



1857—**YEARS**—2017

USA MANUFACTURING



SERVING ELECTRICAL • DATA COM • HVAC  
TELECOM • UTILITY • HEAVY INFRASTRUCTURE  
STEEL AND CONCRETE CONSTRUCTION

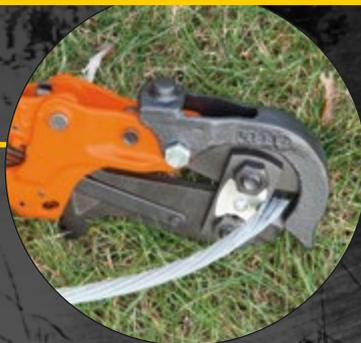
[WWW.KLEINTOOLS.COM](http://WWW.KLEINTOOLS.COM)

# WHAT'S NEW for 2017



## HEAVY-DUTY RATCHETING BOLT CUTTER

One smooth and easy cut does it all  
pg. 43



## DUAL LASER INFRARED THERMOMETER

Professional thermometer that offers a wide measurement range  
pg. 218

## MULTI DRIVERS

4-in-1 Electronics, 3 different 15-in-1 and 6-in-1 Ratcheting Stubby  
pgs. 70-72, 235



## POCKET KNIVES

Drop-point knife, Camo tanto-style knife, and Electrician's knife  
pg. 249



## PLIERS

with tether ring  
pgs. 8, 10-12



## HEX HEAD SCREWDRIVER

2-in-1 flip feature to drive the other size  
pgs. 68, 235



## CABLE SKINNING UTILITY KNIFE

with replaceable blade, no sharpening required  
pg. 255



## TOOL TETHER

Triple Locking Carabiner  
pg. 300



## MAGNETIC LEVEL

with tether ring  
pg. 117



## SPEAKER

Wireless Bluetooth  
pg. 224



## 9" DIAGONAL PLIERS

Extra long handles; 69% more cutting power  
pg. 12



## JOURNEYMAN GLOVES

Wire Pulling High Dexterity Touchscreen Cut 5 Resistant Leather Utility  
pg. 138



## ROUND BAR AND ERECTION WRENCHES

with tether hole  
pg. 299, 301



## DIGITAL CLAMP METER

High-Visibility OLED Display

pgs. 209



Patent Pending

## MAGNET TRACK

**ULTRA**  
POWERFUL  
Rare-Earth Magnets



## HIGH-VISIBILITY, ALUMINUM LEVELS

Billet Aluminum, Lighted, and Accu-Bend™  
4 and 1 vial

pgs. 116-117



## TAPE MEASURES

Uncluttered, easy-to-read  
bold lines every 1/8" pg. 118



## LASER DISTANCE MEASURER

Length, Area, Volume, and Indirect  
measurements up to 65 ft. (19.8 m)  
pg. 119



## ILLUMINATION

Inspection Penlight with Laser,  
Flashlight with Worklight  
pgs. 226-227



## TRADESMAN PRO™

### Tablet Backpack

pg. 167



### High-Visibility Tool Bags

pgs. 166, 169, 171



### Knife Holder

pg. 157



### Maintenance Pouch

pg. 156



### Padded Tool Belt

pg. 157



### 4-Pocket Tool Apron

pg. 156



### Soft Cooler

pg. 172



### 6-Pocket Tool Pouch

pg. 156



### 15-Pocket Tool Pouch

pg. 155



### 9-Pocket Tool Pouch

pg. 155



### Knee Pads

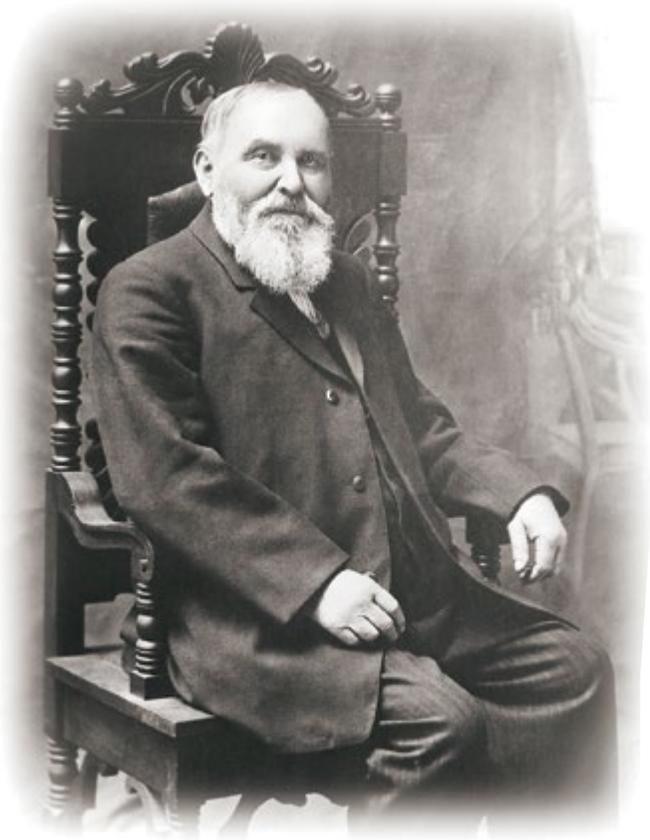
pg. 135



<p><b>Klein Pliers</b> ..... Pages 5–21</p> <p><b>Journeyman™ Series</b> ..... Pages 22–26</p> <p><b>Telecom Tools</b> ..... Pages 27–30</p> <p><b>Strippers, Cutters &amp; Crimpers</b> ..... Pages 31–37</p> <p><b>Cable &amp; Bolt Cutters</b> ..... Pages 38–44</p> <p><b>Insulated Tools</b> ..... Pages 45–58</p> <p><b>Screwdrivers, Nut Drivers &amp; Accessories</b> ..... Pages 59–88</p> <p><b>Power Tool Accessories</b> ..... Pages 89–91</p> <p><b>Wrenches</b> ..... Pages 92–106</p> <p><b>Hex-Key Wrenches</b> ..... Pages 107–114</p> <p><b>Levels &amp; Measuring Tools</b> ..... Pages 115–120</p> <p><b>Wire Pulling and Conduit Tools</b> ..... Pages 121–132</p> <p><b>Personal Protective Equipment &amp; Safety Products</b> ..... Pages 133–142</p> <p><b>Tool Pouches, Carriers, Belts &amp; Suspenders</b> ..... Pages 143-164</p> <p><b>Tool Bags &amp; Storage</b> ..... Pages 165-180</p> <p><b>Tool Kits</b> ..... Pages 181-186</p>	<p><b>Voice/Data/Video Tools, Test Tools, Kits &amp; Connectors</b> ..... Pages 187-206</p> <p><b>Electrical Test &amp; Measurement</b> ..... Pages 207-224</p> <p><b>Illumination</b> ..... Pages 225-227</p> <p><b>Sheet Metal Tools/HVAC</b> ..... Pages 228-236</p> <p><b>Holemaking Products &amp; Accessories</b> ..... Pages 237-244</p> <p><b>Saws &amp; Blades</b> ..... Pages 245-247</p> <p><b>Knives &amp; Cutting Tools</b> ..... Pages 248-258</p> <p><b>Canvas Buckets &amp; Lineman Accessories</b> ..... Pages 259-265</p> <p><b>Block &amp; Tackle</b> ..... Pages 266-270</p> <p><b>Wire Pulling Grips</b> ..... Pages 271-291</p> <p><b>Hammers, Chisels &amp; Punches</b> ..... Pages 292-296</p> <p><b>Steel &amp; Concrete Construction Tools - Work@Height</b> ..... Pages 297-301</p> <p><b>Mining &amp; Heavy Industry Tools</b> ..... Pages 302-309</p> <p><b>Warnings &amp; Warranty</b> ..... Pages 310-311</p> <p><b>Alphabetical &amp; Numeric Indexes</b> ..... Pages 312-331</p>
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Klein Tools was founded in 1857 by an industrious German immigrant, Mathias Klein, who began in the hand tool business when a broken side-cutting pliers was brought to his forge shop by a telegraph lineman. Mathias repaired the pliers by forging and finishing a new half for the tool and riveting it to the old half. Soon the lineman returned because the other original half of the pliers had broken and needed replacement. Mathias forged and finished the second half of the pliers and riveted it to the other replacement half – creating the first complete Klein pliers.

To this day, Klein Tools is proudly owned and managed by the Klein family. Over 155 years of hard work and dedication has earned Klein the reputation of supplying only the finest quality products for users of professional hand tools, Test and Measurement and occupational protective equipment.



## Committed to American Manufacturing, Since 1857

For over 155 years Klein Tools has remained dedicated to professional tradesmen worldwide, with a commitment to manufacturing the world’s finest hand tools right here in America.



**Mansfield • TX**



**Lincolnshire • IL**



**Cedar Rapids • IA**



**Elk Grove • IL**



**Fort Smith • AR**



**Bolivar • NY**

## The Professional Difference

These days, it can be hard to find companies that make products you can count on. But that's exactly what you'll get from Klein Tools.

We don't just make great products, we make great products that stand up to the demands of the professionals who use them everyday. Because our standards are as high as yours, we demand that every one of our hand tools delivers all the performance, durability and precision that you need to get the job done right.

And by using only the highest quality materials, superior workmanship, and keeping our manufacturing as close to home as we can, we're able to uphold those rigorous standards.

Klein isn't just the name of our company, it's also our family name, so we have to be proud of everything we make. And since we're an American company that's been family-owned and family-run, since 1857, you know you can count on us to be here tomorrow.

Just pick up a Klein tool and you'll know what all the professionals know...when you buy a Klein, it'll never let you down.

***That's why we're the #1 choice  
of professional electricians in the U.S.***



# Klein Pliers

Klein specializes in the making of the world's finest pliers... pliers that professionals trust completely. Klein pliers feel right and work right. They are job-matched for every kind of work you do; designed and built to exceptional quality standards in a tradition that dates back to 1857.



For Professionals...  
Since 1857™

## Introduction – Pliers

### Klein Quality

Klein pliers are made of the finest U.S. steel alloy. They are forged, precision machined, hardened, and carefully tempered for maximum strength. Klein pliers provide exceptional performance and durability.

All pliers mating surfaces and dimensions are precision machined for faultless performance. Pliers halves are precision machined and hot riveted for uniformly smooth opening and closing action. Cutting knives are manufactured for long-lasting edges and perfect alignment.

The cutting knives on all Klein pliers are designed to meet according to the way each is used. Side-cutting and long-nose pliers with side cutters have knives that meet at

the hinge first and then meet at least one-half of the knife length. Diagonal-cutting pliers meet at the tip first and then meet at least one-half of the knife length.

These precise knife-closing designs increase knife life and facilitate resharpenering.

Klein pliers are individually adjusted to meet performance standards far exceeding application requirements – ensuring that nothing less than outstanding quality ever carries the Klein name.

### Using Pliers

A professional knows all the rules about using pliers, but a review of the following points may help you recall any you may have forgotten.

- 1. Never use pliers to do another tool's job.** Pliers should not be used as a hammer or pry tool or a wrench. Using pliers instead of the proper tools risks damaging the work, damaging yourself, and losing time.
- 2. Never push pliers beyond their capacity.** Bending stiff wire with light pliers or the tip of needle-nose pliers can spring them or break them. Use a stronger, blunt-nose pliers. When you need greater leverage, use pliers with greater leverage. Don't extend the length of the pliers handles. Bolts should be cut with a bolt cutter, and large cable with a cable cutter.
- 3. Never expose pliers to excessive heat.** Direct flame on metal can ruin the tool. Cutting pliers are especially vulnerable to high, direct heat.
- 4. Never cut hardened wire with ordinary pliers.** Pliers should not be used for cutting hardened wire unless they are specifically recommended for this use.
- 5. Never rock pliers from side to side when cutting wire...and never bend the wire back and forth against the cutting knives.** Either practice can dull or nick the cutting

edges. Cut wire at a right angle only. If it won't cut readily, the knives may need sharpening, or you may need pliers with greater leverage.

**6. Never cut any wire or metal unless your eyes are protected. Goggles or other protective devices are an absolute must. Don't take shortcuts. Operate safely...the professional way.**

**7. Never cut any wire or metal unless your fellow workers' eyes are also protected.** The wire that doesn't get you may get someone else. Think about the "other guy" as well as yourself.

**8. Never depend on plastic-dipped handles to insulate you from electricity.** Plastic-dipped and Journeyman™ handles are intended for comfort and a firmer grip only. They are not intended for protection against electric shock. Never use any pliers or cutting tools on live electrical circuits. Only use insulated tools that are marked with the official international 1000-volt rating symbol if there is any chance that the tool will make contact with an energized source.

### Pliers Catalog Number Prefixes/Suffixes

"D" (Prefix) – Indicates the pliers have plastic-dipped handles. Plastic-dipped handles are for comfort, NOT for protection against electrical shock.

"HD" (Prefix) – Indicates the pliers have heavy-duty plastic-dipped handles. Heavy-duty plastic-dipped handles provide an extra level of user comfort and are NOT for protection against electrical shock.

"J" (Prefix) – Indicates the pliers have Journeyman™ handles. State-of-the-art dual material molding that allows for a softer, more comfortable grip on the outer surface and a harder, more durable grip on the inner surface and handle ends.

"C" (Suffix) – Indicates the pliers have a coil spring in the handles for self-opening action.

### Pliers Cutting Edges

Knife-edge descriptions refer to the angle of the outside cutting edges of the knives when fully closed.

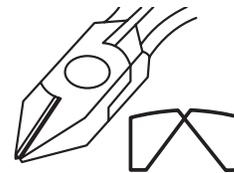
#### Standard Cutting Edges

Cuts hard wire. Found on all Klein side cutters, long nose, and on most diagonal-cutting pliers.



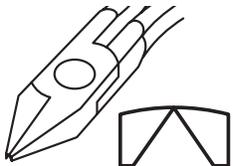
#### Semi-Flush Cutting Edges

Closely cuts medium wire. Found on select Klein diagonal cutting pliers.



#### Full-Flush Cutting Edges

Close, flat cutting of soft wire only. Found on select diagonal-cutting pliers.





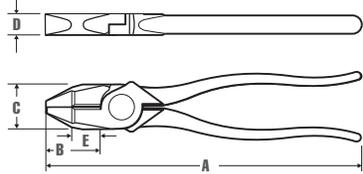
## Introduction – Pliers

### Pliers Dimensions

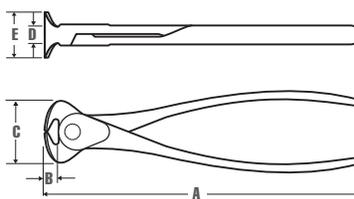
All Klein pliers are listed with necessary dimensions in both inches and millimeters. The following drawings of six basic types of pliers are keyed by letter to the dimensions given for each pliers listed. All dimensions are subject to commercial tolerances.

- |                           |                            |
|---------------------------|----------------------------|
| <b>A</b> – Overall Length | <b>D</b> – Jaw Thickness   |
| <b>B</b> – Jaw Length     | <b>E</b> – Knife Length    |
| <b>C</b> – Jaw Width      | <b>F</b> – Point Thickness |

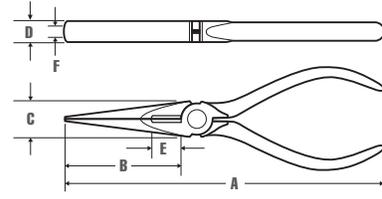
#### 1. Side-Cutting Pliers



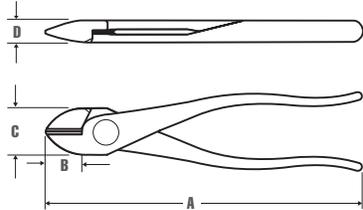
#### 3. End Cutting Pliers



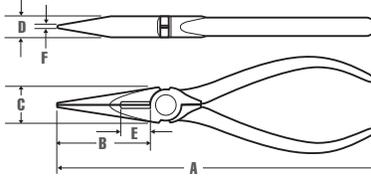
#### 5. Flat-Nose and Duck-Bill Pliers



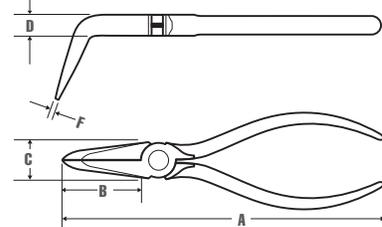
#### 2. Diagonal-Cutting Pliers



#### 4. Long-Nose Pliers



#### 6. Curved-Nose Pliers



Pliers dimensions shown are accurate within accepted commercial tolerances, which allow slight variations that normally result from forging and grinding operations.

## FORGED STEEL

from Klein's US-made, proprietary blend

## Side-Cutting Pliers

"Handform" handles for full gripping and cutting power

Plastic-dipped handles† for comfort and ease of identification

Unique handle tempering helps absorb the "snap" when cutting wire

Hot-riveted joint ensures smooth action and no handle wobble

Induction hardened cutting knives for long life

Sure-gripping cross-hatched knurled jaws

Precision-hardened plier head for on-the-job toughness



2000 series pliers available.

Cuts ACSR, screws, nails, and most hardened wire

**JOURNEYMAN**

†Journeyman™ pliers available. State-of-the-art, dual-material handles provide a better grip without sacrificing tool strength or durability



See page 310 for additional information on warnings.



## Side-Cutting Pliers

### High-Leverage Side-Cutting Pliers - Heavy-Duty Cutting

2000 series

**Additional Features:**

- Cuts ACSR, screws, nails and most hardened wire
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design
- Features combination polished and black-oxide finish
- Cat. No. D2000-9NEGLW feature glow in the dark grips to easily locate your tool in dark or low lit areas



D2000-9NE



Glow in the Dark Grips

D2000-9NEGLW

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D2000-7	New England	7-7/8" (200.0 mm)	1-9/32" (32.5 mm)	1-1/32" (26.2 mm)	1/2" (12.7 mm)	3/4" (19.1 mm)	Plastic-Dipped	Royal Blue	10.6 oz. (299 g)
D2000-8	New England	8-11/16" (220.7 mm)	1-7/16" (36.5 mm)	1-7/64" (28.2 mm)	5/8" (15.9 mm)	3/4" (19.1 mm)	Plastic-Dipped	Royal Blue	13.6 oz. (386 g)
D2000-9NE	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.1 lbs. (0.50 kg)
D20009NEGLW	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Glow	1.1 lbs. (0.50 kg)
HD2000-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Heavy-Duty, Oversized, Plastic-Dipped	Light Red	1.2 lbs. (0.54 kg)
<b>Journeyman™ 2000 Series – Dual-material handles</b>									
J20008	New England Tapered	8-13/16" (223.8 mm)	1-7/16" (36.5 mm)	1-7/64" (28.2 mm)	5/8" (15.9 mm)	3/4" (19.1 mm)	Journeyman	Light Blue/Black	14.9 oz. (422 g)
J2000-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)

Refer to the insulated section for insulated pliers.

### High-Leverage Side-Cutting Pliers

**Additional Features:**

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design
- D213-9NETT has split tether ring for use with tether device



D213-9NE

**NEW!**



D213-9

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
213-9NE	New England	9-1/4" (235.0 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plain	—	1.1 lbs. (0.50 kg)
D213-9	Square	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
D213-8NE	New England	8-11/16" (220.7 mm)	1-7/16" (36.5 mm)	1-3/16" (30.2 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Plastic-Dipped	Dark Blue	14.4 oz. (408 g)
D213-9NE	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic Dipped	Dark Blue	1.1 lbs. (0.50 kg)
D213-9NETT <b>NEW!</b>	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic Dipped	Dark Blue	1.1 lbs. (0.50 kg)
HD213-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Heavy-Duty, Oversized, Plastic-Dipped	Light Red	1.2 lbs. (0.54 kg)
<b>Journeyman™ Series – Dual-material handles</b>									
J2138NE	New England	8-13/16" (223.8 mm)	1-7/16" (36.5 mm)	1-3/16" (30.2 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Journeyman	Dark Blue/Black	15.5 oz. (439 g)
J213-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Dark Blue/Black	1.1 lbs. (0.50 kg)

Refer to the insulated section for insulated pliers.





## Side-Cutting Pliers

### High-Leverage Side-Cutting Pliers - Fish Tape Pulling

**Additional Features:**

- Easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design
- Cat. No. J2000-9NECRTP crimps non-insulated connectors, lugs, and terminals



D213-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D213-9NETP	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
<b>Journeyman™ Series – Dual-material handles</b>									
J213-9NETP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Dark Blue/Black	1.1 lbs. (0.50 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NETP	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.1 lbs. (0.50 kg)
<b>Journeyman™ 2000 Series* – Dual-material handles</b>									
J2000-9NETP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)
J2000-9NECRTP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Blue/Black	1.1 lbs. (0.50 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

### High-Leverage Side-Cutting Pliers - Lineman's Bolt-Thread Holding

**Additional Features:**

- Hinge opening holds and cleans 5/8" pole line and hardware bolts or threaded rods
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design



D213-9NETH

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D213-9NETH	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
HD213-9NETH	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Heavy-Duty, Oversized, Plastic-Dipped	Light Red	1.2 lbs. (0.54 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NETH	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.2 lbs. (0.54 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

### High-Leverage Side-Cutting Pliers - Connector Crimping

**Additional Features:**

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals
- Cat. No. J213-9NECRN cleanly strips 10 and 12 solid AWG wire and 12 and 14 stranded wire
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design



D213-9NECR

J213-9NECRN

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D213-9NE-CR	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Yellow	1.0 lbs. (0.45 kg)
<b>Journeyman™ Series – Dual-material handles</b>									
J213-9NECR	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Yellow/Black	1.1 lbs. (0.50 kg)
J2139NECRN	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Yellow/Black	1.1 lbs. (0.50 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NECR	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.1 lbs. (0.50 kg)
<b>Journeyman™ 2000 Series* – Dual-material handles</b>									
J2000-9NECR	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish. Refer to the insulated section for insulated pliers.



