS-FORTE** Hardness M (INOX) **SG-ELASTIC** Hardness N (INOX)	–	–	–
CUT-OFF WHEELS					
Cutting of Sheet Metal and Thin-Walled Profiles < 1/3"	**PS-FORTE** Hardness P **SG-ELASTIC** Hardness S	**SG-ELASTIC** Hardness R (INOX) **SG-PLUS** Hardness S (INOX)	**SG-ELASTIC** Hardness R (C)	–	**SG-ELASTIC** Hardness R (C)
Cutting Solid Material and Profiles	**PS-FORTE** Hardness P **SG-ELASTIC** Hardness S	**SG-ELASTIC** Hardness R (INOX) **SG-PLUS** Hardness S (INOX)	**SG-ELASTIC** Hardness R (C)	**SG-ELASTIC** Hardness Q	**SG-ELASTIC** Hardness R (C) Hardnesse Q
POLIFAN® FLAP DISCS	**Steel, Cast Steel**	**Stainless Steel (INOX)**	**Aluminum, Non-Ferrous Metals**	**Plastics and other Materials**	**Stone, Masonry**
Surface Grinding	POLIFAN® PSF A POLIFAN® PSF ZIRKON POLIFAN® SG A POLIFAN® SG ZIRKON	POLIFAN® PSF A POLIFAN® PSF ZIRKON POLIFAN® SG A POLIFAN® SG A-COOL	POLIFAN® SG A-COOL	POLIFAN® PSF A POLIFAN® SG A POLIFAN® SG A-COOL	POLIFAN® SG SiC
Weld Grinding	POLIFAN® PSF A POLIFAN® PSF ZIRKON POLIFAN® SG A POLIFAN® SG ZIRKON POLIFAN® SGP ZIRKON-STRONG	POLIFAN® PSF ZIRKON POLIFAN® SG ZIRKON	POLIFAN® SG A-COOL POLIFAN® SG SiC	–	–
Chamfering	POLIFAN® SG ZIRKON POLIFAN® SGP ZIRKON-STRONG	POLIFAN® SG ZIRKON	POLIFAN® SG SiC	POLIFAN® PSF A POLIFAN® SG A	POLIFAN® SG SiC
Deburring	SGP ZIRKON-STRONG	POLIFAN® SG ZIRKON	POLIFAN® SG SiC	POLIFAN® PSF A POLIFAN® SG A	–
Fillet Grinding	POLIFAN® SGP ZIRKON-CURVE	POLIFAN® SGP ZIRKON-CURVE	–	–	–

Product Lines

For the wide variety of abrasive grinding applications in industry and trade PFERD now offers three lines of abrasives:

Universal Line PS-FORTE (PSF)

General use in industry and professional trades.

Performance Line SG-ELASTIC (SG)

Widest range of tools for professional use in industry and professional trades.

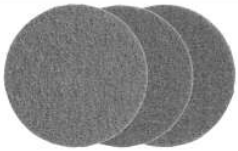
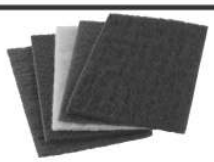
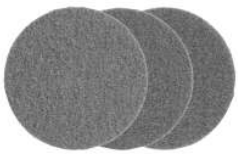
Special Line SG-PLUS (SGP)

For highest possible performance, and for industrial niche applications.

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

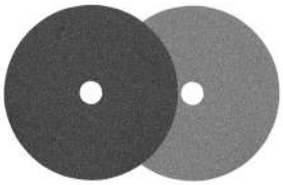
Your PFERD Abrasives Quick Product Selection Guide: Coated and Non-Woven Abrasives

PFERD

Processing Step \ Type of Operation	Face-Down Grinding Tools for Use with Backing Pad	Peripheral Grinding Mounted/Unmounted Tools	Manual Grinding
Rough Gringing Modification of workpiece geometry	 **Fibre Discs** Aluminum oxide grain Grit Sizes: 16, 24, 36		
Multi-step fine grinding, reducing roughness	 **Fibre Discs** Aluminum oxide grain Grit Sizes: 50, 60, 80	 **Mounted Flap Wheels for Angle Grinders** Aluminum oxide grain Grit Sizes: 60, 80, 120 or Zirconia alumina grain Grit Sizes: 60, 80	
Fine grinding Ultra fine grinding	 **Fibre Discs** Aluminum oxide grain Grit Sizes: 80, 100, 120	 **Mounted Flap Wheels for Angle Grinders** Aluminum oxide grain Grit Sizes: 120, 180, 240 or Zirconia alumina grain Grit Sizes: 120	
Cleaning	 **POLIVLIES™ Hook and Loop Discs** Grit Sizes: Coarse, Medium		 **POLIVLIES™ Hook and Loop Discs** Abrasive: Aluminum oxide A General purpose, Medium finish
Fine Surface Finishing Creation of visual surface effects	 **POLIVLIES™ Hook and Loop Discs** Grit Size: Very Fine		 **POLIVLIES™ Hook and Loop Discs** Abrasive: Silicon carbide SiC Ultra fine finish

PFERD ABRASIVES

Coated Abrasive Fiber Discs



- Well suited for both rough and fine grinding
- Very flexible
- For flat and irregular surfaces
- Long life resin bond

Item #	Diameter x Arbor	Grain	Grit	Max. RPM
PF62402	4 x ⅝	Aluminum Oxide	24	15,900
PF62403	4 x ⅝	Aluminum Oxide	36	15,900
PF62406	4 x ⅝	Aluminum Oxide	80	15,900
PF62451	4½ x ⅞	Aluminum Oxide	16	13,300
PF62452	4½ x ⅞	Aluminum Oxide	24	13,300
PF62453	4½ x ⅞	Aluminum Oxide	36	13,300
PF62454	4½ x ⅞	Aluminum Oxide	50	13,300
PF62455	4½ x ⅞	Aluminum Oxide	60	13,300
PF62456	4½ x ⅞	Aluminum Oxide	80	13,300
PF62457	4½ x ⅞	Aluminum Oxide	100	13,300
PF62701	7 x ⅞	Aluminum Oxide	16	8,500
PF62702	7 x ⅞	Aluminum Oxide	24	8,500
PF62703	7 x ⅞	Aluminum Oxide	36	8,500
PF62704	7 x ⅞	Aluminum Oxide	50	8,500
PF62705	7 x ⅞	Aluminum Oxide	60	8,500
PF62706	7 x ⅞	Aluminum Oxide	80	8,500
PF62708	7 x ⅞	Aluminum Oxide	120	8,500

PFERD ABRASIVES

Mounted Flap Wheels

Zirconia Alumina

- Designed for use on stainless steel and high temperature alloys
- Provide high stock removal rates and particularly cool grinding action (abrasive will not load up)
- Length: 1"; Shank Dia.: 1/4"

Item #	Dia. (in.)	Grit	Recom. Speed RPM	Max. RPM
PF45473	2	60	7,000	23,000
PF45481	3	60	4,800	20,000
PF45466	1	80	15,000	25,000
PF45474	2	80	7,000	23,000
PF45467	1	120	15,000	25,000
PF45483	3	120	4,800	20,000

PFERD ABRASIVES

Mounted Flap Wheels

Aluminum Oxide

- 1/4" Shaft Size
- Adapt readily to irregular surfaces
- Can be used in flat surfaces and in difficult to reach areas
- Can be profiled to contours of the workpiece

Item #	Diameter (in.)	Length (in.)	Grit	Rec. RPM	Max RPM
PF45185	1	80	15,000	25,000	
PF45233	1-1/2"	1	80	9,600	23,000
PF45238	2	1	60	7,000	23,000
PF45239	2	1	80	7,000	23,000
PF45240	2	1	120	7,000	23,000
PF45241	2	1	180	7,000	23,000
PF45242	2	1	240	7,000	23,000
PF45208	3	1	60	4,800	20,000
PF45209	3	1	80	4,800	20,000

PFERD ABRASIVES

POLIFAN® Flap Discs

Aluminum Oxide

- Workpiece Materials: Metals, plastics, wood
- Application: Surface grinding, edge grinding

Item #	Dia. (in.)	Thickness Nominal (in.)	Grit	Max. RPM
Flat (PFF-Type 27) - ⅞" Unthreaded Arbor Hole				
PF62009	4½	⅝	40	13,300
PF62010	4½	⅝	60	13,300
PF62011	4½	⅝	80	13,300
PF62012	4½	½	120	13,300
Flat (PFF-Type 27) -⅝"-11 Threaded Arbor Hole				
PF62028	4½	⅝	40	13,300
PF62029	4½	⅝	60	13,300
PF62030	4½	⅝	80	13,300
PF62031	4½	½	120	13,300

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Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

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POLIFAN® Flap Discs

Zirconia Alumina

- INOX-Rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel
- Workpiece Materials: Steel, stainless steel (INOX)
- Application: Weld dressing, edge finishing

Item #	Dia. (in.)	Thickness Nominal (in.)	Grit	Max. RPM
Flat (PFF-Type 27) - 7/8" Unthreaded Arbor Hole				
PF62014	4½	5/8	40	13,300
PF62015	4½	9/16	60	13,300
Flat (PFF-Type 27) - 5/8"-11 Threaded Arbor Hole				
PF62034	4½	9/16	60	13,300
PF62033	4½	5/8	40	13,300
Conical (PFC-Type 29) - Unthreaded Arbor Hole				
PF62052	4½	5/8	40	13,300

PFERD ABRASIVES

POLIFAN® Flap Discs

Aluminum Oxide plus Coolant SG-ELASTIC

- Unique flap disc with particularly cool grinding features on materials with poor thermal conductivity
- Excels at grinding applications which require high-grade surface finish and low thermal stress
- Workpiece Materials: Stainless steel (INOX), aluminum, non-ferrous metals
- Application: Weld dressing, surface grinding with low heat input

Item #	Dia. (in.)	Thickness Nominal (in.)	Grit	Bore (in.)	Max. RPM
Flat (PFF-Type 27) - Unthreaded Arbor Hole					
PF62361	4½	3/4	40	7/8	13,300
PF62362	4½	5/8	60	7/8	13,300
PF62363	4½	5/8	80	7/8	13,300
Flat (PFF-Type 27) - 5/8"-11 Threaded Arbor Hole					
PF62383	7	5/8	80	-	8,600

PFERD ABRASIVES

POLIFAN® Flap Discs

Aluminum Oxide SG-ELASTIC

- Workpiece Materials: Metals, plastics, wood
- Application: Surface grinding, edge grinding

Item #	Dia. (in.)	Thickness Nominal (in.)	Grit	Bore (in.)	Max. RPM
Flat (PFF-Type 27) - Unthreaded Arbor Hole					
PF62140	4	5/8	40	5/8	15,300
PF62142	4	5/8	60	5/8	15,300
PF62144	4	9/16	80	5/8	15,300
PF62146	4	1/2	120	5/8	15,300
PF62150	4½	3/4	40	7/8	13,300
PF62152	4½	5/8	60	7/8	13,300
PF62154	4½	5/8	80	7/8	13,300
PF62156	4½	5/8	120	7/8	13,300
PF62160	5	5/8	60	7/8	12,200
PF62168	7	3/4	40	7/8	8,600
PF62172	7	5/8	80	7/8	8,600
PF62174	7	5/8	120	7/8	8,600
Flat (PFF-Type 27) - 5/8"-11 Threaded Arbor Hole					
PF62250	4½	3/4	40	-	13,300
PF62252	4½	5/8	60	-	13,300
PF62254	4½	5/8	80	-	13,300
PF62266	7	3/4	24	-	8,600
PF62268	7	3/4	40	-	8,600
PF62270	7	5/8	60	-	8,600
PF62272	7	5/8	80	-	8,600
PF62274	7	5/8	120	-	8,600
Conical (PFC-Type 29) - Unthreaded Arbor Hole					
PF62202	4½	5/8	40	7/8	13,300
PF62207	7	3/4	24	7/8	8,600
PF62208	7	5/8	40	7/8	8,600
PF62209	7	5/8	60	7/8	8,600
PF62210	7	5/8	80	7/8	8,600

PFERD ABRASIVES

POLIFAN® Flap Discs

Zirconia Alumina SG-ELASTIC

- High stock removal rate and extended service life.
- INOX-Rated: Free of iron, sulphur and chlorinated fillers; suitable for use on stainless steel
- Workpiece Materials: Steel, stainless steel (INOX)
- Application: Weld dressing, edge finishing

Item #	Dia. (in.)	Thickness Nominal (in.)	Grit	Bore (in.)	Max. RPM
Flat (PFF-Type 27) - Unthreaded Arbor Hole					
PF62176	4½	¾	40	⅞	13,300
PF62178	4½	¾	60	⅞	13,300
Flat (PFF-Type 27) - ⅝"-11 Threaded Arbor Hole					
PF62276	4½	¾	40	-	13,300
PF62278	4½	¾	60	-	13,300
PF62288	7	13⁄16	40	-	8,600
PF62290	7	¾	60	-	8,600
Conical (PFC-Type 29) - Unthreaded Arbor Hole					
PF62222	4½	⅝	40	⅞	13,300
PF62228	7	13⁄16	40	⅞	8,600
PF62229	7	⅝	60	⅞	8,600

PFERD ABRASIVES

Hook and Loop Disc Holders

POLIVLIES™

- Permits surface finishing without visible transitions
- Rapid tool changes

Item #	Dia. (in.)	Shank Dia./Thread	Max. RPM
PF43410	4½	⅝"-11	10,000
PF43412	5	⅝"-11	10,000

PFERD ABRASIVES

POLIFAN® Flap Discs

Silicon CarbideSG-ELASTIC

- Professional tool for grinding on hard to machine metals, plastics and masonry products.
- Workpiece Materials: Titanium, aluminum, fiberglass, plastics, masonry
- Application: Surface grinding, edge grinding

Item #	Type	Desc. (in.)	Thickness Nominal (in.)	Grit	Max. RPM
Flat (PFF-Type 27)- ⅞" Unthreaded Arbor Hole					
PF62124	Unthreaded Arbor Hole	4½	¾	24	13,300
PF62125	Unthreaded Arbor Hole	4½	¾	40	13,300
PF62126	Unthreaded Arbor Hole	4½	⅝	80	13,300

PFERD ABRASIVES

POLIFAN® Flap Discs

POLIFAN®-STRONG

- Fastest possible stock removal rates
- Extended flap length allows for aggressive grinding
- Extremely long tool life
- Abrasive: Zirconia aluminia Z
- Workpiece Materials: Steel
- Application: Work on weld seams, chamfering, deburring

Item #	Diameter (in.)	Thickness (in.)	Grit	Bore (in.)	Max (RPM)
Conical (PFC - Type 29)					
PF62945	4½	9/16	36	7/8	13,300
PF62947	4½	1/2	50	7/8	13,300
PF62955	5	9/16	36	7/8	12,200

POLIFAN - STRONG

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FAST STOCK REMOVAL

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

PFERD ABRASIVES

POLIFAN® Flap Discs

POLIFAN®-CURVE

- Multipurpose - may be used in conventional and underhand applications
- Achieves smooth, consistent surface finish on fillet welds
- Abrasive: Zirconia alumina Z (40 grit)
- Workpiece Materials: Steel, stainless steel (INOX)
- Application: Fillet weld grinding, chamfering, deburring

Item #	Diameter (in.)	Fillet Weld Width (in.)	Arbor Hole	Max (RPM)
Radial Shape (PFR)				
PF67339	4½	Large > 5/16	⅞	12,200
PF67359	4½	Large > 5/16	5/8-11	12,200
PF67343	5	Large > 5/16	⅞	12,200
PF67363	5	Large > 5/16	5/8-11	12,200

POLIFAN-CURVE For Fillet Grinding

PFERD ABRASIVES

Hook and Loop Discs

POLIVLIES™

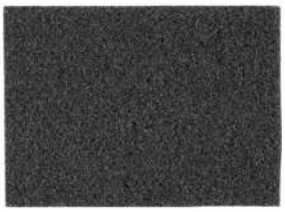
- Attach to the holder by a series of hooks and loops that permits easy-on, easy-off disc changes
- Strong non-woven material will make quick work of heavy oxidation removal, cleaning, and conditioning

Item #	Dia. (in.)	Grade	Recom. Speed RPM	Max. RPM
PF43446	4½	Coarse	3,000	5,000
PF43450	5	Coarse	2,600	5,000
PF43458	7	Coarse	1,800	3,000
PF43447	4½	Medium	3,000	5,000
PF43449	4½	Very Fine	3,000	5,000
PF43453	5	Very Fine	2,600	5,000

PFERD ABRASIVES

Hand Pads

POLIVLIES™



- Designed for light manual grinding, deburring and cleaning work on metals, plastics, glass-fiber reinforced plastics, stainless steel, aluminum, paint, coatings and fillers
- Due to their flexibility, pads provide outstanding results on contours and in hard-to-reach workpiece areas
- Suitable for dry or wet use
- Width x Length: 6”x9”

Item #	Desc.	Grain	Color
PF44600	General Purpose	Aluminum Oxide	Maroon
PF44606	Medium Finish	Aluminum Oxide	Tan
PF44609	Ultra Fine	Silicon Carbide	Grey

PFERD ABRASIVES

Bench Wheels

Universal Line PS-FORTE

Flat (Type 1)

- Designed for use on bench and pedestal grinders, these vitrified wheels offer high performance on a multitude of applications
- Packaged with telescoping bushings to accommodate popular machine spindle sizes
- Abrasive: Aluminum Oxide
- Workpiece Materials: Steel and all ferrous metals
- Also used for sharpening edges of tools made of high speed steel

Item #	Thickness Nominal (in.)	Bore (in.)	Grit	Max. RPM
8” Diameter				
PF61766	1	1¼	60	3,600
PF61767	1	1¼	80	3,600
10” Diameter				
PF61771	1	1¼	60	2,485
PF61772	1	1¼	80	2,485

PFERD ABRASIVES

Cup Wheels

Type 11 Flared

- Aluminum Oxide Mineral, 16 Grit
- High concentration of abrasive grain
- For use on steel, cast iron
- Aggressive cutting action
- Steel back
- 5/8-11 Threaded Arbor Hole

Item #	Diameter (in.)	Thickness (in.)	Max RPM
PF61801	4 x 3½	1	8,600
PF61802	5 x 3¾	1½	7,600
PF61803	6 x 4¾	1½	6,300

PFERD ABRASIVES

Cup Wheels

Type 11 - Flared

- Abrasive: Silicon Carbide
- Workpiece Materials: Natural and synthetic masonry
- Application: Wet grinding, dry grinding
- Steel Back
- 5/8-11 Threaded Arbor Hole

Item #	Dia. (in.)	Thickness Nominal (in.)	Max RPM
PF61805	4 x 3½	1	8,600
PF61806	5 x 3¾	1½	7,600
PF61807	6 x 4¾	1½	6,300

PFERD ABRASIVES

Cut-Off Wheel

Depressed Center Type 27

- High performance cutting of stainless steel
- Abrasive: A- Aluminum Oxide - Inox rated
- Bond: SG- Fast cutting action and long service life

Item #	Diameter (in.)	Thickness (in.)	Arbor (in.)	Max RPM
PF63202	4½	3/32	7/8	13,300
PF63204	4½	1/8	7/8	13,300

PFERD ABRASIVES

Cut-Off Wheels

Flat - Type 1

- Long service life
- Fast cutting action
- For use on steel
- 5/8, Diamond punch-out Arbor
- For use on circular saws, air and electric grinders
- 1/8" Thick

Item #	Desc.	Diameter (in.)	Max RPM
PF63842	Steel	7	8,600
PF63843	Steel	8	7,600
PF63845	Masonry	7	8,600

PFERD ABRASIVES

Cut-Off Wheels

Depressed Center Type 27

- A-SG Premium line of Type 27 cut-off wheels
- Long service life
- Fast cutting action
- For use on Steel, cast iron
- For use on air and electric grinders
- 63202- for Stainless Steel

Item #	Diameter (in.)	Thickness	Arbor	Max RPM
PF63101	4	1/8	3/8	15,300
PF63102	4	3/32	5/8	15,300
PF63103	4½	3/32	7/8	13,300
PF63114	4½	3/32	5/8-11 Threaded	13,300
PF63104	4½	1/8	7/8	13,300
PF63115	4½	1/8	5/8-11 Threaded	13,300
PF63106	5	1/8	7/8	12,200
PF63119	6	1/8	5/8-11 Thread	10,200
PF63112	7	1/8	5/8-11 Thread	8,600
PF63111	9	1/8	5/8-11 Thread	6,600
PF63119	6	1/8	7/8	10,200

PFERD ABRASIVES

Portable Saw Cut-Off Wheels

- Heavily reinforced for safety
- Fast cutting action
- Long service life
- 1/8" Thick

Item #	Diameter (in.)	Arbor	Max RPM	Mineral, Bond
For Cutting Steel				
PF64012	12	20mm	5,100	Aluminum Oxide
PF64014	12	1	5,100	Aluminum Oxide
PF64018	14	1	5,500	Aluminum Oxide
For Cutting Cast Iron/Steel Reinforced Concrete				
PF64121	12	20mm	5,100	Silicon Carbide / Aluminum Oxide Blend
PF64122	12	1	5,100	Silicon Carbide / Aluminum Oxide Blend
PF64123	14	20mm	5,500	Silicon Carbide / Aluminum Oxide Blend
PF64124	14	1	5,500	Silicon Carbide / Aluminum Oxide Blend
For Masonry				
PF64232	12	20mm	5,100	Silicon Carbide
PF64234	12	1	5,100	Silicon Carbide
PF64236	14	20mm	5,500	Silicon Carbide
PF64238	14	1	5,500	Silicon Carbide

PFERD ABRASIVES

Electric Chop Saw Cut-Off Wheels

- Aluminum Oxide abrasive
- Suitable for use on low powered electric chop saws
- For use on Steel
- Fast cutting action
- For general purpose use
- 1” Arbor Hole

Item #	Diameter (in.)	Thickness (in.)	Max RPM
PF64501	12	3⁄32	5,100
PF64502	14	3⁄32	4,400

PFERD ABRASIVES

Stationary Saw Cut-Off Wheels

Aluminum Oxide

- High performance cut-off wheels for stationary saws
- Fully reinforced

Item #	Diameter (in.)	Thickness	Arbor	Max RPM
PF66004	16	1⁄8	1	3,800
PF66006	20	3⁄16	1 1⁄4	3,100
PF66005	20	1⁄8	1	3,100
PF66009	10	1⁄8	5⁄8	7,600
PF66019	20	3⁄16	1	3,800

PFERD ABRASIVES

Cut-Off Wheels

Depressed Center - Type 27

- Superior thin cut-off wheel for maximum performance
- Smooth, cool, fast cutting action
- Abrasive: Aluminum Oxide
- Workpiece Materials: Stainless Steel (INOX). Also suitable for carbon steel and all ferrous metals
- Application: Cutting of sheet metal, sections, and solid material
- Arbor: 7/8”

Item #	Dia. (in.)	Thickness Nominal (in.)	Max. RPM
PF63172	4½	.045	13,300
PF63174	6	.045	10,200

PFERD ABRASIVES

Thin Cut-Off Wheels

Flat-Type 1

- Aluminum Oxide abrasive
- For General Purpose cut-off use
- For use on Steel
- Fast cutting action

Item #	Diameter (in.)	Thickness (in.)	Arbor	Max RPM	Grit
PF69203	2	.035	3⁄8	30,000	60
PF69259	2	1⁄16	1⁄4	27,000	36
PF69303	3	.035	3⁄8	25,000	60
PF69305	3	1⁄16	1⁄4	25,000	36
PF69309	3	1⁄16	3⁄8	25,000	36
PF69317	3	1⁄8	3⁄8	25,000	36
PF69403	4	.035	3⁄8	19,000	60
PF69405	4	1⁄16	1⁄4	19,000	36
PF69409	4	1⁄16	3⁄8	19,000	36
PF69420	4	1⁄8	3⁄8	19,000	24
PF69603	6	.035	5⁄8	10,200	60
PF69606	6	1⁄16	5⁄8	10,200	36
PF69945	4½	.040	7⁄8	13,300	60
PF69960	6	.040	7⁄8	10,200	60

PFERD ABRASIVES

Cut-Off Wheels

Depressed Center - Type 27

- Abrasive: Aluminum Oxide
- Workpiece Materials: Steel, cast iron
- Application: Cutting of sheet metal, sections, and solid material
- Thickness Nominal: .045” (1.6 mm)
- Arbor: 7/8”

Item #	Dia. (in.)	Max. RPM
PF63162	4½	13,300
PF63163	5	12,200
PF63164	6	10,200

PFERD ABRASIVES

Depressed Center Cut-Off Wheels

Depressed Center - Type 27

- Abrasive: Silicon Carbide
- Workpiece Materials: Natural stone, synthetic stone, refractory brick
- Application: For cutting solid material
- Recommendation for Use: Use 3/32" gauge cut-off wheels for maximum tool life and high lateral stability

Item #	Dia. (in.)	Thickness Nominal (in.)	Thread	Max. RPM
PF63309	4½	3/32	5/8"-11	13,300

PFERD ABRASIVES

Die Grinder Cut-Off Wheels

Flat - Type 1 - SG-Plus

- Superior thin cut-off wheel for maximum performance
- Smooth, cool, fast cutting action
- Abrasive: Aluminum Oxide
- Workpiece Materials: **STAINLESS STEEL** (INOX), also suitable for carbon steel and all ferrous metals
- Application: Cutting of sheet metal, sections, and solid material

Item #	Dia. (in.)	Thickness Nominal (in.)	Bore (in.)	Grit	Max. RPM
PF69832	3	.040	¼	60	25,000
PF69834	3	1/16	3/8	46	25,000
PF69842	4	.040	5/8	60	15,200
PF69862	6	.040	7/8	60	10,200
PF69846	4½	.045	7/8	46	13,300
PF69865	6	.045	7/8	46	10,200

PFERD ABRASIVES

Street Saw Cut-Off Wheels

- Specially designed for use on walk-behind saws with drive pin
- Used for cutting expansion joints, new road construction and repair
- Abrasive: Silicon Carbide
- Workpiece Materials: Concrete, Cured Concrete
- Application: Cutting expansion joints
- Pin Hole: 3/8"
- Bore: 1"

Item #	Dia. (in.)	Thickness Nominal (in.)	Max. RPM
PF64304	14	3/16	5,500

PFERD ABRASIVES

Stud Cut-Off Wheels

- Special tool with extended lateral stability for abrasive cutting operations using stationary chopsaws
- Abrasive: Aluminum Oxide
- Workpiece Materials: Steel
- Application: Cuts metal studs, thin rebar, sheet stock and light gauge metal
- Bore: 1"

Item #	Dia. (in.)	Thickness Nominal (in.)	Max. RPM
PF64505	14	1/8"	4,400

PFERD ABRASIVES

General Purpose Grinding Wheels

Type 27 Depressed Center

- Aluminum Oxide abrasive
- General purpose grinding wheel for steel and stainless steel (INOX)
- Fast stock removal
- 1/4" Thick

Item #	Diameter (in.)	Arbor	Max RPM
PF61000	4	5/8	15,300
PF61002	4½	7/8	13,300
PF61001	4½	5/8-11 Thread	13,300
PF61003	5	7/8	12,200
PF61008	5	5/8-11 Thread	12,200
PF61004	7	7/8	8,600
PF61011	6	7/8	10,200
PF61006	7	5/8-11 Thread	8,600
PF61005	9	7/8	6,600
PF61007	9	5/8-11 Thread	6,600

PFERD

PFERD ABRASIVES

Grinding Wheels

Type 27 Depressed Center

- Aluminum Oxide abrasive
- Premium performance grinding wheel for steel/stainless(Inox)
- Fast stock removal