## Side-Cutting Pliers

### Side-Cutting Pliers

**Additional Features:**

- Streamlined design



D201-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
<b>Streamlined Design</b>									
D201-7NE	New England	7-7/16" (188.9 mm)	1-9/32" (32.5 mm)	1-1/16" (27.0 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plastic-Dipped	Dark Blue	8.8 oz. (249 g)
D201-8NE	New England	8-11/16" (220.7 mm)	1-7/16" (36.5 mm)	1-3/16" (30.2 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Plastic-Dipped	Dark Blue	14.7 oz. (417 g)
D201-9NE	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
<b>Square Nose</b>									
D201-8	Square	8-11/16" (220.7 mm)	1-7/16" (36.5 mm)	1-7/32" (31.0 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Plastic-Dipped	Dark Blue	14.9 oz. (422 g)
D201-9	Square	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)

### High-Leverage Universal Combination Pliers

**Additional Features:**

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Toothed pipe-grip for greater gripping power



12098

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
12098	Universal	8-5/8" (219.1 mm)	1-25/32" (45.2 mm)	1-1/32" (26.2 mm)	17/32" (13.5 mm)	3/4" (19.1 mm)	Plastic-Dipped	Dark Blue	11.5 oz. (327 g)
<b>Journeyman™ Series – Dual-material handles</b>									
J12098	Universal	8-3/4" (222.3 mm)	1-25/32" (45.2 mm)	1-1/32" (26.2 mm)	17/32" (13.5 mm)	3/4" (19.1 mm)	Journeyman	Dark Blue/Black	13.1 oz. (371 g)

Refer to the insulated section for insulated pliers.

### Ironworker's Work Pliers

**Additional Features:**

- Twists and cuts soft annealed rebar tie wire
- Cat. Nos. 213-9ST, D213-9ST and D20009ST feature high-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Hook bend handle
- Spring-loaded action for self-opening
- Cat. Nos. 213-9ST, D213-9ST and D2000-9ST feature heavy-duty knurled jaws
- D201-7CSTT and D213-9STT has split tether ring for use with tether device



**NEW!**



D201-7CST

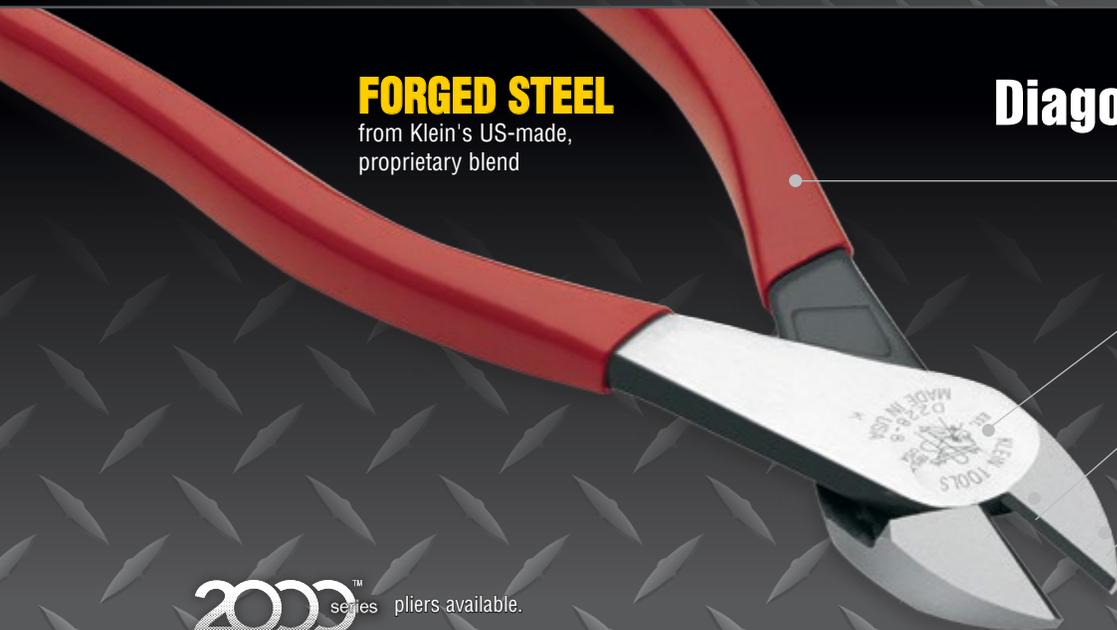


D213-9ST

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
201-7CST	Square	9-1/8" (231.8 mm)	1-9/32" (32.5 mm)	1-5/32" (29.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plain	—	10.4 oz. (295 g)
D201-7CST	Square	9-1/4" (235.0 mm)	1-9/32" (32.5 mm)	1-5/32" (29.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plastic	Blue	12.0 oz. (340 g)
D201-7CSTT <b>NEW!</b>	Square	9" (228.6 mm)	1-1/2" (38.1 mm)	1-1/4" (31.8 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plastic	Blue	10.9 oz (308 g)
213-9ST	Square	9-1/4" (235.0 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plain	—	1.0 lbs. (0.45 kg)
D213-9ST	Square	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic	Blue	1.1 lbs. (0.50 kg)
D213-9STT <b>NEW!</b>	Square	9-3/8" (238.1 mm)	2" (50.8 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic	Blue	1.1 lbs. (0.50 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-7CST	Square	9-1/4" (235.0 mm)	1-9/32" (32.5 mm)	1-5/32" (29.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plastic	Blue	11.2 oz. (318 g)
D2000-9ST	Square	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic	Blue	1.1 lbs. (0.50 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.





## FORGED STEEL

from Klein's US-made, proprietary blend

## Diagonal-Cutting Pliers

**Plastic-dipped handles†** for comfort and ease of identification

**Hot-riveted joint** ensures smooth action and no handle wobble

**Induction-hardened cutting knives** for long life

**Short jaws** and beveled cutting edges permit close cutting of wire



pliers available.

Cuts ACSR, screws, nails, and most hardened wire

**JOURNEYMAN**

†Journeyman™ pliers available. State-of-the-art, dual-material handles provide a better grip without sacrificing tool strength or durability



## High-Leverage Diagonal-Cutting Pliers

### Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other pliers design
- Cat. No. D2000-28GLW and D248-8GLW feature glow in the dark grips to easily locate your tool in dark or low lit areas
- D228-8TT has split tether ring for use with tether device



D2000-28



Glow in the Dark Grips

D2000-28GLW

**NEW!**



D228-8TT

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D228-7	7-1/8" (181.0 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Red	8.6 oz. (244 g)
D228-8	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Red	9.6 oz. (272 g)
D228-8TT <b>NEW!</b>	8" (203.2 mm)	1" (25.4 mm)	1-1/4" (31.8 mm)	1/2" (12.7 mm)	Standard	Plastic Dipped	Red	10.9 oz. (309 g)
<b>Journeyman™ Series – Dual-material handles</b>								
J228-8	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Red/Black	10.7 oz. (303 g)
<b>2000 Series* – Heavy-duty cutting knives</b>								
D2000-28	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Royal Blue	9.6 oz. (272 g)
D200028GLW	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Glow	9.6 oz. (272 g)
<b>Journeyman™ 2000 Series* – Dual-material handles</b>								
J2000-28	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Light Blue/Black	10.7 oz. (303 g)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish. Refer to the insulated section for insulated pliers.



## Diagonal-Cutting Pliers

### High-Leverage Diagonal-Cutting Pliers - Angled Head

**Additional Features:**

- Angled head design for easy work in confined spaces
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs
- Cat. No. D248-8GLW feature glow in the dark grips to easily locate your tool in dark or low lit areas



**Angled Head Profile**



**Glow in the Dark Grips**

**NEW!**



D2000-49



D248-8GLW

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D248-8	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	9.6 oz. (272 g)
D248-8-GLW	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Glow	9.6 oz. (272 g)
D238-8	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Semi-Flush**	Plastic-Dipped	Red	9.4 oz. (266 g)
<b>Journeyman™ Series – Dual-material handles</b>								
J248-8	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Red/Black	9.8 oz. (278 g)
<b>2000 Series* – Heavy-duty cutting knives</b>								
D2000-48	8" (203.2 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Blue	9.6 oz. (272 g)
D2000-49 <b>NEW!</b>	9" (228.6 mm)	13/16" (20.6 mm)	1-1/4" (31.8 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Blue	10.3 oz. (292 g)
<b>Journeyman™ 2000 Series* – Dual-material handles</b>								
J2000-48	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Light Blue/Black	9.8 oz. (278 g)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish. Refer to the insulated section for insulated pliers.

\*\*Semi-flush cutting knives cut Cherry Burrel rivets. For use on non-ferrous wire only.

### High-Leverage Diagonal-Cutting Pliers - Stripping Holes

**Additional Features:**

- Cleanly strips 12 and 14 solid AWG wire
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other pliers designs



D243-8

**SOLID**  
12 - 14 AWG

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D243-8	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	9.6 oz. (272 g)

### High-Leverage Diagonal-Cutting Pliers - Ironworker's

**Additional Features:**

- Angled head design for easy working in confined spaces
- Hooked handle for improved grip
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other pliers designs
- Cat. No. D248-9STT has split tether ring for use with tether device



**Angled Head Profile**

**NEW!**



D248-9STT

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D248-9ST	9-3/16" (233.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Red	10.9 oz. (309 g)
D248-9STT <b>NEW!</b>	9" (228.6 mm)	1" (25.4 mm)	1-1/4" (31.8 mm)	1/2" (12.7 mm)	Standard	Plastic Dipped	Red	10.9 oz. (309 g)





## Diagonal-Cutting Pliers

### Heavy-Duty Diagonal-Cutting Pliers - Tapered Nose

**Additional Features:**

- Heavier design for all-purpose use
- Tapered nose for easy working in confined areas



D220-7

D252-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D220-7	7-11/16" (195.3 mm)	1" (25.4 mm)	31/32" (24.6 mm)	1/2" (12.7 mm)	Standard	Plastic-Dipped	Red	8.6 oz. (244 g)
D252-6	6-1/8" (155.6 mm)	13/16" (20.6 mm)	3/4" (19.1 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	6.1 oz. (173 g)
<b>Bell System Type "W" Notches – Slit insulation cleanly</b>								
D252-6SW	6-1/8" (155.6 mm)	13/16" (20.6 mm)	3/4" (19.1 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	5.3 oz. (150 g)

### Standard Diagonal-Cutting Pliers - Tapered Nose

**Additional Features:**

- Tapered nose for easy working in confined areas and close tip cutting
- Spring-loaded action for self-opening (Cat. No. D245-5C)



D245-5

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D202-6	6-1/8" (155.6 mm)	13/16" (20.6 mm)	11/16" (17.5 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	4.6 oz. (130 g)
D202-6C	6-1/8" (155.6 mm)	13/16" (20.6 mm)	11/16" (17.5 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	5.0 oz. (142 g)
D245-5	5-1/16" (128.6 mm)	11/16" (17.5 mm)	9/16" (14.3 mm)	3/8" (9.5 mm)	Standard	Plastic-Dipped	Red	3.2 oz. (91 g)
D245-5C	5-1/16" (128.58 mm)	11/16" (17.46 mm)	9/16" (14.28 mm)	3/8" (9.52 mm)	Standard	Plastic-Dipped	Red	0.20 lbs. (0.09 kg)

### Standard Diagonal-Cutting Pliers - Semi-Flush Cutting

**Additional Features:**

- Trims plastic or printed circuit boards
- Spring-loaded for self-opening action



D210-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D210-6C	6-1/8" (155.6 mm)	13/16" (20.6 mm)	11/16" (17.5 mm)	7/16" (11.1 mm)	Semi-Flush	Plastic-Dipped	Red	4.6 oz. (130 g)

### Standard Diagonal-Cutting Pliers - Stripping Hole

**Additional Features:**

- Cleanly strips 16 AWG (1.0 mm) solid wire
- Tapered nose for easy working in confined areas

**SOLID**  
16 AWG



D240-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D240-6	6-1/8" (155.6 mm)	13/16" (20.6 mm)	11/16" (17.5 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	4.8 oz. (136 g)



## Diagonal-Cutting Electronics Pliers

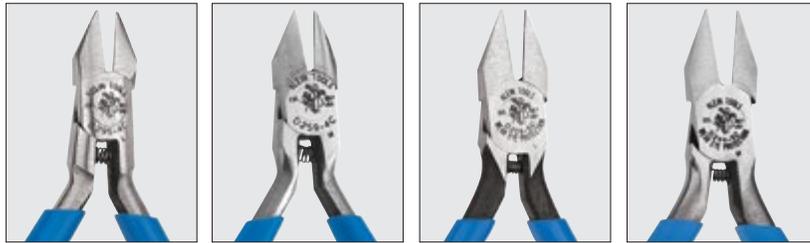
### Midget Diagonal-Cutting Pliers

**Additional Features:**

- Sharp pointed nose for precise tip cutting
- Tapered nose for easy working in confined areas and close tip cutting (Cat No. D295-4C, D257-4 & D257-4C)
- Spring loaded for self-opening action (Not available on Cat. No. D257-4)
- Narrow jaw and hinge for delicate work in tight areas (Cat. No. D259-4C & D2445C)
- Miniature jaw for close-quarter work with maximum visibility (Cat. No. D295-4C)



D257-4C



D295-4C

D259-4C

D209-5C

D244-5C

Cat. No.	Nose Type	Jaw Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D209-4C	Pointed	Standard	4-1/4" (108.0 mm)	1/2" (12.7 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)
D209-5C	Pointed	Standard	5-1/16" (128.6 mm)	11/16" (17.5 mm)	9/16" (14.3 mm)	3/8" (9.5 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	3.0 oz. (85 g)
D244-5C	Pointed	Narrow	5-1/16" (128.6 mm)	11/16" (17.5 mm)	1/2" (12.7 mm)	5/16" (7.9 mm)	Flush	Plastic-Dipped	Royal Blue	2.9 oz. (82 g)
D257-4	Tapered	Standard	4-1/4" (108.0 mm)	1/2" (12.7 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	1.9 oz. (54 g)
D257-4C	Tapered	Standard	4-1/4" (108.0 mm)	1/2" (12.7 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	1.9 oz. (54 g)
D259-4C	Pointed	Extra Narrow	4-1/4" (108.0 mm)	1/2" (12.7 mm)	13/32" (10.3 mm)	1/4" (6.4 mm)	Flush	Plastic-Dipped	Royal Blue	1.9 oz. (54 g)
D295-4C	Tapered	Mini	4-1/4" (108.0 mm)	1/2" (12.7 mm)	3/8" (9.5 mm)	1/4" (6.4 mm)	Flush	Plastic-Dipped	Royal Blue	1.8 oz. (51 g)

### Midget Diagonal-Cutting Pliers - Nickel Ribbon Wire Cutters

**Additional Features:**

- Designed to cut nickel ribbon wire
- Nose tip is only 1/32" (0.8 mm) for precise work in confined areas
- Cutting knife tip is 3/16" (5 mm) long for precise cutting
- Spring-loaded action for self-opening



D230-4C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D230-4C	4-1/4" (108.0 mm)	1/2" (12.7 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	1.9 oz. (54 g)

### Lightweight Flush Cutter

- Shears wire up to 18 AWG producing a flat, flush cut
- Shear cutting greatly reduces cutting effort and minimizes fly-off
- Cushioned grips and steel return spring for increased comfort during repetitive cutting
- Ultra slim profile increases access in confined areas
- Heat treated for increased durability



D275-5

Cat. No.	Overall Length	Cutting Knives	Handle Finish	Handle Color	Weight
D275-5	5" (127.0 mm)	Flush	Plastic	Red	1.8 oz. (51 g)



## Long-Nose Pliers

### FORGED STEEL

from Klein's US-made, proprietary blend

### Plastic-dipped handles†

for comfort and ease of identification

**Hot-riveted joint**  
ensures smooth action  
and no handle wobble

**Slim head design**  
for working in  
confined areas.

**JOURNEYMAN**

†Journeyman™ pliers available. State-of-the-art, dual-material handles provide a better grip without sacrificing tool strength or durability

**MADE IN  
USA**

## All-Purpose Pliers

**JOURNEYMAN**

### Additional Features:

- Cat. No. J206-8C strips 8-16 AWG solid and 10-18 AWG stranded wire
- Cat. No. J207-8CR strips 10-18 AWG solid and 12-20 AWG stranded wire and crimps non-insulated connectors, lugs and terminals
- Induction-hardened cutting knives for increased wire cutting performance, including hard wire
- Long nose for grabbing and looping wire
- 6-32 and 8-32 screw shearing



J206-8C

**SOLID**  
8-16 AWG

**STRANDED**  
10-18 AWG



J207-8CR

**SOLID**  
10-18 AWG

**STRANDED**  
12-20 AWG



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
J206-8C	8-5/8" (219.1 mm)	2-3/16" (55.6 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	9.6 oz. (272 g)
J207-8CR	8-5/8" (219.1 mm)	2-3/16" (55.6 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	9.6 oz. (272 g)



## Long-Nose Pliers

### Heavy-Duty Long-Nose Pliers - Side-Cutting

**Additional Features:**

- Induction-hardened cutting knives for long life
- Heavier design for greater cutting power
- Extended handles provide added reach and greater leverage
- Cat. No. D203-8GLW features glow in the dark grips to easily locate your tool in dark or low lit areas



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
D203-8	8-7/16" (214.3 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Plastic-Dipped	Yellow	9.6 oz. (272 g)
D203-8-GLW	8-7/16" (214.3 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Plastic-Dipped	High-Visibility, Glow in. The Dark	9.6 oz. (272 g)
<b>Journeyman™ Series – Dual-material handles</b>									
J203-8	8-9/16" (217.5 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	10.1 oz. (286 g)
<b>Wire Stripping – Cleanly strips 12 AWG wire</b>									
D203-8N	8-7/16" (214.3 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Plastic-Dipped	Yellow	9.4 oz. (266 g)
<b>Journeyman™ Series – Dual-material handles</b>									
J203-8N	8-9/16" (217.5 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	10.2 oz. (289 g)
<b>Wire Stripping &amp; Crimping – Cleanly strips 12 AWG wire; crimps connectors, lugs &amp; terminals</b>									
D203-8NCR	8-7/16" (214.3 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Plastic-Dipped	Yellow	9.8 oz. (278 g)

Refer to the insulated section for insulated pliers.

### Standard Long-Nose Pliers - Side-Cutting

**Additional Features:**

- Induction-hardened, long-lasting cutting knives
- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control
- Spring-loaded action for self-opening (Cat. Nos. D203-6C, D203-7C)



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
D203-6	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.3 oz. (122 g)
D203-6C	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.3 oz. (122 g)
D203-7	7-3/16" (182.6 mm)	2-7/16" (61.9 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.6 oz. (130 g)
D203-7C	7-3/16" (182.6 mm)	2-7/16" (61.9 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.6 oz. (130 g)
<b>Journeyman™ Series – Dual-material handles</b>									
J203-6	6-3/4" (171.5 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Journeyman	Yellow/Black	4.8 oz. (136 g)
J203-7	7-5/16" (185.7 mm)	2-7/16" (61.9 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Journeyman	Yellow/Black	5.3 oz. (150 g)
<b>Switchboard Work – Cleanly strips 19 &amp; 22 AWG wire</b>									
D203-6H2	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.2 oz. (119 g)

Refer to the insulated section for insulated pliers.