Item #	Diameter (in.)	Thickness	Arbor	Max RPM
PF61104	4½	3/16	7/8	13,300
PF61105	4½	¼	7/8	13,300
PF61106	5	¼	7/8	12,200
PF61108	7	¼	7/8	8,600
PF61110	7	¼	5/8-11 Thread	8,600

PFERD ABRASIVES

Grinding Wheels

Saucer Type 28

- Aluminum Oxide abrasive
- For heavy-duty use on steel
- May be used almost flat, which reduces operator fatigue and edge chipping
- Fast stock removal
- 1/4” Thick

Item #	Diameter (in.)	Arbor	Max RPM
PF61703	7	5/8-11	8,600
PF61704	9	5/8-11	6,600

PFERD ABRASIVES

Grinding Wheels

Type 27 Depressed Center

- Aluminum Oxide abrasive
- For use on aluminum, soft metals
- Non-loading
- Very fast stock removal
- 1/4” Thick

Item #	Diameter (in.)	Arbor	Max RPM
PF61301	4½	7/8	13,300
PF61306	7	5/8-11 Thread	8,600
PF61304	7	7/8	8,600

PFERD ABRASIVES

Grinding Wheels

Type 27 Depressed Center

- Silicon Carbide abrasive
- Fast stock removal
- For use on masonry, concrete, stone, gray cast iron and nodular cast iron
- 1/4” Thick

Item #	Diameter (in.)	Arbor	Max RPM
PF61500	4	5/8	15,300
PF61501	4½	7/8	13,300
PF61508	4½	5/8-11 Thread	13,300
PF61502	5	7/8	12,200
PF61504	7	7/8	8,600
PF61506	7	5/8-11 Thread	8,600
PF61507	9	5/8-11 Thread	6,600

PFERD ABRASIVES

Grinding Wheels

Type 27 Depressed Center

- Abrasive: Zirconia Alumina
- Workpiece Materials: Steel, cast iron (grey and nodular types)
- Application: Weld finishing, edge grinding, root pass grinding
- Recommendation for Use: Provides optimum grinding results on pneumatic turbine grinders and powerful high-frequency or electric angle grinders

Item #	Dia. (in.)	Thickness Nominal (in.)	Bore (in.)	Max. RPM
Unthreaded Arbor Hole				
PF61602	4½	¼	7/8	13,300
PF61604	5	¼	7/8	12,200
PF61605	7	¼	7/8	8,600
5/8"-11 Threaded Arbor Hole				
PF61607	7	¼	-	8,600
PF61608	9	¼	-	6,600

PFERD ABRASIVES

Mandrels

- 1/4” Shaft Size
- 30,000 Max RPM
- For use with Pferd Die Grinder cut-off wheel

Item #	Arbor Size (in.)
PF69026	3/8
PF69027	¼

PFERD ABRASIVES

Grinding Wheels

Type 27 - Depressed Center

- General purpose pipeliner wheel provides smooth grinding action, fast removal rates and good service life
- Abrasive: Aluminum Oxide
- Workpiece Materials: Stainless steel (INOX)
- Application: Surface grinding, edge grinding, root pass grinding
- Recommendation for Use: Achieves Particularly high stock removal rates even at low contact pressure

Item #	Diameter (in.)	Thickness Nominal (in.)	Bore (in.)	Max. RPM
Unthreaded Arbor Hole				
PF63409	4	⅛	⅝	15,300

PFERD ABRASIVES

Pipeline Grinding Wheels

Type 27 - Depressed Center

- For light grinding and cutting of pipeliner root pass, weld and flame cut grinding
- Abrasive: A - Aluminum Oxide
- Material: Steel

Item #	Diameter (in.)	Thickness Nominal (in.)	Arbor	Max. RPM
PF63405	4½	⅛	⅝"-11	13,300
PF63402	9	⅛	⅞"	6,600

PFERD ABRASIVES

Snagging Wheels

Flat (Type 1)

- Type 1 wheels for snagging and grinding
- Abrasive: Aluminum Oxide
- Workpiece Materials: Steel, stainless steel (INOX), cast iron
- Application: Grinding in hard-to-reach areas

Item #	Diameter (in.)	Thickness Nominal (in.)	Bore (in.)	Grit	Max. RPM
PF69337	3	¼	⅜	36	23,000
PF69344	3	½	⅜	24	18,000

PFERD ABRASIVES

Reinforced Grinding Wheels for Pipeline

For surface grinding, edge grinding, root pass grinding

- Available in General Purpose and Premium Performance
- Long service life
- Fast cutting action
- For use on Stainless Steel
- Available in 4" through 9" diameters
- For use on air and electric grinders
- 1/8 Thick

Item #	Diameter (in.)	Arbor	Max RPM	Work-piece Material:	Grain	Grit
PF63414	4½	⅝-11 Thread	13,300	Stainless Steel	Aluminum Oxide. Manufactured without addition of ferrous, sulphurous or chlorinated fillers	24
PF63403	7	⅝-11 Threaded	8,600	Carbon Steel	Aluminum Oxide	24
PF63404	9	⅝-11 Thread	6,600	Carbon Steel	Aluminum Oxide	24

Firestop, Caulk, Paint, & Chemicals

SPECIFIED TECHNOLOGIES

Fire Barrier Sprays

SpecSeal® AS200 Series

- Top of wall spray
- Original quick-dry elastomeric formula
- Water-based - for easy installation, clean-up and disposal
- Thixotropic - superior high-build properties
- Safe - low VOCs, no solvents, non-halogenated
- Auto-bonding - may be re-coated or repaired using ES Caulk
- Low abrasion - for longer pump life and less maintenance
- Tested with spray applied fire resistive material (SFRM)
- Acoustically tested - reduces noise transmission
- Water-resistant - will not re-emulsify when dry

Item #	Desc.
STIAS205	5 gal.
STIAS205R	5 gal. (Red)

SPECIFIED TECHNOLOGIES

Intumescent Collars

SpecSeal® Series Collar

- The economical solution for firestopping common plastic pipe that doesn't compromise safety or performance
- Easy installation - uses STI's quick closure design
- Compact profile - use it in all the tight spots
- Water-resistant - no water soluble or hygroscopic ingredients
- Fast-acting expansion (up to 60X) - to seal off burning pipes
- Safe for contact with plastics

Item #	Desc.
STILCC150	1.5" Dia Plastic Pipe
STILCC200	2.0" Dia. Plastic Pipe
STILCC300	3.0" Dia. Plastic Pipe
STILCC400	4.0" Dia. Plastic Pipe
STISSC600	6.0" Dia. Plastic Pipe

Need Firestop Training? Call Edge Today!

SPECIFIED TECHNOLOGIES

Intumescent Collar

SpecSeal® Series RTC Collars

- Rapid Expansion - Closes off burning pipes quickly
- Small Profile - Use it in all the tight spots
- Flexible & Durable - No loose flakes (eye hazards)
- Water Resistant - No water soluble or hygroscopic ingredients
- Economical - Lower installed cost
- High Volume Char - Expands up to 60 times

Item #
STIRTC350

SPECIFIED TECHNOLOGIES

Fire Barrier Composite Sheets

- Lightweight for easy handling and fabrication and less hanging weight on walls
- Easy to cut using sheet metal tools
- Highly intumescent – expands up to 15X
- Hole Reduction – Used in conjunction with other SpecSeal or EZ-Path® Products for reducing large openings

Item #	Size (in.)
STICS1628	16 x 28
STICS2436	24 x 36
STICS3641	36 x 41

SPECIFIED TECHNOLOGIES

Firestop Sleeve Kit

SpecSeal® Ready Sleeve™

- Seals off the path of fire, smoke and superheated gases while providing support and protection for electrical, telephone, and data cables
- Economical – Significant material and labor savings vs. field fabrication
- No External Firestop Seal Required – Factory supplied intumescent firestop gasket eliminates the need to seal the circumference of the steel sleeve at its egress from each side of barrier
- UL® Classified and Code Compliant – Each kit designed to provide up to a 2 hour F Rating in accordance with UL® System requirements; assures code compliance every time
- For Rated and Non-Rated Barriers – Putty seal impedes the passage of fire, smoke, superheated gases, and particulate dust, and minimizes noise transmission

Item #	Desc.
STIFS100	1" sleeve
STIFS200	2" sleeve
STIFS400	4" sleeve

Specified Technologies Inc. STI. THE FIRESTOP AUTHORITY

SPECIFIED TECHNOLOGIES

Firestop Sleeve Kit

SpecSeal® Ready™

Split Sleeve

- The only UL® Classified Firestop Sleeve for use in oversize openings
- Smooth cable entry — Unique rolled lip eliminates potential sharp edges and the need for conduit bushings
- Sturdy, lightweight — At half the weight of threaded products, and with fewer parts required
- Cable management — Inspector-friendly wall labels included with every kit
- UL Tested and Classified in accordance with ASTM E 814 (UL 1479) with F Ratings up to 4 hours

Item #	Size (in.)	Plate Diameter (in.)	Min. Opening (in.)	Max. Opening (in.)
STIFSR100	1	3x3	1.16	2.25
STIFSR200	2	4.5x4.5	2.38	4.0
STIFSR400	4	8x8	4.5	6.0

SPECIFIED TECHNOLOGIES

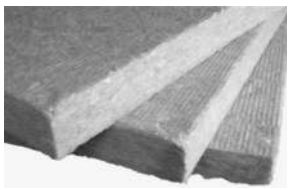
Fire Barrier Mortar

SpecSeal®

- Light weight/low density - less forming and support required; easy retrofit
- Fast drying - forms come down faster
- Economical - highest yield per pound means lower installed cost
- Wide range of application - includes aluminum cable tray.
- Red color - easy identification and inspection
- Chemical adhesion - reduces the need for expensive and time-consuming concrete fasteners
- Trowelable and self-leveling

Item #	Desc.
STISSM106	Poly Pail, 22 lb.

Mineral Wool



- Packing material for firestop systems
- Excellent heat insulator with fire-resistant qualities
- easy to cut 2”x24”x48” sheets

5 per pkg.

Item #
3MMINERALWOOL

SPECIFIED TECHNOLOGIES

Firestop Pillows

SpecSeal®

- Intumescent - expands in all directions for a tough, tight seal
- Reinstallable - for easy retrofitting of cables
- Heat-sealed poly bag protects core and makes pillows slide in and out easier
- Monolithic encapsulated core - no loose fill, tougher, more resilient
- Superior air leakage rating
- UL, cUL classified and FM approved and meets the exacting criteria of ASTM E814 (UL1479).

Item #	Dimension (in.)	Std. Pkg. Qty.
STISSB14	1 x 4 x 9	20
STISSB24	2 x 4 x 9	10
STISSB26	2 x 6 x 9	22
STISSB36	3 x 6 x 9	16

SPECIFIED TECHNOLOGIES

Intumescent Wrap Strips

SpecSeal®

Incredible intumescent power for protecting plastic industrial piping and other combustible penetrants

- Easy Installation - soft and flexible, less strip and less fasteners needed
- Rapid Expansion - closes off burning penetrants faster
- High Volume Char - significant expansion seals off opening
- Water-Resistant - no soluble or hygroscopic ingredients
- Highly Flexible - no foil...soft...supple...easier to install
- Versatile Performer - for a wide range of complex applications

Item #	Desc.
STISSWBLU	Blue Wrap Strip (2”Wx3⁄16”Tx12’L)
STISSWRED	Red Wrap Strip (1.5” W x ¼” T x 12’ L)
STISSWRC2	Metal Restraining Collar 25’ (For use with SSWRED)

SPECIFIED TECHNOLOGIES

Smoke ‘N’ Sound Sealant & Spray

SpecSeal®

- Economical - high performance without the high price
- Safe for contact with plastics
- Water Resistant - will not re-emulsify when dry
- Water-Based - easy installation, cleanup, and disposal
- Remains Flexible - allows movement
- Acoustically Tested - reduces noise transmission
- Low VOCs, Safe, No solvents, Non-Halogenated

Item #	Desc.
STISNS120W	White Sealant, 20 oz. Sausage
STISNS205	Spray, 5 Gal. Pail

Firestop, Caulk, Paint, & Chemicals

Specified Technologies STI. Inc. THE FIRESTOP AUTHORITY

SPECIFIED TECHNOLOGIES

Intumescent Firestop Putty

SpecSeal®

- Non-Hardening - for easy retrofit
- Patented two-stage intumescence - extremely fast and aggressive expansion
- Endothermic fillers - absorb heat and release water
- Highly adhesive - stays put, allows movement
- Soft and pliable - for easy installation
- No water-soluble expansion ingredients - means better water resistance
- Sound deadening - excellent sound attenuation, reduces noise transmission
- UL®, cUL classified and FM approved
- Meets requirements of ASTM E814 and to the time/temperature requirements of ASTM E119

Item #	Desc.
STISSP100	36 cu. in. Putty Tube
STISSP4S	Putty Pad 7.25 x 7.25 x 3⁄16 in.
STISSP9S	Putty Pad 9 x 9 x 3⁄16 in.

SPECIFIED TECHNOLOGIES

Intumescent Sealants

SpecSeal® Triple S®

- Water based - for easy installation, cleanup and disposal
- Patented two-stage intumescence - extremely fast and aggressive expansion
- Remains flexible - allows normal pipe movement
- Sandable and paintable (when dry)
- Water resistant - will not re-emulsify when dry
- Safe for contact with plastics
- Red color - for easy identification and inspection
- Multi-viscosity grade - means excellent caulking properties along with high build capabilities
- Excellent smoke seal
- UL®, cUL classified and FM approved

Item #	Desc.
STISSS100	10.1 oz. Tube
STISSS120	20 oz. Sausage
STISSS129	29 oz. Tube
STISSS105	5 gal. Pail

TIP: Make sure to follow the UL LISTED Firestop system - call Edge for help.

SPECIFIED TECHNOLOGIES

Intumescent Firestop Sealants

LCI

SpecSeal®

- Economical - high performance without the high price
- Highly intumescent - expands up to 10X
- Excellent smoke seal
- Safe for contact with plastics
- Water resistant - will not re-emulsify when dry
- Water based - for easy installation and cleanup
- Acoustically tested - reduces sound transmission
- Low VOCs - safe, no solvents, non-halogenated
- Pale red color - for easy identification
- UL®, cUL classified and FM approved

Item #	Desc.
STILCI300	10.1 oz. Tube
STILCI305	5 gal Pail
STILCI320	20 oz. Sausage
STILCI329	29 oz. Tube

SPECIFIED TECHNOLOGIES

Elastomeric Sealant

SpecSeal®

- Elastomeric - allows movement
- Water-based - easy installation, clean up and disposal
- Auto-bonding - fresh material adheres to previously installed product
- Compatible with AS Spray for applications or repairs
- Safe - low VOCs, no solvents, non-halogenated
- Water-resistant - will not re-emulsify when dry
- Acoustically tested - reduces noise transmission

Item #	Desc.
STIES129	29.0 oz. Tube
STIES120	20 oz. Sausage
STIES105	5 Gal. Pail

SPECIFIED TECHNOLOGIES

Cable Pathway and Firestop

Series 22

EZ-Path™

- Designed for new or existing cable installations through walls (only) up to 9” thick and holds up to 24 CAT 5E cables
- Pathway can be mounted as a single unit in either a 2” round or a 1-1/2” x 1-1/2” square opening
- Height x Width: 1-1/2” x 1-1/2”
- Length: 10-1/2”
- Fire rated in walls up to 4 hrs.

Item #	Desc.
STIEZD22	Device Kit, (2) Wall Plates and (1) Device

SPECIFIED TECHNOLOGIES

Cable Pathway and Firestop Devices

Series 33

EZ-Path™

- No firestopping required - always firestopped
- Self-contained firestop system - automatically adjusts to cable loads
- Easily moves, adds, and changes
- The compact square design (3" x 3" x 10-1/2" long) provides greater cable loading than a conventional 4" sleeve, cables can be added or changed without the need to remove and re-install fire-stopping materials
- Offers a clean, professional, engineered appearance; the device is colored safety orange and comes with wall labels for easy identification
- Splits apart for "old work"
- UL® classified up to 4 hours and FM approved in accordance with ASTM E814 (UL1479)
- Fire rated in walls up to 4 hrs.
- Fire rated in floors up to 4 hrs.
- Ask about other kits and adapters
- Ask about ganging multiple devices together

Item #	Desc.
STIEZD33FWS	Device
STIEZDP33FWS	Device Kit, (2) Wall Plates and (1) Device

SPECIFIED TECHNOLOGIES

Cable Pathway and Firestop

Series 33 Seven Gang Kit

EZ-Path™

- Seven gang kit designed to allow seven Series 33 Pathways to be installed in a 3" x 21" opening
- Attachment plates can be fastened to studs spaced 24" O.C. as the wall is being built or they can be installed in finished walls

Item #
STIEZDP733GK

SPECIFIED TECHNOLOGIES

Cable Pathway and Firestop Devices

Series 44

EZ-Path®

- Designed for new or existing cable installations up to 10" thick through walls or floors
- The Ez-Path® Series 44 pathway holds up to 240 CAT 5E cables
- Pathways can be ganged for additional capacity
- Height x Width: 4" x 4-5/8"
- Length: 14"
- Can be ganged up to 5 in walls and up to 16 in floors
- Fire rated in walls up to 4 hrs.
- Fire rated in floors up to 4 hrs.

Item #	Desc.
STIEZD44	Device Only

SPECIFIED TECHNOLOGIES

Cable Pathway and Firestop

Series 44 Modular Floor grid Sytem

EZ-Path®

- The Ez-Path Modular Floor Grid system can handle literally thousands of cables
- Modular Floor Grid Systems utilize the high volume, EZ-Path 44 Series Pathways installed in banks of four to provide your cabling systems with room to grow
- Sturdy steel grids mount one, two or four banks of pathways in built-in slots for a total of up to sixteen pathways through a single floor opening. A single bank Floor Grid comes complete with Pathways. Multi-bank Modular Floor Grids are installed with fire-stop panels sealing each slot. As additional cable capacity is required, firestop panels are removed and pathway modules containing four pathways are installed in each slot
- Ask for help with your configuration
- Many options available

Item #	Desc.
STIEZDG444	Single Slot Grid, Complete With Grid and Four Pathways
STIEZG844	Dual Slot Grid Only, 8 Pathway Capacity, With Firestop Panels to Seal Unused Slots
STIEZG1644	Four Slot Grid Only, 16 Pathway Capacity, With Firestop Panels to Seal Unused Slots
STIEZD444MB	Four Pathways and Hanger Brackets for use in EZG844 and EZG1644

Low-voltage firestop pathways: EZ-Path

• Always in compliance even if more cables are added in the future

• Can have a single pathway or gang multiple together

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

SPECIFIED TECHNOLOGIES

Ready® Firestop Grommet

- Single Cable Penetrations can be time consuming, expensive, and messy. Now there is a new solution from the cabling innovators at STI. Ready Firestop Grommets make membrane and through-penetrations through rated gypsum board walls a snap. Just drill a hole, run your cable, snap the grommet around the cable, and press it into the wall. Use a single grommet for single sided (membrane) penetrations, or drill a hole through both sides of the wall and install grommets back-to back for through penetrations
- Ready Firestop Grommet is molded from a premium grade plenum-rated polymer. A soft foam inner core conforms to the cable to form a tight seal. The cable is smoke-sealed and firestopped in just minutes with no sleeve, and no sealant or putty required
- Quick to install - 2 piece grommet snaps together for an easy installation
- Economical - Eliminates Sleeves and the need for putty or sealant
- Split design - Can be used with previously installed cables
- Made with Ultem® premium, plenum-grade material - Exceptional flame & heat resistance
- Low voltage cables up to .027 in. O.D.
- 1 & 2 Hr rated gypsum board walls
- Single membrane or through-penetrations

Ready Firestop Grommets were tested to meet the exacting criteria of ASTM E814 (UL1479) and CAN/ULC S115. Tested systems provide up to 2 hr. fire ratings for single cable penetrations in gypsum board/ stud wall assemblies

Item #	Color	Overall Length	Req. Opening
STIRFG1	Red	1⅝"	9⁄16"

SPECIFIED TECHNOLOGIES

Cast-In Firestop Device

SpecSeal®

- The devices install easily and quickly. Simply position the sleeves as required, fasten to the form and pour the concrete
- The molded plastic body can be cut to adjust to the depth of the pour and is tough enough to resist the rigors of the concrete finishing process
- A variety of accessories permit installation under many construction conditions including variations in concrete depth and installation over pan decks
- The unique chambered intumescent system expands rapidly in the event of a fire to provide up to a three hour fire rating. A resilient gasket system seals against the propagation of smoke and provides additional protection against water exposure
- UL listed products

Application:

- 2", 3", 4" and 6" trade size plastic or metallic pipes
- Insulated metallic pipes
- Cable bundles
- Concrete ranging in depth from 2-1/2" to 8"
- Concrete greater than 8" using available extension tubes
- Concrete over steel deck using available Deck Adapter Kit
- Do not use for wall applications

Dimensions:

- 2" ID: Footprint 5-1/8" x 5-1/8" ; Min. Steel Deck Opening 3-5/8"
- 3" ID: Footprint 5-3/4" x 5-3/4" ; Min. Steel Deck Opening 4-1/4"
- 4" ID: Footprint 6-3/4" x 6-3/4" ; Min. Steel Deck Opening 5-1/4"
- 6" ID: Footprint 9" x 9" ; Min. Steel Deck Opening 7-1/4"
- SpecSeal® Cast-In Firestop Devices have been successfully tested in accordance with ASTM E814 (ANSI/UL1479) in one, two and three hour fire-rated floor assemblies. Consult factory for individual system designs and application requirements

Item #	Desc.	Case Qty.
Devices for Combustible and Noncombustible Penetrants		
STICD200	2" Trade Size Cast-In Firestop Device	6
STICD300	3" Trade Size Cat-In Firestop Device	6
STICD400	4" Trade Size Cat-In Firestop Device	6
STICD600	6" Trade Size Cat-In Firestop Device	6
Devices for Non-Combustible Penetrants		
STICD200M	2" Trade Size Cast-In Firestop Device	6
STICD300M	3" Trade Size Cat-In Firestop Device	6
STICD400M	4" Trade Size Cat-In Firestop Device	6
STICD600M	6" Trade Size Cat-In Firestop Device	6
Extension Tubes		
STICD200X	2" Trade Size Extension Tube	6
STICD300X	3" Trade Size Extension Tube	6
STICD400X	4" Trade Size Extension tube	6
STICD600X	6" Trade Size Extension Tube	6
Deck Adaptor Kits		
STICD200K	2" Trade Size Metal Deck Adaptor	6
STICD300K	3" Trade Size Metal Deck Adaptor	6
STICD400K	4" Trade Size Metal Deck Adaptor	6
STICD600K	6" Trade Size Metal Deck Adaptor	6

Call for submittal information

Specified Technologies STI. Inc. THE FIRESTOP AUTHORITY

SPECIFIED TECHNOLOGIES

T-Collar™ Penetrant Heat Sinking Device

SpecSeal®

- The SpecSeal® T-Collar™ Penetrant Heat-Sinking Device is a patented design utilizing sealed thermal heat sink packs, protected by a strong metal outer shell
- The device is secured directly to metal pipes or conduits on the top side of floors or on both sides of walls
- Combined with appropriate SpecSeal® Firestop Products , UL Systems incorporating this device have been tested to provide T ratings up to 2 hours
- Easy to Install and requires no ampacity derating; safer than insulating
- Code Compliant solutions for T ratings
- Easily identifiable to ease the inspection process
- Where codes require equal F and T ratings, the SpecSeal® T-Collar™ (in conjunction with appropriate SpecSeal® Firestop Sealants) is used as a heat-sinking device to reduce temperature transmission through metallic pipes and conduits
- SpecSeal® T-Collar™ Penetrant Heat Sinking Devices have been successfully tested in conjunction with SpecSeal® Firestop Products in accordance with ASTM E814, ANSI/UL1479, and for individual system designs and application requirements

Item #	Description
STITC200	2” Penetrant Heat Seeking Device
STITC300	3” Penetrant Heat Seeking Device
STITC400	4” Penetrant Heat Seeking Device

3M

3M FIRE PROTECTION PRODUCTS

Fire Barrier Caulks

- Water-based - easy cleanup and routine disposal with no special handling
- One-part system - no mixing or measuring required
- Intumescent and endothermic properties
- No-sag, non-halogen formula
- Fast-drying - tack-free in approximately 10-15 minutes
- Provides up to 4 hour F-rating
- Paintable
- Documented aging properties

Item #	Size	Package Type
3MCP25WB	10.1 oz	Cartridge
3MCP25WB-27	27 fl. oz.	Cartridge
3MCP25WB-5	5 gal	Pail

3M FIRE PROTECTION PRODUCTS

Fire Barrier Caulks

- A water based latex, intumescent smoke and firestopping sealant for wall and floor penetrations.
- Easy-to-handle formulation that bonds to gypsum wallboard, concrete, metals, wood, plastic and cable jacketing.
- Dries to a firm, rubber-like solid
- Provides up to 2 hours F-rating
- Distinctive yellow color makes inspections easier

Item #	Desc.	Package Type
3MIC15WB	10.1 fl. oz.	Cartridge

3M FIRE PROTECTION PRODUCTS

Fire Barrier Sealant

- Tested and approved for single metalic pipe penetrations and construction joints
- Water-based for easy installation cleanup and disposal
- High-solids formula means no shrinkage
- Provides up to 3-hour fire rating
- Excellent movement capabilities

Item #	Size	Package Type
3MFD150+BLUE	10.1 fl. oz.	Cartridge
3MFD150+LIMESTONE	10.1 fl. oz.	Cartridge
3MFD150+28BLUE	28 fl. oz.	Cartridge
3MFIREDAM 150+4.5 BLUE	4.5 gal	Pail
3MFD150+4.5LIMESTONE	4.5 gal	Pail

3M FIRE PROTECTION PRODUCTS

Fire Barrier Silicone Sealant

- Premium sealant available in non-slump formula
- Compression/extension recovery of + or - 31% of original joint width
- Re-enterable/repairable
- One part silicone elastomer-cures upon exposure to atmospheric humidity
- Provides up to 4 hour fire rating

Item #	Size	Package Type
3M2000	10.3 fl. oz.	Cartridge

3M FIRE PROTECTION PRODUCTS

Fire Barrier Moldable Putty

- Pliable-conforms into almost any shape
- Will not dry out or crumble
- Provides up to 3-hour fire rating

Item #	Size (in.)
3MMPP+	7 x 7 x ⅛ Pad
3MMPP+9	9½ x 9½ x ⅛ Pad
3MMPS-2+	1.4 x 11 Stix

3M FIRE PROTECTION PRODUCTS

Fire Barrier Sprays

FireDam™

- High coverage rate reduces installation time
- Fast dry, low-sag formula
- Gray color blends with concrete and gypsum
- Applies with conventional airless spray equipment
- Paintable when cured
- Applies as 1/8" wet coating, dries to 1/16"
- Easy clean-up with water
- Provides 4-hour fire rating

Item #	Size (gal.)	Package Type
3M FIREDAM SPRAY 200	5	Pail

3M FIRE PROTECTION PRODUCTS

Fire Barrier Mortar

This lightweight cementitious firestop with excellent adhesion bonds to concrete, metals, wood, plastic and cable jacketing.

- Variable mix ratio - permits self-leveling and no-sag application consistencies
- Re-enterable
- Bonds to itself - proven prior to and during fire testing
- Pumpability - allows faster installation
- Contains no asbestos
- Non-shrinking, non-load formula
- 44 lb. bag (yields a minimum 2 ft. square at a 4" depth)

Item #
3MMORTAR

3M FIRE PROTECTION PRODUCTS

Fire Barrier Pillows

- Stackable and conformable
- No wire mesh or graphite
- Excellent aging properties
- Provides up to 3-hour rating

Item #	Size (In.)	Packaging per Case
3MFB249	2 x 4 x 9	24
3MFB269	2 x 6 x 9	16
3MFB369	3 x 6 x 9	20

3M FIRE PROTECTION PRODUCTS

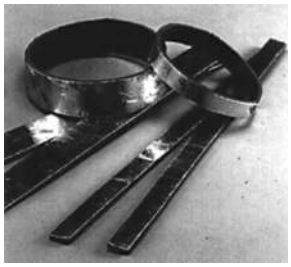
Fire Barrier Composite Sheets

- Ideal for fire-stopping blank openings and through-penetrations of multiple cable, pipe ducts, buss ducts and cable trays
- Intumescent
- Lightweight and easy to handle - just cut and form to fit
- Easy to install using common trade tools
- Easy to fasten - bolt punch or drill through and use self-tapping screws or anchor bolts
- No mixing or damming required
- Re-enterable and provides up to 4-hour fire rating

Item #	Size (in.)
3MCS-195-3X2	36 x 24
3MCS-195-3X3	36 x 36
3MCS-195-3X41	36 x 41

3M FIRE PROTECTION PRODUCTS

Fire Barrier Wraps/Strip

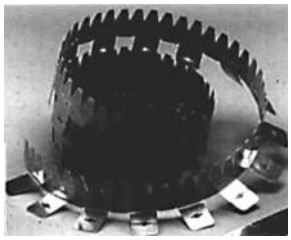


- One-part, intumescent and elastomeric strip with foil on one side
- Can be cut to irregular shapes
- Used with restricting collar or caulk
- Provides up to 4-hour fire rating

Item #	Size (in.)
3MFS-195	2 x 24

3M FIRE PROTECTION PRODUCTS

Fire Barrier Restricting Collar



- Works in conjunction with 3M™ FS-195+ wrap/strip or 3M™ Interam™ Ultra GS
- 28-gauge steel
- Convenient 25-foot roll - cut only what you need
- Required for firestopping plastic pipes larger than 4"

Item #
3MRC-1

3M FIRE PROTECTION PRODUCTS

Duct Wraps

FireMaster®

- Patented inorganic blanket encapsolated with a reinforced aluminum foil
- Used to fire rate commercial kitchen grease, air, and chemical exhaust ducts
- High flexibility and strength for easy installation
- Stitched for easier handling and no slumping

Item #	Size
3M15A	1½" x 24" x 20' roll

3M

3M FIRE PROTECTION PRODUCTS

Ultra Plastic Pipe Devices

- Ultra-fast anchoring system secures device to most substrates without power tools
- One-piece construction
- Intumescent action quickly seals off the penetrating item in a fire
- Provides up to 3-hour fire rating

Item #	Desc.
3MULTRAPPD1.5	For 1.5” pipe
3MULTRAPPD2.0	For 2” pipe
3MULTRAPPD3.0	For 3” pipe
3MULTRAPPD4.0	For 4” pipe

3M FIRE PROTECTION PRODUCTS

Fire Barrier Cast-In Devices

- Adapts to any depth of concrete pour
- Devices for both metal and plastic pipes
- One-step firestopping, no need to core drill holes and firestop later
- Can be used on flat forms or fluted metal decks
- No need to caulk, use plastic pipe devices or wrap strips
- Provides up to 3 hour fire rating

Item #	Diameter (in.)
For Metal Pipes	
3M2MCID	2
3M3MCID	3
3M4MCID	4
3M6MCID	6
For Plastic Pipes	
3M2PCID	2
3M3PCID	3
3M4PCID	4
3M6PCID	6

3M FIRE PROTECTION PRODUCTS

Fire Barrier Cast-In Tub Box Assembly

- Used primarily for new installations
- Fastens to the Cast-In Device
- Creates a void for plumbing access.
- The adaptor contains a 2” foam insert when a 2” deep access void is needed
- For use with 3M Cast-In Devices
- Accommodates plastic and metal pies
- UL tested systems

Item #	Desc.
3M2TB	For use with 2PCID & 2MCID
3M3TB	For use with 3PCID & 3MCID

3M FIRE PROTECTION PRODUCTS

Fire Barrier Cast-In Height Adaptor

- This one-piece plastic device is easy to install
- Use it on fluted steel pan decks for drain, waste, and vented or closed pipe systems
- For use with 3M Cast-In Devices
- One-stop firestopping fluted metal decks
- Accommodates plastic and metal pipes

Item #	Desc.
3M2HA	For use with 2PCID & 2MCID
3M3HA	For use with 3PCID & 3MCID
3M4HA	For use with 4PCID & 4MCID

3M FIRE PROTECTION PRODUCTS

Fire Barrier Cast-In Deck Adaptor

- This one-piece plastic device is easy to install
- Use it on fluted steel pan decks for drain, waste, and vented or closed pipe systems
- For use with 3M Cast-In Devices
- One-stop firestopping fluted metal decks
- Accommodates plastic and metal pipes

Item #	Desc.
3M2MDA	For use with 2PCID & 2MCID
3M3MDA	For use with 3PCID & 3MCID
3M4MDA	For use with 4PCID & 4MCID

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

BASF
The Chemical Company

SONNEBORN

Industrial Sealant

Div.7 07 92 00

Sonolastic® NP 1™

NP 1™ is a one-component, high-performance, nonpriming, gun-grade, elastomeric polyurethane sealant. It requires no mixing and typically requires no priming to bond to many materials, including concrete and masonry.

Features:

- Ready to use
- Joint movement capability ±35%
- Easy to gun and tool
- No primer required for most construction materials
- Weather resistantPackaging
- Wide temperature-application range
- Compatible with nonrigid coatings
- Superior holding power
- UL listed
- Suitable for water immersion
- Low VOC content

Application:

- Expansion joints, Curtain wall construction, Panel walls, Precast units, Aluminum and wood window frames, Roofing, Fascia, Parapets, Structural components, Vinyl siding, Wastewater treatment plants, Dams, Spillways and storm drains, Wetwells and manholes

Item #	Size	Color	Pack
SO32-957	10.1 oz cartridge	Special Bronze	30
SO32-957PP	20 oz sausage	Special Bronze	20
SO32-961	10.1 oz cartridge	White	30
SO32-961PP	20 oz sausage	White	20
SO32-962	10.1 oz cartridge	Off White	30
SO32-963	10.1 oz cartridge	Limestone	30
SO32-963PP	20 oz sausage	Limestone	20
SO32-964	10.1 oz cartridge	Stone	30
SO32-964PP	20 oz sausage	Stone	20
SO32-965	10.1 oz cartridge	Tan	30
SO32-965PP	20 oz sausage	Tan	20
SO32-966	10.1 oz cartridge	Black	30
SO32-966PP	20 oz sausage	Black	20
SO32-967	10.1 oz cartridge	Aluminum Gray	30
SO32-967PP	20 oz sausage	Aluminum Gray	20
SO32-968	10.1 oz cartridge	Medium Bronze	30
SO32-969	10.1 oz cartridge	Redwood Tan	30
SO32-970	10.1 oz cartridge	Hunter Green	30
SO32-971	10.1 oz cartridge	Anodized Aluminum	30

SONNEBORN

Joint Sealants

Div.7 07 92 00

Sonolastic® 150

Sonolastic® 150 with VLM Technology is a premium, very low-modulus, high-movement, nonsag, fast-curing, ready to-use, silyl-terminated polyethersealant. It combines the best qualitiesof organic and silicone sealants to keep moving joints weathertight

- Superior Adhesion: Long term Bond – reduced call backs
- Very low modulus: Accommodates extreme joint movement (100% extension in EIFS joints with little stress on bond line)
- Compatible with nonrigid coatings: May be painted soon after installation
- Easy to gun and tool: Speeds application; makes neater joints
- Ready-to-use 1 component: Reduces labor; speeds application
- Wide temperature application range: Use in all climates
- Weather resistant: Provides long-lasting weathertight seals
- Fast curing: Speeds jobsite production
- Nonstaining: Use safely on stone and other sensitive substrates
- Mildew resistant: Does not support mildew growth; offers low-odor alternative for sanitary areas
- Available in ProPaks: Reduces jobsite waste; lowers disposal costs
- Very low VOC's (2 g/L): Meets all State and Federal regulations

Item #	Color	Size
SO51703714	Aluminum Gray	10.14 oz.
SO51703820	Black	10.14 oz.
SO51704032	Limestone	10.14 oz.
SO51704138	Medium Bronze	10.14 oz.
SO51704244	Off White	10.14 oz.
SO51704350	Redwood Tan	10.14 oz.
SO51704562	Slate	10.14 oz.
SO51704668	Special Bronze	10.14 oz.
SO51704774	Stone	10.14 oz.
SO51704880	Tan	10.14 oz.

Ask Edge for product specifications & submittal information.

WHITE LIGHTNING® CAULKS & SEALANTS

100% RTV Silicone Sealants

White Lightning®

- HIGH HEAT RED
- Performs from -85°F to 500°F continuously
- Withstands 600°F intermittently
- Non-sagging, non-slumping for overhead or vertical surfaces
- Will not crack, crumble or shrink
- Excellent weathering performance and adhesion
- Remains uniform and flexible over wide temperature range
- Size: 10 oz. cartridge

Item #
KRWL09611

WHITE LIGHTNING® CAULKS & SEALANTS

100% RTV Silicone Sealants

White Lightning®

- SILICONE RUBBER
- Use for interior and exterior projects
- Highly, permanently flexible, provides wateright seal
- Will not crack, crumble, or shrink
- Resists moisture and mildew
- Excellent adhesion to non-porous materials
- NSF and USDA compliant
- Size: 10 oz. tube

Item #	Desc.
KRWL09010	Clear
KRWL09210	White
KRWL09310	Aluminum
KRWL09410	Black
KRWL09023	Clear

WHITE LIGHTNING® CAULKS & SEALANTS

Acrylic Latex Caulks

White Lightning®

- Can be used in interior & exterior applications
- Applies a smooth, professional bead without gaps or air bubbles
- Maintains superior flexibility and elasticity
- Excellent color retention
- Cured caulk resists rust and mildew
- Can be painted or stained after curing
- 10-oz. plastic cartridge

Item #	Desc.
KRWL30060	White

OSI

Heavy-Duty Sub-Floor & Construction Adhesive

Pro Series®

- Cold weather formula provides excellent adhesion and easier extrusion
- Can be applied directly to dry, wet or frozen lumber
- It offers fast set, superior strength development and is compatible with most building materials
- Will bridge minor gaps when bonding irregular surfaces, ultimately reducing squeaky floors
- Can be used in interior or exterior applications
- Waterproof and weatherproof

Item #	Cartridge Size (fl. oz.)	Color
OISF-450	28	Tan

OSI

Sub-Floor & Deck Adhesive

Green Series®

- Ultra Low VOC content meets stringent State and Federal VOC requirements
- For Glued Floor Systems and other general construction needs, interior or exterior.
- High performance, non-flammable, low gassing
- Will bridge minor gaps when bonding irregular surfaces
- Can be applied directly to dry, wet or frozen lumber

Item #	Size (fl. oz.)	Color
OI1020004	28	White

OSI

Metal Framing & Drywall Adhesive

Pro Series®

- High initial grab helps eliminate nail pops
- Provides sufficient open time for the positioning of gypsum panels
- Rapid bond development
- Bridges minor framing irregularities
- Unaffected in cold weather use
- After cure, bond is flexible enough to allow for structural movement due to settling
- Waterproof and weatherproof

Item #	Cartridge Size (fl. oz.)	Color
OIF-38	28	Tan

OSI

Multi Purpose Construction Adhesive

Pro Series®

- High initial grab minimizes nailing requirements
- Waterproof and weatherproof - Can be used in interior or exterior applications
- Will bridge minor gaps when bonding irregular surfaces

Item #	Cartridge Size (fl. oz.)	Color
OIQB-300	28	White

OSI

Acoustical Sound Latex Sealant

Pro Series®

- Ultra low VOC formulation meets the strictest of State and Federal VOC regulations
- Qualifies for LEED® building certification points
- Water based, easy clean-up with water
- Permanently flexible will not harden, crack or separate over time
- Bonds to most building materials
- Reduces sound transmission
- Low odor

Item #	Cartridge Size (fl. oz.)	Color
OISC-175	28	White

OSI

Pro Foam II

Minimally Expanding Insulation

Green Series®

- Low foam pressure/low expansion product will not warp or deform windows or doors
- Aids in filling gaps or cracks to eliminate drafts and sound transmission
- High insulating value - Provides an R factor of 5 per inch of foam
- Closed foam structure will not absorb moisture
- Quick setting formulation - Can be cut or trimmed in less than 1 hour
- Will not harden or crack out over time
- Adheres to all types of wood, metal, concrete, brick, glass, drywall, most plastics and other building materials

Item #	Size (oz.)	Color
OI1183480	29	White

OSI

Heavy-Duty Construction Adhesive

Loctite®

Power Grab®

- 9x higher instant grab than traditional adhesives
- Exterior / Interior water resistant formula
- Paintable & water clean-up
- Suitable for indoor and outdoor applications
- Low odor

Item #	Size (oz.)	Color
OI841989	10.1	White

NEWBORN BROTHERS

Economy Caulk Gun

Smooth Rod Cradle

- 10:1 Thrust Ratio
- 1/10 gal. capacity
- Seal Puncture Tool / Spout Cutter
- Ladder Hook

Item #
NE101

NEWBORN BROTHERS

Caulk Gun

Hex Rod/Parallel Frame

- 10:1 Thrust Ratio
- E-Z Thrust
- E-Z Load Front Cap
- Ladder Hook

Item #	Size (gal.)
NE111	1/10
NE125	1/4

NEWBORN BROTHERS

Caulk Gun

Super Ratchet Rod Cradle

- 6:1 Thrust Ratio
- Seal Puncture tool / Spout Cutter
- Ladder Hook
- Finger Guard
- 1/10 gal. Capacity

Item #
NE188

NEWBORN BROTHERS

High Thrust Caulk Gun

Super Smooth Rod/Revolving Frame

- 18:1 Thrust Ratio
- Revolving Barrel
- Seal Puncture Tool
- Spout Cutter
- Ladder Hook
- Thumb Release
- Zinc Alloy Handle

Item #	Size (gal.)
NE250	1/10
NE255	1/4

NEWBORN BROTHERS

Bulk/Sausage Caulk Gun

Smooth Rod

- 18:1 Thrust Ratio
- Lightweight Aluminum
- Multi-Chemical Resistant Twin Hytrel Cup
- Bulk/Sausage Conical Ejector
- 3 PC-620 Cones Included
- Zinc Alloy Handle

Item #	Size
NE620-AL	24 oz. Bulk, 10 oz. & 20 oz. Sausage Packs, 10 oz. Cartridge

NEWBORN BROTHERS

Bulk/Sausage Caulk Gun

Deluxe Hex Rod

- Adjustable Thrust Ratio (14:1 or 7:1)
- Patented Gator Trigger™ Comfort Grip
- Rotating Barrel with Lock
- Ring Cap and 3 Cones Included
- OV-25 Oval Nozzle Included (1/2")
- Leather Cups Standard with Floating Sausage Cup
- Effective Trigger Grip (ETG) for Longer Rod Life

Item #	Size
NE624	24 oz. Bulk, 10 oz. and 20 oz. Sausage Packs
NE632	32 oz. Bulk, 10 oz., 20 oz. and 30 oz. Sausage Packs

NEWBORN BROTHERS

Dual Component Caulk Gun

- 26:1 Thrust Ratio
- Dispenses 300ml x 300ml; 300ml x 150ml; 150ml x 150ml; 150ml x 75ml
- Easily Converts in Just Seconds with Patented Snap In / Snap Out Push Disks
- Patented Cartridge Stabilizing Plate for Extra Cartridge Support
- Extra Durable Heated Treated Piston Rod to Last Longer Than Comparable Models
- Precision Sintered Friction Plate
- Easy Release Star-Burst Reverse Gripping Plate

Item #
NE535-XSP

NEWBORN BROTHERS

Caulk Gun Cone Accessory

- Green Plastic to be used with 2" Barrel (with RCP-60 Ring Cap)
- Yellow Plastic to be used with Sausage Guns

Item #	Description
NEPC-58	Green
NEPC-620	Yellow

NEWBORN BROTHERS

Caulk Gun Nozzles

Item #	Desc.
NEOV-17	3/16" I.D. Oval End
NEOV-18	1/4" I.D. Oval End
NEOV-21	3/8" I.D. Oval End
NEOV-25	1/2" I.D. Oval End
NER-10	3/32" I.D. Round End
NER-11	1/8" I.D. Round End

NEWBORN BROTHERS

Caulk Spatulas

Item #	Desc.	Width (in.)
NESPT-10S	10" Straight	1 1/2
NESPT-3P	3" Tapered	5/8 - 3/8

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

KRYLON® INDUSTRIAL PAINTS

Acrylic Enamel Spray Paint

Tough Coat™

- Specially formulated for a variety of industrial applications; tough, protective coating resists chipping and peeling
- Ideal for light-to-heavy-duty painting projects, both indoors and outdoors
- Smooth, even coverage with fan spray nozzle
- Fast-drying; dries to the touch in just 15 minutes
- Size: 16 oz. can, 12 oz. net, 12/case

Item #	Color
KRS00326	Machinery Lt. Gray
KRS00329	Machinery Blue Gray
KRS00325	Machinery Dark Gray
KRS01000	Clear Gloss Topcoat
KRS01003	Intl. Harvester Red
KRS01005	Bright Red
KRS01006	Allis Chalmers Orange
KRS01008	Ford Blue
KRS01101	Cherry Red
KRS01110	OSHA Red
KRS01150	Zinger Pink
KRS01210	OSHA Orange
KRS01285	Cordova Brown
KRS01305	Lt. Beige
KRS01310	OSHA Yellow
KRS01415	Machine Green
KRS01470	OSHA Safety Green
KRS01485	Ivy Green
KRS01510	OSHA Blue
KRS01515	Dark Blue
KRS01540	Light Blue
KRS01580	OSHA Purple
KRS01760	Aluminum
KRS01765	Gold
KRS01770	OSHA Black
KRS01800	OSHA White
KRS03720	Flat White
KRS03725	Semi-Flat Black
KRS03727	Max Flat Black
KRS01811	Orange
KRS01812	Red
KRS01815	Green
KRS00324	Aluminum
KRS00332	Black
KRS00339	Red Oxide
KRS00340	Gray
KRS00341	Light Gray Sandable
KRS00342	Red Oxide Sandable

SPRAYON®

Silver Galvanizing Compound

Shiny Finish

- Bright hot-dip shiny finish
- Excellent touch-up for repair of galvanized substrates
- Inhibits corrosion on ferrous metals
- 69% zinc
- Dries to touch in 30 minutes
- VOC compliant
- Meets ASTEM A780
- Size: 16 oz. can, 14.25 oz. net, 12/case

Item #
KRS00739

SPRAYON®

Zinc-Rich Cold Galvanizing Compound

Dull Finish

- Provides maximum protection to steel exposed to severe corrosive environments
- Fuses zinc to the metal substrate to protect against corrosion
- 97-percent pure zinc dust, low VOC
- Excellent anti-sag and anti-settling properties
- May be topcoated with conventional primers or finish coats
- Highly resistant to salt corrosion and water
- Meets or exceeds performance requirements to MIL-P-26915C
- Outstanding weld through primer
- Size: 16 oz. can, 14 oz. net, 12/case

Item #
KRS00740

KRYLON INDUSTRIAL

KRYLON® INDUSTRIAL PAINTS

Inverted Marking Paint

Quik-Mark™

- High solids formation for bold, bright, visible markings
- Fast drying
- Penetrates and adheres to hot surfaces
- Convenient Spray Thru™ cap and non-clogging spray tip
- VOC Compliant, free of lead hazards
- Size: 20 oz. can, 17 oz. net, 12/case

Item #	Color
Water Based Marking Paints	
KRS03500	Clear
KRS03620	Caution Blue
KRS03901	Brilliant White
KRS03911	Brilliant Red
Fluorescent, Water Based	
KRS03612	Pink
KRS03630	Safety Green
KRS03700	Orange
Solvent Based Marking Paint	
KRS03600	Clear
KRS03611	A.P.W.A. Red
KRS03621	A.P.W.A. Blue
KRS03631	Green
KRS03821	High Visibility Yellow
KRS03900	Utility White
Flourescent, Solvent Based	
KRS03613	Safety Red
KRS03614	Neon Green
KRS03622	Hot Pink
KRS03701	Red Orange
KRS03702	Orange

KRYLON®

Line-UP® Striping Machines and Wand

- Engineered and designed for easy operation and durability
- Machines constructed of 18-gauge steel
- Machine have 12 can storage capability
- Stripes widths of 2” to 4”
- K08340 has 7” wheels for a smooth ride on hard surfaces, such as concrete, blacktop and metal
- K08350 has 10” wheels whiche elevate the carriage to provide an even ride over rough or uneven surfaces, such as grass, dirt or gravel
- K08360 has 34” long handle for ease of use, ideal for stenciling or line touch-ups

Item #	Description
KRK08340	Pavement Striping Machine
KRK08350	Athletic Field Striping Machine
KRK08360	Striping Wand

KRYLON® INDUSTRIAL PAINTS

Solvent Based Pavement Striping Paint

Line-Up® Solvent-Based Pavement Striping Spray Paint is a fast-drying product that provides long-lasting durability on outdoor pavement, as well as on indoor surfaces.

- VOC compliant
- Free of lead hazards
- Non-clogging and fast-drying
- 20oz. can (18 oz. net)

Item #	Color
KRK08300	Highway White
KRK08301	Highway Yellow

KRYLON® INDUSTRIAL PAINTS

Water Base Athletic Field Striping Paint

Line-Up®

Line-Up® Water-Based Athletic Field Striping Spray Paint is ideal for striping grass fields or for other short-term striping projects. These water-based products are available in many popular athletic colors and feature non-clogging spray tips.

- VOC compliant
- Free of lead hazards
- Fast-drying
- 20oz. can (18 oz. net)

Item #	Color
KRK08305	Athletic White
KRK08306	Athletic Yellow

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Firestop, Caulk, Paint, & Chemicals

KRYLON INDUSTRIAL

KRYLON®

Wheeler Hand Held Marking Wand

- For marking pavement, concrete, asphalt, gravel, soil or grass
- Constructed of durable, rugged plastic and lightweight steel
- 34" long
- Comfortable pistol grip for easy handling & marking
- Applies a uniform width of paint: 1" to 1-1/2"
- Use with Upside Down Marking Paint

Item #	Description
KRK07096	Wheeler Wand 34”
KRK07095	Hand Held 12”

Sprayon

SPRAYON®

Safety Solvent & Degreaser

- Fast-acting solvent penetrates easily, evaporates quickly, leaves no residue
- Excellent cleaning properties make it ideal for removing grease, dirt, wax and metallic particles prevalent in most industrial plants
- Non-conductive, non-flammable
- Authorized by USDA, K-2 Rated
- Dielectric strength: 37,000 volts
- Includes extension tube & high delivery nozzle
- Size: 20-oz. can, 17 oz. net, 12/case
- Compare to CRC 03095

Item #
KRS20848

SPRAYON®

General Purpose Cleaner

- All-purpose formula that cuts through dirt with ease
- Effective and safe to use on metal, finished wood, porcelain, vinyl, leather, laminated surfaces and glass
- Cleans spots on synthetic carpets
- Authorized by USDA, C-1 Rated
- Size 20 oz. can, 19 oz. net, 12/case

Item #
KRS00880

SPRAYON®

Electrical Cleaner & Lubricating Spray

Sprayon®

- Makes high precision electrical equipment like new
- New non-ozone depleting formula
- Cleans & penetrates surface pores; leaves a fine microscopic corrosion-proof film
- Removes contaminants such as grease, dirt, dust and oxidation residue; eliminates related humming noise
- NSF reg. no 115081; K2 rated
- Dielectric strength 36,700 volts
- Includes extension tube
- Size 16 oz. can, 16 oz. net, 12/case

Item #
KRS02001

SPRAYON®

Cutting Oil

- Extends tool life, reducing tool sharpening and downtime
- Recommended for all metals, including stainless steel and soft metals such as aluminum, brass and copper
- Clings to surface
- Jet-spray allows precision applications
- USDA H-2 rated
- Includes extra actuator with extension tube
- Size: 16 oz. can, 12 oz. net, 12/case

Item #
KRS00208

SPRAYON®

Wasp and Hornet Killer

Blast’Em™

- Kills wasps, hornets, yellow jackets, flies, mosquitoes and flying moths
- Residual deposit will kill returning wasps and hornets
- Contains a high amount of petroleum distillates for the best knockdown and kill rate
- Will not harm most plastics, including Noryl, ABS and Lexan
- 98% knockdown, 100% kill within 24 hours
- Dielectric strength: 33,000 Volts
- Sprays up to 20 feet with flood-type valve
- EPA-Registered

Item #	Size (oz.)
KRS00857	16
KRS20857	20

WHITE LIGHTNING® CAULKS & SEALANTS

Expanding Insulating Foams

Stop Gap!™

- Expand to fill cracks and gaps forming an airtight and waterproof bond
- Cures in 8 hours
- Can be applied at temperatures between 60ºF and 100ºF
- Cured product hardens and can be trimmed, shaped, sanded, painted, or stained
- Size: 16 oz. can, 12 oz. net, 8/case

Minimal Expanding Foam:

- Can be used to seal and insulate around windows and door frames
- Dries tack free in 15 minutes
- Great for use on wood, masonry, metal, glass, and most plastics

Triple Expanding Foam:

- Dries tack free in 30 minutes
- Great for use on openings and gaps at plate line, masonry, corner and T-joints, exterior sheeting, and concrete or wood walls

Item #	Type
KRWL1111100	Minimal Expanding
KRWL3333300	Triple Expanding

TRI-FLOW®

Tri-Flow® Superior Lubricant

- A superior, light viscosity lube that allows for deep penetration into hard to reach moving parts
- The trigger action spray allows you to blast into areas that need lubrication
- High-grade petroleum oils provide optimum lubrication under extreme temperatures (-60 to 475°F) and humidity
- Formulated solvents soften and remove dirt and contaminants, while special additives displace moisture and prevent rust and corrosion
- Formulated with P.T.F.E.

Item #	Size
KRTF20027	.25 oz. Pin Point
KRTF20009	4 oz. Aerosol Can
KRTF29200	18 oz. Trigger Spray Bottle

3M FIRE PROTECTION PRODUCTS

Multipurpose Spray Adhesives

Super 77™

- High tack, high coverage, and fast drying
- Permanently attaches foils, carpeting, lightweight foams, paper, cardboard, felt, and cloth to painted or unpainted metals, wood, and cardboard
- 24 oz. can

Item #
3M77

WHITE LIGHTNING® CAULKS & SEALANTS

Multi purpose Spray Adhesive

Multi-Purpose Industrial aerosol adhesive is great for bonding a variety of lightweight materials. Provides high coverage and has low soak in factor. For long lasting, secure bonds whether your project is simple or complex.

- Recommended Uses: Lightweight foams , paper, cardboard, cartons, fabric, carpets, plastic, metal, wood, fiberglass, foil, felt, unpainted metals, cloth
- Forms bonds and tacks instantly
- Dries quickly
- Controlled mist spray pattern
- VOC & MIR compliant
- Tack Range: 10-30 seconds
- 24 oz.can (16.5 oz. net)

Item #
KRWL070000

WHITE LIGHTNING® CAULKS & SEALANTS

Industrial Spray Adhesive

White Lightining® Heavy Duty Industrial aerosol adhesive can be used to bond laminates, plastic, cardboard, metal, ceramics, particle board, paper and wood.