## Long-Nose Pliers

### Standard Long-Nose Pliers

**Additional Features:**

- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control
- Spring-loaded action for self-opening (Cat. No. D301-6C)



D301-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D301-6	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.6 oz. (130 g)
D301-6C	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.5 oz. (128 g)

### Slim Long-Nose Pliers

**Additional Features:**

- Longer nose and handles for deeper reach into work
- Spring-loaded for self-opening action
- Curved handles provide greater tool control



D307-5 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D307-51/2C	5-5/8" (142.9 mm)	1-11/16" (42.9 mm)	1/2" (12.7 mm)	5/16" (7.9 mm)	1/32" (0.8 mm)	Plastic-Dipped	Yellow	2.4 oz. (68 g)
D327-51/2C	5-5/8" (142.9 mm)	1-11/16" (42.9 mm)	1/2" (12.7 mm)	5/16" (7.9 mm)	1/16" (1.59 mm)	Plastic-Dipped	Dark Blue	2.4 oz. (68 g)

## Electronics Long-Nose Pliers

### Midget Long-Nose Pliers - Slim-Nose

**Additional Features:**

- Lightweight, slim-nose pliers for precision subminiature assembly work
- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control
- Spring-loaded action for self-opening



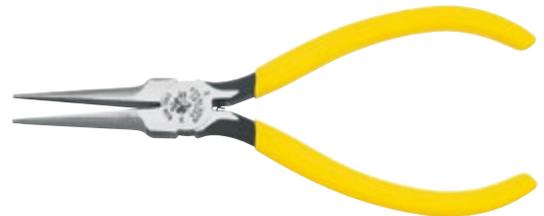
D322-4 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D321-41/2C	4-13/16" (122.2 mm)	1-1/16" (27.0 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	1/32" x 1/16" (0.8 x 1.6 mm)	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)
<b>Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire</b>								
D322-41/2C	4-13/16" (122.2 mm)	1-1/16" (27.0 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	1/32" x 1/16" (0.8 x 1.6 mm)	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)
D323-41/2C	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/8" x 1/16" (3mm x 2 mm)	Plastic-Dipped	Royal Blue	0.13 lbs. (0.058 kg)

### Tapered Long-Nose Pliers

**Additional Features:**

- Larger and sturdier yet tapered design allows access into tight areas
- Knurled jaws for sure wrapping and looping
- Spring-loaded for self-opening action
- Curved handles provide greater tool control



D310-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D310-6C	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/16" (1.59 mm)	Plastic-Dipped	Yellow	4.3 oz. (122 g)



## Electronics Long-Nose Pliers

### Long-Nose Pliers - Chain-Nose

**Additional Features:**

- Knurled jaws for sure gripping, bending and forming of medium-gauge wire
- Spring-loaded for self-opening action
- Curved handles provide greater tool control



D317-5C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D317-5C	5-1/16" (128.58 mm)	1-1/8" (28.57 mm)	1/2" (12.7 mm)	5/16" (7.93 mm)	1/16" (1.58 mm)	Plastic-Dipped	Yellow	0.14 lbs. (0.064 kg)

### Long Needle-Nose Pliers

**Additional Features:**

- Designed for accurate work in hard-to-reach areas
- Knurled jaws for sure wrapping and looping
- Spring-loaded for self-opening action
- Curved handles provide greater tool control



D318-5 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D318-51/2C	5-5/8" (142.9 mm)	1-11/16" (42.9 mm)	1/2" (12.7 mm)	5/16" (7.9 mm)	1/16" (1.59 mm)	Plastic-Dipped	Yellow	2.1 oz. (60 g)

### Long Needle-Nose Pliers - Extra-Slim

**Additional Features:**

- Long, narrow nose and slim hinge for extremely close quarter work
- Finely knurled jaws grip thin wire without damaging it
- Spring-loaded for self-opening action
- Curved handles provide greater tool control



D335-5 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D335-51/2C	5-5/8" (142.9 mm)	1-11/16" (42.9 mm)	15/32" (11.9 mm)	1/4" (6.4 mm)	1/16" (1.59 mm)	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)

### Curved Long-Nose Pliers

**Additional Features:**

- 70° bent nose for maximum work visibility in confined areas
- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control



D302-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D302-6	6-3/8" (161.9 mm)	1-1/2" (38.1 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	Plastic Dipped	Yellow	4.8 oz. (136 g)



## Electronics Long-Nose Pliers

### Midget Curved Chain-Nose Pliers

**Additional Features:**

- 60° bent nose for maximum work visibility in confined areas
- Easily bends and forms fine wire
- Polished inside jaws and radiused jaw edges prevent nicking wire
- Spring-loaded for self-opening action
- Curved handles provide greater tool control



D320-4 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D320-41/2C	4-3/4" (120.7 mm)	1" (25.4 mm)	13/32" (10.3 mm)	1/4" (6.4 mm)	1/16" (1.59 mm)	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)

## Special Use Pliers

### Conduit Locknut and Reaming Pliers

- Tightens 1/2" (13 mm) and 3/4" (19 mm) EMT or 1/2" (13 mm) rigid locknuts
- Fits liquid tight fittings and caps
- Reams and deburrs both inside and outside of conduit
- Knurled jaws at nose tip pull wire or fish tape
- Machined nose fits snugly into locknut wings



D333-8



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D333-8	7-3/4" (196.9 mm)	1-5/8" (41.3 mm)	15/16" (23.8 mm)	1/2" (12.7 mm)	3/16" (4.8 mm)	Plastic-Dipped	Yellow	8.8 oz. (249 g)

### End-Cutting Pliers

- Wide throat clearance for clean, even cutting of wire or nails at close range
- High-leverage design provides greater cutting power at the knives than other plier designs
- Extended handles for longer reach and increased leverage



D232-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D232-8	8-1/2" (215.9 mm)	3/8" (9.5 mm)	1-3/16" (30.2 mm)	19/32" (15.1 mm)	1-3/16" (30.2 mm)	Plastic-Dipped	Red	11.4 oz. (323 g)

### Plastic-Cutting Pliers

- Precisely cuts injection mold sprues, gates and other plastic
- Adjustable 1/16" hollow-head screw keeps knife-edges from damaging each other (not designed for use on metal)
- Spring-loaded for self-opening action



D227-7C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D227-7C	7-11/16" (195.3 mm)	1" (25.4 mm)	31/32" (24.6 mm)	1/2" (12.7 mm)	Flush	Plastic-Dipped	Red	8.8 oz. (249 g)



## Slip-Joint Pliers

### Slip-Joint Pliers

- Shear-type cutter for precision wire cutting
- Two versatile jaw positions
- Serrated jaws provide sure-gripping power
- Nickel-chrome plated for long life



D511-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Handle Finish	Handle Color	Weight
D511-6	6-9/16" (166.7 mm)	1-3/16" (30.2 mm)	1-3/16" (30.2 mm)	3/8" (9.5 mm)	Plastic-Dipped	Blue	6.2 oz. (176 g)
D511-8	8-1/16" (204.8 mm)	1-3/8" (34.9 mm)	1-1/4" (31.8 mm)	7/16" (11.1 mm)	Plastic-Dipped	Blue	9.9 oz. (281 g)
D511-10	9-7/8" (250.8 mm)	1-3/4" (44.5 mm)	1-3/8" (34.9 mm)	15/32" (11.9 mm)	Plastic-Dipped	Blue	13.3 oz. (377 g)

### Slip-Joint Pliers - Hose Clamp

- Quickly installs and removes spring-tension hose clamps
- Grips with either end or side of jaws for work in confined areas
- Nickel-chrome plated for long life



D514-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Handle Finish	Handle Color	Weight
D514-8	8-1/16" (204.8 mm)	1-3/8" (34.9 mm)	1-1/4" (31.8 mm)	7/16" (11.1 mm)	Plastic-Dipped	Blue	9.8 oz. (278 g)

## Pump Pliers

### Klaw™ Pump Pliers

- Push button and quick ratchet feature allows for fast and easy adjustment to any position. (Cat. Nos. D504-10B, D504-12B)
- Compact, narrow design for easy work in small or hard to reach spaces
- Gripping surfaces with specially hardened teeth for reduced wear and positive gripping
- Extended grips for added comfort
- **Quick-Adjust Pump Pliers:** Push button feature allows for fast and easy adjustment to any position. Cat. Nos. D504-10B, D504-12B)



D504-10



Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight
<b>Quick-Adjust Klaw™ Pump Pliers</b>					
D504-10B	10-1/8" (257.2 mm)	2-1/8" (54.0 mm)	Plastic-Dipped	Yellow	12.6 oz. (357 g)
D504-12B	12-1/2" (317.5 mm)	2-3/4" (69.9 mm)	Plastic-Dipped	Yellow	1.2 lbs. (0.54 kg)
<b>Classic Klaw™ Pump Pliers</b>					
D504-7	7-3/8" (187.3 mm)	1-3/8" (34.9 mm)	Plastic-Dipped	Yellow	5.4 oz. (153 g)
D504-10	9-7/8" (250.8 mm)	2-1/8" (54.0 mm)	Plastic-Dipped	Yellow	13.0 oz. (369 g)
D504-12	12" (304.8 mm)	2-3/4" (69.9 mm)	Plastic-Dipped	Yellow	1.4 lbs. (0.64 kg)



## Pump Pliers

### Pump Pliers

- Secure tongue and groove design for non-slip grip - even with heavy pressure
- Wide range of versatile jaw positions



D502-6

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight
D502-6	6-1/2" (165.1 mm)	7/8" (22.2 mm)	Plastic-Dipped	Yellow	6.6 oz. (187 g)
D502-10	10" (254.0 mm)	1-3/4" (44.5 mm)	Plastic-Dipped	Yellow	15.5 oz. (439 g)
D502-12	12-1/4" (311.2 mm)	2-3/8" (60.3 mm)	Plastic-Dipped	Yellow	1.4 lbs. (0.64 kg)
D502-16	16-1/4" (412.8 mm)	4-1/4" (108.0 mm)	Plastic-Dipped	Yellow	3.2 lbs. (1.45 kg)
<b>Journeyman™ Series – Dual-material handles</b>					
J502-10	10-1/4" (260.4 mm)	1-3/4" (44.5 mm)	Journeyman	Yellow/Black	1.0 lbs. (0.45 kg)

## Pliers Handles

### Replacement Klein-Koat™ Pliers Handles

- Plastic material for slip-resistant grip and comfort

Cat. No.	Size to Fit Pliers	Color	Weight
60	6" (152.4 mm) Long	Maroon	0.8 oz (23 g)
70	7" (177.8 mm) Long	Maroon	1.6 oz. (45 g)
89	8" to 9" (203.2 to 228.6 mm) Long	Maroon	1.6 oz. (45 g)



70

### Replacement Comfort-Grip Pliers Handles

- Klein exclusive slip-reducing pliers handles
- Aerated plastic construction provides firm and resilient cushion

Cat. No.	Size to Fit Pliers	Color	Weight
55	5" x 6-1/2" (127.0 x 165.1 mm)	Red	0.8 oz. (23 g)



55



**JOURNEYMAN**

# Series

The Journeyman™ line of hand tools represents the best of Klein quality and workmanship combined with the latest innovations in handle design.



For Professionals...  
Since 1857™



**State-of-the-art dual material molding process**

**Induction hardened cutting knives** for long life

**Hot-riveted joint** ensures smooth action and no handle wobble

**Contoured thumb area** for additional comfort and positive feel

**Hard, black material** for toughness and durability

**Soft material on outer surface** for comfort and a firm grip

**MADE IN USA**

**2000 Series**  
HEAVY-DUTY CUTTING

pliers available.  
Cuts ACSR, screws, nails, and most hardened wire

US Patent: D468988

## Side-Cutting Pliers

### High-Leverage Side-Cutting Pliers

**Additional Features:**

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



J2000-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
J2138NE	New England	8-13/16" (223.8 mm)	1-7/16" (36.5 mm)	1-3/16" (30.2 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Journeyman	Dark Blue/Black	15.5 oz. (439 g)
J213-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Dark Blue/Black	1.1 lbs. (0.50 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>									
J20008	New England Tapered	8-13/16" (223.8 mm)	1-7/16" (36.5 mm)	1-7/64" (28.2 mm)	5/8" (15.9 mm)	3/4" (19.1 mm)	Journeyman	Light Blue/Black	14.9 oz. (422 g)
J2000-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

### High-Leverage Side-Cutting Pliers - Fish-Tape Pulling

**Additional Features:**

- Easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



J2000-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
J213-9NETP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Dark Blue/Black	1.1 lbs. (0.50 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>									
J2000-9NETP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

### High-Leverage Side-Cutting Pliers - Connector Crimping

**Additional Features:**

- Crimping die behind hinge for superior leverage crimping noninsulated connectors, lugs and terminals
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



J213-9NECR

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
J213-9NECR	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Yellow/Black	1.1 lbs. (0.50 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>									
J2000-9NECR	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

See page 310 for additional information on warnings.



## Side-Cutting Pliers

### High-Leverage Side-Cutting Pliers - Connector Crimping & Stripping

**Additional Features:**

- Built-in crimper works on non-insulated connectors, lugs, and terminals
- Cleanly strips 10 and 12 solid AWG wire and 12 and 14 stranded wire
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



J213-9NECRN

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
J2139NECRN	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Yellow/Black	1.1 lbs. (0.50 kg)

### High-Leverage Side-Cutting Pliers - Connector Crimping & Fish Tape Pulling



**Additional Features:**

- Built-in crimper works on non-insulated connectors, lugs, and terminals
- Built-in channel pulls steel fish tape without damaging the tape
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- 2000 series heavy-duty cutting knives cut ACSR, screws, nails, and most hardened wire
- Combination polished and black-oxide finishes



J2000-9NECRTP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
J2000-9NECRTP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Blue/Black	1.1 lbs. (0.50 kg)

### High-Leverage Universal Combination Pliers

**Additional Features:**

- Universal tapered head-design allows greater access in confined spaces
- Precision machined pipe-grip for greater gripping power
- Crimping die behind hinge for superior leverage crimping of non-insulated connectors, lugs and terminals



J12098

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
J12098	Universal	8-3/4" (222.3 mm)	1-25/32" (45.2 mm)	1-1/32" (26.2 mm)	17/32" (13.5 mm)	3/4" (19.1 mm)	Journeyman	Dark Blue/Black	13.1 oz. (371 g)

### Side-Cutting Pliers



**Additional Features:**

- 2000 series heavy-duty cutting knives cut ACSR, screws, nails, and most hardened wire
- Combination polished and black-oxide finishes



J2001-7NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
J20017NE	New England	7-9/16" (192.1 mm)	1-9/32" (32.5 mm)	1-1/16" (27.0 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Journeyman	Light Blue/Black	9.8 oz. (278 g)



## Diagonal-Cutting Pliers

### High-Leverage Diagonal-Cutting Pliers

**Additional Features:**

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs
- Short jaws and beveled cutting edges permit close cutting of wire
- Cat. Nos. J248-8 and J2000-48 have an angled head design for easy work in confined spaces



J2000-28



**Angled Head Profile**

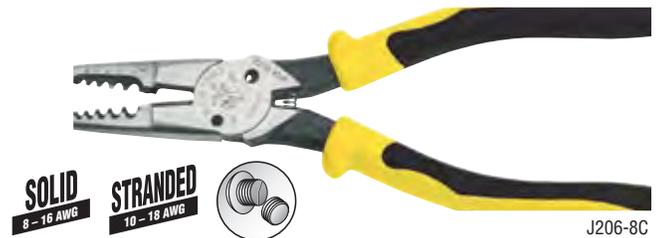
Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
J228-8	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Red/Black	10.7 oz. (303 g)
J248-8	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Red/Black	9.8 oz. (278 g)
<b>2000 Series* – Heavy-duty cutting knives</b>								
J2000-28	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Light Blue/Black	10.7 oz. (303 g)
J2000-48	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Light Blue/Black	9.8 oz. (278 g)

## Long-Nose Pliers

### All-Purpose Pliers

**Additional Features:**

- Cat. No. J206-8C strips 8-16 AWG solid and 10-18 AWG stranded wire
- Cat. No. J207-8CR strips 10-18 AWG solid and 12-20 AWG stranded wire and crimps non-insulated connectors, lugs and terminals
- Long nose for grabbing and looping wire
- 6-32 and 8-32 screw shearing



J206-8C



J207-8CR

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
J206-8C	8-5/8" (219.1 mm)	2-3/16" (55.6 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	9.6 oz. (272 g)
J207-8CR	8-5/8" (219.1 mm)	2-3/16" (55.6 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	9.6 oz. (272 g)

### Heavy-Duty Long-Nose Pliers - Side-Cutting

**Additional Features:**

- Heavier design for greater cutting power
- Slim head design for working in confined areas



J203-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
J203-8	8-9/16" (217.5 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	10.1 oz. (286 g)
<b>Wire Stripping – Cleanly strips 12 AWG wire</b>									
J203-8N	8-9/16" (217.5 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	10.2 oz. (289 g)



## Long-Nose Pliers

### Standard Long-Nose Pliers - Side-Cutting

**Additional Features:**

- Slim head design for working in confined areas
- Knurled jaws for sure wrapping and looping



J203-7

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
J203-7	7-5/16 (185.7 mm)	2-7/16" (61.9 mm)	1 1/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Journeyman	Yellow/Black	5.3 oz. (150 g)
J203-6	6-3/4" (171.5 mm)	1-7/8" (47.6 mm)	1 1/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Journeyman	Yellow/Black	4.8 oz. (136 g)

## Pump Pliers

### Pump Pliers

**Additional Features:**

- Secure tongue and groove design for non-slip grip - even with heavy pressure
- Wide range of versatile jaw positions
- Tension-loaded joint to reduce handle wobble for sure gripping



J502-10

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight
J502-10	10-1/4" (260.4 mm)	1-3/4" (44.5 mm)	Journeyman	Yellow/Black	1.0 lbs. (0.45 kg)

## Crimping/Cable Cutting Tools

### Crimping/Cutting Tool - Non-Insulated/Insulated Connectors

**Additional Features:**

- Designed to crimp insulated and non-insulated 10 to 22 AWG solderless terminals and connectors
- Tapered nose design for working in confined spaces
- Contoured thumb area for additional comfort and positive feel
- Specially hardened cutter



J1005

Cat. No.	Overall Length	Handle Finish	Handle Color	Crimps	Weight
J1005	9-3/4" (247.7 mm)	Journeyman	Red/Black	10 - 22 AWG (4.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> )	13.4 oz. (381 g)

### High-Leverage Cable Cutter

**Additional Features:**

- Cuts up to 4/0 aluminum AWG (no ACSR), 2/0 AWG soft copper and 100-pair 24 AWG communications cable
- High-leverage for greater cutting power
- Precision, one-hand shearing action
- Do NOT use to cut steel or ACSR



J63050

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Finish	Handle Color	Weight
J63050	9-9/16" (242.9 mm)	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	Journeyman	Red/Black	15.7 oz. (445 g)

# Telecom Tools

Telecom workers prefer Klein tools for their exceptional quality, performance, and long working life. That's why Klein is the brand the industry depends on.



For Professionals...  
Since 1857™

## Bell-System Pliers Selection Chart

Bell-System Designation	Cat. No.	Bell-System Designation	Cat. No.	Bell-System Designation	Cat. No.
Type B Long-Nose	D301-6	Diagonal B V-Notch	D528V	C Pressing	D234-6
List 1 Long-Nose	71980	Diagonal D-6	72192	C Pressing	VDV026-049
Type B Short-Nose	D2291	8" B Sidecut	D213-8NE		
Diagonal B-5	D245-5	9" B Sidecut	D213-9NE		

### Diagonal Bell-System Pliers - "W" & "V" Notches

- "W" notches to cleanly slit insulation
- "V" notch at the hinge for quick insulation crushing
- Tapered nose for easy working in confined areas and close tip cutting



D528V

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D528V	5-13/16" (147.6 mm)	13/16" (20.6 mm)	9/16" (14.3 mm)	3/8" (9.5 mm)	Standard	Plastic-Dipped	Red	3.2 oz. (91 g)

### Diagonal Telephone Work Pliers - Type D-6 - "V" Notches

- Tapered nose for easy working in confined areas and close tip cutting
- Convenient 0.030" and 0.045" stripping holes
- "V" stripping notch in jaw for quick insulation slitting
- Serrated behind the hinge to crush insulation



72192

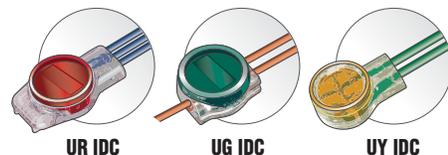
Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
72192	6-1/8" (155.6 mm)	13/16" (20.6 mm)	3/4" (19.1 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	5.3 oz. (150 g)

### Connector Crimping Pliers

- Crimps UR/UY/UG insulation displacement connectors (IDC) - Scotchlok® type connectors
- Curved handles for greater control
- Induction-hardened side-cutting knives for long life



D234-6



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D234-6	5-13/16" (147.6 mm)	1-3/32" (27.8 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	Plastic Dipped	Yellow	4.0 oz. (113 g)
D234-6C	5-13/16" (147.6 mm)	1-3/32" (27.8 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	Plastic Dipped	Yellow	4.0 oz. (113 g)

\*Spring-loaded action for self-opening. Scotchlok® is a registered trademark of 3M.



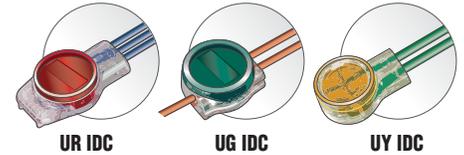


## Long-Nose Pliers - Connector Crimping

- Crimps UR/UY/UG insulation displacement connectors (IDC) - Scotchlok® type connectors
- Grooved jaws for wire wrapping, looping and twisting
- Cleanly strips 23 AWG and 24 AWG wire
- Hot-riveted joint ensures smooth action and no handle wobble
- Induction-hardened cutting surface for long life



VDV026-049



UR IDC

UG IDC

UY IDC

Scotchlok® is a registered trademark of 3M Corporation.

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Diameter	Handle Finish	Handle Color	Weight
VDV026-049	6-51/64" (172.6 mm)	2" (50.8 mm)	45/64" (17.9 mm)	3/8" (9.5 mm)	7/16" (11.1 mm)	0.095" x 0.125" (2.41 mm x 3.17 mm)	Plastic Dipped	Yellow	4.5 oz. (128 g)

## Long-Nose Telephone Work Pliers - Stripping

- Cleanly strips 22 (0.34 mm<sup>2</sup>) to 24 (0.25 mm<sup>2</sup>) AWG wire
- Convenient insulation crushing slot
- Curved handles provide greater tool control



D2291

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Handle Finish	Handle Color	Weight
D2291	6" (152.4 mm)	1-1/4" (31.8 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/16" x 3/32" (1.6 mm x 2.4 mm)	Plastic-Dipped	Yellow	4.0 oz. (113 g)

## Long-Nose Telephone Work Pliers - Type L1

- Knurled jaw tips for greater gripping power
- Induction-hardened side-cutting knives for long life
- Convenient 0.030" stripping hole
- Curved handles provide greater tool control



71980

Cat. No.	Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Diameter	Handle Finish	Handle Color	Weight
71980	L1	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	1/16" x 3/32" (1.6 mm x 2.4 mm)	Plastic-Dipped	Yellow	4.0 oz. (113 g)

## Standard Long-Nose Pliers - Switchboard Work

- Cleanly strips 19 & 22 AWG wire
- Induction-hardened, long-lasting cutting knives
- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control



D203-6H2

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Diameter	Handle Finish	Handle Color	Weight
D203-6H2	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.2 oz. (119 g)



## Can Wrench



68005

- Two tools in one saves space in your pouch
- One end opens telephone box fasteners, the other end tightens nuts on binding-post terminals
- The 7/16" socket has a black finish and the 3/8" socket has a silver finish
- Sockets are 1-1/4" (32 mm) deep to fit over long binding posts and are thin-walled for easy access into tight areas
- Socket ends are color-coded for quick identification of socket sizes
- Hex-socket design enables using a wrench to obtain extra torque
- High-impact, break-resistant handle for long and dependable service
- Sockets are heat-treated, alloy steel

Cat. No.	Size	Length	Handle Diameter	Weight
68005	3/8" and 7/16" Hex Nut	7" (177.8 mm)	1" (25.4 mm)	5.6 oz. (159 g)

## Bell System Type Wrench



3146B

- End openings sized to NEMA hardware specifications
- Silver painted finish

Cat. No.	Size	Length	Weight
3146B	Large End: 1-1/16" (27.0 mm) and 1-3/16" (30.2 mm) Small End: 11/16" (17.5 mm) and 7/8" (22.2 mm)	13" (330.2 mm)	1.8 lbs. (0.82 kg)

## Steel Strand Wire Pulling Grips

### Bell System B, L, and H Chicago® Grips

- All are equipped with chain, toggle and shackle - keeps the grip from falling off of cable
- 1659-5AT is designed to pull 1/4" (6.35 mm) figure-8 telephone cable. Also has serpentine jaw

Cat. No.	Type	Cable Diameter	Jaw Length	Weight
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>				
1659-5AT	"B" Strand Puller	0.20" to 0.37" (5.08 to 9.4 mm)	5" (127.0 mm)	6.7 lbs. (3.04 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>				
1684-5AT	"L" Strand Puller	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.9 lbs. (3.13 kg)
1692-5AT	"L" Strand Puller	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.6 lbs. (2.99 kg)
<b>15,000 lbs. (6,803 kg) Maximum Safe Load</b>				
1628-16AT	"H" Strand Puller	0.31" to 0.62" (7.87 to 15.75 mm)	7-1/4" (184.2 mm)	15.8 lbs. (7.17 kg)

\*1692-5AT (larger clamping force than 1684-5AT)



1659-5AT

**⚠ WARNING:** Grips are to be used for temporary installation, not for permanent anchorage.

**⚠ WARNING:** When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

**⚠ WARNING:** Do not exceed rated capacity.

**⚠ WARNING:** Always match proper size and type of grip to application.

**⚠ WARNING:** Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.

# Strippers, Cutters and Crimpers

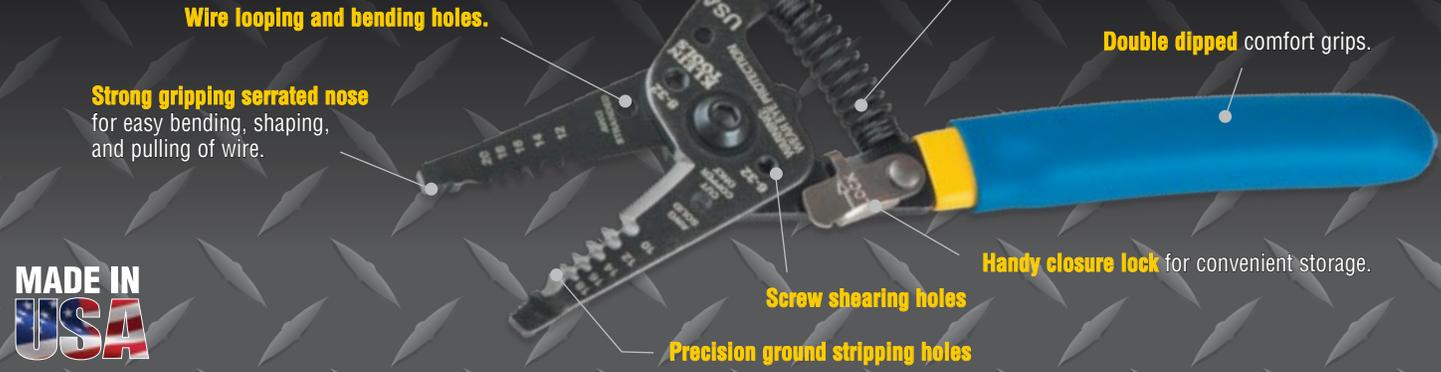
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Manufactured with the needs of the professional tool user in mind, Klein strippers, cutters, and crimpers are designed to get jobs done with precision and quality.



For Professionals...  
Since 1857™

**KLEIN-KURVE™**  
comfort grip handles **Wire Strippers/  
Cutters**



**Wire Strippers/Cutters**

**Additional Features:**

- Easy-to-read markings
- Precision shear-type blades
- Cleanly shears 6-32 and 8-32 screws
- Cat. No. 11054GLW features glow in the dark grips to easily locate your tool in dark or low lit areas



Cat. No.	Handle Color	Overall Length	Strips and Cuts	Screw Shearing	Weight
11053	Blue/Red	7-1/8" (181.0 mm)	6 - 12 AWG Stranded (10 mm <sup>2</sup> - 2.5 mm <sup>2</sup> )	6-32 and 8-32	5.4 oz. (153 g)
11054	Blue/White	7-1/8" (181.0 mm)	8 - 16 AWG Solid (8.4 mm <sup>2</sup> - 1.3 mm <sup>2</sup> ), 10 - 18 AWG Stranded (5.3 mm <sup>2</sup> - 0.82 mm <sup>2</sup> )	6-32 and 8-32	5.4 oz. (153 g)
11054GLW	Glow	7-1/8" (181.0 mm)	8 - 16 AWG Solid (8.4 mm <sup>2</sup> - 1.3 mm <sup>2</sup> ), 10 - 18 AWG Stranded (5.3 mm <sup>2</sup> - 0.82 mm <sup>2</sup> )	6-32 and 8-32	5.4 oz. (153 g)
11055	Blue/Yellow	7-1/8" (181.0 mm)	10 - 18 AWG Solid (4.0 mm <sup>2</sup> - 0.75 mm <sup>2</sup> ), 12 - 20 AWG Stranded (2.5 mm <sup>2</sup> - 0.50 mm <sup>2</sup> )	6-32 and 8-32	5.4 oz. (153 g)
11057	Blue/Red	7-1/8" (181.0 mm)	20 - 30 AWG Solid (0.50 mm <sup>2</sup> - 0.14 mm <sup>2</sup> ), 22 - 32 AWG Stranded (0.34 mm <sup>2</sup> - 0.05 mm <sup>2</sup> )	6-32 and 8-32	5.1 oz. (145 g)

**Dual NM Cable Stripper/Cutter**

**Additional Features:**

- 12/2, and 14/2 stripping slots quickly remove outer jacket of Type NM-B nonmetallic-sheathed cable
- Stripping holes easily remove insulation on 12 and 14 AWG sold wire
- Precision shear-type blades for square, clean cuts on solid copper wire
- Narrow nose fits into tight places



Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type	Screw Shearing	Weight
K1412	Yellow/White	7-3/4" (196.9 mm)	12 and 14 AWG Solid (2.5 mm <sup>2</sup> and 1.5 mm <sup>2</sup> )	NM-B Cable 12/2 and 14/2	6-32 & 8-32	6.6 oz. (187 g)





## Klein-Kurve™ Wire Strippers/Cutters

### Dual NMD-90 Cable Stripper/Cutter

**Additional Features:**

- Quickly removes outer jacket of Canadian NMD-90 Romex® Cable
- Strips, cuts, and loops 12 & 14 AWG solid wires
- Strips, cuts, and loops 14 & 16 AWG stranded wires
- Cleanly shears 6-32 and 8-32 screws



K1412CAN



Romex® is a registered trademark of Southwire Company.

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type	Screw Shearing	Weight
K1412CAN	Yellow/White	7-3/4" (196.9 mm)	12 and 14 AWG Solid (2.5 mm <sup>2</sup> and 1.5 mm <sup>2</sup> ), 14 and 16 AWG Stranded (1.5 mm <sup>2</sup> and 1.0 mm <sup>2</sup> )	NMD-90 Cable 12/2 & 14/2	6-32 & 8-32	6.6 oz. (187 g)

**Textured handles** provide a firm, comfortable grip

**Spring loaded** for self-opening action

**Black-oxide finish** resists corrosion

**Easy-to-read wire gauge markings** on both sides for stripping in either direction

## Wire Strippers/Cutters

**Wire looping and bending holes**

**Precision-ground stripping holes** for easy removal of insulation



### Wire Strippers/Cutters

**Additional Features:**

- Compact, lightweight wire-stripping and cutting tools
- Narrow nose fits into tight places
- Hardened steel with precision ground stripping holes
- Do NOT use for cutting steel wire or screws



11045

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight
11045	Yellow	6-1/4" (158.8 mm)	10 - 18 AWG Solid (4.0 mm <sup>2</sup> - 0.75 mm <sup>2</sup> )	4.3 oz. (122 g)
11046	Red	6-1/4" (158.8 mm)	16 - 26 AWG Stranded (1.0 mm <sup>2</sup> - 0.14 mm <sup>2</sup> )	4.3 oz. (122 g)
11047	Yellow	6-1/4" (158.8 mm)	22 - 30 AWG Solid (0.34 mm <sup>2</sup> - 0.05 mm <sup>2</sup> )	4.3 oz. (122 g)
11049	Red	6-1/4" (158.8 mm)	8 - 16 AWG Stranded (6 mm <sup>2</sup> - 1.0 mm <sup>2</sup> )	4.3 oz. (122 g)

See page 310 for additional information on warnings.



## Wire Strippers/Cutters

### Dual-Wire Stripper/Cutter

**Additional Features:**

- Strips two wires in a single motion
- Paired stripping holes for 14 and 12 AWG solid wire
- One stripping hole for 10 AWG solid wire
- Shear-type cutting blades for square, clean cuts
- Narrow nose fits into tight places
- Hardened steel with precision ground stripping holes
- Do not use for cutting steel wire or screws



**SOLID**  
10, 12, 14 AWG



11048

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight
11048	Yellow	6-1/4" (158.8 mm)	10, 12, 14 AWG Solid (4.0 mm <sup>2</sup> , 2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> )	4.3 oz. (122 g)

### Wire Strippers/Cutters

- Strips six standard wire sizes without nicking wire
- Scissors action of 1/2" (13 mm) wide cutter makes clean cuts with little effort
- Serrated nose jaws to bend, shape or pull wire; holes for looping wire ends
- Spring-loaded for self-opening action
- Comfortable, plastic-covered handles

**SOLID**  
10 - 20 AWG

**STRANDED**  
12 - 22 AWG



1011

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight
1011M	Blue	6-1/8" (155.6 mm)	0.15 to 4.0 mm <sup>2</sup> Stranded Wire	3.7 oz. (104 g)
1011	Blue	6-1/8" (155.6 mm)	10 - 20 AWG Solid (4.0 mm <sup>2</sup> - 0.50 mm <sup>2</sup> ), 12 - 22 AWG stranded (2.5 mm <sup>2</sup> - 0.34 mm <sup>2</sup> )	3.7 oz. (104 g)

### Adjustable Wire Strippers/Cutters - Solid and Stranded Wire

- A handy, light, compact tool for stripping insulation
- Convenient hole for looping or bending wire
- Black-oxide finish with plastic-dipped handles
- Cuts, strips, and loops 12-26 solid and stranded wire
- Adjustable slide stop with set screw for repeat stripping work

**SOLID**  
12 - 26 AWG

**STRANDED**  
12 - 26 AWG



1004

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Hold-Open Spring	Weight
1004	Yellow	5" (127.0 mm)	12 - 26 AWG Solid and Stranded (2.5 mm <sup>2</sup> - 0.14 mm <sup>2</sup> )	Yes	Yes
1003	Yellow	5" (127.0 mm)	12 - 26 AWG Solid and Stranded (2.5 mm <sup>2</sup> - 0.14 mm <sup>2</sup> )	No	2.2 oz. (64 g)

### Adjustable Wire Stripper/Cutter - Solid and Stranded Wire

- Simply dial desired wire size for fast, easy stripping
- Adjustable tool makes short work of cutting and stripping operations
- Finely honed nose cutter easily gets into tight areas
- Wire gauge dial sets stripping dies to proper size, helps prevent nicked wire
- Black-oxide finish with plastic-dipped handles
- Spring-loaded design - tool opens automatically after each action

**SOLID**  
12 - 24 AWG

**STRANDED**  
12 - 24 AWG



74007

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight
74007	Yellow	5-1/8" (130.2 mm)	12 - 24 AWG Solid and Stranded (2.5 mm <sup>2</sup> - 0.25 mm <sup>2</sup> )	2.4 oz. (68 g)





## Wire Strippers/Cutters

### Katapult™ Wire Stripper/Cutters KATAPULT

- Quick and easy wire stripping and cutting
- Compound action wire stripping: grip and strip via single action squeezing motion
- Precision machined stripping holes easily remove jacket insulation without damaging the wire
- Removes up to 1" (24 mm) in length of the insulation layer (jacket layer) in a single step
- Tension loaded wire-grip gently holds the cable in place while retaining the cable geometry
- Recoil spring design returns tool to ready position upon cycle completion
- Cast alloy chassis with heavy-duty Ecoat finish for corrosion resistance and durability
- Additional precision machined steel cutting blades available



11063W

Cat. No.	Handle Color	Overall Length	Strips	Weight
11063W	Blue/Black	6-19/32" (167.5 mm)	8 - 24 AWG solid (6.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> ), 10-22 AWG stranded (6.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> )	12.0 oz. (340 g)

Cat. No.	Application	Weight
<b>Replacement Blades Sets</b>		
VDV110-046	RG6 Coaxial Cable	0.16 oz. (4.5 g)
11082	10 AWG Max Wire	0.16 oz. (4.5 g)
11073	8 - 22 AWG ((6.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> )	0.01 lbs. (0.005 kg)
11074	16 - 26 AWG ((1.0 mm <sup>2</sup> - 0.14 mm <sup>2</sup> )	0.01 lbs. (0.005 kg)
<b>Wire Stop/Gauge</b>		
11081	Adjustable Wire Stop	0.16 oz. (4.5 g)

### Self-Adjusting Wire Stripper/Cutter

- Strips 10-20 AWG solid, 12-22 AWG stranded, and 12/2 & 14/2 Romex® wire
- Adjustable stopper to control the length of the core strip
- Convenient wire cutter in handle
- Grooved grips are designed for added comfort



11061

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight
11061	Blue/Black	8-1/4" (209.6 mm)	10 - 20 AWG Solid (4.0 mm <sup>2</sup> - 0.50 mm <sup>2</sup> ), 12 - 22 AWG stranded (2.5 mm <sup>2</sup> - 0.34 mm <sup>2</sup> ), 12/2 and 14/2 Romex®	12.6 oz. (358 g)

Romex® is a registered trademark of Southwire Company.



### NM Cable Ripper

- Easy-to-use cable ripper
- Slit the outer jacket of Romex® cable (all sizes) and other nonmetallic (type NM) sheathed cable
- Measure conductor wire gauge



74017

Cat. No.	Overall Length	Slits	Measures Wire Gauge	Weight
74017	4" (101.6 mm)	All Sizes of Romex® and NM	8 - 14 AWG (6 mm <sup>2</sup> - 1 mm <sup>2</sup> )	1.3 oz. (37 g)

Romex® is a registered trademark of Southwire Company.



## Combination Wire-Stripping and Crimping Tools

### Multi-Purpose 6-in-1 Tool

- Cleanly shears bolts
- Easily cuts and strips wire
- Measures stud sizes
- Gauges wire sizes
- Crimps insulated terminals
- Comfortable, plastic-covered handles



**SOLID**  
8 - 22 AWG

**STRANDED**  
10 - 26 AWG



1000

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Bolt Size	Weight
1000	Red	7-3/4" (196.9 mm)	8 - 22 AWG Solid (6.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> ), 10 - 26 AWG Stranded (4.0 mm <sup>2</sup> - 1.0 mm <sup>2</sup> )	4-40, 6-32, 8-32, 10-24, 10-32	7.0 oz. (198 g)

### Multi-Purpose Electrician's Tool

- Two wire cutters-one at tip, the other halfway back near stripping holes-double the utility of this tool
- Color-coded crimping dies for 10-22 AWG insulated and non-insulated terminals
- Cleanly shears bolts
- Pivot nut adjusts tension
- Wire-looping holes near tip
- Full-sized, plastic-covered cushioned handles for comfort



**SOLID**  
8 - 22 AWG

**STRANDED**  
10 - 26 AWG



1001

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Bolt Size	Weight
1001	Red	8-1/2" (215.9 mm)	8 - 22 AWG Solid (6.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> ), 10 - 26 AWG Stranded (4.0 mm <sup>2</sup> - 1.0 mm <sup>2</sup> )	4-40, 6-32, 8-32, 10-24, 10-32	7.5 oz. (213 g)

### Multi-Purpose Long-Nose Tool

- Easily cuts and strips wire
- Narrow, serrated pliers nose to pull, loop, and bend wire
- Long, curved cutting blade
- Cutters and strippers are in front of the pivot for maximum ease-of-use in reaching into tight places
- Crimps insulated and non-insulated terminals and 7 to 8 mm ignition terminals
- Cleanly shears bolts
- Plastic-covered cushioned handles for comfort



**SOLID**  
10 - 20 AWG

**STRANDED**  
12 - 22 AWG



1010

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Bolt Size	Connectors	Weight
1010	Blue	8-1/4" (209.6 mm)	10 - 20 AWG, 12 - 22 AWG	4-40, 5-40, 6-32, 8-32, 10-32, 10-24	10 - 22 Gauge	6.9 oz. (196 g)

## Crimping Tools

### Crimping/Cutting Tools - Non-Insulated/Insulated Terminals

- Crimping die marked for insulated and non-insulated solderless terminals and connectors
- Tapered nose design for working in confined spaces
- Specially hardened wire cutter in nose
- Hot-riveted joint for smooth action and no handle wobble



1005

Cat. No.	Overall Length	Handle Finish	Handle Color	Crimps	Weight
1005	9-3/4" (247.7 mm)	Plastic-dipped	Red	10 - 22 AWG (4.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> )	12.8 oz. (363 g)
<b>Journeyman Series - Dual-material handles</b>					
J1005	9-3/4" (247.7 mm)	Journeyman	Red/Black	10 - 22 AWG (4.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> )	13.4 oz. (381 g)



## Crimping Tools

### Crimping/Cutting Tool - Non-Insulated Terminals

- Designed for crimping non-insulated solderless terminals and connectors
- Specially hardened wire cutter in nose
- Tapered nose for working in confined spaces
- Hot-riveted joint for smooth action and no handle wobble



1006

Cat. No.	Handle Color	Overall Length	Crimps	Weight
1006	Black	9-3/4" (247.7 mm)	10 - 22 AWG (4.0 mm <sup>2</sup> - 0.34 mm <sup>2</sup> )	13.6 oz. (386 g)

### Large Crimp Tool - Compound-Action

- Crimps #6-4/0 AWG battery lugs and terminals
- Ultra-comfortable hand grips for easy use
- All-in-one, integral crimp nest. No removable parts or rotating dies
- High-leverage handles and compound-action mechanism for superior mechanical advantage
- Adjustment screw allows user to control crimp depth



2006

Cat. No.	Handle Color	Overall Length	Crimps	Weight
2006	Red	19-1/2" (495.3 mm)	#6 - 4/0 AWG battery lugs and terminals	3.8 lbs. (1.72 kg)

## Ratcheting Crimpers

### Ratcheting Crimpers - Insulated Terminals

- Cat. No. T1715 full cycle ratcheting crimper crimps insulated terminals in wire sizes 22-16 (front cavity), 16-14 (middle cavity), and 12-10 (rear cavity)
- Cat. No. T1710 compound-action tool crimps 10-22 AWG insulated terminals to meet or exceed MIL-SPEC pull-out tests
- Cat. No. T1710 features special locator to quickly position terminal to double crimp
- Built-in ratchet with safety release assures uniform crimps every time
- Compound lever-action of narrow span handles puts more crimping power into each squeeze
- Comfort-grip plastic handles



T1715



T1710

Cat. No.	Handle Color	Overall Length	Crimps	Weight
T1715	Black	9" (228.6 mm)	22-16/16-14/ 12-10	1.1 lbs. (0.50 kg)
T1710	Black	9" (228.6 mm)	10 - 22 AWG	1.1 lbs. (0.50 kg)



# Cable and Bolt Cutters

Klein exceeds the highest standards to create superior cable and bolt cutters, offering greater cutting power, clean and precise cuts, as well as long life. Klein cable and bolt cutters are a cut above the rest.



For Professionals...  
Since 1857™

# Cable and Bolt Cutters



**Plastic-dipped handles** for comfort and ease of identification

**FORGED STEEL**  
from Klein's US-made, proprietary blend

## Cable Cutters

**Hot-rieveted joint** ensures smooth action and no handle wobble

**Through-hardened** (not case-hardened) for longer-lasting cutting surfaces

**Beveled jaw tips** provide proper mating and shearing action, which protects leading jaw edges



## High-Leverage Cable Cutters

### Additional Features:

- High-leverage design for exceptional cutting capability
- Precision, one-hand shearing action
- Cable-gripping shear-type jaws
- Perfect for working in confined spaces
- Can be carried in most tool pouches



63050

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Handle Finish	Weight
63050	9-1/2" (241.3 mm)	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	Red	Plastic-dipped	14.4 oz. (408 g)
<b>Journeyman Series – Dual-material handles</b>					
J63050	9-9/16" (242.9 mm)	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	Red/Black	Journeyman	15.7 oz. (445 g)

## Cable Cutters - Coaxial

### Additional Features:

- Cable-gripping jaws quickly score jacket and insulation, and easily cut through copper inner conductor
- Blades cleanly cut aluminum and copper coaxial cable without compression and frayed ends
- Forged body with heat-treated and precision-ground steel blade withstands frequent cutting
- Hot-rieveted design requires no adjustment while maintaining a smooth, precise operation
- Compact, lightweight design fits perfectly in any professional's tool pouch
- When cutting drop wire with an inner steel conductor, we recommend our 2000 Series cutting pliers



63028



63030

**WARNING:** Do NOT cut steel or ACSR.

Cat. No.	Handle Color	Overall Length	Soft Cable-Cutting Maximum Capacity	Weight
63028	Yellow	8-1/4" (209.6 mm)	3/4" (19.1 mm)	12.8 oz. (363 g)
63030	Blue	8-1/4" (209.6 mm)	1" (25.4 mm) Diameter	13.3 oz. (377 g)

See page 310 for additional information on warnings.