- Bonds heavy-duty substrates
- High strength
- Heat resistant up to 170° f.
- Controlled lace spray pattern
- VOC & MIR compliant
- Tack Range: 10-30 seconds
- 24oz. (16.5 oz. net)

Item #
KRWL0090000

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Firestop, Caulk, Paint, & Chemicals

SPRAYON®

All purpose Lubricant

LU™ 711 The Protector™

- An ultra-thin, transparent blend of high-quality petroleum distillates
- Specifically formulated to ensure maximum moisture displacement
- Its film resists the collection of abrasive particles on delicate contacts and connectors
- Forms a continuous film that spreads evenly over metal surfaces, giving uniform protection against corrosion attack
- This 'spreadability' also makes it an excellent penetrant for freeing corroded parts and mechanisms
- Will not affect plastic, rubber, fabrics or painted surfaces.
- Size: 16 oz., 11 oz. net, 12 per case
- Compares to WD40

Item #
KRS00711

SPRAYON®

Penetrant

Rust Breaker™

- A fast-acting product that quickly loosens rust while penetrating grease and dirt
- A transparent, non staining oil, its light film displaces moisture and acts as a corrosion preventative
- Jet stream sprays up to two feet for safe, accurate application
- It is a one coat rust and corrosion preventive compound. Pleasant vanilla scent.
- Size: 16 oz., 12 oz. net, 12 per case
- Compares to CRC 03060

Item #
KRS00103

PASLODE

Cordless Tool Cleaner

- Powerful spray removes dirt, moisture and oxides without residue
- Safe for Internal Electronic Components
- Cleans and Dries Quickly
- Non-CFC, Plastic Safe
- Available in 12 oz. cans

Item #
PA219348

CRC INDUSTRIES

Contact Cleaners

QD™

A petroleum distillate and alcohol blended precision cleaner suitable for sensitive electronics and electrical equipment. Evaporates quickly, leaves no residue and is safe to use on all plastics. It contains no Class I or Class II ozone depleting chemicals.

- Effectively removes soil and other contaminants from electrical and electronic components
- Ideal for applications where lower flashpoint solvents can be used
- Size: 16 oz., 11 oz. net
- Units per case: 12

Item #
CRC03130

CRC INDUSTRIES

Super Penetrants

Screwloose®

Quickly penetrates through rust and corrosion to rapidly free corroded bolts, screws, fasteners, pins and bound mechanisms

- Facilitates fast and easy disassembly of mechanical components, fittings, assemblies and other fasteners
- Clear formula contains no dyes and leaves no mess
- NSF H2 registered for use in meat and poultry plants
- Size 16 oz., 11 oz. net
- Units per case: 12

Item #
CRC03060

CRC INDUSTRIES

Heavy-Duty Degreaser

Quickly and effectively removes grease, oil, tar, adhesives, dirt, grime, corrosion, sludge and other stubborn substances to increase operating efficiency of equipment. Offers quick and efficient degreasing action and fast evaporation with no residue. Use caution on plastics.

- No flash or fire point
- Non-corrosive and non-staining
- High dielectric strength of 36,700 volts
- Size: 20 oz., 19 oz. net
- Units per case: 12

Item #
CRC03095

CRC INDUSTRIES

Multi-Purpose Lubricant and Corrosion Inhibitor

3-36®

- Multi-puroose lubricant, penetrant and corrosion inhibitor displaces and seals out moisture with a micro-thin continuous film
- Penetrates through corrosion, loosening frozen parts
- Lubricates surfaces without leaving a sticky residue
- Cleans light soils from surfaces, leaving a corosion-resistant barrier
- USDA authorized for use in federally inspected meat and poultry plants
- Equipped with the 360° Spray Valve for added convenience
- Size: 16 oz., 11 oz. net
- Units per case: 12

Item #
CRC03005

KIMBERLY-CLARK

Reinforced Wipers

Wypall® X60

- Set a higher standard for general purpose wipers
- No adhesives or binders; leaves nothing behind
- Re-inforced for extra scrubbing and cleaning power
- Tough enough for big jobs -- soft enough for face and hands
- White color
- Size: 12.5"x16.8"
- 180 per Brag™ Box

Item #
KC34015

KIMBERLY-CLARK

Waterless Hand Wipes

WYPALL®

- Pre-moistened wipes with a heavy-duty waterless cleanser
- Green in color
- Orange Citrus Fragrance
- Size: 10-1/2" X 12-1/4"
- 75 per bucket

Item #
KC91371

KIMBERLY-CLARK

Pre-Sautrated Wipes

KIMTECH PURE®

- Made of 100% polypropylene
- Contains 70% isopropyl alcohol and deionized water
- Recommended for ISO Class 4 or higher cleanroom environments
- 9" x 11" white multi fold
- 40 per re-sealable pouch

Item #
KC06070

Waterless Hand Cleaner

Gojo® Lemon

Advanced cleaning formula, Lemon Creme cleans with or without water. Safe to use, it does not contain harsh solvents. Formulated with Vitamin E, lanolin and aloe. Won't clog drains. Pumice cleaner, with scrubbing particles, is very effective removing difficult grease and grime such as paint, putty, and resin glue.

- Size: 4.5 lb. plastic cartridge

Item #
GJ0915-06

Hand Cleaner

Gojo® Natural Orange™

- Contains pumice scrubbing particles
- Removes grease, tar and oil
- Natural citrus ingredients, leaves pleasant scent
- Quick-acting lotion formula

Item #	Size
GJ0950-24	4 oz. bottle
GJ0955-04	1 gal. pump

Firestop, Caulk, Paint, & Chemicals

WD-40 CO.

Spray Applicator

- Empty plastic spray applicator

Item #
WD10100

WD-40 CO.

Penetrating Lubricant

- Finds squeaks and lubricates them in hard-to-reach mechanisms
- Silicone-free, no residue
- Protects metal surfaces with corrosion-resistant ingredients to shield against moisture and other corrosive elements
- Loosens rust-to-metal bonds and frees stuck, frozen or rusted metal parts
- Displaces moisture
- New "Smart Straw" is integrated in to the spray valve

Item #	Desc.
WD110108	3 oz.
WD110054	8 oz.
WD110078	11 oz.
WD10110	Gallon

Call Edge for help with:

• LEED Points
• MSDS Sheets
• Safety Yellow Paint
• VOC Contents
• Shelf Life
• Other Paint Products
• Other Cleaners
• Other Degreasers

We can special order many kinds of bulk paints & chemicals!

ALLIED TUBE & CONDUIT

Telescoping Square Tubing

Telespar

- Holes on 1" center in telescoped sections remain in perfect alignment
- Holes are 7/16" diameter
- Hole patterns on 1, 2, or 3 sides may be special ordered to meet your specific needs
- Sections without holes and Qwik-Punch® sections are available
- Typically, available in 10, 12, and 14 gauge steel, standard lengths are 20 and 24 feet
- Edge can cut or quote other lengths to meet your project needs
- Certificates of conformance and material origins will be available if requested
- Ask for drawings and specifications of our products to meet your highway and DOT needs
- One of the secrets of Telespar's versatility is its ability to telescope, smaller sizes fit smoothly and snugly into the next larger size
- Standard finish is pre-galvanized, inquire about Perma-Green or plain finishes

Item #	Tube Size (in.)	Gauge	Length (ft.)	Wt. (lbs.)
UT14F12PG	1½	12	24	42.1
UT16D12PG	1¾	14	24	41.3
UT16F12PG	1¾	12	24	50.6
UT16F12PG-20'	1¾	12	20	42.2
UT20D12PG-10'	2	14	10	19.9
UT20D12PG-12'	2	14	12	23.9
UT20D12PG	2	14	24	48.0
UT20F12PG	2	12	24	59.0
UT20F12PG-8'	2	12	8	19.6
UT20F12PG-10'	2	12	10	24.6
UT20F12PG-12'	2	12	12	29.5
UT20F12PG-14'	2	12	14	34.2
UT20F12PG-20'	2	12	20	49.2
UT21H12PG	2 3/16	10	24	83.3
UT22F12PG	2¼	12	24	67.5
UT22F12PG-30"	2¼	12	2.5	7.0
UT24F12PG	2½	12	24	75.9
UT24F12PG-10'	2½	12	10	31.4
UT24H12PG	2½	10	24	91.8
Qwik Punch				
UT16D12-24-QP	1¾	14	24	45.4
UT20D12-20-QP	2	14	20	43.6
UT20D12-24-QP	2	14	24	42.3

Heavy-Duty Anchor

Telespar

2-1/2" Heavy-Duty Anchors:

- For permanent 2" sq. Telespar installation
- 2-1/2" will also receive SB8-200250B-G Slip Base (same as old part number UT25K12A3)

3" Heavy Duty Anchors:

- For permanent 2-1/2" x 12 ga. sq. Telespar installations
- 3" will also receive SB8-250300B-G Slip Base (same as old part number UT30K12A3)

Item #	Length (in.)	Gauge	Wt. ea. (lbs.)
2½"			
UTHDA200-30-G	30	7	13.85
UTHDA200-36-G	36	7	16.63
UTHDA200-42-G	42	7	19.39
UTHDA200-48-G	48	7	22.17
3"			
UTHDA250-18-G	18	7	10.05
UTHDA250-30-G	30	7	17.22
UTHDA250-36-G	36	7	20.6
UTHDA250-42-G	42	7	24.19
UTHDA250-48-G	48	7	27.48

Heavy-Duty Anchor

Winged

Telespar

2-1/2":

- For permanent 2" Sq. Telespar Installation
- Will also receive SB8-200250B-G Slip Base

3":

- For permanent 2-1/2" x 12 ga. Sq. Telespar Installations
- Will also receive SB8/250300B-G Slip Base

Item #	Anchor Size (in.)	Wt. Ea. (lbs.)
2½"		
UTTWA200-36-G	2½x36	28.71
UTTWA200-42-G	2½x42	31.15
UTTWA200-48-G	2½x48	34.55
3"		
UTTWA250-36-G	3x36	35.00
UTTWA250-42-G	3x42	39.30
UTTWA250-48-G	3x48	43.08

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Telespar & Signposts

Heavy-Duty Anchor

Slip Base Bottom

Telespar

- For concrete installation, FHWA accepted
- Concrete footing recommendation (12" x 30" standard soil)
- FHWA Approved in weak soil with an 18" x 42" concrete footing

Item #	Anchor Size (in.)	Wt. Ea. (lbs.)
8" Slip Base Bottom/Anchor		
UTSB8-CTA30-G	3x30	22.75
UTSB8-CTA36-G	3x36	26.43
UTSB8-CTA42-G	3x42	30.11
UTSB8-CTA48-G	3x48	33.79
9" Slip Base Bottom/Anchor		
UTSB9-CTA30-G	3x30	24.38
UTSB9-CTA36-G	3x36	28.06
UTSB9-CTA42-G	3x42	31.73
UTSB9-CTA48-G	3x48	35.41
10" Slip Base Bottom/Anchor		
UTSB10-CTA30-G	3x30	27.01
UTSB10-CTA36-G	3x36	30.69
UTSB10-CTA42-G	3x42	34.36
UTSB10-CTA48-G	3x48	38.04

Slip Base Top

Telespar

- NCHRP 350 Compliant/FHWA Letter SS-134 (A)

Item #	Desc.	Wt. Ea. (lbs.)
UTSB8C-250A-G	Cast Iron 8" Triangular Top, Receives 2½" Square Post. Includes Post Locking Wedge (LWX35-G)	10.25
UTSB10C-250A-G	Cast Iron 10" Triangular Top, Receives 2½" Square Post. Includes Post Locking Wedge (LWX35-G)	12.5
UTRTSB-MPHDW	Universal Redi-Torque Match Plate Hardware Kit For Triangular Slip Bases	1.50

Slip Base

Top & Bottom

Telespar

Item #	Fits	Desc.	Wt. Ea. (lbs.)
Top Half Post Receivers			
UTSB8-250TA-G	2½" O.D. Sq. Post	8" Triangular Slip Base Top Half for 2½" Square Post	9.50
UTSB9-250TA-G	2½" O.D. Sq. Post	9" Triangular Slip Base Top Half for 2½" Square Post	10.70
UTSB10-250TA-G	2½" O.D. Sq. Post	10" Triangular Slip Base Top Half for 2½" Square Post	12.90
UTSB10-300A-G	3" O.D. Sq. Post	10" Triangular Slip Base Top Half For 3" Square Post	17.55
Bottom Half To Fit Heavy-Duty Anchors			
UTSB8-250300B-G	3"x7ga. Anchor	9" Triangular Slip Base Bottom Half	11.20
UTSB9-250300B-G	3"x7ga. Anchor	8" Triangular Slip Base Bottom Half	12.92
UTSB10-250300B-G	3"x7ga. Anchor	10" Triangular Slip Base Bottom Half	14.10

Slip Base

Kleen Break Model 425 Sign Post Coupler Assemblies

Telespar

- NCHRP 350 Compliant/FHWA Letter SS-131

Item #	Desc.	Wt. Ea. (lbs.)
UTXKBSM42520-G	Surface Mount Kleen Break Assembly	14.43
UTXKB42520-G	Complete Kleen Break Assembly for 1¾" & 2" Square Post	12.2

Telespar Hardware

5/16" Corner Bolt

Telespar

Item #	Length (in.)	Wt/100 pcs. (lbs.)
UTCB516-S-Z	2	4.4
UTCB516-M-Z	2½	5.23
UTCB516-L-Z	3	6.12

Telespar Hardware

Telespar

- Small Box Quantities - 100 or 250 pc. boxes

Item #	Desc.	Weight per 100 Pcs. (lbs.)
UTDRAS3878-06	3/8" Aluminum Shell/ Steel Pin Drive Rivet	2.25
UTDRAS3878-06-W	3/8" Aluminum Shell/ Steel Pin Drive Rivet w/ Washer	2.35
UTXDR3878-05-Z	3/8" All Steel Econo Drive Rivet	4.28
UTNW38	3/8" Nylon Washer	0.06

Connector Bracket

Telespar

*Hardware not included with TL Brackets.

Item #	Desc.	Wt. Ea. (lbs.)	Std. Pkg.
UTTL015-Z	T-Fitting	.50	25 ea./box
UTTL016-Z	L-Fitting	.63	25 ea./box
UTTL017-Z	Anti-Rotation Fitting	.33	25 ea./box
UTTL018-Z	Straight Fitting	.84	25 ea./box
UTTL019-Z	45 Degree Off-set Fitting	.44	25 ea./box
UTTL020-Z	90 Degree Fitting	.26	25 ea./box
UTTL092-Z	3/8" Gravity Lock Pin Through 2"	.26	25 ea./box
UTTL094-Z	3/8" Gravity Lock Pin Through 2½"	.29	25 ea./box

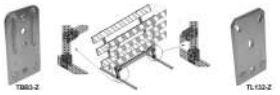
Cast Aluminum Caps & Crosses

Telespar

Item #	Desc.	Wt. Ea. (lbs.)
UTARC175	Pyramid Rain Cap 1¾" Telespar	.18
UTARC200	Pyramid Rain Cap 2" Telespar	.20
UT850FL175C	Flat Blade, 1¾" Telespar Bracket	.77
UT850XL175C	Extruded Blade, 1¾" Telespar Bracket	.85
UT850FL200C	Flat Blade, 2" Telespar Bracket	.68
UT850XL200C	Extruded Blade, 2" Telespar Bracket	.78
UT850FL90X	Flat Blade, 90° Cross Bracket	.59
UT850XL90X	Extruded Blade, 90° Cross Bracket	.66
UT850FL45X	Flat Blade, 45° Cross Bracket	.59
UT850XL45X	Extruded Blade, 45° Cross Bracket	.66
UT808FL238C	Flat Blade, 2⅜" RD. Bracket	.65
UT808XL238C	Extruded Blade, 2⅜" RD. Bracket	.71

Type III Barricade Brackets

Telespar



Item #	Desc.	Wt. Ea. (lbs.)	Std. Pkg.
UTTBB3-Z	Collapsible Barricade Plate, Fits All Telespar	.9	20 ea./box
UTTBB3A-Z	Collapsible Barricade Assembly, Fits All Telespar	2.25	10 sets/box
UTTL132-Z	Shear Pin Barricade Plate, Fits 1¾" & 2" Telespar	1	20 ea./box
UTTL133-Z	Shear Pin Barricade Assembly, Fits 1¾" & 2" Telespar	2.4	10 sets/box

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

Telespar & Signposts

Barricade Repair Hardware

Telespar

NO IMAGE AVAILABLE

Item #	Desc.	Weight per 100 Pcs. (lbs.)
UTHHSB25-300N-Z	¼" x 3" Hex Head Shear Bolt w/ Nut	5.72
UTG8FB38-30N-Z	⅜" x 3" Gr. 8 Flange Bolt w/ Nut	13.27

Gas Powered Drive Hammer

Telespar

- Atlas Copco Cobra Combi gas powered drill/ breaker

Includes:

- Replacement plug and starter rope, 1 liter oil, 1-3/8" drill steel x 16" length, 1-3/4" wide chisel x 13-1/2" length, carrying case & owners spare parts & safety manuals
- Chuck fits standard 7/8" x 4-1/4" hex detach-able shanks

Item #
UTCC-78414

Lock and Release Power Drive Caps

Telespar

- To be used with Lock and Release Power Drive Shanks

Item #	Type	Guide Size (in.)	Fits Anchor Size	Wt. (lbs.)
UTDC150175LR	Square	1½	1¾" x 12 ga.	3.74
UTDC175200LR	Square	1¾	2" x 12 ga.	4.24
UTDC200225LR	Square	2	2¼" x 12 ga.	4.86
UTDC219250LR	Square	2³⁄₁₆	2½" x 10 ga.	6.40
UTDC225250LR	Square	2¼	2½" x 12 ga.	6.57
UTDC250300LR	Square	2½	3" x 7 ga.	8.03

Ask an Edge sales representative about other Telespar products and accessories.

Lock and Release Power Drive Shanks

Telespar

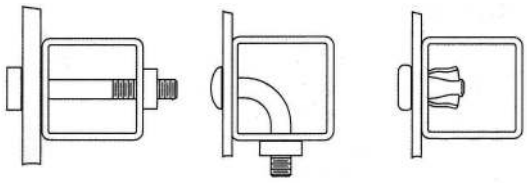
- To be used with Lock and Release Power Drive Caps

Proper shank size determined from two measurements:

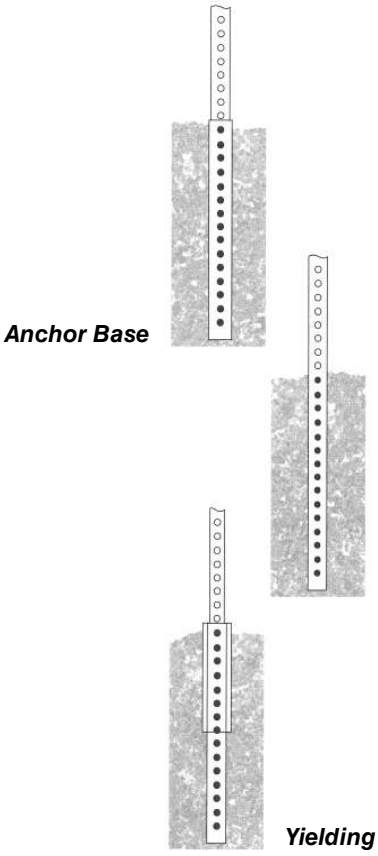
- (A) Hex diameter across two opposite flats
- (B) Hex length from locking collar to top of hex

Item #	Hex Size (A) x (B) (in.)	Wt. (lbs.)
UTDS4875LR	⅞ x 3¼	2.70
UTDS61250LR	1¼ x 6	5.6

The versatility of 3 fastening options



Basic Ground Support Options



Visqueen Sheeting

- Poly America Visqueen, Polyethylene Sheeting

Item #	Size (ft.)	Thickness (mil)	Color
PO212C	12x200	2	Clear
PO406C	6x100	4	Clear
PO408C	8x100	4	Clear
PO410B	10x100	4	Black
PO410C	10x100	4	Clear
PO420B	20x100	4	Black
PO420C	20x100	4	Clear
PO610C	10x100	6	Clear
PO620B	20x100	6	Black
PO620C	20x100	6	Clear
PO620W	20x100	6	White
Flame Retardant			
PO420FR	20x100	4	White
PO620FR	20x100	6	White

RAVEN INDUSTRIES

Reinforced Enclosure Films

Dura-Skrim™

- Constructed with a high strength polyethylene film and heavy-duty scrim reinforcement, laminated together with a layer of molten polyethylene
- Generous amount of reinforcement in our string reinforced poly, string pattern is uniform and offers tear resistance in both machine and transverse directions
- Sheeting that resists puncturing and responds to tears immediately by surrounding and stopping the tear
- 6 mil thickness

Item #	Size (ft.)
RNR5CC20100	20x100
RNR5CC40100	40x100
RNR5CC20100FR	20x100 Fire Retardent

**** Special sizes available upon request ****

RAVEN INDUSTRIES

Underslab Vapor Retarder/Barrier

VaporBlock™

- VaporBlock™ is a high performance underslab vapor retarder designed to retard moisture migration through concrete slabs-on-grade
- This products is made from state-of-the-art polyethylene resins that provide superior physical and performance properties that far exceed ASTM E-1745 (Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs) Class A, B, and C requirements
- High tensile strength, unequaled puncture resistance, low moisture vapor permeability as well as resistance to decay
- Impedes the transmission of water vapor from traveling upward through a concrete slab-on-grade or through a concrete wall when properly installed, it is extremely important to avoid puncturing a vapor retarder during installation to assure proper performance
- Protect your flooring and other moisture sensitive furnishings in your building's interior from moisture migration
- Can also greatly reduce condensation, mold and degradation by controlling water vapor migration
- Blue is the standard color option for VaporBlock™
- All rolls are folded and rolled on heavy-duty cores for ease in handling and installation
- Installation instructions and ASTM E-1745 classifications accompany each roll

Item #	Thickness (mil)	Size (ft.)	Classification	Tensile Strength (New Material) (lbs/in)	Tensile Strength (After Exposure) (lbs/in)	Puncture Resistance (g)	Max Use Temp (°F)	Min Use Temp (°F)	Permeance
RNVB10	10	15x200	Class A, B, & C	52	53	2,600	180	-70	.0146
RNVB15	15	12x200	Class A, B, & C	88	82	4,000	180	-70	.009

Call Edge to provide specifications on Vapor Barrier to meet your entire project needs.

General Construction & Maintenance Supplies

RAVEN INDUSTRIES

Underslab Vapor Retarder Seam Tape

VaporBlock™

- White single-sided tape combines a heavy-duty, weather-resistant polyethylene backing with an aggressive rubber adhesive
- Typical applications include vapor retarders, covers and liners

Item #	Size (ft.)
RNVAPOR BOND	4 x 210 roll

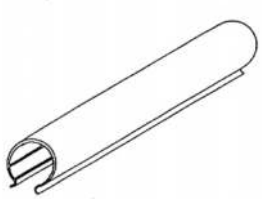
Poly Tarps

- Woven polyethylene with coating on both sides
- All edges roped and fully hemmed
- Rust-free grommets every three feet
- 8x8 scrim, 70 gram per square meter

Item #	Size (ft.)
TWT0608	6X8
TWT0810	8X10
TWT1012	10X12
TWT1216	12X16
TWT1220	12X20
TWT1620	16X20
TWT2030	20X30
TWT2040	20X40

THE WIND CLIP COMPANY

Scaffold Wind Clip



- Used to securely fasten plastic to scaffolding

Item #
WC

SURFACE SHIELDS

Carpet Shield®

- Clear, self-adhering protective film for all types of carpeting
- Uniquely formulated adhesive system adheres to all carpet substrates
- Special blend of polyethylene is highly resistant to tears or punctures
- Reverse wound for easy application
- Great protection during remodeling, painting, moving, model home tours and parties

Item #	Desc.
SFCS24200W	24”x 200’ Reverse Wound
SFCS36200W	36”x 200’ Reverse Wound
SFCS36500	36”x 500’ Reverse Wound
Accessories	
SFA2436	Applicator for 24” & 36” rolls

SURFACE SHIELDS

Floor Shield™

- Self-adhering protective film for hard surfaces, tile, vinyl, VCT, laminates, marble, granite, and factory-finished hardwood
- Ideal for use during construction, remodeling, plumbing and electrical work and painting
- Reduces damage claims and clean up time, resists ripping and tearing
- Does not shift like paper and it applies and removes easily

Item #	Desc.
SFFS24200	24”x 200’ Reverse Wound

SURFACE SHIELDS

Kraft Paper

- Preferred alternative to “Red Resin” paper
- Construction grade - 100% recyclable
- Protects floors, cabinets and counter tops from traffic, paints and spills
- Natural color

Item #	Desc.
SFKP35166	36”x 166’ Roll

SURFACE SHIELDS

Water Shield

- Non-staining, water resistant
- Made from a lamination of two strong kraft papers with nylon scrim reinforcement
- Does not tear under normal traffic wear and protects flooring surfaces like hardwood, laminate and tile
- Natural color

Item #	Desc.
SFWS36300	36”x 300’ Roll
SFWS60300	60”x 300’ Roll

SURFACE SHIELDS

Pro Shield

- All purpose hard surface protection
- Absorbs many times its own weight in liquids
- Leak-proof backing
- Slip-resistant, lightweight and flexible
- Keep job site floors and carpets safe from damage and debris

Item #	Desc.
SFPS3250	32”x 50’ Roll

SURFACE SHIELDS

Zip n Close® Zipper

- Creates instant access to tarps or plastics
- Pressure sensitive adhesive backing
- Used to control dust and heat loss
- Can be operated from either side
- Use 1 for a flap and 2 for wider opening
- Color: Red

Item #	Desc.
SFZA02	1.5”x 7’ (2 per pack)

SURFACE SHIELDS

Slip-on Shoe Covers

- Protect floors from dirt, scuffs, and heel marks
- Easy to use shoe covers are perfect for general construction work, open houses, as well as during inspections
- Lightweight and disposable; one size fits all

Item #	Desc.
SFSC300	Blue Slip-on
SFSC300WR	Skid-resistant, White

SURFACE SHIELDS

Clean Mat

- Polyethylene film mat with a tacky surface that removes dust and dirt from footwear
- Each mat contains 30 sheets which are tabbed for easy removal of each layer
- Clean mat stays firmly in place and is easy to use and dispose of
- Does not adhere to carpeted surfaces

Item #	Size (in.)	Color
SFCM2436	24 x 36	White
SFCM2436BLUE	24 x 36	Blue
SFCM3636	36 x 36	White
SFCM3636BLUE	36 x 36	Blue

SURFACE SHIELDS

Dirt Grabber Clean Mat

- Polyethylene film mat with a tacky surface that removes dust and dirt from footwear
- Each mat contains 30 sheets which are tabbed for easy removal of each layer
- Sturdy re-usable surface; non-skid backing help secure to floors
- Does not adhere to carpeted surfaces

Item #	Desc.
SFDG30W	25.5”x 31.5” White On Black Frame

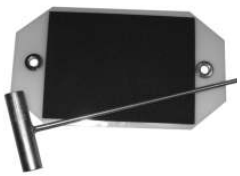
Refill

SFDGRC	30 Layer

SURFACE SHIELDS

Moving Protection Sleds

Surface Sleds



- Easily moves heavy objects across carpeting
- Non-slip foam rubber top to pad heavy objects
- Extra smooth flexible bottom; sturdy, unbreakable construction

Item #	Desc.
SFAP1	1’ Sled (Pack Contains 4 Sleds)
SFAP4	4’ Sled (Pack Contains 2 Sleds)
SFAP6	6’ Sled (Pack Contains 2 Sleds)

Accessories

SFAPH	Handles (Pack Contains 4 Handles)

SURFACE SHIELDS

Plan Shield

- Clear, water resistant protection for architectural and important documents
- Made of an 8 mil thick durable vinyl
- Use for storage or protection on the job site, resealable

Item #	Size (in.)
SFPC3042	30 x 42
SFPC3648	36 x 48

General Construction & Maintenance Supplies

SURFACE SHIELDS

Blue Multi Purpose Tape

- Holds sheet vinyl, carpet pads, hardwood or laminate in place
- Has outstanding durability; can be used indoors or outdoors
- Offers 14 day UV protection; removes cleanly up to 14 days after application

Item #	Desc.
SFBT2180	2" x 180' Roll

SURFACE SHIELDS

Duct Cover Shield

- Self-adhering protective film has a high adhesion suitable for all types of duct work
- The water-based adhesive will not leave a residue on the metal after removal
- Special blend of polyethylene is highly resistant to tears or punctures
- Satisfy SMACNA guidelines during construction by providing temporary closures on open ductwork

Item #	Size (in. x ft.)	Color
SFDC24200	24 x 200	Clear
SFDC36200	36 x 200	Clear
SFDC48200	48 x 200	Clear

SURFACE SHIELDS

Builder Board

- 100% recyclable - at least 33% post consumer
- Heavy-duty, reusable temporary floor protection
- Less expensive and 1/3 the weight of 1/8" masonite
- Tough enough to be driven on - approx. 48 mil. thick

Item #	Desc.
SFBLD38100	38"x 100' Roll

Economically protect your floors so they don't need to be re-finished!