**WARNING:** Do NOT cut steel or ACSR.

[www.kleintools.com](http://www.kleintools.com)

## Cable Cutters

### Compact Cable Cutter

**Additional Features:**

- Precise, one-hand shearing action cuts 24 AWG copper, aluminum multi-strand cable and wire, and 100-pair telephone cable
- Special shear angle cuts cleanly without compression to cable geometry for telecom cable work
- Heat-treated, high-carbon steel shearing edges for long life
- Forged body with 3/8" (10 mm) case-hardened rivet



63055

**WARNING:** Do NOT cut steel or ACSR.

Cat. No.	Handle Color	Overall Length	Maximum Cable Cutting Capacity	Weight
63055	Red	8" (203.2 mm)	24 AWG Copper, Aluminum Multi-Strand Cable and Wire, and 100-Pair Telephone Cable	10.4 oz. (295 g)

### All-Purpose Shears and BX Cutter

**Additional Features:**

- High-leverage, shear-type design for one-hand operation
- Lightweight and compact
- Stripping notch for added convenience
- Cuts BX cable, sheet metal, steel strapping, and bundling wire
- Handle cavity is designed to restore BX cable to original shape after cutting



1104

**WARNING:** Do NOT cut steel or ACSR.

Cat. No.	Handle Color	Overall Length	Length of Cut	Weight
1104	Red	7-5/8" (193.7 mm)	7/8" (22.2 mm)	9.6 oz. (272 g)

### Heavy-Duty Cable Shears

- Heavy-duty, tempered steel blades
- Cuts ACSR, steel, and most hardened wire
- Blades grip cable and cut easily at center of jaws
- Lock keeps handles closed for easy storage
- Comfortable, plastic-coated handles for steady grip
- Hardened steel, precision cutting blades for long service life
- Unique triangular jaws cleanly cut cable without compression or frayed ends



63016

Cat. No.	Handle Color	Overall Length	Maximum Cable Cutting Capacity	Weight
63016	Blue	7-1/2" (190.5 mm)	Up to 1/4" (6.4 mm) Copper and Mild Steel Strands, up to 3/16" (4.8 mm) Aircraft Cable, Wire Rope, Aluminum and Copper Rods, up to 5/32" (4.0 mm) for Steel and Iron Rods	10.4 oz. (295 g)

### Multi-Cable Cutter **KLEIN-KURVE™**

- Hardened steel precision-ground cutting blades for long life
- Copper curved cutter cleanly cuts round copper cable without compression or frayed ends
- Anvil cutter for solid and stranded copper wire up to 12 AWG and stainless steel up to 0.032" (0.81 mm) diameter
- Mild steel cutter for conductors up to 0.080" (2 mm) diameter
- Curved cutter for solid and stranded copper wire up to 8 AWG, multi-conductor cable up to 1/2" (13 mm) diameter and coaxial cable RG-6 Quad, RG-59, and RG-62
- Double-dipped grips for comfort
- Coil spring provides fast self-opening action
- Holes for looping and bending wire
- New lock design for convenient storage also prevents accidental locking and loosening over time



63020



Cat. No.	Handle Color	Overall Length	Screw Shearing	Weight
63020	Red	7" (177.8 mm)	6-32 & 8-32	7.0 oz. (198 g)



## Cable Cutters

### Utility Cable and Rope Cutters

- Forged steel with black-oxide finish for long life
- Shear-type hook jaws grab and hold cable while shear-cutting action makes clean cuts
- Beveled tips for positive mating
- Hinge bolt with pin-set nut for proper blade tension
- Cat. No. 63035SC cuts wire up to 9/32" (7 mm) and Stoffel® container seals
- Cat. No. 63035 is not designed to cut steel or ACSR



Cat. No.	Handle Color	Overall Length	Maximum Cable Cutting Capacity	Weight
63035	Red	16-1/4" (412.8 mm)	MCM Cable 350 Copper, 350 Aluminum	1.7 lbs. (0.77 kg)
63035SC	Red	18" (457.2 mm)	9/32" (7.1 mm) Wire Rope and Cables	2.0 lbs. (0.91 kg)

### Standard and Communication Cable Cutters

- Lightweight, yet efficient shear-type cable cutters
- Replaceable hook-jaw blades grab and hold cable while shear-cutting action makes clean cuts
- Exceptionally strong fiberglass handles with heavy vinyl grips for comfort and slip resistance
- Heavy-duty pins in head serve as blade-stops
- Jaws are forged tool steel with black-oxide finish for long life
- Beveled tips assure positive mating, and hinge on a rugged bolt with a pin-set nut to maintain proper blade tension
- Makes a clean, even cut for ease in fitting lugs and terminals
- Cat. No. 63041TH includes rubber sleeves
- Cat. No. 63047 cuts lead or rubber-covered communications cable



**WARNING:** Do NOT cut steel or ACSR.

Cat. No.	Soft Cable-Cutting Maximum Capacity	MCM Cable-Cutting Maximum Capacity	Overall Length	Weight
63041	1-3/8" (34.9 mm) Diameter	500 Copper, 750 Aluminum	25-1/2" (647.7 mm)	5.3 lbs. (2.40 kg)
63041TH	1-3/8" (34.9 mm) Diameter	500 Copper, 750 Aluminum	25-1/2" (647.7 mm)	5.3 lbs. (2.40 kg)
63045	1-3/4" (44.5 mm) Diameter	1000 Copper, 1200 Aluminum	32" (812.8 mm)	8.0 lbs. (3.63 kg)
63047	Up to 2-1/4" (57.2 mm) Diameter	900-Pair Soft Copper and Aluminum	37" (939.8 mm)	8.6 lbs. (3.90 kg)

#### Replacement Cable Cutter Heads (complete)

Cat. No.	For Use With	Weight
63081	63041	2.1 lbs. (0.95 kg)
63090	63045	3.3 lbs. (1.50 kg)
63110	63047	3.5 lbs. (1.59 kg)



## Cable Cutters

### Ratcheting Cable Cutters

- High-leverage ratchet mechanism for single-handed cutting of copper and aluminum cables, leaving no burrs or sharp edges
- Requires fewer strokes per cut
- Open jaw design works in confined spaces (Cat.No. 63711)
- Quick-release lever opens blades easily in every cutting position (Allows removal of the cable before completion of cut)
- Holds cables tight and allows rapid, straight cuts with minimum effort
- Hardened steel cutting blades for lasting strength and sharpness
- Plastic covered handles with hand guards for comfort and firm grip
- Locking lever keeps handles closed for easy transport; fits in a toolbox or bag
- One-year warranty (Cat. No. 63060 & 63750)

**⚠ WARNING:** Do NOT cut steel or ACSR.

**Replacement parts available**  
(blades, handles, springs, pawl sets and release plates).  
Go to [www.kleintools.com](http://www.kleintools.com) or call 800-553-4676  
for a full listing of replacement parts.



63060



63711



63750

Cat. No.	Handle Color	Overall Length	MCM Maximum Cable Capacity (Copper)	MCM Maximum Cable Capacity (Aluminum)	MCM Maximum Cable Capacity (Communication Cable)	Weight
63060	Red	10-1/4" (260.4 mm)	400 MCM (185 mm <sup>2</sup> )	600 MCM (300 mm <sup>2</sup> )	1-1/8" (28.6 mm)	1.3 lbs. (0.59 kg)
63711	Red	11-1/2" (292.1 mm)	600 MCM (300 mm <sup>2</sup> )	750 MCM (400 mm <sup>2</sup> )	1-1/8" (28.6 mm)	2.0 lbs. (0.91 kg)
63750	Red	12-1/8" (308.0 mm)	1000 MCM (500 mm <sup>2</sup> ), Frequent Use: 750 MCM (400 mm <sup>2</sup> )	1000 MCM (500 mm <sup>2</sup> ), Frequent Use: 750 MCM (400 mm <sup>2</sup> )	2-1/16" (52.4 mm)	1.8 lbs. (0.82 kg)

### ACSR Ratcheting Cable Cutter

- High-leverage ratcheting mechanism for easier cutting
- Quick-release lever opens blades easily in every cutting position. (Allows removal of the cable before completion of cut)
- Hardened steel cutting blades for long lasting strength and sharpness
- Tools can be locked when not in use
- Cat. No. 63800ACSR features cutting inserts that are easily replaced by simply removing 3 screws per blade

**Replacement parts available**  
(blades, handles, springs, pawl sets and release plates).  
Go to [www.kleintools.com](http://www.kleintools.com) or call 800-553-4676  
for a full listing of replacement parts.



63607



63800ACSR

Cat. No.	Handle Color	Overall Length	MCM Maximum Cable Capacity (Copper)	MCM Maximum Cable Capacity (Aluminum)	MCM Maximum Cable Capacity (ACSR)	MCM Maximum Cable Capacity (Guy Strand)	Weight
63607	Yellow	10-1/4" (260.4 mm)	400 MCM (185 mm <sup>2</sup> )	600 MCM (300 mm <sup>2</sup> )	336 MCM (170 mm <sup>2</sup> )	—	1.5 lbs. (0.68 kg)
63800ACSR	Red	13-3/4" (349.3 mm)	1" (25.4 mm)	1-1/4" (31.8 mm)	477 MCM (273 mm <sup>2</sup> )	1/2" (12.7 mm)	3.2 lbs. (1.45 kg)





## Cable Cutters

### Ratcheting ACSR Cable Cutter - Heavy-Duty



- Ratchet-action design provides maximum leverage with minimum effort for heavy-duty use
- Blade-advance knob for fast rotation of the blade to engage the cable or other material being cut, plus a quick-release mechanism allows for removal of the cable or rod before completion of the cut, if desired
- Not designed for cutting EHS guy strand or reinforcement rod
- Cuts steel and ACSR
- Forged, heat-treated, shear-type blades, plus 17" (432 mm) long fiberglass handles with heavy duty grips for comfort and slip resistance

63700

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Steel Cable-Cutting Maximum Capacity	Weight
63700	28" (711.2 mm)	2-1/4" (57.2 mm) Diameter, 750 MCM (1-3/8" [34.9 mm]) Diameter, Copper or Aluminum	1-1/4" (31.8 mm) Diameter ACSR, ACAR, 7/16" (11.1 mm) Diameter Common Guy Strand, 5/8" (15.9 mm) Diameter Steel Wire Rope, 1/2" (12.7 mm) Diameter Steel Rod (C.R.S. SOFT)	14.0 lbs. (6.35 kg)

## Bolt Cutters

### Heavy-Duty Ratcheting Bolt Cutter

- Cuts 1/2" utility-grade guy strand, 3/8" EHS
- Spring-loaded cable retention hook snaps onto the cable in one hands-free motion and keeps strands between cutting blades
- Long handles provide leverage when cutting
- Lockplate reinforcement prevents jaw bolts from loosening or turning, keeps jaws in correct alignment



63RBCHD

## EASY AS



### OPEN

movable handle to full extension to open cutting jaws



### SNAP

cable between cutting jaws



### CUT

cable using ratcheting handle

Cat. No.	Cutting Capacity	Up to HRC	Overall Length	Weight
63RBCHD <b>NEW!</b>	1/4" - 1/2" (6.4 - 12.7 mm) Guy Strand up to 3/8" (9.5 mm) EHS	Rockwell C31, Rockwell C42	31" (787.4 mm)	10 lbs. (4.54 kg)

See page 310 for additional information on warnings.



## Bolt Cutters

### Bolt Cutters - Steel and Fiberglass Handle

- All-purpose, center-cut jaws
- Forged, alloy tool steel jaws are precision ground for sure, efficient cutting and long life
- Lock plate reinforcement prevents jaw bolts from loosening or turning, keeping jaws in correct alignment
- NOT for cutting cable



63314

Cat. No.	Handle Type	Overall Length	Soft & Medium Cutting Max. Capacities	Hard Material Cutting Max. Capacities	Weight
<b>Steel Handles</b>					
63314	Steel	14" (355.6 mm)	5/16" (7.9 mm)	3/16" (4.8 mm)	3.2 lbs. (1.45 kg)
63318	Steel	18" (457.2 mm)	3/8" (9.5 mm)	1/4" (6.4 mm)	3.6 lbs. (1.63 kg)
63324	Steel	24" (609.6 mm)	7/16" (11.1 mm)	5/16" (7.9 mm)	6.3 lbs. (2.86 kg)
63330	Steel	30" (762.0 mm)	1/2" (12.7 mm)	3/8" (9.5 mm)	10.2 lbs. (4.63 kg)
63336	Steel	36" (914.4 mm)	9/16" (14.3 mm)	7/16" (11.1 mm)	14.3 lbs. (6.49 kg)
63342	Steel	42" (1066.8 mm)	11/16" (17.5 mm)	1/2" (12.7 mm)	19.2 lbs. (8.71 kg)
<b>Fiberglass Handles</b>					
63118	Fiberglass	18-1/4" (463.6 mm)	3/8" (9.5 mm)	1/4" (6.4 mm)	3.7 lbs. (1.68 kg)
63124	Fiberglass	24-1/2" (622.3 mm)	7/16" (11.1 mm)	5/16" (7.9 mm)	6.1 lbs. (2.77 kg)
63130	Fiberglass	30-1/2" (774.7 mm)	1/2" (12.7 mm)	3/8" (9.5 mm)	9.5 lbs. (4.31 kg)
63136	Fiberglass	36-1/2" (927.1 mm)	9/16" (14.3 mm)	7/16" (11.1 mm)	13.0 lbs. (5.90 kg)

\* Up to Brinell 300, Rockwell C31. \*\* Up to Brinell 400, Rockwell C42.

#### Replacement Blades

Cat. No.	For Use With	Weight
63224	63124	2.00 lbs. (0.9 kg)
63814	63314	0.81 lbs. (0.37 kg)
63818	63318	1.22 lbs. (0.55 kg)
63824	63324	1.94 lbs. (0.88 kg)
63831	63330	3.06 lbs. (1.39 kg)
63836	63336	4.50 lbs. (2.04 kg)
63842	63342	6.03 lbs. (2.74 kg)

#### Replacement Fiberglass Handle Sets

63131	63130	5.00 lbs. (2.27 kg)
63137	63136	7 lbs. (3.2 kg)

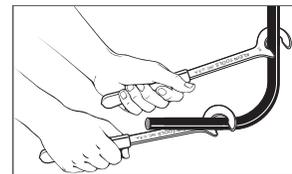
## Cable Benders

- Durable forged and one-piece steel construction for exceptional strength
- Head is angled 22° for ease in bending cable in tight, hard-to-access places
- Corrosion-resistant, black-oxide finish with heavy-duty double-dipped plastic handle
- It is recommended that two benders be used for easier bends



50400

Cat. No.	Overall Length	Tool Opening	Maximum Cable Capacity	Weight
50400	12" (304.8 mm)	7/8" (22.2 mm)	350 MCM	14.4 oz. (408 g)
50402	14-1/2" (368.3 mm)	1-1/64" (25.8 mm)	500 MCM	1.6 lbs. (0.73 kg)



# Insulated Tools

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Klein insulated tools combine excellent functionality along with reduction of risk of injury where a tool might make contact with an energized source with voltage up to 1000 volts.



For Professionals...  
Since 1857™

# Electrician's Insulated Tools

## FORGED STEEL

from Klein's US-made, proprietary blend

**Durable, three component molded insulation** provides protection against electric shock

**Induction hardened** cutting knives for long life

**Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool**

**Forged steel handle**

**Hot-riveted joint** ensures smooth action and no handle wobble

**Multi-color, sleek design with small thumb guards** for ease of handling and storage

**A flame retardant, impact-resistant, multi-color outer coating**



**Klein electrician's insulated tools meet or exceed IEC 60900: 2012, ASTM F1505, and VDE standards and are clearly marked with the official 1000-volt rating symbol.**

**2000**™ series pliers available.  
HEAVY-DUTY CUTTING Cuts ACSR, screws, nails, and most hardened wire

The Electrician's line of insulated tools provides a multi-color, sleeker design than the Classic Lineman's insulated tools. 1000V rated and individually tested to conform to ASTM F1505, IEC 60900. EINS tools have passed VDE third party testing certification to the IEC 60900 standard. This line of tools provides the everyday protection the electrician needs in a compact, lightweight design.

Catalog numbers for Klein electrician's insulated tools have the suffix "EINS" and are marked with the official international 1000-volt rating symbol. Not all tools with plastic coatings or plastic handles provide protection against electrical shock. **Only use those tools that are marked with the official international 1000-volt rating symbol, as shown, if there is any chance that the tool will make contact with an energized source. Product numbers with the EINS suffix contain these warnings below and must be understood.**

**⚠️WARNING:** Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.



**⚠️WARNING:** Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

**⚠️WARNING:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

**⚠️WARNING:** Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

**⚠️WARNING:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.





## Electrician's Insulated Pliers

### Electrician's Insulated High-Leverage Side-Cutting Pliers

**Additional Features:**

- High-leverage design provides 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws
- 2000 Series cuts ACSR, screws, nails and most hardened wires



213-9NE-EINS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Weight
213-8NE-EINS	New England	8-13/16" (223.8 mm)	1-7/16" (36.5 mm)	1-7/64" (28.2 mm)	5/8" (15.9 mm)	3/4" (19.1 mm)	1.0 lbs. (0.45 kg)
213-9NE-EINS	New England	9-5/8" (244.5 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	1.3 lbs. (0.59 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>							
2000-9NE-EINS	New England	9-5/8" (244.5 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	1.3 lbs. (0.59 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

### Electrician's Insulated High-Leverage Diagonal Cutting Pliers



**Additional Features:**

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other pliers designs
- Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish
- 13° angled head for easier work in confined spaces (Cat. No. 2000-48-EINS)



2000-28-EINS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Weight
2000-28-EINS	Tapered	8-1/4" (209.6 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	11.2 oz. (318 g)
2000-48-EINS	Angled	8-1/4" (209.6 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	11.2 oz. (318 g)

### Electrician's Insulated Long-Nose Pliers - Side-Cutting

**Additional Features:**

- Induction-hardened cutting knives for long life
- Knurled jaws for sure wrapping and looping
- Cat. No. 203-8-EINS features heavier design for easier, more comfortable cutting and extended handle for added reach and leverage
- Cat. Nos. 203-6-EINS and 203-7-EINS has curved handles to provide greater tool control



203-8-EINS



203-7-EINS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Weight
<b>Heavier Design</b>							
203-8-EINS	8-7/8" (225.4 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	11.2 oz. (318 g)
<b>Standard Design</b>							
203-6-EINS	6-7/8" (174.6 mm)	1-15/16" (49.2 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	4.8 oz. (136 g)
203-7-EINS	7-3/8" (187.3 mm)	2-7/16" (61.9 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	4.8 oz. (136 g)



## Electrician's Insulated Pliers

### Electrician's Insulated Combination Pliers

**Additional Features:**

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals
- Toothed pipe-grip for greater power



12098-EINS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Weight
12098-EINS	Universal	8-7/8" (225.4 mm)	1-25/32" (45.2 mm)	1-1/32" (26.2 mm)	1/2" (12.7 mm)	3/4" (19.1 mm)	1.0 lbs. (0.45 kg)

### Electrician's Insulated Pump Pliers

**Additional Features:**

- Secure tongue and groove design for non-slip grip - even with heavy pressure



502-10-EINS

Cat. No.	Overall Length	Max. Jaw Capacity	Weight
502-10-EINS	10-1/4" (260.4 mm)	1-3/4" (44.5 mm)	1.0 lbs. (0.45 kg)

## Electrician's Insulated Cable Cutter

### Electrician's Insulated High-Leverage Cable Cutter

**Additional Features:**

- High-leverage design for exceptional cutting capability
- Cable-gripping shear-type jaws
- Precision, one-hand shearing action
- Perfect for working in confined spaces
- Do NOT use to cut steel or ACSR



63050-EINS

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Weight
63050-EINS	9-5/8" (244.5 mm)	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	1.0 lbs. (0.45 kg)

## Electrician's Insulated Stripper/Cutter

### Electrician's Insulated Solid & Stranded Stripper/Cutter

**Additional Features:**

- Cuts, strips, loops and gauges both solid and stranded wire
- Spring-loaded for self-opening
- Serrated nose for easy bending, shaping and pulling of wire
- Cleanly shears 6-32 and 8-32 screws
- Do not use for cutting steel wire

**KLEIN-KURVE**



11054-EINS

**SOLID**  
8 - 16 AWG

**STRANDED**  
10 - 18 AWG



Cat. No.	Overall Length	Strips and Cuts	Weight
11054-EINS	8" (203.2 mm)	8 - 16 AWG Solid (8.4 mm <sup>2</sup> - 1.3 mm <sup>2</sup> ), 10 - 18 AWG Stranded (5.3 mm <sup>2</sup> - 0.82 mm <sup>2</sup> )	8.0 oz. (227 g)



## Classic Insulated Tools

**FORGED STEEL**

from Klein's US-made, proprietary blend

**MADE IN USA**

**Integral guards** help prevent hand contact with conductive parts

**Induction hardened** cutting knives for long life

**Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool**



**Forged steel handle**

**A flame retardant, impact-resistant, bright orange outer coating**

 **1000 V**

**Hot-riveted joint** ensures smooth action and no handle wobble

**2000 series** pliers available.  
HEAVY-DUTY CUTTING

Cuts ACSR, screws, nails, and most hardened wire

All Classic Klein insulated tools comply with ASTM F-1505 and IEC 60900-2004 standards for insulated tools and are clearly marked with the official international 1000-volt rating symbol. Not all tools with plastic coatings or plastic handles provide protection against electrical shock. The large, bright orange handles make the tool comfortable to use all day and easy to identify in the field. **Only use those tools that are marked with the official international 1000-volt rating symbol, as shown, if there is any chance that the tool will make contact with an energized source. Product numbers with the INS suffix contain these warnings and must be understood.**

**⚠ WARNING:** Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.

 **1000 V**

**⚠ WARNING:** Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

**⚠ WARNING:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

**⚠ WARNING:** Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

**⚠ WARNING:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

## Insulated High-Leverage Side-Cutting Pliers

### Additional Features:

- High-leverage design provides 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



D213-9NE-INS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Weight
D213-9NE-INS	New England	9-5/8" (244.5 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	1.3 lbs. (0.59 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>							
D2000-9NE-INS	New England	9-5/8" (244.5 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	25/32" (19.8 mm)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

## Insulated High-Leverage Side-Cutting Pliers - Connector Crimping

### Additional Features:

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals
- High-leverage design provides 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



D213-9NECR-INS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Weight
D213-9NE-CR-INS	New England	9-5/8" (244.5 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	1.3 lbs. (0.59 kg)

See page 310 for additional information on warnings.