ZIPWALL, LLC

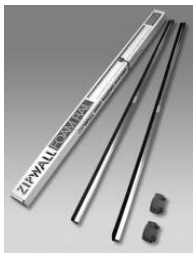
ZipWall® Carrying Bag

- Made of tough polyester
- Keeps all your barrier products organized and easy to transport
- Holds the 20 foot pole and the red jack unattached

Item #
ZWCARRYBAG

ZIPWALL, LLC

ZipWall® Foam Rail Kit



- An SLP™ or Kit 20 pole is required for each Foam Rail™ cross bar (poles are not included in the FR2)
- The T-Clip is used to mount the poles anywhere along the Rail (each FR2 comes with 2 T-Clips)
- The cross bars push the plastic or barrier material against the ceiling but do not hold the material securely in place, you must set up your barrier using the ZipWall® poles placed 8 to 10 feet apart which makes an incredibly secure & tightly sealed barrier

Item #	Desc.
ZWFR2	(2) 5' Foam Rail cross bars & (2) T-clips

ZIPWALL, LLC

ZipWall® Pole Kit

- The Kit 20 poles extend from 6' 9" to 20 feet and can be used in areas with a ceiling height up to 21 feet
- The spring loaded plunger called the jack screws onto the end of the pole and adds a foot of reach
- The poles can be placed 8 to 10 feet apart
- If there is any significant air movement that pushes the plastic you will need to pull them in closer together, anywhere from 4 to 8 feet
- If the poles are placed closely together you may need two or more people to attach them to the plastic and raise them into place
- The GripDisk™ slide stoppers should always be used especially on hard surfaces; two GripDisk™ slide stoppers come in every Kit 20 package

Item #	Desc.
ZWKIT-20	(2) 20' extension poles, (2) spring-loaded jacks, (2) grip disks & (2) tethers

ZIPWALL, LLC

2-Pk Barrier System

- The SLP™ poles extend from 4' 9" to 12'
- The poles can be placed 8 to 10 feet apart; if there is any significant air movement that pushes the plastic you will want to pull them in closer together
- The GripDisk™ slide stoppers should always be used, especially on hard surfaces

Item #	Desc.
ZWSLP2	(2) spring loaded poles, (2) grip disks & (2) tethers

ZIPWALL

ZIPWALL, LLC

4-Pk Barrier System

- The four SLP™ poles extend from 4' 9" to 12'
- To use the Foam Rails you will need to remove the head of the SLP™ pole by pulling the head straight off, then snap the Foam Rail onto the pole; each foam rail is five feet long
- The GripDisk™ should always be used, especially on hard surfaces

Item #	Desc.
ZW4PL	(4) SLPs, (2) Foam Rail cross bars, (4) Grip Disks, (2) ZipWall standard zippers, (1) Carry bag

ZIPWALL, LLC

ZipWall® Zipper

- Makes an easy doorway through plastic barriers
- Has the smoothest glide available
- Engineered with large sturdy easy-slide teeth
- Made with 2-sided pulls for easy entry/ exit to or from the barrier
- Works best in temperatures above 55 degrees Fahrenheit
- The ZipWall® Zipper Knife™ sheeting cutter does not work with this zipper

Item #	Desc.
ZWZIPPER	(2) 7' self-adhesive zippers & (2) tie strings to support opening

ElectroTape Since 1969

ELECTROTAPE

Utility Grade Duct Tape

Gray

Utility Grade duct tapes offer good adhesion in short-term, low-demand applications on relatively clean surfaces with light weather exposure.

- Adhesion: 50 oz/in
- Tensile Strength: 22 lb/in

Item #	Size (in. x yd.)
ET20602-1024	2x60

ELECTROTAPE

Contractor Grade Duct Tape

Colored

Contractor Grade tapes have a higher cloth thread count for greater strength, a thicker PE backing for increased durability and more adhesive for better holding power-particularly in typical construction environments.

- Adhesion: 45 oz/in
- Tensile Strength: 24 lb/in

Item #	Size (in. x yd.)	Color
ET203202	2x60	Red
ET203203	2x60	White
ET203208	2x60	Green
ET203209	2x60	Black

ELECTROTAPE

General Purpose Vinyl Electrical Tape

Black

- Economical all-purpose black electrical tape.
- Provides moisture-tight electrical and mechanical protection
- Weather resistant. Resists UV rays, acids, alkalis, abrasion, moisture, and corrosion
- Temperature range: 0°C to 80°C

Item #	Size (in. x ft.)
ET12060	¾x60

ELECTROTAPE

Premium Grade Vinyl Electrical Tape

Black

- Cold and heat resistant – suitable for all climates. Resists: UV rays, acids, alkalis, abrasion, moisture, and corrosion
- Tape maintains tensile strength, adhesion and integrity over Broad Temperature range: -18°C to 105°C
- Best all-around vinyl for primary electrical insulation for wire and cable splices rated up to 600 volts
- Meets ASTM D-3005 and HHI-595 specifications.

Item #	Size (in. x ft.)
ET107507-0100	¾x66

General Construction & Maintenance Supplies

SURFACE SHIELDS

Electrical Marking Tape

- All weather
- Extremely flexible with good adhesion
- 7 mil
- UL listed

Item #	Size (in. x ft.)	Color
SFGRN066	¾x66	Green
SFGRY066	¾x66	Gray
SFORA66	¾x66	Orange
SFRED066	¾x66	Red
SFWHI066	¾x66	White
SFYEL066	¾x66	Yellow

ELECTROTAPE

Clean Removal Painters Grade Masking Tape

Blue

- UV resistant product with a specially formulated adhesive system permits clean removal from a wide variety of surfaces up to 14 days
- Highly versatile product suitable for use on glass, most wallpaper, metal, painted or unpainted wood, and stained or painted wallboard
- Not recommended for lacquer applications
- Tape Thickness: 5.5 mil; Adhesion: 22 oz/in
- Tensile Strength: 22 lb/in; Elongation: 6%

Item #	Size (in. x yd.)
ET25542	¾x60
ET25544	1x60
ET25546	1½x60
ET25548	2x60
ET25549	3x60

ELECTROTAPE

General Purpose Grade Masking Tape

- General purpose tape offering both economy and versatility
- Rated service temperature 32°F to 160°F (Not suitable for solvent based paints or oven bake cycles)
- Tape Thickness: 5.0 mil; Adhesion: 28 oz/in
- Tensile Strength: 19 lb/in; Elongation: 6%

Item #	Part #
ET25004	25004
ET25006	25006
ET25008	25008

ELECTROTAPE

Stucco / Trim Protection Tape

Red

Stuck-O-Tape™

Stuck-O-Tape™ is the brand of choice for stucco professionals. It is a conformable low density polyethylene film, coated with an aggressive rubber-resin adhesive offering excellent aging characteristics – weather and UV resistant. Ideal for indoor or outdoor use as a surface protection and masking tape. Removes easily from surfaces as varied as masonry, wood, vinyl, painted metal and glass even after prolonged periods up to 30 days. Primarily used to mask window and door frames during stucco application to protect from overspray.

- All products are hand tearable. Black and white products are standard with serrated edges.
- Tape Thickness: 7.5 mil; Adhesion: 35 oz/in; Tensile Strength: 12 lb/in; Elongation: 450%

Item #	Size (in. x yd.)
ET145202	2x60

ELECTROTAPE

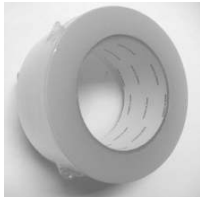
Standard Grade Friction Tape

- Cotton cloth impregnated with scientifically compounded pure rubber based adhesive for maximum elasticity and moisture resistance
- Standard color: black
- Tape Thickness: 15.0 mil; Tensile Strength: 40 lb/in

Item #
ET45008P-0030

ELECTROTAPE

Polyethylene Tape-Rubber Adhesive



- Serrated edges for easy, hand tearability
- Moisture & chemical resistant; NOT UV resistant
- Suitable for general purpose permanent patching, splicing, masking, and seaming
- Standard color: clear
- Tape Thickness: 7.0 mil; Adhesion: 60 oz/in
- Tensile Strength: 18 lb/in; Elongation: 80%

Item #
ET145236

ELECTROTAPE

Utility Grade Foil Tape

2 mil

- Seal duct work for heating, air conditioning and refrigeration systems
- Moderate temperature range. Max Temperature: 200°F
- Tape Thickness: 5.0 mil; Adhesion: 130 oz/in
- Tensile Strength: 15 lb/in

Item #	Size (in. x yd.)
ETS51323	3x50

ELECTROTAPE

Economy Filament Tape

100 lb

- Reinforced filament construction
- Constructed using conformable polypropylene backing, fiberglass filaments, and aggressive synthetic rubber adhesive

Item #	Size (in. x yd.)
ET300110	1x60

ELECTROTAPE

Contractor Grade PTFE Teflon Tape

- Tape Thickness: 4mil Standard Density: 0.28 gm/cm3 – 100% virgin PTFE
- Suitable for standard, non-challenging thread seal requirements
- Temperature range - 375°F to 500°F

Item #	Size (in. x in.)
ET55008PQ	½x520

SURFACE SHIELDS

Economy Grade Carton Sealing Tape

- Designed for lightweight cartons exposed to minimal stress in shipping and handling
- 1.6 mil thick

Item #	Size (in. x yd.)
SFCST4810	2x110

MASTER LOCK CO.

Laminated Steel Padlocks (No. 1)

- 1-3/4" wide heavy-duty laminated steel body for superior strength
- Hardened steel shackles for extra cut resistance
- 4-pin tumble cylinders provide pick resistance and dual locking levers provide extra pry resistance
- 3/4" horizontal shackle clearance; shackle is 5/16" diameter

Item #	Shackle Clear (in.)	Keyed
MAS1	15⁄16	Differently
MAS1KA	15⁄16	Alike
MAS1KALJ	2½	Alike

MASTER LOCK CO.

Laminated Steel Padlocks (No. 3)

- 1-9/16” wide laminated body for superior strength
- Hardened steel shackles for extra cut resistance; heavy-duty laminated steel case
- 4-pin tumbler cylinders provide pick resistance
- 5/8" horizontal shackle clearance; Shackle is 9/32" diameter

Item #	Shackle Clear (in.)	Keyed
MAS3	¾	Differently
MAS3KA	¾	Alike

MASTER LOCK CO.

Laminated Steel Padlocks (No. 5)

- 2" wide laminated steel body for superior strength
- Hardened boron alloy shackle for extra cut resistance
- 4-pin tumbler cylinders provide pick resistance
- 15/16" horizontal shackle clearance; Shackle is 3/8" diameter

Item #	Shackle Clear (in.)	Keyed
MAS5	1	Differently
MAS5KA	1	Alike

MASTER LOCK CO.

Universal Pin Padlocks

- Provide keying convenience; laminated steel bodies for superior strength
- Hardened steel (Nos. 1 and 3) and hardened boron alloy (No. 5) shackles
- 4-pin tumbler cylinders helps prevent picking

Item #	Shackle Clear (in.)
MAS1UP	15⁄16
MAS1UPLJ	2½
MAS3UP	¾
MAS3UPLF	1½
MAS5UP	1
MAS5UPLF	1½

General Construction & Maintenance Supplies

MASTER LOCK CO.

Combination Padlocks

No. 175

- 2" wide solid brass case for strength and weatherability
- Cut-resistat, hardened steel shackles
- Set-your-own 4-digit combination
- 1" horizontal shackle clearance; shackle has 5/16" diameter

Item #	Shackle Clear (in.)
MAS175	1
MAS175LH	2¼

MASTER LOCK CO.

Adjustable Locking Cable

Python™

- Lock holds the cable tight at any position from 1' to 6'
- Interchangeable cables for application flexibility
- Cut Resistance - 3/8" 100% steel braided cable
- Weather tough and rust resistant aluminum lock body
- Scratch Resistant - Vinyl cable sleeve and lock body bumper

Item #	Type (ft.)
MAS8401D	KD Lock Only
MAS8405D	4’ Cable Only
MAS8406D	6’ Cable Only
MAS8412D	12’ Cable Only
MAS8430D	30’ Cable Only

MASTER LOCK CO.

Safety Lockout Hasp

- Tamper-resistant scissor-style steel lockout hasp
- Allows for lockout by up to 6 workers
- 1-3/4”x4-1/2”, 1” inside jaw diameter

Item #
MAS420

MASTER LOCK CO.

Safety Lockout Padlocks

- Designed exclusively for lockout/tagout
- Durable, lightweight, non-conductive Xenoy® lock body
- Customize on-site with permanent, write-on labels
- Key retaining - ensures that padlocks are not left unlocked
- 1/4” dia. shackle, 1-1/2” high clearance
- Keyed different

Item #	Color
MAS410RED	Red
MAS410BLU	Blue
MAS410GRN	Green
MAS410YLW	Yellow

MASTER LOCK CO.

Lockout Tags

"DO NOT OPERATE"

- Durable polyester laminate resists water, grease and extreme temperature
- Heavy-duty construction meets OSHA requirement and prevents accidental removal
- Customize with name, department, expected completion
- 7/16" dia. brass grommet accepts all safety padlocks
- Dimensions: 5-3/4" x 3-1/8"

Item #	Desc.
MAS497AX	Spanish/English 1 bag of 12 tags w/ties

MASTER LOCK CO.

Personal Lockout Kit

Modular Lockout/Tagout Organizer

- Safety lockout carrying case keeps important devices and padlocks together
- Kit includes high-use components, satisfying most applications
- Personal kits are for the individual worker; padlocks supplied are keyed alike for added worker convenience
- Includes permanent write-on labels (English, French, Spanish) that allow instant on-site customization for each worker
- High visibility red locks; Key-retaining - ensures that padlocks are not left unlocked
- Electrical & valve lockout focus

Contains:

- 3 ea. - 410KARED padlocks; 1 ea. - 7C5RED circuit breaker padlock; 1 ea. - 420 hasp; 1 ea. - 427 Snap-On hasp; 1 ea. - 8611 adjustable cable lockout; 1 ea. - 480, 1 - 481, & 1 - 482 gate valve covers; 1 ea. - 476, 1 - 477 ball valve covers; 1 pc. - 492, 2 pcs. - 493, 1 pc. - 494, 1 pc. - 495 circuit breaker lockouts; 1 pc. - 496 wall switch lockout; 1 ea. - 497A tags (12/pack)

Item #
MAS1457VE3KA

IRWIN INDUSTRIAL TOOLS

Carpenter Pencil Sharpener

- Uses 50% less pencil per sharpening cycle

Item #
IR233250

IRWIN INDUSTRIAL TOOLS

Carpenter Pencil

- 7" overall length

Item #
IR66300

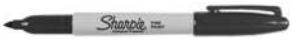
IRWIN Industrial Tools

IRWIN INDUSTRIAL TOOLS

Markers

Permanent

Sharpie®



- Black permanent marker marks on wood, glass, plastic, metal, etc.

Item #
IR35010-SH

IRWIN INDUSTRIAL TOOLS

Markers

Permanent

Sharpie®

- A fine-tip marker designed to make a permanent impression on even the most hard-to-mark light and dark surfaces
- Features opaque metallic permanent ink in silver

Item #
IR39108-SH

IRWIN INDUSTRIAL TOOLS

Markers

Permanent

Sharpie®

- Blue fine-point permanent marker

Item #
IR30103-SH

IRWIN INDUSTRIAL TOOLS

Industrial Markers

King Size Sharpie®

- Industrial strength for tough marking jobs; Marks on wet and oily surfaces
- Durable aluminum barrel and felt tip stand up to heavy use; special water resistant ink formula dries quickly
- Excellent for marking corrugate, wood, metal, foil, stone, plastic and leather and more

Item #	Color
IR15001-SH	Black
IR15002-SH	Red

Call Edge for more options to mark & label.
Inquire about marking lumber, metal, & other materials.

IRWIN INDUSTRIAL TOOLS

Rhino™ 5000 Pro Labeling Tool

Hard Case Kit

Dymo® Rhino

- Meets ANSI/TIA/EIA-606-A labeling standards
- "Hot keys" provide automatic label formatting for wires and cables, terminal blocks, patch panels, vertical and fixed length labeling
- Advanced wrap function automatically selects the right label size and the largest text size, based on cable size or wire gauge
- Quick-Access Symbols key for common datacomm and electrical symbols, including: ohm, ground, phone, data and fax
- Deluxe hard carry case, (1) 3/4" white flexible nylon label cartridge, (1) 3/4" white permanent polyester label cartridge, AC power adapter, (6) "AA" batteries

Item #	Desc.
DY15603	Rhino 5000 Hard Case Kit

IRWIN INDUSTRIAL TOOLS

Rhino™ 5000 Labels

Dymo® Rhino

- Labels for Professional Rhino™ 5000 Printer
- Shrink Tubes - 3:1 heat-shrink ratio, designed for any application requiring normal heat shrink tubing
- Vinyl - Ideal for outdoor and color-coding applications, all surfaces
- Poly - Flat surfaces. Equipment, bins, patch panels, etc.
- Nylon - Curved or flat surfaces. Wires, patch panels, machinery, equipment, bins, etc.

Item #	Size (in.)	Length (ft.)	Color
Heat Shrink Tubes			
DY18051	¼	5	White
DY18053	⅜	5	White
DY18055	½	5	White
DY18057	¾	5	White
Vinyl			
DY18434	⅜	18	Orange
DY18439	¾	18	Red
DY18445	¾	18	White
Permanent Polyester			
DY18483	½	18	White
DY18484	¾	18	White
DY622289	½	18	Clear
DY622290	¾	18	Clear
DY18485	⅜	18	Metal
DY18486	½	18	Metal
DY18487	¾	18	Metal
Nylon			
DY18488	½	11.5	White
DY18489	¾	11.5	White

General Construction & Maintenance Supplies

ELMDOR

Dry Wall Access Doors

DW Series

- Doors are ideally suited for new installations or for remodeling in masonry, tile, wood, or other wall surfaces; door features rounded safety corners
- 16 gage, galvannealed steel with a prime coat finish
- Frame is one piece construction, 1" wide and provides perfect concealment of the rough wall opening; wall frame is provided with 1/4" mounting holes for fastening within the furred spaces
- Concealed pivoting rod hinge; doors 24" or larger are provided with a continuous piano hinge
- Latch is screwdriver operated; finish is a prime coat suitable for painting
- Optional Latches: CL- Cylinder Lock, AKL- Allen Key Latch, TH- T Handle; Optional Finish: SS- Stainless Steel

* Ask about locks, other stock & custom sizes as well as drywall bezel-style access doors - DWB Series

Item #	Size
EMDW6X6	6 X 6
EMDW8X8	8 X 8
EMDW10X10	10 X 10
EMDW12X12	12 X 12
EMDW14X14	14 X 14
EMDW16X16	16 X 16
EMDW18X18	18 X 18
EMDW24X24	24 X 24
EMDW30X30	30 X 30
EMDW36X36	36 X 36
EMDW48X48	48 X 48

ELMDOR

Fire Rated Access Doors

FR Series

- Doors are Fire Rated by Underwriters Laboratories Inc., for 1-1/2 hours, "B" Label, and meet ANSI-UL 10B standard; door has a heavy-duty spring closer to assure positive latching when panel closes - this door is for wall installation only; finish is a prime coat suitable for painting
- 16 gage, galvannealed steel with a prime coat finish, door has a heavy-duty spring to assure positive latching
- Frame is equipped with both masonry anchors and bolt holes to facilitate installation in all types of wall construction; concealed hinge operates completely out of sight
- Exterior latch is recessed and is operated using a ring attached to the sliding bolt; interior latch release slide is included enabling door to be opened from the inside
- Opt. Latch: CL- Cylinder Lock; Opt. Finish: SS- Stainless Steel

* Ask about other stock & custom sizes

Item #	Size
EMFR8X8	8 X 8
EMFR12X12	12 X 12
EMFR18X18	18 X 18
EMFR24X24	24 X 24
EMFR36X36	36 X 36

ELMDOR

Fire Rated Access Doors

FRC Series

- Meets ANSI-UL 10B standards
- Doors are rated by Underwriters Laboratories for 1-1/2 hours, "B" label in walls, and by Warnock Hersey for 3 hours in ceilings and 2 hours in walls; door should be utilized when providing access in fire rated walls and ceilings; doors have heavy-duty spring closures to ensure positive latching when panel closes
- Door is fabricated from 20 gage, galvannealed steel with a prime coat finish; door panel is provided with 2" of insulation in a sandwich type construction
- Frame is fabricated from 16 gage, galvannealed steel with a prime coat finish and provided with masonry anchors and bolt holes
- Hinge is fully concealed and mounted on the long side of the rectangular door panel
- Exterior latch is a dual purpose lock that features a knurled knob and key operation; both are provided at time of shipping
- Interior latch release slide is included enabling door to be opened from the inside
- Option: MLP- Mortice Lock Prep

* Ask about other stock & custom sizes

Item #	Size
EMFRC8X8	8 X 8
EMFRC12X12	12 X 12
EMFRC18X18	18 X 18
EMFRC24X24	24 X 24

ELMDOR

Roof Access Hatch

- Elmdor roof access hatches are designed and engineered for durability and safety, with ease of installation
- The roof access hatch installs easily over the roof opening and is secured from the base flange to the roof
- Curb construction shall be 14 gage (G90) galvanized steel with durable recoatable gray primer finish; it shall be 12" in height with a 3-1/2" wide mounting flange with mounting holes for roof attachment
- Cover is 14 gage (G90) galvanized steel with radius corners for safety and shall be fully welded at the corners for watertight construction; latching includes interior handle, exterior handle and provisions for a padlock, both inside and out
- Hardware shall include an automatic, hold-open arm with vinyl grip and compression springs encased in telescopic tubes for smooth door operation
- Highly visible safety caution striping; durable recoatable gray primer finish (standard)
- Available in many sizes; special sizes available upon request

Item #	Size	Frame ID	Frame OD	Roof Opening
EMRAH24X24	24 x 24	31 x 31	24 x 24	115 / 52.1
EMRAH30X36	30 x 36	37 x 43	30 x 36	155 / 70.3
EMRAH36X36	36 x 36	43 x 43	36 x 36	200 / 90.7
EMRAH48X48	48 x 48	55 x 55	48 x 48	430 / 195

Cendrex

CENDREX

General Purpose Access Doors

Designed for a quick and easy installation on non-rated vertical and horizontal surfaces made of drywall or any other type of material. Rounded mitered corners, concealed pin hinge and 3/8" return all around the door make it the sturdiest door on the market. Prevents sagging as compared to flat door panels and requires fewer locks

- Material: 16 gauge cold rolled steel
- Hinge: Hidden pin hinge; continuous piano type on doors over 24" in height or width
- Lock / latch: Screwdriver operated cam latch
- Finish: DuPont high quality grey powder coat
- Available with drywall or plaster flange

Item #	Dimensions (in.)	Wall Opening (in.)
CXAHD8X8	8x8	8¼x8¼
CXAHD10X10	10x10	10¼x10¼
CXAHD12X12	12x12	12¼x12¼
CXAHD14X14	14x14	14¼x14¼
CXAHD16X16	16x16	16¼x16¼
CXAHD18X18	18x18	18¼x18¼
CXAHD24X24	24x24	24¼x24¼

CENDREX

Roof Hatch

Made of galvanneal steel, designed to offer convenient access to building roof tops. Equipped with gas cylinders providing an effortless opening of the door panel. Heavy duty design and insulation ensure long life and low maintenance.