## Insulated Pliers – Classic

### Insulated High-Leverage Universal Side-Cutting Pliers - Connector Crimping

**Additional Features:**

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals
- Toothed pipe-grip for greater power



12098-INS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Weight
12098-INS	Universal	8-7/8" (225.4 mm)	1-25/32" (45.2 mm)	1-1/32" (26.2 mm)	1/2" (12.7 mm)	3/4" (19.1 mm)	1.0 lbs. (0.45 kg)

### Insulated High-Leverage Diagonal-Cutting Pliers

**Additional Features:**

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other pliers designs
- 13° angled head for easier work in confined spaces Cat. Nos. D248-8-INS and D2000-48-INS series



D228-8-INS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Weight
D228-8-INS	Tapered	8-1/4" (209.6 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	11.2 oz. (318 g)
D248-8-INS	Angled	8-1/4" (209.6 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	11.2 oz. (318 g)
<b>2000 Series* – Heavy-duty cutting knives</b>							
D2000-28-INS	Tapered	8-1/4" (209.6 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	11.2 oz. (318 g)
D2000-48-INS	Angled	8-1/4" (209.6 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	11.2 oz. (318 g)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

### Insulated Heavy-Duty Diagonal-Cutting Pliers - Tapered Nose

**Additional Features:**

- Heavy-duty tapered nose design
- One-inch deep jaws easily reach into confined spaces



D220-7-INS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Weight
D220-7-INS	Tapered	7-7/8" (200.0 mm)	1" (25.4 mm)	31/32" (24.6 mm)	1/2" (12.7 mm)	Standard	11.2 oz. (318 g)

### Insulated Long-Nose Pliers - Side-Cutting

**Additional Features:**

- Knurled jaws for sure wrapping and looping
- Cat. Nos. D203-8-INS and D203-8N has extended handles provide added reach and leverage
- Cat. Nos. D203-6-INS and D203-7-INS have curved handles to provide greater tool control
- Cat. No. D203-8N-INS has skinning hole for No. 12 AWG wire



D203-8N-INS



D203-7-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Knife Length	Weight
<b>Heavier Design</b>							
D203-8-INS	8-7/8" (225.4 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	Standard	5/8" (15.9 mm)	11.2 oz. (318 g)
D203-8N-INS	8-7/8" (225.4 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	Standard	5/8" (15.9 mm)	11.2 oz. (318 g)
<b>Standard Design</b>							
D203-6-INS	6-7/8" (174.6 mm)	1-15/16" (49.2 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	Standard	1/2" (12.7 mm)	4.8 oz. (136 g)
D203-7-INS	7-3/8" (187.3 mm)	2-7/16" (61.9 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	Standard	1/2" (12.7 mm)	4.8 oz. (136 g)





## Insulated Pliers – Classic

### Insulated Pump Pliers

**Additional Features:**

- Secure tongue and groove design for non-slip grip - even with heavy pressure

Cat. No.	Overall Length	Max. Jaw Capacity	Weight
D502-10-INS	10-1/4" (260.4 mm)	1-3/4" (44.5 mm)	1.0 lbs. (0.45 kg)



D502-10-INS

## Insulated Crimping/Cutting/Stripping Tools – Classic

### Insulated Crimping/Cutting Tool

**Additional Features:**

- Tapered nose design for working in confined spaces
- Crimping dies marked for insulated and non-insulated solderless terminals and connectors
- Accommodates wire from No. 10 to 22 AWG
- Wire cutter in nose

Cat. No.	Overall Length	Crimps	Weight
1005-INS	9-3/4" (247.7 mm)	10 - 22 AWG	1.0 lbs. (0.45 kg)



1005-INS

### Insulated High-Leverage Cable Cutter

**Additional Features:**

- Special, high-leverage design for exceptional cutting capability
- Cable-gripping shear-type jaws
- Precision, one-hand shearing action
- Perfect for working in confined spaces
- Do NOT use to cut steel or ACSR

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Weight
63050-INS	9-5/8" (244.5 mm)	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	1.0 lbs. (0.45 kg)



63050-INS

### Insulated Wire Stripper/Cutters

**Additional Features:**

- Cuts, strips, loops and gauges wire
- Spring-loaded for self-opening
- Compact, lightweight wire-stripping and cutting tool
- Narrow nose fits into tight places
- Do not use for cutting steel wire or bolts
- Hardened spring steel with precision-ground stripping holes for easy removal of insulation
- Cat. No. 11055-INS cleanly shears 6-32 and 8-32 screws

Cat. No.	Overall Length	Strips and Cuts	Weight
11045-INS	7" (177.8 mm)	10, 12, 14, 16, 18 Solid AWG (4.0 mm <sup>2</sup> , 2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> , 1.0 mm <sup>2</sup> , 0.75 mm <sup>2</sup> )	9.6 lbs. (4.35 kg)
11049-INS	7" (177.8 mm)	8, 10, 12, 14, 16 Stranded AWG (6.0 mm <sup>2</sup> , 4.0 mm <sup>2</sup> , 2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> , 1.0 mm <sup>2</sup> )	9.6 lbs. (4.35 kg)
11055-INS	8" (203.2 mm)	10, 12, 14, 16, 18 AWG Solid (4.0 mm <sup>2</sup> , 2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> , 1.0 mm <sup>2</sup> , 0.75 mm <sup>2</sup> ) 12, 14, 16, 18, 20 AWG Stranded (2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> , 1.0 mm <sup>2</sup> , 0.82 mm <sup>2</sup> , 0.50 mm <sup>2</sup> )	12.0 lbs. (5.44 kg)



**SOLID**  
8-16 AWG

11049-INS



**SOLID**  
10-18 AWG

**STRANDED**  
12-20 AWG

**KLEIN-KURVE**

11055-INS



# Insulated Screwdrivers

## FORGED STEEL

from Klein's US-made, proprietary blend

 **1000 V**

Klein insulated tools meet or exceed the IEC 60900 and ASTM F1505 standards, for insulated tools, and are clearly marked with the official 1000-volt rating symbol

**Durable, two layer, molded insulation**

**Thick, exceptionally tough, high-dielectric white inner coating** is bonded to the tool

**Bright orange outer coating** is flame and impact resistant

**Cushion-Grip handles** for greater torque and comfort

**Tip-Ident®** quickly identifies driver size

**MADE IN USA**

**⚠️WARNING:** Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.

 **1000 V**

**⚠️WARNING:** Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

Product numbers with the INS suffix contain these warnings and must be understood.

**⚠️WARNING:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

**⚠️WARNING:** Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

**⚠️WARNING:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

## Insulated Screwdrivers - Round-Shank

### Additional Features:

- Profilated Phillips-tip provides a more consistent geometric symmetry than conventional Phillips-tip screwdrivers
- Square-Recess tips are perfect for electrical, telephone and work in recessed holes and other tight spaces



Cat. No.	Tip Type	Tip Size	Shank Length	Overall Length	Weight
6334INS	Phillips	#1	4" (101.6 mm)	7-3/4" (196.9 mm)	2.1 oz. (60 g)
603-4-INS	Phillips	#2	4" (101.6 mm)	8-5/16" (211.1 mm)	3.2 lbs. (1.45 kg)
6037INS	Phillips	#2	7" (177.8 mm)	11-5/16" (287.3 mm)	4.0 lbs. (1.81 kg)
6337INS	Phillips	#1	7" (177.8 mm)	12-3/8" (314.3 mm)	6.4 lbs. (2.90 kg)
607-3-INS	Cabinet Tip	3/32" (2.4 mm)	3" (76.2 mm)	6-3/4" (171.5 mm)	1.9 lbs. (0.86 kg)
612-4-INS	Cabinet Tip	1/8" (3.2 mm)	4" (101.6 mm)	7-3/4" (196.9 mm)	2.1 oz. (60 g)
601-4-INS	Cabinet Tip	3/16" (4.8 mm)	4" (101.6 mm)	7-3/4" (196.9 mm)	2.1 oz. (60 g)
601-7-INS	Cabinet Tip	3/16" (4.8 mm)	7" (177.8 mm)	10-3/4" (273.1 mm)	2.7 lbs. (1.22 kg)
602-4-INS	Cabinet Tip	1/4" (6.4 mm)	4" (101.6 mm)	8-5/16" (211.1 mm)	3.2 lbs. (1.45 kg)
605-7-INS	Cabinet Tip	1/4" (6.4 mm)	7" (177.8 mm)	11-5/16" (287.3 mm)	4.0 lbs. (1.81 kg)
602-7-INS	Cabinet Tip	5/16" (7.9 mm)	7" (177.8 mm)	12-3/8" (314.3 mm)	6.4 lbs. (2.90 kg)
602-8-INS	Cabinet Tip	3/8" (9.5 mm)	8" (203.2 mm)	13-3/8" (339.7 mm)	8.0 oz. (227 g)
661-4-INS	Square	#1	4" (101.6 mm)	8-5/16" (211.1 mm)	3.2 lbs. (1.45 kg)
661-7-INS	Square	#1	7" (177.8 mm)	11-5/16" (287.3 mm)	3.2 lbs. (1.45 kg)
662-4-INS	Square	#2	4" (101.6 mm)	8-5/16" (211.1 mm)	3.2 lbs. (1.45 kg)
662-7-INS	Square	#2	7" (177.8 mm)	11-5/16" (287.3 mm)	3.2 lbs. (1.45 kg)



## 2-Piece Insulated 4" (102 mm) Screwdriver Set - Round Shanks



33532-INS

### Additional Features:

- Includes one 1/4" (6 mm) cabinet-tip and one #2 Phillips-tip

Cat. No.	Set Contains	Weight		
33532-INS		9.6 oz. (272 g)		
Cat. No.	Tip Type	Tip Size	Shank Length	Overall Length
602-4-INS	Cabinet Tip	1/4" (6.4 mm)	4" (101.6 mm)	8-5/16" (211.1 mm)
603-4-INS	Phillips	#2	4" (101.6 mm)	8-5/16" (211.1 mm)

## 9-Piece Insulated Cushion-Grip Screwdriver Set

- Features three sizes of each tip style: cabinet, keystone, and Phillips
- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets; extra pocket is provided for storage of papers or other items
- Overall dimensions: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm)
- Replacement case (Cat. No. 33538) available



33528



Cat. No.	Set Contains	Weight		
33528		5.4 lbs. (2.45 kg)		
Cat. No.	Tip Type	Tip Size	Shank Length	Overall Length
601-4-INS	Cabinet Tip	3/16" (4.8 mm)	4" (101.6 mm)	7-3/4" (196.9 mm)
601-7-INS	Cabinet Tip	3/16" (4.8 mm)	7" (177.8 mm)	10-3/4" (273.1 mm)
612-4-INS	Cabinet Tip	1/8" (3.2 mm)	4" (101.6 mm)	7-3/4" (196.9 mm)
602-4-INS	Cabinet Tip	1/4" (6.4 mm)	4" (101.6 mm)	8-5/16" (211.1 mm)
602-7-INS	Cabinet Tip	5/16" (7.9 mm)	7" (177.8 mm)	12-3/8" (314.3 mm)
602-8-INS	Cabinet Tip	3/8" (9.5 mm)	8" (203.2 mm)	13-3/8" (339.7 mm)
6334INS	Phillips	#1	4" (101.6 mm)	7-3/4" (196.9 mm)
603-4-INS	Phillips	#2	4" (101.6 mm)	8-5/16" (211.1 mm)
6337INS	Phillips	#1	7" (177.8 mm)	12-3/8" (314.3 mm)
33538	heavy-duty polyester case			



# Insulated Nut Drivers

## FORGED STEEL

from Klein's US-made, proprietary blend



**Klein insulated tools meet or exceed the IEC 60900 and ASTM F1505 standards,** for insulated tools, and are clearly marked with the official 1000-volt rating symbol

**Thick, exceptionally tough, high-dielectric white inner coating** is bonded to the tool

**Cushion-Grip handles** for greater torque and comfort

**Durable, two layer, molded insulation**

**Bright orange outer coating** is flame and impact resistant



**Hollow shafts** make it possible to work on stacked circuit boards or other long bolt applications

**Tip-Ident®** quickly identifies nut driver size



**⚠ WARNING:** Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.



**⚠ WARNING:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

**⚠ WARNING:** Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

**⚠ WARNING:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

**⚠ WARNING:** Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

Product numbers with the INS suffix contain these warnings and must be understood.

## 6" (152 mm) Insulated Hollow-Shaft Nut Drivers

Additional Features:

- Slimmer molded insulation with increased durability



646-5/8-INS



Cat. No.	Color Code	Hex Size	Overall Length	Weight
646-3/16-INS*	Black	3/16"	9-3/4" (247.7 mm)	2.4 lbs. (1.09 kg)
646-1/4-INS	Red	1/4"	9-3/4" (247.7 mm)	3.2 lbs. (1.45 kg)
646-5/16-INS	Yellow	5/16"	9-3/4" (247.7 mm)	3.2 lbs. (1.45 kg)
646-11/32-INS	Green	11/32"	9-3/4" (247.7 mm)	3.2 lbs. (1.45 kg)
646-3/8-INS	Blue	3/8"	10-5/16" (261.9 mm)	4.0 lbs. (1.81 kg)
646-7/16-INS	Brown	7/16"	10-5/16" (261.9 mm)	4.0 lbs. (1.81 kg)
646-1/2-INS	Red	1/2"	11-3/8" (288.9 mm)	5.6 oz. (159 g)
646-9/16-INS	Orange	9/16"	11-3/8" (288.9 mm)	6.4 lbs. (2.90 kg)
646-5/8-INS	Yellow	5/8"	11-3/8" (288.9 mm)	6.4 lbs. (2.90 kg)

\*3/16" magnetic nut driver does not have hollow shaft





## Insulated Nut Driver Sets

### 9-Piece Insulated Cushion-Grip Hollow-Shaft Nut Driver Set - 6" (152 mm) Shafts

**Additional Features:**

- Features assortment of popular sized nut drivers
- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets; extra pocket is provided for storage of papers or other items
- Overall case dimensions are: 15" W x 12-3/4" L x 3-1/2" D (381 mm x 324 mm x 89 mm)
- Replacement case available Cat. No. 33534



33524

Cat. No.	Set Contains	Weight	
33524		6.0 lbs. (2.72 kg)	
Cat. No.	Color Code	Hex Size	Overall Length
646-3/16-INS	Black	3/16"	9-3/4" (247.7 mm)
646-1/4-INS	Red	1/4"	9-3/4" (247.7 mm)
646-5/16-INS	Yellow	5/16"	9-3/4" (247.7 mm)
646-11/32-INS	Green	11/32"	9-3/4" (247.7 mm)
646-3/8-INS	Blue	3/8"	10-5/16" (261.9 mm)
646-7/16-INS	Brown	7/16"	10-5/16" (261.9 mm)
646-1/2-INS	Red	1/2"	11-3/8" (288.9 mm)
646-9/16-INS	Orange	9/16"	11-3/8" (288.9 mm)
646-5/8-INS	Yellow	5/8"	11-3/8" (288.9 mm)
33534	Custom heavy-duty Cordura® case		

Cordura® is a registered trademark of INVISTA for durable fabrics.  
 \*3/16" magnetic nut driver does not have hollow shaft

## Insulated Skinning Knife

### Insulated Lineman's Skinning Knife

- Molded measuring marks on back of handle to help measure stripping length of wire
- Large molded handle for an easier, more comfortable grip
- Tough, tempered steel blade provides maximum sharpness and durability to withstand frequent cable scoring



1571-INS

Cat. No.	Blade Length	Handle Color	Overall Length	Weight
1571INS	2-3/8" (60.3 mm)	Orange	8-3/4" (222.3 mm)	5.6 oz. (159 g)

See page 310 for additional information on warnings.



## Insulated Tool Kits

### General-Purpose Insulated 22-Piece Tool Kit

**2000**™ series

- Case includes three pallets with custom-fitted pockets for each tool, piano-hinged cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items
- Inside dimensions: 7-3/4" W x 14-1/4" D x 8" H (197 mm x 362 mm x 203 mm)
- Overall dimensions: 18-7/8" W x 15-3/8" D x 8-1/4" H (479 mm x 391 mm x 210 mm)
- Replacement case (Cat. No. 33537) available



Cat. No.	Kit Contains	Weight
33527		24.3 lbs. (11.0 2kg)

Cat. No.	Description
D2000-9NE-INS	9" Side Cutting Pliers Heavy Duty
12098-INS	Side Cutting Pliers Crimping Insulated
D2000-28-INS	8" Insulated Diagonal Cutting Pliers
D2000-48-INS	8" Insulated HD Diagonal Cutting Pliers
D203-8N-INS	8" Insulated HD Long Nose Pliers
D220-7-INS	7" Insulated Diagonal Cutting Pliers
D203-6-INS	6" Insulated Long Nose Cutting Pliers
D203-7-INS	7" Long Nose Pliers Side Cutting
601-4-INS	Insulated 3/16" Cabinet - 4" Screwdriver
601-7-INS	Insulated 3/16" Cabinet - 7" Screwdriver
612-4-INS	Insulated 1/8" Slotted - 4" Screwdriver
602-4-INS	Insulated 1/4" Cabinet - 4" Screwdriver
602-7-INS	Insulated 5/16" Cabinet - 7" Screwdriver
602-8-INS	Insulated 3/8" Cabinet - 8" Screwdriver
6334INS	Insulated #1 Phillips - 4" Screwdriver
603-4-INS	Insulated #2 Phillips - 4" Screwdriver
6337INS	Insulated #1 Phillips - 7" Screwdriver
D502-10-INS	10" Pump Pliers, Insulated
11045-INS	Insulated Wire Stripper and Cutter
63050-INS	Cable Cutter, Insulated, High Leverage
1571INS	Lineman's Skinning Knife, Insulated
1005-INS	Insulated Crimping/Cutting Tool
33537	Case for Insulated Tool Kit 33527

33527



## Insulated Tool Kits

### Utility Insulated 13-Piece Tool Kit



- The custom case includes two pallets with custom-fitted pockets for each tool, piano-hinged case cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items
- Inside dimensions: 17-3/4" W x 14-1/4" D x 8" H (451 mm x 362 mm x 203 mm)
- Overall dimensions: 18-7/8" W x 15-3/8" D x 8-1/4" H (79 mm x 391 mm x 210 mm)
- Replacement case (Cat. No. 33535) available



33525

Cat. No.	Kit Contains	Weight
33525		20.1 lbs. (9.12 kg)
Cat. No.	Description	
D2000-9NE-INS	9" Side Cutting Pliers Heavy Duty	
D2000-28-INS	8" Insulated Diagonal Cutting Pliers	
D2000-48-INS	8" Insulated HD Diagonal Cutting Pliers	
D203-8-INS	8" Insulated Long Nose Cutting Pliers	
602-4-INS	Insulated 1/4" Cabinet - 4" Screwdriver	
602-7-INS	Insulated 5/16" Cabinet - 7" Screwdriver	
602-8-INS	Insulated 3/8" Cabinet - 8" Screwdriver	
6334INS	Insulated #1 Phillips - 4" Screwdriver	
603-4-INS	Insulated #2 Phillips - 4" Screwdriver	
6337INS	Insulated #1 Phillips - 7" Screwdriver	
63050-INS	Cable Cutter, Insulated, High Leverage	
D502-10-INS	10" Pump Pliers, Insulated	
1571INS	Lineman's Skinning Knife, Insulated	
33535	Case for Utility Tool Kit 33525	

### Utility Insulated 13-Piece Tool Kit with Roll-up Case



- The light, compact, soft roll-up carry case provides protective storage with custom-fitted pockets for each tool
- Kit includes a padded, adjustable shoulder strap
- Case dimensions: Opened 24-1/2" x 24-1/2" (622 mm x 622 mm), Closed 24-1/2" x 5-1/2" (622 mm x 140 mm)
- Replacement roll-up case (Cat. No. 33535SC) available



33525SC

Cat. No.	Kit Contains	Weight
33525SC		9.8 lbs. (4.45 kg)
Cat. No.	Description	
D2000-9NE-INS	9" Side Cutting Pliers Heavy Duty	
D2000-28-INS	8" Insulated Diagonal Cutting Pliers	
D2000-48-INS	8" Insulated HD Diagonal Cutting Pliers	
D203-8-INS	8" Insulated Long Nose Cutting Pliers	
602-4-INS	Insulated 1/4" Cabinet - 4" Screwdriver	
602-7-INS	Insulated 5/16" Cabinet - 7" Screwdriver	
602-8-INS	Insulated 3/8" Cabinet - 8" Screwdriver	
6334INS	Insulated #1 Phillips - 4" Screwdriver	
603-4-INS	Insulated #2 Phillips - 4" Screwdriver	
6337INS	Insulated #1 Phillips - 7" Screwdriver	
63050-INS	Cable Cutter, Insulated, High Leverage	
D502-10-INS	10" Pump Pliers, Insulated	
1571INS	Lineman's Skinning Knife, Insulated	
33535SC	Case for Utility Tool Kit 33525SC	



## Insulated Tool Kits

### Premium Insulated 8-Piece Tool Kit

**2000**™ series

- Cat. No. D2000-9NE-INS and D2000-48-INS cut ACSR, screws, nails and most hardened wire
- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets
- Overall case dimensions are: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm)
- Replacement case (Cat. No. 33536) available



33529

Cat. No.	Kit Contains	Weight
33529		6.9 lbs. (3.13 kg)
Cat. No.	Description	
D2000-9NE-INS	9" Side Cutting Pliers Heavy Duty	
D2000-48-INS	8" Insulated HD Diagonal Cutting Pliers	
D203-8N-INS	8" Insulated HD Long Nose Pliers	
601-6-INS	Insulated 3/16" Cabinet - 6" Screwdriver	
602-4-INS	Insulated 1/4" Cabinet - 4" Screwdriver	
603-4-INS	Insulated #2 Phillips - 4" Screwdriver	
63050-INS	Cable Cutter, Insulated, High Leverage	
11055-INS	Klein-Kurve® Wire Stripper Insulated	
33536	Case for Insulated Tool Kit 33529	

See individual tool listings for more details.

### Basic Insulated 8-Piece Tool Kit

- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets
- Overall case dimensions are: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm)
- Replacement case (Cat. No. 33536) available



33526

Cat. No.	Kit Contains	Weight
33526		6.9 lbs. (3.13 kg)
Cat. No.	Description	
D213-9NE-INS	9" Insulated Side Cutting Pliers	
D228-8-INS	8" Insulated, Diagonal-Cutters	
D203-8N-INS	8" Insulated HD Long Nose Pliers	
601-6-INS	Insulated 3/16" Cabinet - 6" Screwdriver	
602-4-INS	Insulated 1/4" Cabinet - 4" Screwdriver	
603-4-INS	Insulated #2 Phillips - 4" Screwdriver	
63050-INS	Cable Cutter, Insulated, High Leverage	
11045-INS	Insulated Wire Stripper and Cutter	
33536	Case for Insulated Tool Kit 33529	

See individual tool listings for more details.



# Screwdrivers, Nut Drivers and Accessories

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Offering a variety of tip types, hex sizes, shaft lengths, and handle designs, Klein has the screwdrivers and nut drivers professionals demand to get the job done with comfort and ease.