- Cover: 14 gauge galvanized steel with 1" fiberglass insulation
- Curb: 14 gauge galvanized steel with 1" fiber board insulation
- Seal: "D" - foam adhesive gasket provides a flush and tight fit
- Finish: High quality grey powder coat

Item #	Dimensions (in.)
CXTRH30X36	30x36
CXTRH36X36	36x36

Gilmour GARDENING INNOVATION

GILMOUR

Hose Washers

- Rubber washers
- 10 per package

Item #
PK01RW

GILMOUR

Industrial Hose

Flexogen®

- Lightweight and soft, yet durable
- 6-ply, over 500 PSI burst strength
- O-ring for leakproof performance
- Flow-Guard Plus™ collar, prevents kinks near faucet

Item #	Size
PK10-58050	⅝"x50'
PK10-58100	⅝"x100'

GILMOUR

Pistol Grip Nozzle

- Insulated molded grip for spraying hot or cold water
- All brass valve stem with permanent adjusting nut
- Male hose threaded for attaching accessories

Item #
PK572TFR

GILMOUR

Twist Nozzle

- Solid brass body; all brass valve stem
- 3-turns-close to open

Item #
PK528

GILMOUR

Solid Stream Nozzle

- Solid brass body; streamlined design
- Ideal for cleaning driveways and walks

Item #
PK06BJ

COILHOSE PNEUMATICS

COILHOSE

Reinforced Polyurethane Straight Hose

Flexeel®

- Flexeel® retains its flexibility even in cold environments
- Extremely lightweight and tough; reusable strain relief fitting

Item #	I.D. (in.)	Length (ft.)	Fitting (in.)	Colors
PCOPFE40504 Color	¼	50	¼ MPT	Transparent Blue (T), Transparent Red (TR), Transparent Yellow (TY)
PCOPFE41004 Color	¼	100	¼ MPT	Transparent Blue (T), Transparent Red (TR), Transparent Yellow (TY)

General Construction & Maintenance Supplies

COILHOSE PNEUMATICS

COILHOSE

Inner-Braided PVC Air Hose

- Special blend PVC has no memory: Hose lays down flat on the ground
- 180° bend radius: Hose won't kink and cut off air supply
- Steel spring strain relief: Protects hose at its weakest point (at the fitting) w/o inhibiting maneuverability
- UV stabilized; chemical and abrasion resistant; reusable fittings: Makes field repair quick and easy
- Temperature range: -40° F to 150° F
- Working Pressure: 325 PSI @ 70° F

Item #	I.D. (in.)	Length (ft.)	Fitting (in.)
PCOGF60245Q	⅜	25	¼ MPT
PCOGF60504Q	⅜	50	¼ MPT
PCOGF61004Q	⅜	100	¼ MPT

GilaFlex Rigid Reusable Fitting w/ Strain Relief

PCOGFRM0604SR

COILHOSE

Reusable Hose Splicer

Item #	I.D. (in.)	O.D. (in.)
PCOPHS0406	¼	⅜
PCOPHS0609	⅜	9⁄16

COILHOSE

1/4" Body Size Couplers

Industrial Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO150	¼
Male	
PCO152	¼

COILHOSE

1/4" Body Size Connectors

Industrial Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO1502	¼
Male	
PCO1501	¼

COILHOSE

3/8" Body Size Couplers

Industrial Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO580	⅜
Male	
PCO581	⅜

COILHOSE

3/8" Body Size Connectors

Industrial Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO5802	⅜
Male	
PCO5801	⅜

COILHOSE

1/2" Body Size Couplers

Industrial Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO120	½
Male	
PCO122	½

COILHOSE

1/2" Body Size Connectors

Industrial Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO1202	½
Male	
PCO1203	⅜

COILHOSE

1/4" Body Size Couplers

Automotive Tru-Flate Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO160	¼
PCO161	⅜
Male	
PCO162	¼
PCO165	⅜

COILHOSE

1/4" Body Size Connectrors

Automotive Tru-Flate Interchange

Coilflow™

Item #	Thread & Barb Size
Female	
PCO1602	¼
PCO1605	⅜
Male	
PCO1601	¼
PCO1603	⅜

COILHOSE

3/8" Body Size Connectors

Automotive Tru-Flate Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO5904	¼
PCO5902	⅜
Male	
PCO5903	¼
PCO5901	⅜

COILHOSE

1/4" Body Size Couplers

Lincoln Interchange

Coilflow™

Item #	Thread & Barb Size (in.)
Female	
PCO170	¼
Male	
PCO172	¼

COILHOSE

Automatic Universal Couplers

U Series

Coilflow™

- Universal couplers are designed for use where there are connectors of different interchanges in use on the same application
- Fits type 14, 15 and 16 couplers

Item #	Thread & Barb Size (in.)
Female	
PCO150U	¼
Male	
PCO152U	¼

COILHOSE

Blow Guns & Tips

600 Series

- The 600 Series blow guns are supplied with 1/4" NPT female inlet thread and 1/8" NPT female outlet thread
- "S" suffix blow guns conform to OSHA standards for noise levels (1910.95) and less than 30 PSI dead-ended pressure (1910.242B)

Item #	Desc.
PCO601	Rubber
PCO606-S	6" Safety Extension

COILHOSE

Air Chucks

Item #	Fitting (in.)	Desc.	Check Type
PCOCH09	¼ FPT	Ball Chuck and Clip	Closed
PCOCH10	¼ FPT	Ball Chuck and Clip	Closed

General Construction & Maintenance Supplies

COILHOSE

Tee Manifold

- The tee manifold is made from high-quality brass and is ideal for two-way distribution

Item #	Desc. (in.)
PCOT004	¼ FPT
PCOT006	⅜ FPT

COILHOSE

Tri-Pod Manifold

- This all aluminum manifold is available with three 1/4" FPT outlet ports and one 1/4" FPT inlet port or 3/8" inlet port for high volume applications

Item #	Desc.
PCO3002	3 Port (¼" Inlet)
PCO3003	3 Port (⅜" Inlet)

COILHOSE

In-Line Lubricators

- Ideal for intermittent use type tools such as staplers and nailers

Item #	Oil Capacity (cc)	Length (in.)	Diameter (in.)	Weight (oz.)
PCO40014	5.0	3	1⅓	5

COILHOSE

Air Tool Lubricant

- Lubricates and rust proofs; removes moisture
- Maximizes tool performance
- Avoids unnecessary service; prolongs tool life

Item #	Unit Volume (oz.)
PCOATL004	4
PCOATL016	16 (1 pint)
PCOATL128	128 (1 gallon)

COILHOSE

Air Tool Lubricant Wintergrade

- Coilhose ATLW provides lubrication down to -45°F
- ATLW anti-freeze lubricant can be applied via conventional air line lubricators or directly into the air tool's air inlet port

Item #	Unit Volume (oz.)
PCOATL004W	4
PCOATL016W	16 (1 pint)
PCOATL128W	128 (1 gallon)

CONTRACTORS CHOICE

Rubber Air Hose

- 300 PSI flexible rubber hose'

Item #	I.D. (in.)	Length (ft.)
Hose With Guard and ¼" fitting		
PIT3/8X25	⅜	25
PIT3/8X50	⅜	50
PIT3/8X100	⅜	100
Air Hose		
PIT1/2X300	½	Bulk
PIT3/4X300	¾	Bulk
PIT1X300	1	Bulk
PIT3/4X50	¾	50

DIXON

Dixon Air King Couplings

Dixon "Air King" couplings are recommended for use on air lines for virtually any type of pneumatic equipment. The maximum recommended working pressure for Dixon "Air King" universal couplings is 150 PSI or less at ambient temperature (70° F).

- Made of malleable iron; blank ends available to block lines at coupling points
- Air King safety clips assure fittings will not become accidentally disconnected

Item #	Size (in.)
Hose Ends	
PDIAM1	½
PDIAM5	⅝
PDIAM6	¾
PDIAM11	1
Male NPT Ends	
PDIAMB	⅜
PDIAM2	½
PDIAM7	¾
PDIAM12	1
Female NPT Ends	
PDIAMC	⅜
PDIAM3	½
PDIAM8	¾
PDIAM13	1
Blank Ends	
PDIAM0	-
Accessories	
PDIAC1	Safety Clip
PDIAWR4	Washer

SNAPPI HOOKER

Rubber Tie Down Straps

- Super strong S-hooks
- 100% EDPM UV resilient rubber; crack resistant

Item #	Length (in.)	Max Stretch (in.)
SNSH9"	9	22.5
SNSH15"	15	37.5
SNSH20"	20	50.5
SNSH30"	30	75

Construction Stakes

- Provide maximum reuse and productivity
- No more time spent locating, measuring and cutting wood
- Durable steel makes it easier to drive in tough soil conditions
- No more mushroomed, splintered or cracked wooden stakes
- The strength of steel stakes lets you space them farther apart
- Stakes maintain their point longer and resist bending and twisting out of position

Item #	Size (in.)	Desc.
RM3/4X18R	¾x18	Round
RM3/4X24R	¾x24	Round
RM3/4X30R	¾x30	Round
RM3/4X36R	¾x36	Round
RM3/4X48R	¾x48	Round

Banding Seals

- Regular duty
- Double notch

Item #	Pkg. Qty.
PRM34SEAL	5000

Banding Tensioner

- Steel strapping tensioner
- 3/8 in. - 3/4 in.

Item #
PRMGRTNSNR34

Steel Banding

- Regular duty steel strapping
- 3/4” wide x .020 gauge
- Average break strength 2,078 lbs.

Item #
PRMST34020

Steel Strap Sealer

- Steel Strapping Sealer
- 3/4 in. Double Notch
- Regular Duty

Item #
PRMGRSL34RD2

Shrink Wrap

- 18”x1500’ roll
- Clear, 80 gauge

Item #
PRM18POLY

THE WIND CLIP COMPANY

Propane Weed Burning Torch

With 12’ Hose

Nu-Way Torches

- 500,000 BTU
- Cast iron head
- 3/8” x 18” double wall iron pipe handle
- Flame adjusting valve
- 12’ hose and POL tank connection

Item #
NW5RC

Edge provides all kinds of tie downs.

Contact your sales representative.

Spokane, WA 509-535-9841
Yakima, WA 509-248-1144
Billings, MT 406-248-7196
Gillette, WY 307-682-8522

General Construction & Maintenance Supplies

MIGHTY TIE

Cable Ties

Mighty Tie

- High quality nylon cable ties
- Made In The USA

Item #	Size (in.)	Color	Pkg Qty.
ACL4180C	4	UV Black	100
ACL4189C	4	Natural	100
ACL7500C	7	UV Black	100
ACL7509C	7	Natural	100
ACL11500C	11	UV Black	100
ACL11509C	11	Natural	100
ACL14500C	14	UV Black	100
ACL14509C	14	Natural	100
ACL241750L	24½	UV Black	50
ACL241759L	24½	Natural	50

ERIN ROPE CORPORATION

Polypropylene Rope

3 Strand Yellow

- Premium grade UV stabilized polypropylene fiber
- Versatile, economical, lightweight, floats

Item #	Dia (in.)	Length (ft.)	Min. Break Strength (lbs.)
ERTWPY080600	¼	600	1250
ERTWPY081200	¼	1200	1250
ERTWPY120600	⅜	600	2440
ERTWPY121200	⅜	1200	2440
ERTWPY160600	½	600	3780
ERTWPY200600	⅝	600	5600
ERTWPY240600	¾	600	7650

ERIN ROPE CORPORATION

Conduit Measuring Tape

- Sequential footage marks from 1-3,000 ft.
- Allows for fishing and measuring conduit runs in one easy step

Item #	Width (in.)	Min. Tensile Strength (lbs.)	Length (ft.)
ERPCMT3000	¼	130	3,000

ERIN ROPE CORPORATION

Manila Rope

3 Strand Natural Fiber

- The strongest of all natural fiber ropes
- Premium grade with 36 minimum becker value
- Items listed are 600' (additional lengths available)

Item #	Dia (in.)	Min. Break Strength (lbs.)
ERTWM160600	½	2,385
ERTWM200600	⅝	3,960

ERIN ROPE CORPORATION

Premium Braided Nylon Twine

Mason Line

- High quality braided twine, will not unravel after multiple uses
- Size - #18, Length 1000'
- Min. Break Strength 157 lbs.

Item #	Color
ERBSTFG1000	Fluorescent Green
ERBSTFO1000	Fluorescent Orange
ERBSTFP1000	Fluorescent Pink
ERBSTFY1000	Fluorescent Yellow

ERIN ROPE CORPORATION

Pulling Rope

Composite Double Braid

- High tensity low stretch polyester double braided pulling rope with factory spliced pulling eyes at each end
- Items listed are 600' (also available in 1200')

Item #	Dia (in.)	Min. Break Strength (lbs.)
ERCDB160600	½	9,500
ERCDB240600	¾	26,000
ERCDB280600	⅞	32,000

ERIN ROPE CORPORATION

Pulling Tapes

Woven Polyester

- Low stretch, high strength, sequentially footage marked pulling tape
- Measure and pull with same product

Item #	Width (in.)	Approx. Tensile Strength (lbs.)	Length (ft.)
ERWP12503000	½	1250	3,000
ERWP18003000	⅝	1800	3,000
ERWP25003000	¾	2500	3,000

LEAKTITE

LEAKTITE CORP.

5 Quart Polysteel Rim Pail

- Heavy-duty, high-quality polyethylene with spring-steel reinforced rims for maximum strength
- See through body with printed measurement on the outside
- Solvent resistant

Item #
LT0050CLR

LEAKTITE CORP.

5 Gallon Plastic Pail & Lids

- Great as a utility pail with optional lid
- Holds up to a 9" bucket grid
- White
- .070 wall thickness

Item #	Desc.
W5B	Pails
W5BLID	Lids

LEAKTITE

LEAKTITE CORP.

5 Quart Metal Pail Liner

- Solvent resistant plastic pail liner fits securely in the #5 metal pail
- Thermoformed construction, the liner keeps project cleanup time to a minimum
- Use with all types of paints

Item #
LT0050100

LEAKTITE CORP.

5 Gallon Pail Liner

- Semi-rigid, seamless plastic insert
- Great for quick color changes; cost effective for clean up

Item #
LT9003048

LEAKTITE CORP.

5 Gallon Pail Strainer

For Airless Sprayers

- Strains paint more efficiently; ideal for spraying or rolling
- New inlet accommodates hose while spraying
- Can be cleaned and reused or thrown away

Item #
LT9008040

PELICAN

PELICAN PRODUCTS

Watertight Protector Cases

- Made with Copolymer Polypropylene with open cell core and solid wall construction
- Stainless steel pins used for hinges and handles
- Double throw locks
- Tongue-and-groove fit with polymer o ring acting as a waterproof seal
- Automatic Pressure Equalization valve releases air pressure while keeping water out
- Pick n' Pluck foam for custom shaping the interior
- Single folding front handle

Item #	Size	Interior Dim. (in.)	Exterior Dim. (in.)
PU1200	Small	9 3/8 x 7 1/4 x 4 1/16	10 5/8 x 9 11/16 x 4 7/8
PU1500	Medium	17 x 11 7/16 x 6 1/8	18 1/2 x 14 1/16 x 6 15/16
PU1600	Large	21 3/4 x 16 13/16 x 7 7/8	24 1/4 x 19 7/16 x 8 11/16

Rubbermaid Commercial Products

RUBBERMAID COMMERCIAL PRODUCTS

Trash Container

Brute®

- All-plastic, professional-grade construction will not rust, chip or peel; resists dents
- Strong, snap-on lids available for secure, stable stacking
- Reinforced rims add strength and durability
- Built-in handles all easy, non-slip lifting and anti-jam nesting
- Double-ribbed base increases stability and dragging capacity

Item #	Desc.	Cap. Gal.	Dia.	Dpth.	Wt
RB2632	Container w/o lid	32	22	27 1/4	9.26
RB2631	Flat Lid for 2632 & 2634	32	22 1/4	1 3/8	2.16

General Construction & Maintenance Supplies

RUBBERMAID COMMERCIAL PRODUCTS

Angle Broom

- Ideal for cleaning hard-to-reach areas
- Cut and shaped for easy sweeping
- Long-lasting stain-resistant polypropylene bristles
- Permanent fusion set bristles won't pull out
- 1" dia. aluminum handle

Item #
RB6385

RUBBERMAID COMMERCIAL PRODUCTS

Plastic Dust Pan

- Redesigned dust pan with a thinner front edge for improved dirt pick up
- Includes molded-in, serrated teeth for counter duster cleaning
- 8-1/4" x 12-1/4" x 2-5/8"
- Color: Charcoal

Item #
RB2005

RUBBERMAID COMMERCIAL PRODUCTS

Spray Bottle

- Adjustable nozzle sprays up to 30"
- Large trigger for easy application
- 32 oz. HDRE bottle

Item #
RB9C03

PFERD ADVANCE BRUSH

Counter Duster

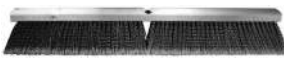
- Premium Fine Sweep
- Block Type: Wooden Block
- Filament Material: Black Horsehair & Nylon
- OA Length: 9"; Trim Length: 2-1/2"

Item #
MB89395

PFERD ADVANCE BRUSH

Floor Brooms

Fine Sweeping



- Block type: Lacquered hardwood
- Use with threaded handle

Item #	Filament	Trim Length (in.)	Block Size (in.)
MB89215	Horsehair / Nylon Mix	3	24
MB89223	Silver flagged-tip plastic	3	24

PFERD ADVANCE BRUSH

Floor Brooms

Medium Sweeping

- Block type: Lacquered hardwood
- Filament: Black tampico center fill with horsehair casing
- Use w/Handle: Threaded

Item #	Block Size (in.)	Trim Length (in.)
MB89253	24	3
MB89263	36	3

PFERD ADVANCE BRUSH

Floor Brooms

Coarse Sweeping

- Use with threaded handle
- Block type: Lacquered

Item #	Filament	Block Size (in.)	Trim Length (in.)
MB89287	Brown / Red Plastic	24	3
MB89319	Stiff Palmyra	16	4
MB89348	Brown Plastic	16	5¼

PFERD ADVANCE BRUSH

Wire Brooms

- Block Type: Lacquered Hardwood
- Filament Material: Round Steel Wire Center with Black Tampico Border
- Trim: 2-7/8"

Item #	Block Size (in.)
MB89362	18
MB89363	24

PFERD ADVANCE BRUSH

Broom Handles

- Wooden with Metal Threads
- Handle Length: 5'
- Handle Diameter: 15/16"

Item #
MB89889

PFERD ADVANCE BRUSH

Broom Handles

- Wooden with Tapered End
- Handle Length: 5'
- Handle Diameter: 1-1/8"

Item #
MB89899

PFERD ADVANCE BRUSH

Broom Handle Brace

- Adds strength and stability
- Heavy-duty brace clamps around handle

Item #
MB89922

PFERD ADVANCE BRUSH
Upright Broom

- Filament Material: Selected Corn
- No. Sews: 3
- Sweep Width: 11”
- Handle (Dia. x L): 1-1/8” x 37”
- OA Length: 56”
- Trim Length: 10-1/2”

Item #
MB89377

PFERD ADVANCE BRUSH
Floor Squeegees

- Heavy-Duty Straight
- Frame Plating: Cadmium Steel
- Blade Material: Neoprene

Item #	Blade Size (in.)	Length (in.)
MB89474	2x¼	24

PFERD ADVANCE BRUSH
Floor Squeegees

- Heavy-Duty Curved Ends
- Frame Plating: Cadmium Steel
- Blade Material: Neoprene

Item #	Size (in.)	Length (in.)
MB89478	2½x¼	24
MB89480	2½x¼	36

PFERD ADVANCE BRUSH
Roller Frame

- OA Width: 9”
- Cage Diameter: 1-1/2”

Item #
MB89772

PFERD ADVANCE BRUSH
Paint Roller Refills

- Knitted polyester fabric
- PVC core
- Width: 9”
- Pile Height: 1/2”

Item #	Width (in.)	Pile Height (in.)
MB89757	9	½

PFERD ADVANCE BRUSH
Chip Brushes

- Wood handle
- White bristles

Item #	Width (in.)	Thickness (in.)	Trim Length (in.)
MB89696	1	5-16	1½
MB89697	1½	5-16	1½
MB89698	2	⅜	1¾
MB89700	3	⅜	1¾
MB89701	4	⅜	1¾

PFERD ADVANCE BRUSH
Acid Brush

- Tin Handle with horsehair fill
- Width: 3/8”
- Trim: 7/8”
- OA Length: 6”

Item #
MB89602

PFERD ADVANCE BRUSH
Block Brush

- Straight back, wood handle
- Brush length: 7-1/4”
- Wire rows: 6x19; Filament: Carbon Steel
- Block width: 2-1/4”; Trim length: 1-3/4”

Item #
MB85082

ROOFMASTER PRODUCTS CO.
Magnetic Sweeper

- Designed to pick up nails, scrap metal & other metallic debris from decks, driveways & sidewalks, and grass & shrub areas
- Solid magnets

Item #	Size (in.)
RM452000	36 x 2
RM452400	24 x 2

General Construction & Maintenance Supplies

Premium Trash Bags

- Significantly stronger than thicker bags made from conventional material
- Great for collecting trash and debris on the job site

Item #	Size (in.)	Pkg Qty.	Thickness (mil)
POHKHM42050B	33x48	50/Box	3
POHWY-4-55	38x65	55/Box	3
POPA2042HB	33x48	20/Box	3

AmSan
America's Leading Supplier of Janitorial and Cleaning Products

AMSAN CUSTODIAL SUPPLY

Floor Sweeping Compound

Item #	Desc.	Weight (lbs.)
FLOOR SWEEP	Red - Oil Based	50
FLOOR SWEEP/WAX	Green - Wax Based	35

BUFFALO

BUFFALO INDUSTRIES, INC.

Corduroy Rags

- Recycled corduroy pant material
- Excellent lower cost wiper

Item #	Size
BF10105	50 lb. Box

BUFFALO INDUSTRIES, INC.

Colored Cloth Rags

- Knit T-shirt material
- Suitable for almost all wiper needs

Item #	Size
BF5C	5 lb. Box
BF25C	25 lb. Box
BF50C	50 lb. Box

BUFFALO INDUSTRIES, INC.

Colored Sweatshirt Rags

- Sweatshirt material hand-picked for maximum absorbency
- Excellent all-purpose wiper

Item #	Size
BF25SS	25 lb. Box

BUFFALO INDUSTRIES, INC.

White Cloth Rags

- All white knit T-shirt material
- Excellent all-purpose wiping, cleaning, and polishing cloth
- Practically lint-free

Item #	Size
BF25W	25 lb. Box

BUFFALO INDUSTRIES, INC.

Heavy Weight Sorbent Pads

Oil Only-Meltblown

- Oil-Only sorbents absorb oil-based fluids such as motor oil & hydraulic/transmission fluid
- Meltblown sorbents are the most economical product available

Item #	Size	Per Bag
BF90850	15"x18" Pad	100

BUFFALO INDUSTRIES, INC.

Quick Response Spill Kit

Oil Only

Contains:

- 15 Oil only/med wt./bonded pads, 3 oil only 3"x4' socks, 1 pair Nitrile gloves, 1 disposable bag and instruction sheet

Item #
BF92001

BUFFALO INDUSTRIES, INC.

Econo Safety Pail Spill Kit™

Universal

Contains:

- Portable 5-gallon pail, 10 pads, 4 socks, 1 qt. Ensorb, 1 disposable bag and zip tie, 1 pair nitrile gloves and goggles, emergency response guide and instruction sheet

Item #
BF92000

WINTER ITEMS

TPI CORPORATION

Fan Forced Milkhouse Heater

- Heat settings plus fan only setting
- Temperature control thermostat
- 6' long - 3 conductor cord
- Triple safety system: Tip over switch, Automatic reset type limit control, Thermal cut-off device

Item #	Volts	Watts	Phase	Max. BTU's/Hr.
TPI188TASA	120	1500/1300 Fan Only	1	5120

TPI CORPORATION

Combination Radiant

& Fan Forced Heaters

- 3-Heat settings
- Temperature control thermostat
- Dual safety system: Tip over switch, Manual reset type limit control
- 6' long - 3 conductor cord

Item #	Volts	Watts	Phase	Max. BTU's/Hr.
TPI198TMC	120	1500/900/600	1	5120

ENERCO®

Convection Heaters

- Special Features: Piezo push button ignitor, Adjustable Heat Output, “Insta-Lock” system for easy assembly - no tools
- Specifications: Fuel: Propane Gas, Flame Safety: Thermocouple operated gas valve, Standing Pilot, Piezo ignition, Power required: None, POL/Excess flow check valve

Item #	Stock Number	Output BTU/hr	Propane Consumption (lbs/hr)	Pressure Regulator Settings	Hose - 20 ft.	Shipping Size LxWxH (in.)	Net Weight (lbs.	Shipping Weight (lbs.)	Shipping Cube
HS80CV	F170480	30,000-80,000	1.4 to 3.7	11” W.C.	3/8” I.D. w/Regulator and POL	15.25x18.25x 21.75	19	21	3.50
HS200CV	F170600	75,000-200,000	3.5 to 9.3	10 PSI	1/4” I.D. w/Regulator and POL	18.25x15x27.5	5 25	27	4.36

ENERCO®

Single Tank-top Propane Heater

w/ Piezo Ignitor

- Variable output of: 8, 12 & 14,000 BTU/hr
- Hi-Medium-Low Regulator; safety shutoff
- Operates 30-52 hours on a 20 lb. tank; connects to a 20 lb. cylinder

Item #	Stock Number
MH12T	F273100

ENERCO®

Double Tank-top Propane Heater

w/ Piezo Ignitor

- Variable output of: 8, 12, 16, 24 & 28,000 BTU/hr
- Hi-Medium-Low Regulator; two safety shutoffs
- Runs on one burner or two
- Operates 17-52 hours on a 20 lb. tank; connects to a 20 lb. cylinder

Item #	Stock Number
MH24T	F273600

L.B. WHITE

Forced Air LP/NG Heaters

Tradesman®

- LP and NG models available
- Ultra models include Self Diagnostic Service Saver for convenient trouble-shooting
- Dependable electronic spark ignition; superior Tri-Shield finish provides extended protection against abrasion and corrosion
- Thermostatic temperature control (Tradesman 170, 400 models); adjustable front leg provides easy direction of heat (170,400 models)
- Variable output saves fuel; direct-fired = 99.97% fuel efficiency
- CSA US, (all models) and Canada (all except 100K)

Item #	Btu/h Rating	Heated Air Output (CFM)	Fuel Consumption (max.) LP Gas (lbs./hr.)	Fuel Consumption (max.) Natural Gas (cu.ft./hr.)	Amps (starting/continuous operation)	Service Saver
LB100	50,000-100,000	350	4.6		4.7/2.0	
LB170	125,000 - 170,000	625	7.2	170	3.7/2.4	
LB170Ultra	125,000 - 170,000	625	7.2	170	3.7/2.4	Yes
LB400	250,000 - 400,000	1,582	18.5		3.7/2.4	
LB400Ultra	250,000 - 400,000	1,582	18.5		3.7/2.4	Yes

L.B. WHITE

Forced Air Kerosene Heaters

Tradesman®

- Kerosene, #1 diesel or #1 fuel oil
- Dependable, dual-prong electronic spark ignition
- Durable brass fuel fittings, not plastic
- Fuel gauge indicates remaining run time; comfort control thermostat
- Wheels and handles make it easier to maneuver
- Threaded drain plug
- CSA US and Canada

Item #	Btu/h Rating	Heated Air Output (CFM)	Pump Pressure (psi)	Fuel Consumption (max.) (gal./hr.)	Tank Capacity (gal.)	Operating Time/Tankful (hrs.)	Amps (continuous operation)	Motor Horse-power	Dimensions (LxWxH/in.)	Shipping Weight (lbs.)
LBK170	170,000	600	6.5	1.3	13	10.0	3.2	¼	43.5x23.9x26.6	60.0
LBK400	400,000	1,400	125	3.0	29	9.5	4.4	½	52.5x32.0x34.0	155.0
LBK650	650,000	3,600	110	4.9	50	10.0	7.1	¾	69.2x30.7x48.7	298.0

JACKSON SAFETY

Winter Liner

225 Plus

- Three layers of thick foam under a blue 100% quilted nylon shell; meets 16 CFR 1610, Class 1

Item #
JS3000442

JACKSON SAFETY

Winter Liner

AA-7 Windgard™

- Knitted tube cap style traps warmth and prevents moisture build-up, keeps wind out
- Flame retardant treated polyester - Navy blue color

Item #
JS3000434

JACKSON

JACKSON SAFETY

Winter Liner

AA-8 Windgard™

- Knitted tube hat style for 360 degree brim hats - Red color
- Warmth for temps 32º to 0º F (0º to -20ºC)

Item #
JS3000436

JACKSON SAFETY

Winter Liner

400

- Full head and neck coverage with extra-long nape and wrap-around collar
- 100% quilted nylon shell with 100% cotton; denim exterior; thick, sherpa lining for maximum warmth

Item #
JS3000441

JACKSON SAFETY

Winter Liner

- Detachable bottom section is double layered, heavy knit spun polyester
- Top section is flame retardant treated; bottom section does not support combustion
- Red heavyweight fleece inner lining of top section; can be worn over hearing protection

Item #
JS3000439

RED STEER GLOVE COMPANY

RED STEER

Insulated Work Gloves

CHILLY GRIP®

- Chilly Grip® black heavy-duty foam rubber palm; brown acrylic thermal knit liner

Item #	Size
RSA315-M	Medium
RSA315-L	Large
RSA315-XL	Extra Large

YAKTRAX

YAKTRAX®

Outdoor Performance Footcare

Traction Device

PRO

The Yaktrax® Pro will instantly give you better traction, confidence and safety on packed snow or ice. Move about naturally with the same solid grip that you are accustomed to on dry surfaces. Walk or run as you normally would and experience stability on ice and snow like you have never felt before.