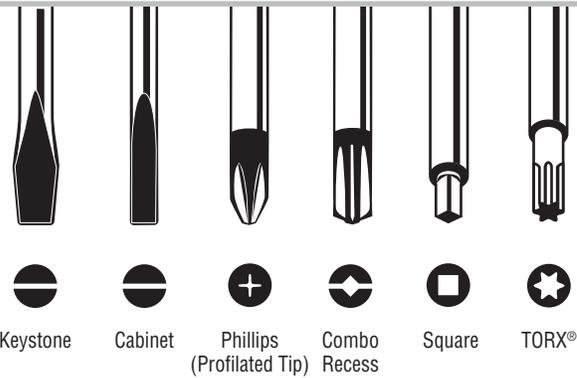
For Professionals...  
Since 1857™

## Introduction

Klein screwdrivers give professionals extra-quality features that have made the Klein name famous for hand tools – features that assure greater convenience, comfort and efficiency in use, plus exceptional strength and durability.

All Klein drivers are made of the highest quality tempered steel, carefully heat-treated for maximum strength. Shafts have integral flanges that provide an extra-strong, torque-proof anchor in the handle. Strong, durable black tips are forged and precision ground with square edges to fit screw openings securely. They resist slippage and provide positive turning action.

Cushion-Grip screwdrivers feature super-comfortable, sure-grip handles on top-quality blades for the professional. All Klein screwdrivers meet or exceed applicable ANSI and MIL specifications.



## Using Screwdrivers and Nut Drivers

The size of the screw or nut and the type of opening it has determines which driver to use. Here are a few tips on how to use a driver that can be of benefit, because screwdrivers are the most often misused and abused hand tools of all.

**1. Never use a driver to do another tool's job.**

Using a driver as a pry bar, scraper, or a chisel can ruin the tool, spoil the work and cause injury.

**2. Never push a driver beyond its capacity.**

Make a pilot hole for the screw for easier driving. Use square-shank drivers for heavy work.

**3. Never expose a driver to excessive heat.**

Direct flame can draw the temper from the metal, weakening and possibly warping it, making it unsafe and inefficient to use.

**4. Never use a driver at an angle to the screw.**

Always keep the shank perpendicular to the screw head. Driving at an angle or using a point that is too small can spoil the screw or slip and damage the work.

**5. Never depend on a driver's handle or covered blade to insulate you from electricity.**

Plastic and Cushion-Grip handles are intended only to provide a firm, comfortable grip. Insulated blades are intended only as a protective measure against shorting out components. Only use insulated tools that are marked with the official international 1000-volt rating symbol if there is any chance that the tool will make contact with an energized source.

**6. Discard damaged or worn drivers.**

TORX® is a registered trademark of Acument Intellectual Properties, LLC.

## Cushion-Grip Screwdrivers

**Cushion-Grip** handle allows for greater torque and comfort

**Integral flanges** inside handle provide solid, twist-resistant blade anchor

**Special heat-treated shank**

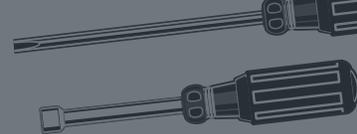
**Precision-machined tip** for exact fit

**Premium chrome-plated shank** for smooth feel and corrosion resistance

**Meets or exceeds** applicable ASME / ANSI specifications

**Tip-Ident®** quickly identifies the type of screwdriver and tip orientation





## Cushion-Grip Screwdriver Sets

### 8-Piece Screwdriver Set



#### Additional Features:

- Includes two cabinet-tip, two keystone-tip, four Phillips-tip styles

Cat. No.	Set Contains	Weight
85078		1.7 lbs. (0.77 kg)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
600-4*	Keystone	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-11/32" (211.9 mm)
602-6*	Keystone	5/16" (7.9 mm)	Round	6" (152.4 mm)	10-15/16" (277.8 mm)
600-1	Cabinet	5/16" (7.9 mm)	Round	1-1/2" (38.1 mm)	3-7/16" (87.3 mm)
601-3	Cabinet	3/16" (4.8 mm)	Round	3" (76.2 mm)	6-3/4" (171.5 mm)
603-3	Phillips	#1	Round	3" (76.2 mm)	6-3/4" (171.5 mm)
603-1	Phillips	#2	Round	1-1/2" (38.1 mm)	3-7/16" (87.3 mm)
603-4	Phillips	#2	Round	4" (101.6 mm)	8-1/4" (209.6 mm)
603-6	Phillips	#3	Round	6" (152.4 mm)	11" (279.4 mm)

\* Heavy-duty models



85078

### 7-Piece Screwdriver Set



#### Additional Features:

- Includes three cabinet-tip, two Phillips-tip and two keystone-tip styles

Cat. No.	Set Contains	Weight
85076		1.5 lbs. (0.68 kg)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
600-4*	Keystone	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-11/32" (211.9 mm)
602-6*	Keystone	5/16" (7.9 mm)	Round	6" (152.4 mm)	10-15/16" (277.8 mm)
601-3	Cabinet	3/16" (4.8 mm)	Round	3" (76.2 mm)	6-3/4" (171.5 mm)
601-6	Cabinet	3/16" (4.8 mm)	Round	6" (152.4 mm)	9-3/4" (247.7 mm)
605-4*	Cabinet	1/4" (6.4 mm)	Round	4" (101.6 mm)	8-11/32" (211.9 mm)
603-3	Phillips	#1	Round	3" (76.2 mm)	6-3/4" (171.5 mm)
603-4	Phillips	#2	Round	4" (101.6 mm)	8-1/4" (209.6 mm)

\* Heavy-duty models



85076

### 7-Piece Multiple-Application Screwdriver Set



#### Additional Features:

- Specialty set for a wide variety of applications
- Includes two cabinet-tip, one Phillips-tip, two keystone-tip, one rotary and one screw-holding screwdriver

Cat. No.	Set Contains	Weight
85077		1.7 lbs. (0.77 kg)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
600-4*	Keystone	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-11/32" (211.9 mm)
602-6*	Keystone	5/16" (7.9 mm)	Round	6" (152.4 mm)	10-15/16" (277.8 mm)
601-6	Cabinet	3/16" (4.8 mm)	Round	6" (152.4 mm)	9-3/4" (247.7 mm)
605-6*	Cabinet	1/4" (6.4 mm)	Round	6" (152.4 mm)	10-11/32" (262.7 mm)
670-6	Cabinet	3/16" (4.8 mm)	Round Rapi-Drive®	6" (152.4 mm)	9-3/4" (247.7 mm)
K36	Slotted	1/4" (6.4 mm)	Round	6" (152.4 mm)	9-3/4" (247.7 mm)
603-4	Phillips	#2	Round	4" (101.6 mm)	8-1/4" (209.6 mm)

\* Heavy-duty models



85077



## Cushion-Grip Screwdriver Sets

### 6-Piece Screwdriver Set



**Additional Features:**

- Includes one cabinet-tip, two keystone-tip and three Phillips-tip styles

Cat. No.	Set Contains	Weight
85074		1.5 lbs. (0.68 kg)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
600-4*	Keystone	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-11/32" (211.9 mm)
600-6*	Keystone	5/16" (7.9 mm)	Square	6" (152.4 mm)	10-15/16" (277.8 mm)
601-3	Cabinet	3/16" (4.8 mm)	Round	3" (76.2 mm)	6-3/4" (171.5 mm)
603-3	Phillips	#1	Round	3" (76.2 mm)	6-3/4" (171.5 mm)
603-4	Phillips	#2	Round	4" (101.6 mm)	8-1/4" (209.6 mm)
603-6	Phillips	#3	Round	6" (152.4 mm)	11" (279.4 mm)

\* Heavy-duty models



85074

### 5-Piece Screwdriver Set



**Additional Features:**

- Includes two cabinet-tip, two keystone-tip and one Phillips-tip styles

Cat. No.	Set Contains	Weight
85075		1.3 lbs. (0.59 kg)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
602-6*	Keystone	5/16" (7.9 mm)	Round	6" (152.4 mm)	10-15/16" (277.8 mm)
600-4*	Keystone	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-11/32" (211.9 mm)
601-6	Cabinet	3/16" (4.8 mm)	Round	6" (152.4 mm)	9-3/4" (247.7 mm)
605-6*	Cabinet	1/4" (6.4 mm)	Round	6" (152.4 mm)	10-11/32" (262.7 mm)
603-4	Phillips	#2	Round	4" (101.6 mm)	8-1/4" (209.6 mm)

\* Heavy-duty models



85075

### 4-Piece Screwdriver Set



**Additional Features:**

- Includes one each: Phillips-tip, keystone-tip, square and cabinet-tip styles

Cat. No.	Set Contains	Weight
85105		1.5 lbs. (0.68 kg)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
600-6	Keystone	5/16" (7.9 mm)	Square	6" (152.4 mm)	10-15/16" (277.8 mm)
600-4*	Keystone	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-11/32" (211.9 mm)
601-6	Cabinet	3/16" (4.8 mm)	Round	6" (152.4 mm)	9-3/4" (247.7 mm)
603-4	Phillips	#2	Round	4" (101.6 mm)	8-1/4" (209.6 mm)

\* Heavy-duty model



85105

### 4-Piece Miniature Screwdriver Set



**Additional Features:**

- Precision tips for exact fit and rigorous applications

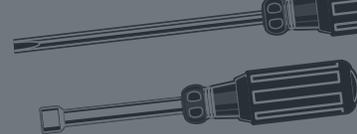
Cat. No.	Set Contains	Weight
85484		2.2 oz. (62 g)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
604-3	Phillips	#0	Round	3" (76.2 mm)	5-3/4" (146.1 mm)
606-2	Keystone	1/16" (1.59 mm)	Round	2" (50.8 mm)	4-3/4" (120.7 mm)
607-3	Cabinet	3/32" (2.4 mm)	Round	3" (76.2 mm)	5-3/4" (146.1 mm)
608-3	Cabinet	1/8" (3.2 mm)	Round	3" (76.2 mm)	5-3/4" (146.1 mm)



85484





## Cushion-Grip Screwdriver Sets

### 5-Piece Electronics Screwdriver Set



**Additional Features:**

- Rotating cap for optimum and precise control when working on small equipment
- Includes professional custom carrying case

Cat. No.	Set Contains	Weight
85614		12.8 oz. (363 g)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
614-2	Cabinet	1/16" (1.59 mm)	Round	2" (50.8 mm)	5-1/2" (139.7 mm)
614-3	Cabinet	3/32" (2.4 mm)	Round	3" (76.2 mm)	6-1/2" (165.1 mm)
614-4	Cabinet	1/8" (3.2 mm)	Round	4" (101.6 mm)	7-1/2" (190.5 mm)
614-6	Cabinet	1/8" (3.2 mm)	Round	6" (152.4 mm)	9-1/2" (241.3 mm)
613-3	Phillips	#0	Round	3" (76.2 mm)	6-1/2" (165.1 mm)



85614

### 5-Piece TORX® Screwdriver Set



**Additional Features:**

- TORX® drive systems transmit more torque to the work and reduce slippage, saving fasteners

Cat. No.	Set Contains	Weight
19555		1.2 lbs. (0.54 kg)

Cat. No.	Tip Size	Color Code	Shank Type	Shank Length	Overall Length
19542	T15	Yellow	Round	4" (101.6 mm)	8-5/16" (211.1 mm)
19543	T20	Green	Round	4" (101.6 mm)	8-5/16" (211.1 mm)
19544	T25	Blue	Round	4" (101.6 mm)	8-5/16" (211.1 mm)
19545	T27	Brown	Round	4" (101.6 mm)	8-5/16" (211.1 mm)
19546	T30	Red	Round	4" (101.6 mm)	8-5/16" (211.1 mm)

TORX® is a registered trademark of Acument Intellectual Properties, LLC.



19555

### 4-Piece Square-Recess Screwdriver Set



**Additional Features:**

- Works on most combination head receptacle, switch and panel screws

Cat. No.	Set Contains	Weight
85664		1.5 lbs. (0.68 kg)

Cat. No.	Tip Type	Tip Size	Shank Type	Color Code	Shank Length	Overall Length
660	Square-Recess	#0	Round	Yellow	4" (101.6 mm)	7-3/4" (196.9 mm)
661	Square-Recess	#1	Round	Green	4" (101.6 mm)	7-3/4" (196.9 mm)
662	Square-Recess	#2	Round	Red	4" (101.6 mm)	8-1/4" (209.6 mm)
663	Square-Recess	#3	Round	Black	4" (101.6 mm)	8-1/4" (209.6 mm)



85664

### 2-Piece Combo-Tip Screwdriver Set



**Additional Features:**

- #1 and #2 combination tips are precision machined for combination head screws

Cat. No.	Set Contains	Weight
32378		1.5 lbs. (0.68 kg)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
7314	Combo	#1	Round	4" (101.6 mm)	8-11/32" (211.9 mm)
7324	Combo	#2	Round	4" (101.6 mm)	8-11/32" (211.9 mm)



32378



## Cushion-Grip Screwdriver Sets

### 2-Piece 10" Long Blade Screwdriver Set

**Additional Features:**

- Phillips-tip is precision-machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers
- Precision-ground narrow cabinet-tip permits blade access where space is limited
- Ideal for hard-to-reach places where added length is necessary



85072



Cat. No.	Set Contains	Weight
85072		11.2 oz. (318 g)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
603-10	Phillips	#2	Round	10" (254.0 mm)	14-5/16" (363.5 mm)
605-10	Cabinet	1/4" (6.4 mm)	Round	10" (254.0 mm)	14-11/32" (364.3 mm)

### 2-Piece Demolition Screwdriver Set

**Additional Features:**

- Engineered, manufactured and tested for prying, chiseling and punching
- Plated metal strike cap to protect handle from hammer blows
- Heat treated metal shaft runs complete length of handle to metal strike cap to transfer metal strike force



603-4DD



Cat. No.	Set Contains	Weight
32008		11.2 oz. (318 g)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
602-4DD	Phillips	#2	Round	4" (101.6 mm)	9" (228.6 mm)
6034DD	Cabinet	1/4" (6 mm)	Round	7" (177.8 mm)	9" (228.6 mm)

### 2-Piece Stubby Screwdriver Set

**Additional Features:**

- For work in close quarters



85071



Cat. No.	Set Contains	Weight
85071		4.8 oz. (136 g)

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
600-1	Cabinet	5/16" (7.9 mm)	Round	1-1/2" (38.1 mm)	3-7/16" (87.3 mm)
603-1	Phillips	#2	Round	1-1/2" (38.1 mm)	3-7/16" (87.3 mm)

### Adjustable Length Screwdriver Set

**Additional Features:**

- Removable shank adjusts within 4" to 8" (102-208 mm) range for numerous length combinations
- Blades feature two tips for multiple screwdrivers in one tool
- Proprietary system securely holds blade - as durable as a traditional Klein fixed blade screwdriver
- Press down to extend or lengthen the shank
- Push up to retract or shorten the shank
- Components sold separately



32751



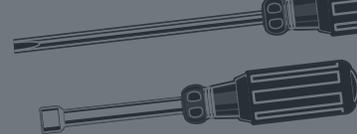
US Patent: 6,561,523

Cat. No.	Description	Tip Size	Shank Length	Overall Length	Weight
32751	Adjustable Screwdriver, #2 Ph, 1/4" SI	#2 Phillips and 1/4" (6.4 mm) Slotted	4" to 8" (101.6 to 203.2 mm)	13-3/8" (339.7 mm)	6.4 oz. (181 g)
32708	Adjustable Screwdriver, Sq #1, #2	#1 Square and #2 Square	4" to 8" (101.6 to 203.2 mm)	13-3/8" (339.7 mm)	6.4 oz. (181 g)
32709	Adj. Length Blade, Sq #1, #2	#1 Square and #2 Square	7-3/4" (196.9 mm)	9" (228.6 mm)	1.6 oz. (45 g)
32713	Adj. Length Blade, #1 PH, 3/16" Slotted	#1 Phillips and 3/16" (4.8 mm) Slotted	7-3/4" (196.9 mm)	9" (228.6 mm)	1.6 oz. (45 g)
32618	Adj. Length Blade, #2, 1/4" Slotted	#2 Phillips, 1/4" (6.4 mm) Slotted	4" to 8" (101.6 to 203.2 mm)	9-1/8" (231.8 mm)	4.0 oz. (113 g)
32619	Adjustable Length Screwdriver Handle	—	—	5-3/8" (136.5 mm)	3.2 oz. (91 g)

Cat. No.	Description	Includes	Weight
32715	Adjustable Length Replacement Blade Set	Cat. Nos. 32713, 32618, 32709	1.6 oz. (45 g)





## Cushion-Grip Screwdrivers

### Cushion-Grip Screwdrivers



601-6

#### Additional Features:

- Narrow cabinet-tip permits blade access where space is limited
- Precision machined combo-tip designed for combination head screws
- Precision machined Phillips tip provides a more consistent geometric symmetry than conventional Phillips screwdrivers to accurately fit and torque without slippage

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
600-1	Cabinet	5/16" (7.9 mm)	Round	1-1/2" (38.1 mm)	3-7/16" (87.3 mm)	1.6 oz. (45 g)
601-4	Cabinet	3/16" (4.8 mm)	Round	4" (101.6 mm)	7-3/4" (196.9 mm)	2.4 oz. (68 g)
601-6	Cabinet	3/16" (4.8 mm)	Round	6" (152.4 mm)	9-3/4" (247.7 mm)	2.4 oz. (68 g)
601-8	Cabinet	3/16" (4.8 mm)	Round	8" (203.2 mm)	11-3/4" (298.5 mm)	3.2 oz. (91 g)
601-10	Cabinet	3/16" (4.8 mm)	Round	10" (254.0 mm)	13-3/4" (349.3 mm)	3.2 oz. (91 g)
605-4*	Cabinet	1/4" (6.4 mm)	Round	4" (101.6 mm)	8-11/32" (211.9 mm)	4.0 oz. (113 g)
605-6*	Cabinet	1/4" (6.4 mm)	Round	6" (152.4 mm)	10-11/32" (262.7 mm)	4.8 oz. (136 g)
605-8*	Cabinet	1/4" (6.4 mm)	Round	8" (203.2 mm)	12-11/32" (313.5 mm)	4.8 oz. (136 g)
605-10*	Cabinet	1/4" (6.4 mm)	Round	10" (254.0 mm)	14-11/32" (364.3 mm)	5.6 oz. (159 g)
7314	Combo	#1	Round	4" (101.6 mm)	8-11/32" (211.9 mm)	4.8 oz. (136 g)
7324	Combo	#2	Round	4" (101.6 mm)	8-11/32" (211.9 mm)	4.8 oz. (136 g)
603-1	Phillips	#2	Round	1-1/2" (38.1 mm)	3-7/16" (87.3 mm)	1.6 oz. (45 g)
603-3	Phillips	#1	Round	3" (76.2 mm)	6-3/4" (171.5 mm)	2.4 oz. (68 g)
603-4	Phillips	#2	Round	4" (101.6 mm)	8-1/4" (209.6 mm)	4.0 oz. (113 g)
603-6	Phillips	#3	Round	6" (152.4 mm)	11" (279.4 mm)	5.6 oz. (159 g)
603-7	Phillips	#2	Round	7" (177.8 mm)	11-5/16" (287.3 mm)	4.8 oz. (136 g)
603-10	Phillips	#2	Round	10" (254.0 mm)	14-5/16" (363.5 mm)	5.6 oz. (159 g)

\* Heavy-duty models

### Keystone-Tip Screwdrivers - Heavy-Duty



600-4

#### Additional Features:

- Heavy-duty square shank and hex bolster allows wrench-assisted turning
- Bolster reinforces shank for hard use



602-6

Cat. No.	Tip Size	Shank Type	Shank Length	Overall Length	Weight
<b>Bolster</b>					
600-4	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-11/32" (211.9 mm)	4.0 oz. (113 g)
600-6	5/16" (7.9 mm)	Square	6" (152.4 mm)	10-15/16" (277.8 mm)	6.4 oz. (181 g)
600-8	3/8" (9.52 mm)	Square	8" (203.2 mm)	13-7/16" (341.3 mm)	10.4 oz. (295 g)
600-12	1/2" (12.7 mm)	Square	12" (304.8 mm)	17-7/16" (443.0 mm)	12.8 oz. (363 g)
<b>Hex Bolster</b>					
602-3	7/32" (5.6 mm)	Round	3" (76.2 mm)	6-3/4" (171.5 mm)	2.4 oz. (68 g)
602-4	1/4" (6.4 mm)	Round	4" (101.6 mm)	8-11/32" (211.9 mm)	4.0 oz. (113 g)
602-6	5/16" (7.9 mm)	Round	6" (152.4 mm)	10-15/16" (277.8 mm)	5.6 oz. (159 g)
602-8	3/8" (9.52 mm)	Round	8" (203.2 mm)	13-7/16" (341.3 mm)	8.8 oz. (249 g)
602-10	3/8" (9.52 mm)	Round	10" (254.0 mm)	15-7/16" (392.1 mm)	9.6 oz. (272 g)
602-12	3/8" (9.52 mm)	Round	12" (304.8 mm)	17-7/16" (443.0 mm)	10.4 oz. (295 g)



## Cushion-Grip Screwdrivers

### Color-Coded Cushion-Grip Screwdrivers



660

**Additional Features:**

- Color-coded handle ends for quick and easy identification
- Chrome plated shank for corrosion resistance
- TORX® tip drive cuts slippage, saves fasteners and transmits more torque to the work

Cat. No.	Tip Type	Tip Size	Shank Type	Color Code	Shank Length	Overall Length	Weight
660	Square-Recess	#0	Round	Yellow	4" (101.6 mm)	7-3/4" (196.9 mm)	3.2 oz. (91 g)
661	Square-Recess	#1	Round	Green	4" (101.6 mm)	7-3/4" (196.9 mm)	3.2 oz. (91 g)
662	Square-Recess	#2	Round	Red	4" (101.6 mm)	8-1/4" (209.6 mm)	4.8 oz. (136 g)
663	Square-Recess	#3	Round	Black	4" (101.6 mm)	8-1/4" (209.6 mm)	4.8 oz. (136 g)
665	Square-Recess	#1	Round	Green	8" (203.2 mm)	11-3/4" (298.5 mm)	4.8 oz. (136 g)
666	Square-Recess	#2	Round	Red	8" (203.2 mm)	12-1/4" (311.2 mm)	6.4 oz. (181 g)
667	Square-Recess	#3	Round	Black	8" (203.2 mm)	12-1/4" (311.2 mm)	6.4 oz. (181 g)
668	Square-Recess	#1	Round	Green	1-1/2" (38.1 mm)	3-7/16" (87.3 mm)	2.4 oz. (68 g)
669	Square-Recess	#0	Round	Yellow	4" (101.6 mm)	3-7/16" (87.3 mm)	2.4 oz. (68 g)
19542	TORX®	T15	Round	Yellow	4" (101.6 mm)	8-5/16" (211.1 mm)	3.2 oz. (91 g)
19543	TORX®	T20	Round	Green	4" (101.6 mm)	8-5/16" (211.1 mm)	4.0 oz. (113 g)
19544	TORX®	T25	Round	Blue	4" (101.6 mm)	8-5/16" (211.1 mm)	4.0 oz. (113 g)
19545	TORX®	T27	Round	Brown	4" (101.6 mm)	8-5/16" (211.1 mm)	4.0 oz. (113 g)
19546	TORX®	T30	Round	Red	4" (101.6 mm)	8-5/16" (211.1 mm)	4.0 oz. (113 g)