- High strength, abrasion resistant 1.4 mm steel coils
- Heavy-duty natural rubber material
- Provides 360 degrees of traction on packed snow and ice and can be worn in temperatures as low as -41° Fahrenheit
- Easy On/Off and walk naturally
- Spikeless/Ultralight
- Helps reduce the risk of falls & injuries

Item #	Size	Womens	Mens
YA08009	Sml	5-8½	6½-10
YA08011	Med	9-11	10½-12½
YA08013	Lrg	11½-13½	13-15
YA08015	XL	14+	15½+

UnionTools

UNION TOOLS

18” Plastic Snow Pusher

- Deep 18-inch blade
- 50-1/2” ash handle
- Strong poly D-grip
- Made with high-density poly to withstand cold temperatures

Item #
UF16-274

UNION TOOLS

24” Aluminum Snow Pusher

- 52” ash handle
- Durable aluminum blade with reinforced socket
- Steel wear strip breaks up ice and packed snow and extends blade life
- Wide D-grip accommodates a gloved hand

Item #
UF16-400

General Construction & Maintenance Supplies

UNION TOOLS

18" Aluminum Snow Shovel

- 18-inch aluminum blade
- Strong poly D-grip
- 51" ash handle
- Steel wear strip for extended blade life

Item #
UF16-404

UNION TOOLS

18" Steel Snow Shovel

- 18-inch steel blad e
- Strong poly D-grip
- 49-1/2" ash handle

Item #
UF16-407

UNION TOOLS

Poly Snow Scoop

- 14-inch x 18-inch scoop blade
- 46" ash handle
- Poly D-grip for added leverange and control
- Scoop blade won't scratch surfaces

Item #
UF16-815

UNION TOOLS

Sidewalk/Ice Scraper

Razorback®

- Professional grade forged construction for heavy-duty use
- Socket pattern
- 7" x 6" industrial gauge, forged blade
- 54" Ash wood handle

Item #
UF78-202

UNION TOOLS

Snow Roof Rake

- Aluminum handle extends to 17 feet
- 22-inch poly blade
- Non-slip handle treatment for control

Item #
UF16-345

Peladow

Ice Melt

- 50 lb. bag
- Fast working; calcium chloride ice melt capable of melting at -25°F below zero
- Exothermic action gives off heat while dissolving, speeding the melting process

Item #
ICEMELT

Tube Sand

- 60 lb. Tube-o-Traction covers 1/2 cu. ft.
- Use for flood control and to add traction and weight to vehicles in bad weather

Item #
TUBESAND

YAKTRAX

YAKTRAX®

Hand Warmers

Little Hotties®

Open the bag, shake it, and stuff it!

- 1 Pair Hand Warmers; up to 8 Hours of Heat

Item #
YA07001

SUMMER ITEMS

SQWINCHER

THE SQWINCHER CORP.

Electrolyte Drinks

Ready-To-Drink Bottles

- Ready-to-drink; 24 per case
- 20 oz. wide-mouth plastic bottle

Item #	Flavor
SQ030530-BE	Berry
SQ030531-CI	Citrus
SQ030532-GR	Grape
SQ030534-OR	Orange
SQ030535-FP	Fruit Punch

THE SQWINCHER CORP.

Electrolyte Drinks

Fast Pack®

- Single-serving package eliminates the need for cups-each foil package is its own cup
- Add water to the liquid concentrate inside to make a 6-ounce single serving
- Easily fits in a pocket, lunch box or glove box
- Includes four 50-packs per case

Item #	Flavor
SQ015301-CH	Cherry
SQ015302-GR	Grape
SQ015303-LA	Lemonade
SQ015304-OR	Orange
SQ015305-FP	Fruit Punch
SQ015308-LL	Lemon-Lime

THE SQWINCHER CORP.

Electrolyte Drinks

Qwik Stik

- Pour in 20 oz. bottle of water
- 10/50 pk. per case

Item #	Flavor
SQ060100-OR	Orange
SQ060102-FP	Fruit Punch
SQ060106-LL	Lemon Lime
SQ060107-GR	Grape

THE SQWINCHER CORP.

Electrolyte Drinks

Powder Pack™

- Powder pack makes 2.5 gallons
- 32 pk. per case

Item #	Flavor	Case Qty/Yield	Wt
SQ016040-LA	Lemonade	32/80 gal.	1.53
SQ016041-OR	Orange	32/80 gal.	1.53
SQ016042-FP	Fruit Punch	32/80 gal.	1.53
SQ016043-LL	Lemon-Lime	32/80 gal.	1.53
SQ016046-GR	Grape	32/80 gal.	1.53

RUBBERMAID COMMERCIAL PRODUCTS

Water Coolers

Gott®

- Durable construction resists scratching, denting and fading
- Drip-resistant spigot; screw-tight lid
- Extra-thick insulation ensures superior thermal retention
- Stain and odor resistant, easy-to-clean liner
- Swing-top bail handle for easy carrying

Item #	Size (gal.)
IGGT1683	3
IGGT1685	5
IGGT1610	10

RUBBERMAID COMMERCIAL PRODUCTS

Mounting Bracket

- Designed specifically for Rubbermaid® water coolers
- Durable, weather-resistant construction
- Horizontal mounting

Item #	Desc.
IGGT1640	Rack

RUBBERMAID COMMERCIAL PRODUCTS

Cup Holder

- Designed specifically for Rubbermaid® water coolers
- Durable, weather-resistant construction

Item #	Desc.
IGGT8257UN	Dispenser

RUBBERMAID COMMERCIAL PRODUCTS

Paper Cone Cup

Solo®

- Cone shaped water cup with a rolled rim
- 25 sleeves of 200
- Per case = 5000 per case

Item #	Desc.
IG9346	Cups

TPI CORPORATION

Mini-Blower

Floor Model

- Totally enclosed motor allows mini-blower to be used in dirty or dusty environments; available as floor model or yoke mounted model that can be directly bolted to any surface or used with optional wall/ceiling mount
- Motor - 2-speed, 1/4 HP, 1 Phase, 115 volt, ball bearing, permanently lubricated, totally enclosed, permanent split capacitor
- Switch - Rotary on floor model, rocker on 30 Inch floor model with wheels and pull chain on yoke mounted model
- Cord - SJT type, 3 conductor, 10 Feet long; Blade - Aluminum; Guards - Spiral wire - front and rear
- Housing - Powder coated 20 ga. steel
- UL - Listed and meets OSHA Standards
- 1 Year Limited Warranty

Item #	Blade Size	CFM	Amps	Shipping Wt.
TPIMB-24-DF	24	6800/5000	2.2	52
TPIMB-30-DF	30	7800/6000	2.5	58

TPI CORPORATION

Belt Drive Portable Blower

Standard & Swivel

- Powder coated 20 gallon steel housing has front and rear roll formed embossments for added strength and rigidity
- Swivel model rotates 360° in 12.5° increments and locks in place with a steel locking pin
- 10 Inch Hard Rubber Wheels
- External junction boxes on dual voltage models allow units to be wired for either voltage without removing guards
- Hazardous Location Models have explosion proof motors and external junction boxes rated for Class I, Group D and Glass II, Groups E, F and G
- Meets OSHA Standards
- U.L. Listed
- 1 Year Limited Warranty
- Size - 36 Inch, 42 Inch and 48 Inch
- Motor - 1-speed, permanently lubricated ball bearing; Switch - Rocker on 115V 1 Phase models
- Cord - SJT type 3 conductor, 15 Feet long on 115V 1 Phase models, no cords on dual voltage models
- Blade - Steel on ODP models, aluminum on Hazardous Location models
- Guards - Spiral wire - front and rear

Item #	Blade Size (in.)	CFM	Amps	Weight (lbs.)	Motor Type	Motor HP	RPM	Base
TPIPB-36-B	36	14500	8.0	120	120 V 1 PH ODP	½	500	Standard
TPIPB-42-B	42	18200	11.0	155	120 V 1 PH ODP	¾	430	Standard
TPIPB-48-B	48	22700	15.0	175	120 V 1 PH ODP	1	390	Standard
TPIPBS-36-B	36	14500	8.011.0	120	120 V 1 PH ODP	½	500	Swivel
TPIPBS-42-B	42	18200	11.0	155	120 V 1 PH ODP	¾	430390	Swivel
TPIPBS-48-B	48	22700	15.0	175	120 V 1 PH ODP	1	390	Swivel

TPI CORPORATION

Direct Drive Portable Blower - Standard and Swivel

- Powder coated 20 gallon steel housing has front and rear roll formed embossment for added strength and rigidity
- Swivel model rotates 360º in 12-1/2 increments and locks in place with a steel locking pin
- 8” rubber wheels
- UL Listed and meets OSHA Standards
- 1 Year Limited Warranty

Item #	Blade Size (in.)	CFM (High/Low)	Amps	Shipping Wt.	Motor	Base
TPIPB-36-D	36	12500/9000	5.5	82	⅓	Standard
TPIPB-42-D	42	15600/1040	6.0	102	½	Standard
TPIPBS-36-D	36	12500/9000	5.5	110	⅓	Swivel
TPIPBS-42-D	42	15600/1040	6.0	128	½	Swivel

leisure craft INC.

LEISURE CRAFT INC.

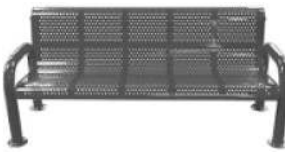
U-Leg Perforated Bench Without Back

- Perforated metal seat
- 3" 11-gauge steel legs
- Thermoplastic coated
- Pre-drilled mounting holes
- Several colors available, please inquire within

Item #	Desc.	Weight (lbs.)
LSULNB4-PERF	4', No Back	110
LSULNB5-PERF	5', No Back	120
LSULNB6-PERF	6', No Back	130

LEISURE CRAFT INC.

U-Leg Perforated Bench



- 11 Gauge perforated metal seat and back
- 3" 11 Gauge tubular steel legs
- Thermoplastic coated
- Pre-drilled mounting holes
- Several colors available, please inquire within

Item #	Desc. (ft.)	Weight (lbs.)
LSULRF48-PERF	4	220
LSULRF72-PERF	6	250
LSULRF96-PERF	8	280

LEISURE CRAFT INC.

46" Square Perforated Table

- 11 Gauge perforated metal seats and tops
- Black powder coated galvanized steel 2" tubular understructure
- Thermoplastic coated
- Optional leg protectors and anti-skateboard tabs; optional umbrella; 1-3/4" umbrella hole
- All 46" tables are available in ADA version
- Handicap access is available for this model
- Several colors available, please inquire within

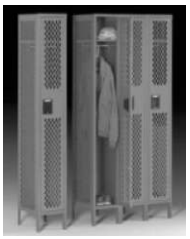
Item #	Desc.	Weight (lbs.)
LST46SQP-PERF	46" Square Perforated Portable Table	310
LST46SQSM-PERF	46" Square Perforated Surface Mount Table	315
LST46SQIG-PERF	46" Square Perforated In-Ground Table	320
LST46SQP-ADA-PERF	46" Square Perforated Table, 3 Seats, Handicap Access	275

tennsco
Systems for Success

TENNSCO

Ventilated Lockers

Single Tier



- Roomy enough for just about any secured storage application; ideal for use in factories, schools, fitness clubs, hospitals, and other locations where clothing is stored; three coat hooks and a coat rod per opening
- Available in single or three-wide units
- Opening size of 12" wide; locker depth of 18"; positive 3-point locking system in doors
- Available with or without legs; available fully assembled only
- Optional locks and other accessories available

Item #	No. of Openings	Opening (W, D, H)	Overall Unit (W, D, H)	Weight
With Legs				
TNVSL-121872-1	1	12, 18, 72	12, 18, 78	79
TNVSL-121872-3	3	12, 18, 72	36, 18, 78	237
TNVSL-151872-1	1	15, 18, 72	15, 15, 78	119
TNVSL-151872-3	3	15, 18, 72	45, 15, 78	260
TNVSL-181872-1	1	18, 18, 72	18, 18, 78	119
TNVSL-181872-2	2	18, 18, 72	54, 18, 78	237
Without Legs				
TNVSL-121872-A	1	12, 18, 72	77	
TNVSL-121872-C	3	12, 18, 72	36, 18, 72	233
TNVSL-151872-A	1	15, 18, 72	119	
TNVSL-151872-C	3	15, 18, 72	45, 18, 72	260
TNVSL-181872-A	1	18, 18, 72	119	
TNVSL-181872-B	2	18, 18, 72	54, 18, 72	237

TENNSCO

Ventilated Lockers

Double Tier

- Features two openings per locker for twice the number of lockers in the same space with plenty of hanging room for shirts and jackets; three coat hooks per opening
- Available in single or three-wide units
- Opening size of 12" wide; locker depth of 18"; positive 2-point locking system in doors
- Available with or without legs; available fully assembled only
- Optional locks and other accessories available

Item #	No. of Openings	Opening (W, D, H)	Overall Unit (W, D, H)	Weight
With Legs				
TNVDL-121836-1	2	12, 18, 36	12, 18, 78	80
TNVDL-121836-3	6	12, 18, 36	36, 18, 78	240
TNVDL-151836-1	2	15, 18, 36	15, 18, 78	90
TNVDL-151836-3	6	15, 18, 36	45, 18, 78	240
Without Legs				
TNVDL-121836-A	2	12, 18, 36	12, 18, 72	78
TNVDL-121836-C	6	12, 18, 36	36, 18, 72	238
TNVDL-151836-A	2	15, 18, 36	15, 18, 72	90
TNVDL-151836-C	6	15, 18, 36	45, 18, 72	240

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Jobsite Tool Up List

Office Supplies
- ☐ Batteries
- ☐ Broom
- ☐ Calendar
- ☐ Carpenter pencil
- ☐ Clock
- ☐ Dust pan & brush
- ☐ Flashlight
- ☐ Hand cleaner
- ☐ Lumber crayons
- ☐ Paper towels
- ☐ Radios
- ☐ Sharpies
- ☐ Sweeping compound
- ☐ Trash bags
- ☐ Trash cans
- ☐ Watchacallit Kit
- ☐ Wipes

Rental Equipment
- ☐ Cable pullers
- ☐ Compaction
- ☐ Compressor
- ☐ Conduit benders
- ☐ Conduit bending
- ☐ Core drill
- ☐ Generator
- ☐ Hoists
- ☐ Lights
- ☐ Pipe threading
- ☐ Pump jacks
- ☐ Scaffold
- ☐ Scissor lifts
- ☐ Span planks
- ☐ Trash pumps
- ☐ Vibrators

Winter
- ☐ Gloves
- ☐ Hand warmers
- ☐ Heaters
- ☐ Hi-viz jacket
- ☐ Ice melt
- ☐ Roof Rake
- ☐ Sand bags
- ☐ Snow shovels
- ☐ Visqueen
- ☐ Yaktraks

Summer
- ☐ Bug repellent
- ☐ Cooling vest
- ☐ Cups & holder
- ☐ Electrolytes
- ☐ Fans
- ☐ Pop-up shade tent
- ☐ Shaded safety glasses
- ☐ Wasp spray
- ☐ Water
- ☐ Water cooler

Hand Tools
- ☐ Files
- ☐ Hammer
- ☐ Level
- ☐ Screwdrivers
- ☐ Shovels, picks, rakes
- ☐ Sockets
- ☐ Tape measure
- ☐ Utility knife
- ☐ Wrenches

Lighting & Power Distribution
- ☐ Connectors
- ☐ Extension cords
- ☐ Hanging lights
- ☐ Jobsite lights
- ☐ Light bulbs
- ☐ String lights
- ☐ Temporary power boxes
- ☐ Temporary power cords
- ☐ Wobble lights

Safety Supplies
- ☐ Boots
- ☐ Bucket of Safety
- ☐ Caution tape
- ☐ Debris netting
- ☐ Eyewash station
- ☐ Fire extinguisher
- ☐ First aid kit
- ☐ Flagging tape
- ☐ Flashlight
- ☐ GFCI
- ☐ Gloves
- ☐ Hard hats
- ☐ Hearing protection
- ☐ Hi-viz vests & coats
- ☐ I-beam anchor
- ☐ Lanyards
- ☐ Masks
- ☐ Raingear
- ☐ Rebar caps
- ☐ Respirators
- ☐ Retractable lifelines
- ☐ Roof anchor
- ☐ Safety fencing
- ☐ Safety glasses
- ☐ Safety harness
- ☐ Safety signs
- ☐ Spill kit
- ☐ Traffic cones
- ☐ Traffic delineators
- ☐ Water coolers

HVAC
- ☐ Duct cover
- ☐ Screws
- ☐ Snips

General Supplies
- ☐ Bolts, nuts, washers
- ☐ Brooms
- ☐ Carpet & floor protection
- ☐ Caulk
- ☐ Chain
- ☐ Chalk & snap line
- ☐ Cold-galv spray
- ☐ Cut-off abrasive wheels
- ☐ Drywall screws
- ☐ Duct tape
- ☐ Floor protection
- ☐ Form release
- ☐ Gas cans
- ☐ Hose
- ☐ Jobsite gang boxes
- ☐ Ladders
- ☐ Locks
- ☐ Nails
- ☐ Non-shrink Grout
- ☐ Rags
- ☐ Rope
- ☐ Shims
- ☐ Silt fence
- ☐ Slings & shackles
- ☐ Spray paint
- ☐ Tarps
- ☐ Tie wire
- ☐ Upside-down paint
- ☐ Utility/demo carts
- ☐ WD-40
- ☐ Wedge anchors
- ☐ Wheel barrow

Lead Abatement, Renovation & Hospital jobs
- ☐ Booties & clean suits
- ☐ Hepa vacuum
- ☐ Negative air machine
- ☐ Respirators
- ☐ Sticky mats
- ☐ Zipwall containment

Electricians
- ☐ Benders
- ☐ Cordless drills
- ☐ Hole saws
- ☐ Klein hand tools
- ☐ Portable band saws
- ☐ Tuggers

Plumbers
- ☐ Pipe stands
- ☐ Portable bandsaws
- ☐ Threaders
- ☐ Wrenches

Power Tools
- ☐ Circular saw & blades
- ☐ Cordless drill & bits
- ☐ Cut off saw & blades/abrasives
- ☐ Grinders & abrasives
- ☐ Lasers
- ☐ Pneumatic or cordless nailer/ stapler
- ☐ Portable band saws
- ☐ Portable table saw & blades
- ☐ Powder actuated with pins & loads
- ☐ Reciprocating saw & blades
- ☐ Rotohammer & carbide bits
- ☐ Vacuum

Plumber's Starter Kit (ECTOOLSET)
- ☐ AN56074, Hex key set 9 piece
- ☐ AR11-316A, ½" deep socket 3/8 drive
- ☐ AR11-318A, 9/16 deep socket 3/8 drive
- ☐ BZTX405, spark lighter
- ☐ CGM3R, Aircraft snips - straight
- ☐ CL337, Pliers 7"
- ☐ CL369CB, Linemen's pliers 9"
- ☐ CL420, Channelock 9-1/2"
- ☐ CL430, Pliers 10"
- ☐ CL808W, Adjustable wrench 8" - wide opening
- ☐ CL810W, Adjustable wrench 8" - wide opening
- ☐ CS1572, Soft tool box
- ☐ DTDW1956, 16 piece drill index
- ☐ EE916BR, 16oz plumb bob
- ☐ EWE3-20S, Claw hammer
- ☐ GW81218, 3/8 ratchet
- ☐ IR3057014, bit set
- ☐ KL32477, 10-in-1 screwdriver
- ☐ KL630-3/8, 3/8 nut driver
- ☐ KL630-5/16, 5/16 nut driver
- ☐ PF11023P, 8" half round file
- ☐ RI31632, Tube Cutter ¼" to 1-5/8"
- ☐ RI31642, Tube Cutter ¼" to 2-5/8"
- ☐ RI86127, Tube Cutter
- ☐ RYILJ2AA-B, Flashlight
- ☐ SB25245, Torpedo level 10"
- ☐ ST10-499, Utility knife
- ☐ ST15-206, 6" wallboard saw
- ☐ ST33-525, 25' tape
- ☐ ST46-222, 12" combination square

Other job start-up needs:
- Submittals on specified products
- Quote on Engineered Systems
- Other items not listed above

CSI standard formatting is used throughout the construction industry to format construction specifications in building contracts. The purpose of this industry standard format is to assist the user in locating specific types of information. The information contained in CSI's MasterFormat is organized in a standardized outline form within 16 (pre-2004) or 50 (post-2004) divisions. Each division contains a number of sections. Each section is divided into three parts:"general," "products," and "execution." Each part is organized by a standardized system of articles and paragraphs.

Post 2004 Master Format with 50 Divisions

PROCUREMENT & CONTRACTING REQUIREMENTS GROUP:
Division 00 -- Procurement & Contracting Requirements
SPECIFICATIONS GROUP:
General Requirements Subgroup
Division 01 -- General Requirements
Facility Construction Subgroup
Division 02 -- Existing Conditions
Division 03 -- Concrete
Division 04 -- Masonry
Division 05 -- Metals
Division 06 - Wood, Plastics & Composites
Division 07 -- Thermal & Moisture Protection
Division 08 -- Openings
Division 09 -- Finishes
Division 10 -- Specialties
Division 11 -- Equipment
Division 12 -- Furnishings
Division 13 -- Special Construction
Division 14 -- Conveying Equipment
Division 15 to 19 -- RESERVED FOR FUTURE EXPANSION
Facility Services Subgroup:
Division 20 -- RESERVED FOR FUTURE EXPANSION
Division 21 -- Fire Suppression
Division 22 -- Plumbing
Division 23 -- Heating Ventilating & Air Conditioning
Division 24 - RESERVED FOR FUTURE EXPANSION
Division 25 -- Integrated Automation
Division 26 -- Electrical
Division 27 -- Communications
Division 28 -- Electronic Safety & Security
Division 29 - RESERVED FOR FUTURE EXPANSION

(cont'd on next page)

Post 2004 Master Format with 50 Divisions (cont'd)

PROCUREMENT & CONTRACTING REQUIREMENTS GROUP:
SPECIFICATIONS GROUP:
Site & Infrastructure Subgroup:
Division 30 -- RESERVED FOR FUTURE EXPANSION
Division 31 -- Earthwork
Division 32 -- Exterior Improvements
Division 33 -- Utilities
Division 34 -- Transportation
Division 35 -- Waterway & Marine
Division 36 to 39 -- RESERVED FOR FUTURE EXPANSION
Process Equipment Subgroup:
Division 40 -- Process Integration
Division 41 -- Material Processing & Handling Equipment
Division 42 -- Process Heating, Cooling, & Drying Equipment
Division 43 -- Process Gas & Liquid Handling, Purification & Storage Equipment
Division 44 -- Pollution Control Equipment
Division 45 -- Industry-Specific Manufacturing Equipment
Division 46 -- Water & Wastewater Equipment
Division 47 -- RESERVED FOR FUTURE EXPANSION
Division 48 -- Electrical Power Generation
Division 49 -- RESERVED FOR FUTURE EXPANSION

Pre-2004 format with 16 Divisions

Division 1 -- General Requirements
Division 2 -- Sitework
Division 3 -- Concrete
Division 4 -- Masonry
Division 5 -- Metals
Division 6 -- Wood & Plastics
Division 7 -- Thermal & Moisture Protection
Division 8 -- Doors & Windows
Division 9 -- Finishes
Division 10 -- Specialties
Division 11 -- Equipment
Division 12 -- Furnishings
Division 13 -- Special Construction
Division 14 -- Conveying Systems
Division 15 -- Mechanical
Division 16 -- Electrical

Glossary & Abbreviations

A	
ABC	Associated Builders & Contractors
ABS	(acrylonitrile butadiene styrene) plastic pipe used for plumbing and other
AC	alternating current; electrical current which reverses direction at regular intervals due to a change in voltage which occurs at the same frequency.
A/C	air conditioning
accelerator	a concrete additive used to speed the curing time of freshly poured concrete
acoustical	refers to the study of sound transmission or features hung in buildings for aesthetic and sound reduction
adhesive	a bonding material used to join two materials together
AGC	Associated General Contractors of America
aggregate	a bonding material used to bond two materials together
AIA	American Institute of Architects
air handling unit (AHU)	a mechanical unite used for air conditionin or movement of air as in direct supply or exhaust of air within a structure
allowable load	maximum supportable load of any construction components
alternator	converts mechanical energy into electrical energy
AMP	ampere; electrical current unit
alloy steel	A misture of ordinary steel added to other metals besides carbon with the specific purpose of attaining certain characteristics such as higher strength. A few exceptions to this definition exist, however, so that a chromium content above 4% is not considered alloy steel and above 12% is considered stainless steel.
aluminum	The most abundant metal in the earth, aluminum is blueish and silvery-white, very light, malleable, and ductile with high heat and electrical conductivity. It is non-magnetic and 1/3 the weight of steel with good corrosion resistance against certain chemicals and acids but weak resistance against other elements such as sea water.
ambient temperature	the temperature of the surroundings
ampacity	the amount of current (measured in Amps) that a conductor can carry without overheating
ampere (A)	unit of current measurement; the amount of current that will flow through a one ohm resistor when one volt is applied
anchor bolt	a J or L shaped steel rod threaded on one end for securing structural members to concrete or masonry
anneal	To heat metal in order to lower its hardness. The term anneal refers to the heat treatment given all 300 series stainless and most 400 series stainless by a steel mill after the raw material has been completed but before fasteners are manufactured. Anneal also refers to the heat treatment given 400 series stainless fasteners after their maufacture (also called hardening and tempering) to lower hardness and increase toughness. For example, fasteners of 410 stainless may score over 200,000 psi after manufacture and be too brittle. By annealing at 1000 degrees F. tensile strength would decrease to 125,000-150,000 psi; annealing the same material to 500 degrees F. would bring tensile to 160,000-190,000 psi.
ANSI	American national Standards Institute
apprentice	one who is learning by practical experience under skilled workers a trade, art, or calling
arbor	an axle on which a cutting tool is mounted; it is a common term used in reference to the mounting of a cirucular saw blade
ASHRAE	American Society of Heating, Refrigerating, & Air-Conditioning Engineers
ASME	American Society of Mechanical Engineers
asphalt	the general term for a black material produced as a by-product of oil (asphalt) or coal (pitch or coal tar)
asphalt shingle	a composition-type shingle used on a roof and made of a saturated felt paper with ground-up pieces of stone embedded and held in place by asphaltum
ASTM	American Society for Testing & Materials
AWG	American wire gauge
B	
B	Byte
b	bit
backfill	any deleterious amterial (sand, gravel and so on) used to fill an excavation
battery	a device that converts chemical energy into electrical current
beam	a horizontal framing member; may be made of steel or wood; usually refers to a wooden beam at least 5" thick & at least 2" wider than it is thick
bearing wall	a wall having weight-bearing properties associated with holding up a building's roof or upper structure
bevel	a tool that can be adjusted to any angle; it helps make cuts at the number of degrees that is desired
brace	an inclined piece of lumber applied to a wall or ro roof rafters to add structural strength
brass	The most common alloy of copper, brass is about 2/3 copper, 1/3 zinc. It is non-magnetic with good strength and toughness, high electircal conductivity, and an attractive lustrous finish. It has good corrosion resistance but not in salt water. Brass is commonly used by the electrical and communications industries, builders hardware, and some marine applications.
BTU	British thermal unit; measure of power

Glossary & Abbreviations

building codes	rules & regulations which are formulated in a code by a local housing authority or governing body
building permits	a series of permits that must be obtained for building
C	
cable	one or more insulated or non-insulated wires used to conduct electrical curent
CAD	computer aided drafting
calcium chloride	a concrete admixture used for accelerating the cure time
carbon steel	Ordinary steel with no significant additions besides carbon.
casing	the trim that goes on around the edge of a door opening or window
CBC	California Building Code
caulk	any type of material used to seal walls, windows & doors to keep out the weather
cement	a material that when combined with water hardens from a chemical reaction; the basis for a concrete mix
cementitious	able to harden like cement
certificate of compliance	A certification that a fastener meets the description or standard to which it was sold.
CFM	cubic feet per minute; used to measure flow through HVAC systems & fans
chord	top or bottom member of a truss
circuit breaker	A device used to open and close a circuit by automatic means when a predetermined level of current flows through it.
CMU	concrete masonry unit
cold forming or cold working	When fasteners are produced without heating or small heat below the recrystallization temperature (so the raw material bond of stainless remains unchanged) by pressing metal wire against various dies at high speed to form a fastener's head or basic shape. Cold working causes an increase in tensile strength and hardness (known as work hardening) and a decrease in ductility.
concrete	a mixture of sand, gravel & cement in water
cross brace	wood or metal diagonal bracing used to assist in structural support between joists & beams
CSA	Canadian Standards Association
CU FT (ft^3)	cubic feet
CU IN (in^3)	cubic inches
CU YD (yd^3)	cubic yards
curtain wall	inside walls are often curtain walls; they don't carry loads from the roof or floor above them
D	
dado	a rectangular groove cut into a board across the grain
dampproofing	moisture protection; a surfacing used to coat and protect concrete and masonry from moisture penetration
DC	direct current; electrical current which flows in one direction only
DIA	diameter
DOD	Department of Defense
DOE	Department of Energy
ductility	The ability of a fastener to deform before breaking (for example, an elastic would be more ductile than a diamond). Ductility is a measurement similar to elongation.
ductwork	a system of pipes used to pass heated air along to all parts of a house; also used to distribute cold air for summer air conditioning
DWG	drawing
E	
E	east
EA	each
earthwork	excavating and grading
electromagnet	Coil of wire that exhibits magnetic properties when current passes through it.
elevation	an exterior or interior orthographic view of a structure identifying the design and the materials to be used
energy	The capacity to do work.
estimator	someone who gathers information to provide an estimate or quote for a project or item to be manufactured
EG	electro-galvanize
EIT	Engineer In Training
ELEC	electric, electrical
ELEV	elevation or elevator
EMG	Evergreen Marketing Group

Glossary & Abbreviations

F	
F593, F594	F593 is a specification for stainless hex head cap screws; F594 is for stainless steel nuts. Compared to regular stainless fasterners, F593 and F594 call for: a)tensile requirements about 20% higher than that of commercial 18-8 or stainless hex caps and nuts to MS specifications (MS35307-8, MS34649-50); b)both a minimum and a maximum tensile and hardness requirements while commercial and MS fasteners do not have a maximum; c)chemical requirements that are somewhat bizarre, eliminating many commonly used mixtures of 300 or 18-8 stainless while allowing others.
fascia	a flat board covering the ends of rafters on the cornice or eaves; eave troughs are usually mounted to the fascia board
fiber optics	A technology that uses light as a digital information carrier.
fire stop	a framing member used to reduce the ability of a fire's spread
firewall	any wall that is installed for the purpose of preventing the spread of fire
footcandle (fc)	The amount of light produced by a lamp measured in lumens divided by the areas that is illuminated
footing	the bottom-most member of a foundation; supports the full load of the structure above
foreman	a worker who supervises and directs other workers
form	a temporary construction member used to hold permanent materials in place
foundation	the base on which a house or building rests
FT	feet
fuse	A protective device with a fusible element that opens the circuit by melting when subjected to excessive current.
G	
GA	gauge
GALV	galvanized
galvanic corrosion	An accelerated degree of corrosion occurring when two different metals are in contact with moisture, particularly sea water. All metals have what is termed a specific electric potential, so that low level electric current flows from one metal to another. A metal with a higher position in the galvanic series will corrode sacrificially rather that one with a lower position, meaning stainless, for example, will corrode before gold. The further apart the metals on the chart, the more electric current will flow and the more corrosion will occur. No serious galvanic action will occur by combining the same metals, only dissimilar ones. To prevent galvanic corrosion, use insulation, paint or coatings when separating dissimilar metals; or put the metal to be protected next to a metal which is not important in the assembly, so it can corrode sacrificially.
galvanize	a coating of zinc primarily used on sheet metal
gauge	the thickness of metal or glass sheet material
GFCI	Ground fault circuit interrupter. An electrical device which protects personnel by detecting hazardous ground faults & quickly disconnects pwer from the circuit.
girder	a support for joists at one end; usually placed halfway between the outside walls and runs the length of the building
glu-lam (GLB)	glue-laminated beam made from milled 2x lumber bonded together to form a beam
grade	an existing or finished elevation in earthwork; a sloped portion of a roadway; sizing of gravel and sand; the structural classification of lumber
grade pins	steel rods driven into the ground at each surveyor's hub; a string is stretched between them at the grade indicated on the survey stakes, or a constant distance above the grade
green	uncured or set concrete or masonry; freshly cut lumber
grounding	The connection of all exposed non-current carrying metal parts to the earth.
ground fault	A condition in which current from a hot power line is flowing to the ground.
gusset	a triangular or rectangular piece of wood or metal that is usually fastened to the joint of a truss to strengthen it; used primarily in making roof trusses
gypsum	a chalk used to make wallboard; made into a paste, inserted between two layers of paper and allowed to dry; produces a plastered wall with certain fire-resisting characteristics
H	
heating element	A conductor wire that offers enough resistance to produce heat when connected to power.
HGT/HT	height
HDG	hot-dip galvanized
HP	horsepower; measure of power
HVAC	Heating, Ventilating and Air Conditioning. Term given to all heating and air conditioning systems; the mechanical portion of the CSI format, division 15
hydraulic cement	a cement that hardens under water; made by heating limestone and clay in a kiln and pulverizing the result
HWH	hot water heater
I	
IBC	International Building Code
ICC	International Code Council
ID	inside diameter
IN	inches
insulation	any material capable of resisting thermal, sound, or electrical transmission

Glossary & Abbreviations

ISO	International Organization for Standardization
J	
jam nut	A thinner nut that is "jammed" against another nut to prevent loosening.
joist	a structural horizontal framing member used for floor and ceiling support systems
journeyman	someone who completed an apprenticeship and was fully educated in a trade or craft, but not yet a master.
K	
key	a depression made in a footing so that the foundation or wall can be poured into the footing, preventing the wall or foundation from moving during changes in temperature or settling of the building
KG	kilogram; unit of weight
KM	kilometer; unit of distance
L	
ledger	structural framing member used to support ceiling and roof joists at the perimeter walls
level-transit	an optical device that is a combination of a level and a means for checking vertical and horizontal angles
LGTH	length
lithium ion	battery chemistry
live load	any movable equipment or personal weight to which a structure is subjected
load	the weight of a building
lumen	The unit used to measure the total amount of light produced by a light source.
M	
masonry	manufactured materials of clay (brick), concrete (CMU) and stone
mastic	an adhesive used to hold tiles in place; also refers to adhesives used to glue many types of materials in the building process
MAX	maximum
MECH	mechanical
mil	abbreviation for millimeters or million
mils	one thousandth of an inch
military specifications (MIL SPEC)	these are specifications that the military writes for the products it buys from the manufacturers
MISC	miscellaneous
moisture barrier	a material used for the purpose of resisting exterior moisture penetration
mortar	a concrete mix especially used for bonding masonry units
motor	A machine that develops torque on a shaft to produce work.
N	
N	north
NAWIC	National Association of Women in Construction
NEBS	National Electrical Building Standards
NEC	National Electrical Code; contains safety rules for all types of electrical installations.
NFPA	National Fire Protection Association
ni-cad	The nickel-cadmium battery (commonly abbreviated NiCd or NiCad) is a type of rechargeable battery using nickel oxide hydroxide and metallic cadmium as electrodes
nylon	Light and low in strength compared to metal fasteners, nylon is non-magnetic, good for insulation, and corrosion resistant against many chemicals.
O	
ohm	The unit of measurement of electrical resistance. One ohm of resistance will allow on ampere of current to flow through a pressure of one volt.
on center (OC)	the distance between the centers of two adjacent components
OD	outside diameter
overload protection	A device that prevents overloading a circuit or motor such as a fuse or circuit breaker.
P	
pad	in earthwork or concrete foundation work, the base materials used upon which to place the concrete footing and/or slab
parapet	an extension of an exterior wall above the line of the roof
partition	an interior wall separating two rooms or areas of building; usually non-bearing
PE	professional engineer or sometimes project engineer
penny	the unit of measure of the nails used by carpenters
PG	pre-galvanize
photovoltaic	Changing light into electricity.
pillar	a pole or reinforced wall section used to support the floor and consequently the building

Glossary & Abbreviations

plan view	a bird's eye view of a construction layout cut at 5' 0" above finish floor level
PLT	plate
PM	project manager
Portland cement	one variety of cement produced from burning various materials such as clay, shale, and limestone, producing a fine gray powder; the basis of concrete and mortar
post-tensioning	the application of stretching steel cables embedded in a concrete slab to aid in strengthening the concrete
purlin	a horizontal framing member spanning between rafters
PVC	polyvinyl chloride; a plastic material commonly used for pipe & plumbing fixtures
Q	
QTY	quantity
R	
R values	the unit that measures the effectiveness of insulation; the higher the number, the better the insulation qualities of the materials
rafter	in sloped roof construction, the framing member extending from the ridge or hip to the top plate
rebar	a reinforcement steel rod in a concrete footing
resistance	The opposition to the flow of current in an electrical circuit & is measured in Ohms.
S	
S	south
SAE	Society of Automotive Engineers
scaffolding	A temporary structure on the outside of a building, made of wooden planks and metal poles, used by workers while building, repairing, or cleaning the building.
schematic	a one-line drawing for electrical circuitry or isometric plumbing diagrams
scissor lift	
sealant	a material used to seal off openings against moisture and air penetration
seismic design	construction designed to withstand earthquakes
shear strength	Measured by the push or pull against the side of a fastener until the fastener breaks (for example, moving an object continually against the side of a screw that is protruding from a wall). As a rule of thumb, shear strength is two-thirds of tensile strength. Double sheer strength is applying a load against a fastener in two places causing the fastener to break into three pieces.
shear wall	a wall construction designed to withstand shear pressure caused by wind or earthquake
shoring	temporary support made of metal or wood used to support other components
sinker nail	a nail for laying subflooring; the head is sloped toward the shank but is flat on top
SPEC	specification
spreader	braces used across the top of concrete forms
SQ FT	square feet
SQ IN	square inches
SQ YD	square yards
STAFDA	Specialty Tools & Fasteners Distributors Association
stainless steel	With the addition of 12% chromium to iron, stainless steel is formed. The chromium protects the iron against most corrosion or red-colored rust; thus the term stainless steel. The ability of stainless to form a thin layer of protection on its outside surface, called a "passive film", is its most important characteristic is preventing corrosion.
STD	standard
string line	a nylon line usually strung tightly between supports to indicate both direction and elevation; used in checking grades or deviations in slopes or rises
structural steel	heavy steel members larger than 12 gauge identified by their shapes
strut	C-channel metal framing used in construction; comes in different configurations, gauges, and brands; typically used by sub-trades to hang piping and conduit
stud	the vertical boards (usually 2 x 4 or 2 x 6) that make up the walls of a building
T	
tamp	to pack tightly; usually refers to making sand tightly packed or making concrete mixed properly in a form to get rid of air pockets that may form with a quick pouring
tap	to put internal threads in a hole or in a nut
tensile strength	A common measure to compare the strength of a fastener. It is the load needed to pull the fastener apart.
torque	Torque is the force used in twisting, such as tightening a fastener. Torsion strength is the amount of force needed to twist a fastener apart. Both measures consider the amount of pressure applied to the fastener and the length of the wrench used in the application.
TYP	typical
U	
UL	Underwriters Laboratory

Glossary & Abbreviations

V	
V	volt; the unit of measurement of electrical pressure (force). One volt will force one ampere of current to flow through a resistance of one Ohm.
vapor barrier	the same as a moisture barrier
vibratory roller	a self powered or towed compacting device which mechanically vibrates while it rolls
W	
W	west
waterproofing	preferably called moisture protection; materials used to protect below- and on-grade construction from moisture penetration
water table	the amount of water that is present in any area; the moisture may be from rain or snow
WT/WGT	weight
Y	
YD	yard
yield	The resistance to a load pulling on the middle of a fastener until the fastener shows permanent deformation.
yield strength	The amount of pressure required to cause permanent deformity.
Z	
Z	zinc
zinc	non-corrosive metal used for galvanizing other metals

Conversions

Multiply	By	To Obtain
acres	43560	square feet
acres	0.001562	square miles
acre-feet	43560	cubic feet
BTU per hour	0.0002931	kilowatts
BTU per minute	0.01759	kilowatts
BTU per minute	0.02359	horsepower
bushels	1.244	cubic feet
centimeters	0.3937	inches
cubic centimeters	6.102 x 10^-6	cubic inches
cubic feet	0.02832	cubic meters
cubic feet	7.481	gallons
cubic feet	28.32	liters
cubic inches	16.39	cubic centimeters
cubic meters	35.31	cubic feet
cubic meters	1.308	cubic yards
cubic yards	0.7646	cubic meters
feet	30.48	centimeters
gallons	0.1337	cubic feet
gallons	231	cubic inches
gallons	0.003785	cubic meters
gallons	3.785	liters
gallons per minute	0.002228	cubic feet per sec
horsepower	2.544	BTU per minute
horsepower	550	foot-pounds per sec
horsepower	33000	foot-pounds per min
horsepower	1.014	horsepower (metric)
horsepower	10.7	kg calories per min
horsepower	0.7457	kilowatts
joules	0.0009478	BTU
joules	0.2388	calories
joules	10^7	ergs
joules	0.7376	foot-pounds
joules	2.778x10^-7	kilowatt-hours
joules	0.102	kilogram-meters
joules	1	watt-seconds
kilograms	2.205	pounds
kilometers	3281	feet
kilometers	0.6214	miles
kilowatts	56.87	BTU per minute
kilowatts	737.6	foot-pounds per sec
kilowatts	1.341	horsepower
liters	61.02	cubic inches
liters	0.2642	gallons
meters	3.281	feet
meters	39.37	inches
miles	5280	feet
miles	1.609	kilometers
ohms	10^-6	megohms
ohms	10^6	microhms
pounds of water	0.01602	cubic feet
pounds of water	0.1198	gallons
square feet	2.296X10^-5	acres
square feet	0.0929	square meters
square inches	6.452	square centimeters
square miles	640	acres
square miles	2.59	square kilometers
tons (long)	2240	pounds
tons (metric)	2205	pounds
tons (short)	2000	pounds
watts	0.05686	BTU per minute
watts	44.26	foot-pounds per min
watts	0.001341	horsepower
watts	14.34	calories per min

Fractions / Decimals / Millimeters

Fraction (in)	Decimal (in)	Millimeters
1/64	0.015625	0.397
1/32	0.031250	0.794
3/64	0.046875	1.191
1/16	0.062500	1.588
5/64	0.078125	1.984
3/32	0.093750	2.381
7/64	0.109375	2.778
1/ 8	0.125000	3.175
9/64	0.140625	3.572
5/32	0.156250	3.969
11/64	0.171875	4.366
3/16	0.187500	4.763
13/64	0.203125	5.159
7/32	0.218750	5.556
15/64	0.234375	5.953
1/ 4	0.250000	6.350
17/64	0.265625	6.747
9/32	0.281250	7.144
19/64	0.296875	7.541
5/16	0.312500	7.938
21/64	0.328125	8.334
11/32	0.343750	8.731
23/64	0.359375	9.128
3/ 8	0.375000	9.525
25/64	0.390625	9.922
13/32	0.406250	10.319
27/64	0.421875	10.716
7/16	0.437500	11.113
29/64	0.453125	11.509
15/32	0.468750	11.906
31/64	0.484375	12.303
1/ 2	0.500000	12.700
33/64	0.515625	13.097
17/32	0.531250	13.494
35/64	0.546875	13.891
9/16	0.562500	14.288
37/64	0.578125	14.684
19/32	0.593750	15.081
39/64	0.609375	15.478
5/ 8	0.625000	15.875
41/64	0.640625	16.272
21/32	0.656250	16.669
43/64	0.671875	17.066
11/16	0.687500	17.463
45/64	0.703125	17.859
23/32	0.718750	18.256
47/64	0.734375	18.653
3/ 4	0.750000	19.050
49/64	0.765625	19.447
25/32	0.781250	19.844
51/64	0.796875	20.241
13/16	0.812500	20.638
53/64	0.828125	21.034
27/32	0.843750	21.431
55/64	0.859375	21.828
7/ 8	0.875000	22.225
57/64	0.890625	22.622
29/32	0.906250	23.019
59/64	0.921875	23.416
15/16	0.937500	23.813
61/64	0.953125	24.209
31/32	0.968750	24.606
63/64	0.984375	25.003

Types of Fire Extinguishers

Today they are virtually standard equipment in a business or residence and are rated by the make up of the fire they will extinguish.

Type A To extinguish fires involing trash, cloth, paper & other wood or pulp based materials. The flames are put out by water based ingredients or dry chicals.

Type B To extinguish fires involving greases, paints, solvents, gas & other petroleum based liquids. The flames are put out by cutting off oxygen & stopping the release of flammable vapors. Dry chemicals, foams & halon are used.

Type C To extinguish fires involving electricity. The combustion is put out the same way as with a type B extinguisher, but, most importantly, the chemical in a type C must be non-conductive to electricity in order to be safe and effective.

Type D To extinguish fires involving combustible metals. Please be advised to obtain improtant information from your local fire deparment on the requirements for type D fire extinguishers for your area.

Any combination of letters indicate that an extinguisher will put out more than one type of fire. A type BC will put out two types of fires. The size of the fire to be extinguished is shown by a number in front of the letter such as 100A.

Here are some basic guidelines to follow:

- By using a type ABC you will cover most basic fires.
- Use fire extinguisher with a gauge & ones that are constructed with metal. Also note if the unit is UL approved.
- Utilize more than one extinguisher & be sure that each unit is mounted in a clearly visible & accessible manner.
- After purchasing any fire extinguisher always review the bsic instructions for its intended use. Never deviate from the manufacturers' guidelines. Following this simple procedure could end up saving lives.

Decibel Levels of Sounds

The definition of sound intensity is energy transmitted per one second over a square centimeter surface. Sounds are measured in decibels. A decibel (db) change of 1 is the smallest change detected by humans.

Hearing Intensity	Decibel Level	Examples of Sounds
Barely Audible	0	Dead silence
		Audible hearing threshold
	10	Room (sound proof)
Very Light	20	Empty auditorium
		Ticking of a stopwatch
		Soft whispering
Audible light	30	People talking quietly
	40	Quiet street noise without autos
Medium	45	Telephone operator
Loud	50	Fax machine in office
	60	Close conversation
Loud	70	Stereo system
		Computer printer
	80	Fire truck/ambulance siren
		Cat/dog fight
Extremely Loud	90	Industrial machinery
		High school marching band
Damage possible	100	Heavy duty grinder in a
		machine/welding shop
Damaging	100+	Begins ear damage
	110	Diesel engine of a train
	120	Lightining strike
		60 ton metal forming factory press
	130	60 in fan in a bus vacuum system
	140	Commercial/military jet engine
Ear Drum	194	Space shuttle engines
shattering	225	16 in guns on a battleship

Sound Awareness & Safety

The typical range of human hearing is 30 hertz - 15000 hertz. Human hearing recognizes an increse of 20 decibels, such as a stereo sound level increase, as being four times as loud at the higher level than it was at the lower level.

Awareness in Human Hearing	Decibel Change
Noticeabley louder	10
Easily audible	5
Faintly audible	3

Hearing Protection Levels

Because of the Occupational Safety & Healt Act of 1970, hearing protection is mandatory if the following time exposures to decibel levels are exceeded because of possible damage to human hearing.

Decibel Level	Time Exposure per Day
115	15 min
110	30 min
105	1 hr
102	1 1/2 hr
100	2 hr
97	3 hr
95	4 hr
92	6 hr
90	8 hr

1503 E Riverside
PO Box 3437
Spokane WA 99220
(509) 535-9841 – phone
(509) 534-3139 – fax

APPLICATION FOR CREDIT

Acct #
Credit Limit
Class Branch #
Sales Rep # ER

Company Name Credit Limit Requested
Mailing Address Phone ( )
Street City State Zip
Business Address Phone ( )
Street City State Zip
Business License # Federal ID # Fax ( )
E-mail Address
Contractors Bond # Type of Business:
Bond Company If in Oregon CBC #
Type of Business ☐ Corporation ☐ Partnership ☐ Individual ☐ Government

As Applicable, List name(s) and Address(es) or Corporate Officers, Partners, or Owners:

Name Social Security #
Please print
Home Address Phone ( )
Street City State Zip
Name Social Security #
Please print
Home Address Phone ( )
Street City State Zip
Name Social Security #
Please print
Home Address Phone ( )
Street City State Zip
Name of Person Responsible for Accounts Payable
Date Business Established # of Employees
# of Years at Present Location
Name of Bank Branch Checking Acct #
Have You Ever Filed Bankruptcy? ☐ No ☐ Yes
Under What Name? Date

Which Edge Construction Supply branch do you most often do business with?

☐ Billings ☐ Boise ☐ Eugene ☐ Gillette
☐ Idaho Falls ☐ Medford ☐ Spokane ☐ Yakima

*If out of town contractor, what local job
Local Job Address
Street City State Zip
Local Job phone / Pager # Fax #
Local Job Contact

Trade References:

(Must include complete address with zip code, area code and phone number)

Company _____ Phone ( ) _____

Address _____ Fax ( ) _____

Street City State Zip

Company _____ Phone ( ) _____

Address _____ Fax ( ) _____

Street City State Zip

Company _____ Phone ( ) _____

Address _____ Fax ( ) _____

Street City State Zip

Account Agreement

In accordance with the Fair Credit Reporting Act, Public Law 9-508, Edge Construction Supply, ("Edge") may contact any banks and trade references and make all other credit inquiries it deems necessary and applicant authorizes the release of information to Edge. The information in the application is true and correct. Parties hereby agree that all purchases made are subject to the following terms and conditions as well as any terms and conditions stated on the invoices.

1. All sales will be C.O.D. until credit application is approved.
2. The undersigned applicant agrees that the terms of sale are net 30 days. If applicant fails to pay any invoices when due, applicant agrees to pay a late charge of 1½% per month or the maximum rate allowed by law, on any past due balance. Amounts are paid when Edge physically receives them, and not when they are deposited in the mail. If any amount owing to Edge is not paid when due, Edge may at its option: place the account on a cash basis, terminate any unfilled orders or discontinue any deliveries until all past-due payments are made and adequate assurance of applicant's financial ability is received.
3. In case of default in relation to this agreement, the undersigned shall be responsible for all costs of collection, court costs, and/or attorney fees.
4. The undersigned applicant is obligated to pay for all goods purchased regardless of whether the applicant receives any payments due him for the subsequent sale of the goods. Invoices are not payable in installments, but are payable in full as stated in paragraph (2) above.
5. The undersigned applicant agrees to notify in writing any discrepancies in billing within 10 days of receipt of the invoice or statement. Applicant further agrees to notify Edge, of any defects, overstock, damages, non-conforming goods, or any other reason that would cause applicant to reject goods shipped by Edge within 7 business days of receipt of goods. Applicant's sole and exclusive remedy is replacement of the non-conforming goods or refund of the applicant's payment at Edge's sole option.
6. Edge may apply payments in its sole discretion unless applicant clearly indicates how funds are to be applied.
7. If applicant is a sole proprietorship or partnership, I (we) agree that in the event of incorporation, all terms of the agreement will apply to the corporation, including applicant's personal guarantee, unless applicant expressly notifies holder otherwise. Applicant shall notify seller at least 30 days prior to any change in its business structure, including the conversion from sole-proprietorship or partnership to a Corporation or Limited Liability Company ("LLC"). Notification shall be made in writing and mailed to the corporate offices of Edge Construction Supply, PO Box 3437, Spokane, WA 99220 by certified mail.
8. Any change in applicant's business structure shall not affect applicant's obligations under this agreement unless Edge agrees otherwise in writing. Applicant cannot transfer or assign the account relationship without Edge's prior written consent.

By signing here you agree to the terms on behalf of the applicant, which may be you.

Signature _____ Title _____

Print Name _____ Date _____

Signature _____ Title _____

Print Name _____ Date _____

CONTINUING PERSONAL GUARANTEE

To induce Edge Construction Supply Inc., to extend credit to the above named applicant and in consideration thereof, the undersigned, and if more than one, each of them jointly and severally, unconditionally personally guarantee the obligations of applicant to Edge including but not limited to the prompt payment of all present and future indebtedness, whether secured or unsecured and regardless of how the indebtedness is represented or incurred. The undersigned consents to any extension or alteration of any obligation and guarantees such without prior notice, demand or pursuit of remedies against the party primarily liable. This shall be an open, unlimited and continuing guarantee in effect until the undersigned has notified the creditor in writing of its cancellation, even in the event that applicant shall incorporate, but such cancellation shall not alter any obligation of the undersigned arising hereunder prior to receipt of such written notice. The undersigned further agrees to pay all reasonable costs, expenses, and attorney's fees incurred in the enforcement of this continuing guarantee, or in the enforcement of any obligation as a result of the extension of credit including but not limited to the collection of any past due indebtedness whether or not suite is filed. This agreement shall bind the heirs and personal representatives of the undersigned.

Further, the undersigned hereby consent(s) to Edge's use of a non-business consumer credit report on the undersigned in order to further evaluate the credit worthiness of the undersigned as principal(s), proprietor(s) and/or guarantor(s) in connection with the extension or continuation of the business credit as contemplated by this credit application. The undersigned hereby authorize(s) Edge to utilize a consumer credit report on the undersigned from time to time in connection with the extension or continuation of the business credit represented by the credit application. The undersigned as [an] individual(s) hereby knowingly consent(s) to the use of such credit report consistent with the Federal Fair Credit Reporting Act as contained in 15.U.S.C @ 1681 et seq.

By signing here you are agreeing to be a personal guarantor.

I personally guarantee payment of this account as set forth above on behalf of my marital community.

Signature _____ Title

Print Name Date

I personally guarantee payment of this account as set forth above on behalf of my marital community.

Signature _____ Title

Print Name Date

YOU MUST COMPLETE AND SIGN THIS TAX EXEMPTION CARD TO AVOID BEING TAXED ON YOUR PURCHASES.

RESALE CERTIFICATE

1. Name of Seller
2. Name of Buyer
3. Address of Buyer
4. Buyer's UBI/Revenue Registration Number
5. Buyer is in the business of
6. Type of items purchased for resale
7. I certify that I am purchasing the items listed on line 6 for resale in the regular course of business without intervening use.
8. I acknowledge that I am solely responsible for purchasing within the categories listed on line 6.
9. I acknowledge that misuse of the resale privilege claim by use of this certificate subjects the buyer to a penalty of 50 percent of the tax due, in addition to the tax, interest, and any other penalties imposed by the law.
10. Signature _____
11. Print name
12. Date

Do you require purchase orders?

☐ Yes ☐ No

Do you wish to accept backorders?

☐ Yes ☐ No

Do you wish to have prices printed on your sales orders?

☐ Yes ☐ No

Do you require monthly statements?

☐ Yes ☐ No

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USER BENEFITS:

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- PERFORMANCE
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- QUALITY
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- KNOWLEDGE
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406-248-7269 (fax)

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800-528-5118
208-377-0158
208-377-0978 (fax)

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208-522-7082
208-529-5456 (fax)

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800-944-0165
541-342-3641
541-343-1753 (fax)

GILLETTE
800-670-6851
307-682-8522
307-682-8576 (fax)

MEDFORD
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541-779-0187
541-773-4599 (fax)

YAKIMA
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509-575-4696 (fax)

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