### Electronics Screwdrivers



614-6

**Additional Features:**

- Rotating cap for optimum and precise control

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
613-3	Phillips	#0	Round	3" (76.2 mm)	6-1/2" (165.1 mm)	0.8 oz. (23 g)
614-2	Cabinet	1/16" (1.59 mm)	Round	2" (50.8 mm)	5-1/2" (139.7 mm)	0.8 oz. (23 g)
614-3	Cabinet	3/32" (2.4 mm)	Round	3" (76.2 mm)	6-1/2" (165.1 mm)	0.8 oz. (23 g)
614-4	Cabinet	1/8" (3.2 mm)	Round	4" (101.6 mm)	7-1/2" (190.5 mm)	0.8 oz. (23 g)
614-6	Cabinet	1/8" (3.2 mm)	Round	6" (152.4 mm)	9-1/2" (241.3 mm)	0.8 oz. (23 g)

### Miniature Screwdrivers



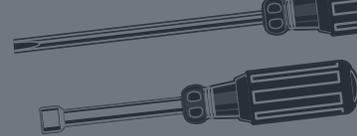
608-6

**Additional Features:**

- Precision tips for exact fit and rigorous applications

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
604-3	Phillips	#0	Round	3" (76.2 mm)	5-3/4" (146.1 mm)	0.6 oz. (17 g)
606-2	Keystone	1/16" (1.59 mm)	Round	2" (50.8 mm)	4-3/4" (120.7 mm)	0.5 oz. (14 g)
607-2	Cabinet	3/32" (2.4 mm)	Round	2" (50.8 mm)	4-3/4" (120.7 mm)	0.5 oz. (14 g)
607-3	Cabinet	3/32" (2.4 mm)	Round	3" (76.2 mm)	5-3/4" (146.1 mm)	0.6 oz. (17 g)
607-4	Cabinet	3/32" (2.4 mm)	Round	4" (101.6 mm)	6-3/4" (171.5 mm)	0.6 oz. (17 g)
608-2	Cabinet	1/8" (3.2 mm)	Round	2" (50.8 mm)	4-3/4" (120.7 mm)	0.5 oz. (14 g)
608-3	Cabinet	1/8" (3.2 mm)	Round	3" (76.2 mm)	5-3/4" (146.1 mm)	0.6 oz. (17 g)
608-4	Cabinet	1/8" (3.2 mm)	Round	4" (101.6 mm)	6-3/4" (171.5 mm)	0.8 oz. (23 g)
608-6	Cabinet	1/8" (3.2 mm)	Round	6" (152.4 mm)	8-3/4" (222.3 mm)	0.8 oz. (23 g)
608-8	Cabinet	1/8" (3.2 mm)	Round	8" (203.2 mm)	10-3/4" (273.1 mm)	0.8 oz. (23 g)
608-10	Cabinet	1/8" (3.2 mm)	Round	10" (254.0 mm)	12-3/4" (323.9 mm)	0.8 oz. (23 g)





## Cushion-Grip Screwdrivers

### Coated Screwdrivers



620-4

#### Additional Features:

- Plastic coated for circuit protection only. NOT INSULATED
- Special plastic coating resists cutting, cracking and chipping
- Thin coating permits use in confined areas

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
620-3	Cabinet	3/16" (4.8 mm)	Round	3" (76.2 mm)	6-3/4" (171.5 mm)	2.4 oz. (68 g)
621-6	Cabinet	3/16" (4.8 mm)	Round	6" (152.4 mm)	9-3/4" (247.7 mm)	3.2 oz. (91 g)
621-8	Cabinet	3/16" (4.8 mm)	Round	8" (203.2 mm)	11-3/4" (298.5 mm)	3.2 oz. (91 g)
620-4*	Cabinet	1/4" (6.4 mm)	Round	4" (101.6 mm)	8-11/32" (211.9 mm)	3.2 oz. (91 g)
620-6*	Cabinet	5/16" (7.9 mm)	Round	6" (152.4 mm)	10-15/16" (277.8 mm)	6.4 oz. (181 g)
620-8*	Cabinet	3/8" (9.52 mm)	Round	8" (203.2 mm)	13-7/16" (341.3 mm)	9.6 oz. (272 g)

\* Heavy-duty models

### Demolition Screwdrivers



602-7DD

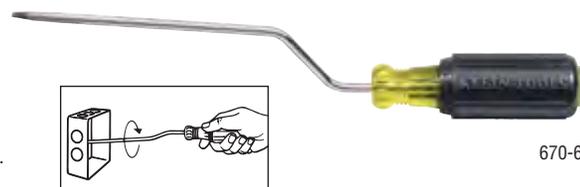
#### Additional Features:

- Engineered, manufactured and tested for prying, chiseling and punching
- Plated metal strike cap to protect handle from hammer blows
- Heat treated metal shaft runs complete length of handle to metal strike cap to transfer metal strike force

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
602-4DD	Phillips	#2	Round	4" (101.6 mm)	9" (228.6 mm)	5.9 oz. (168 g)
602-7DD	Keystone	5/16" (7.9 mm)	Round	7" (177.8 mm)	12-3/8" (314.3 mm)	9.0 oz. (255 g)
6034DD	Cabinet	1/4" (6.4 mm)	Round	7" (177.8 mm)	9" (228.6 mm)	5.9 oz. (168 g)

## Rapi-Driv™ Cushion-Grip Screwdrivers

### Rapi-Driv™ Screwdrivers



670-6

#### Additional Features:

- Crank-action handle spins screws fast with one hand
- Saves time and effort, especially on long-threaded screws in switch plates, light fixtures, etc.

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
670-3	Cabinet	3/16" (4.8 mm)	Round Rapi-Driv®	4" (101.6 mm)	7-3/4" (196.9 mm)	2.4 oz. (68 g)
670-6	Cabinet	3/16" (4.8 mm)	Round Rapi-Driv®	6" (152.4 mm)	9-3/4" (247.7 mm)	3.2 oz. (91 g)
671-6	Cabinet	1/4" (6.4 mm)	Round Rapi-Driv®	6" (152.4 mm)	9-3/4" (247.7 mm)	3.2 oz. (91 g)
682-6	Phillips	#2	Round Rapi-Driv®	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
681-6	Phillips	#1	Round Rapi-Driv®	6" (152 mm)	9-3/4" (248 mm)	0.20 lbs. (0.1 kg)
691-6	Square	#1	Round Rapi-Driv®	6" (152 mm)	9-3/4" (248 mm)	0.35 lbs. (0.2 kg)

### 2-in-1 Rapi-Driv™



67100

#### Additional Features:

- Interchangeable bit holder allows quick switching between tip styles and works with other standard size bits
- Crank-action handle allows you to spin screws fast with one hand
- Blast finish bit provides firm grip on fasteners to reduce cam out

Cat. No.	Tip Type	Shank Length	Shank Type	Overall Length	Weight
67100	3/16" (4.8 mm) Slotted, #2 Phillips	6" (152.4 mm)	Round Rapi-Driv®	9-3/4" (247.7 mm)	4.2 oz. (119 g)



**Specialty Cushion-Grip Screwdrivers**

**2-in-1 Hex Head Screwdriver**



65064

- 1/4" and 5/16" six-point hex nut driver
- Powerful magnets for maximum fastener retention
- Solid build quality; feels like a conventional nut driver
- Color coded bands for easy identification
- Wrench-assist to help remove stubborn fasteners

Cat. No.	Tip Type	Tip Size	Shank Length	Overall Length	Weight
65064 <b>NEW!</b>	Hex	1/4" x 5/16" (6.4 x 7.9 mm)	3-5/8" (92.1 mm)	8" (203.2 mm)	7.2 oz. (204 g)

**Screw-Holding Screwdrivers**



32215

- Starts and drives screws with one hand when working in hard-to-reach spaces

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
32215	Cabinet	1/4" (6.4 mm)	Round	7" (177.8 mm)	11-1/4" (285.8 mm)	5.1 oz. (145 g)
32216	Phillips	#2	—	7" (177.8 mm)	11-1/4" (285.8 mm)	5.1 oz. (145 g)

**Terminal Block Screwdriver**



612-4

**Additional Features:**

- Precision-machined cabinet tip provides exact fit for terminal block screws
- Tip is up to 19% stronger than competitors and provides 76% higher torque value than the required ASME B107 Standard

Cat. No.	Tip Type	Shank Type	Tip Size	Shank Length	Overall Length	Weight
612-4	Cabinet	Round	1/8" (3.2 mm)	4" (101.6 mm)	7-3/4" (196.9 mm)	2.4 oz. (68 g)

**Wire Bending Screwdrivers**

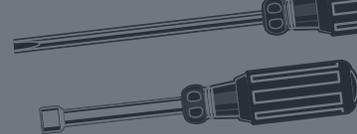


605-6B

**Additional Features:**

- Metal stud offers a convenient and easy way to bend, loop and connect solid wire when installing outlets and switches

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Bends AWG Gauges	Weight
605-4B	Cabinet	1/4" (6.4 mm)	Round	4" (101.6 mm)	8-11/32" (211.9 mm)	Nos. 10, 12, 14	4.0 oz. (113 g)
605-6B	Cabinet	1/4" (6.4 mm)	Round	6" (152.4 mm)	10-11/32" (262.7 mm)	Nos. 10, 12, 14	4.8 oz. (136 g)
603-3B	Phillips	#1	Round	3" (76.2 mm)	6-3/4" (171.5 mm)	Nos. 12 and 14	2.4 oz. (68 g)
603-4B	Phillips	#2	Round	4" (101.6 mm)	8-5/16" (211.1 mm)	Nos. 10, 12, 14	4.0 oz. (113 g)



## Conduit Reamers

### Conduit-Fitting and Reaming Screwdriver

- Hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach conduit fittings. Thicker hood is designed for rugged use
- Reams and smooths 1/2" (13 mm), 3/4" (19 mm), and 1" (25 mm) thin-wall conduit ends to protect wire
- Reams both the inside and outside of the conduit at the same time
- Longer Cushion-Grip handle provides comfort and more torque for reaming
- Replaceable reaming blade is now held in place with a 1/6" (1.5 mm) set screw



85191

Cat. No.	Tip Size	Shank Length	Overall Length	Weight
85191	5/16" (7.9 mm)	2-1/2" (63.5 mm)	7-1/2" (190.5 mm)	8.0 oz. (227 g)
Replacement Parts				
Cat. No.	Item			Weight
19353	Conduit Reamer Replacement Blade Kit			0.16 oz. (4.5 g)

### Conduit Reamer

- Locks onto screwdrivers; reams and smooths thin-wall conduit
- Reams ID and OD at the same time
- Two set-screws for round- and square-shank screwdrivers
- Fits up to 3/8" (10 mm) keystone-tip screwdrivers
- NOT for use on power tools



19352

Cat. No.	Conduit Capacity	Weight
19352	1/2" (12.7 mm), 3/4" (19.1 mm), 1" (25.4 mm)	3.2 oz. (91 g)
Replacement Parts		
Cat. No.	Item	Weight
19353	Conduit Reamer Replacement Blade Kit	0.16 oz. (4.5 g)

### Power Conduit Reamer

**IMPACT RATED!**

- Ream 1/2" (13 mm), 3/4" (19 mm), and 1" (25 mm) conduit and install fittings in a fraction of the time
- Designed to fit into power drill chucks and quick release adapters; impact ready
- Includes precision engineered replaceable reaming blade
- Replacement blades are available and the only approved blade for use in this tool
- Replacement bits are available but any standard 1/4" hex bit will work



85091

**4x Stronger**  
Bit Retention



**NOTE:** Read and follow safety instructions in power tool owner's manual.

Cat. No.	Item	Weight
85091	Conduit Reamer Drill Head for 1/2", 3/4", 1"	5.3 oz. (150 g)
Replacement Parts		
Cat. No.	Item	Weight
19353	Conduit Reamer Replacement Blade Kit	0.16 oz. (4.5 g)



## Multi-Bit Cushion-Grip Screwdrivers/Nut Drivers

### 15-in-1 Screwdriver/Nut Drivers

- Multi-bit driver includes 14 different screwdriver tips plus a 1/4" (6.4 mm) nut driver
- Internal storage for screwdriver bits



32290



Internal Storage



Cat. No.	Description	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	Hex Bits	TORX Bits	Combo Bits	Other Bits	Overall Length	Weight
32290 <b>NEW!</b>	Multi-Bit Screwdriver with Storage 15 Pc	4" (101.6 mm)	4 mm, 6 mm	#0, #1, #2, #3	#1, #2	1/4"	—	#10, #15, #20, #25	#1, #2	—	8-1/2" (215.9 mm)	8.0 oz. (227 g)
32291 <b>NEW!</b>	Tamperproof Multi-Bit Screwdriver 15 Pc	4" (101.6 mm)	—	—	—	1/4"	Pins: 1/8", 9/64", 5/32", 3/16"	Pins: #10, #15, #20, #25, #27, #30	—	Spanners: #6, #8, #10, #12	8-1/2" (215.9 mm)	8.0 oz. (227 g)
32292 <b>NEW!</b>	HVAC Multi-Bit Screwdriver 15 Pc	4" (101.6 mm)	4 mm, 6 mm	#0, #1, #2, #3	#1, #2	1/4"	—	#10, #15, #20, #25	—	Schrader® Valve Insertion, Core Removal	8-1/2" (215.9 mm)	8.0 oz. (227 g)

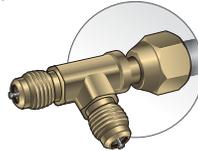
Schrader® is a registered trademark of Schrader-Bridgeport International, Inc.

### 11-in-1 Screwdriver/Nut Driver with Schrader® Valve Removal/Installation Bit

- Great for HVAC and other industrial applications
- Includes unique style bit for installation/removal of common TR-4 Schrader® valves and aggressive thread extractor tip for backing out broken cores



32527



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Combo Bits	Nut Driver Sizes	Other Bits	Overall Length	Weight
32527	4" (101.6 mm)	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	#1 and #2	—	3/8", 5/16" and 1/4"	Schrader® Valve Core Removal/Installation - Extractor	7-3/4" (196.9 mm)	7.0 oz. (198 g)

Schrader® is a registered trademark of Schrader-Bridgeport International, Inc.

### 11-in-1 Combo-Tip Screwdriver/Nut Driver

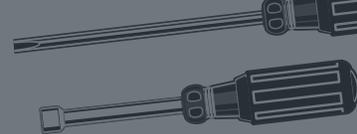
- Precision machined tip designed for combination head screws



32505



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Combo Bits	Nut Driver Sizes	Overall Length	Weight
32505	4" (101.6 mm)	1/4" (6.4 mm), 5/16" (7.9 mm)	#1 and #2	#1 and #2	#1 and #2	1/4", 5/16" 3/8"	7-1/4" (184.2 mm)	8.0 oz. (227 g)



## Multi-Bit Cushion-Grip Screwdrivers/Nut Drivers

### Heavy-Duty Multi-Bit Screwdriver/Nut Driver

- Superior torque for tough applications
- Interchangeable shaft holds six universal tips; converts to three nut driver sizes and one hex driver
- Strong, heat-treated nut drivers for improved torque



32557



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	Hex Bits	Overall Length	Weight
32557	2-61/64" (75.0 mm)	3/16" (4.8 mm) and 1/4" (6.4 mm)	#1 and #2	#1 and #2	1/4", 5/16" and 3/8"	3/8"	7-57/64" (200.4 mm)	7.7 oz. (218 g)

### Ratcheting Multi-Bit Screwdriver/Nut Driver

- High torque 3-way ratcheting mechanism, forward, reverse and locked positions for tough applications
- Interchangeable shaft holds six universal tips; converts to three nut driver sizes and one hex driver
- Strong, heat-treated nut drivers for improved torque



32558



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	Hex Bits	Overall Length	Weight
32558	2-61/64" (75.0 mm)	3/16" (4.8 mm) and 1/4" (6.4 mm)	#1 and #2	#1 and #2	1/4", 5/16" and 3/8"	3/8"	7-57/64" (200.4 mm)	7.7 oz. (218 g)

### 6-in-1 Ratcheting Stubby Screwdrivers

- Ratcheting mechanism allows user to work faster with more efficiency

**NEW!**



32593



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	Overall Length	Weight
32593 <b>NEW!</b>	1-19/64" (32.9 mm)	1/4" (6.4 mm) and 3/4" (19.1 mm)	#1 and #2	—	1/4" and 5/16"	3-1/2" (88.9 mm)	1.6 oz. (45 g)
32594 <b>NEW!</b>	1-19/64" (32.9 mm)	3/16" (4.8 mm)	#2	#1 and #2	1/4" and 5/16"	3-1/2" (88.9 mm)	1.6 oz. (45 g)

### Extended-Reach Multi-Bit Screwdrivers/Nut Drivers

- Interchangeable shaft holds four universal tips and converts to two nut driver sizes
- Extended shafts and blades provide 39% longer reach
- Small diameter shaft for comfortable grip and quick, easy turning



32559



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	Overall Length	Weight
32559	4-7/64" (104.4 mm)	3/16" (4.8 mm) and 1/4" (6.4 mm)	#1 and #2	—	1/4" and 5/16"	9-7/64" (231.4 mm)	6.6 oz. (187 g)
32560	4-7/64" (104.4 mm)	1/4" (6.4 mm)	#2	#1 and #2	1/4" and 5/16"	9-7/64" (231.4 mm)	6.6 oz. (187 g)



## Multi-Bit Cushion-Grip Screwdrivers/Nut Drivers

### Multi-Bit Screwdriver/Nut Drivers

- Integrated screwdriver/nut driver shaft holds popular tips and converts nut driver sizes



32476



Cat. No.	Description	Shank Length	Slotted Bits	Phillips Bits	Square Bits	TORX® Bits	Nut Driver Sizes	Overall Length	Weight
32476	5-in-1 Screwdriver/ Nut Driver	4" (101.6 mm)	9/32" (7.1 mm) and 3/16" (4.8 mm)	#1 and #2	—	—	5/16"	7-3/4" (196.9 mm)	7.7 oz. (218 g)
32477	10-in-1 Screwdriver/ Nut Driver	4" (101.6 mm)	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	#1 and #2	T10 and T15	5/16" and 1/4"	7-3/4" (196.9 mm)	8.0 oz. (227 g)
32500	11-in-1 Screwdriver/ Nut Driver	4" (101.6 mm)	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	#1 and #2	T10 and T15	3/8", 5/16" and 1/4"	7-1/4" (184.2 mm)	8.0 oz. (227 g)

TORX® is a registered trademark of Acument Intellectual Properties, LLC.

### Stubby Multi-Bit Screwdriver/Nut Driver

- Compact design features standard 1-1/4" (32 mm) shaft allowing easy access to tight work spaces
- Shaft holds four universal tips and converts to two nut driver sizes



32561



US Patent: D684,836

Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	Overall Length	Weight
32561	1-17/64" (32.1 mm)	3/16" (4.8 mm) and 1/4" (6.4 mm)	#1 and #2	—	1/4" and 5/16"	3-13/32" (86.5 mm)	2.6 oz. (73 g)
32562	1-17/64" (32.1 mm)	3/16" (4.8 mm)	#2	#1 and #2	1/4" and 5/16"	3-13/32" (86.5 mm)	2.6 oz. (73 g)

### 4-in-1 Electronics Precision Screwdriver

- Four different tips in one tool
- Rotating cap for optimum and precise control
- Heat treated precision ground tip for greater strength
- Cushion-Grip handles for maximum comfort when working on small equipment

**NEW!**



32581



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Overall Length	Weight
32581 <b>NEW!</b>	2-51/64" (71.0 mm)	1/8" (3.2 mm) and 3/32" (2.4 mm)	#0 and #00	6-1/2" (165.1 mm)	1.1 oz. (31 g)

### Multi-Bit Tap Tool Driver

- Increases job speed by combining taps and drivers in one tool
- Six common tap sizes (6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20)

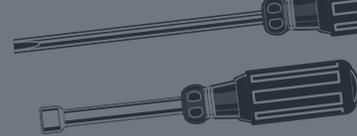


32517



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Nut Driver Sizes	Overall Length	Weight
32517	4" (101.6 mm)	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	1/4", 5/16" and 3/8"	7-3/4" (196.9 mm)	8.0 oz. (227 g)





## Multi-Bit Cushion-Grip Screwdrivers/Nut Drivers

### 10-in-1 Folding Screwdriver/Nut Driver

10-FOLD™



32535

- Conveniently folds up for easy storage or to fit into your pocket
- Each driver arm contains four interchangeable bit styles and two nut drivers
- Unfold each driver arm up to a full 180° for straight on driving power, or at 90° for extra leverage on stubborn fasteners
- The quick release button easily unlocks a fully extended driver arm

32536  
TORX®



32537  
Tamperproof TORX®



32538  
Standard Hex



32539  
Metric Hex



32434  
Schrader®



32535  
Standard



Cat. No.	Handle Color	Slotted Bits	Phillips Bits	Square Bits	TORX® Bits	Nut Driver Sizes	Hex Bits	Other Bits	Weight
32535	Black	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	#1 and #2	T10 and T15	5/16" and 1/4"	—	—	5.9 oz. (167 g)
32536	Green	—	—	—	T6, T7, T8, T10, T15, T20, T25, T27	5/16" and 1/4"	—	—	5.9 oz. (167 g)
32537	Green	—	—	—	T7, T8, T9, T10, T15, T20, T25, T27	5/16" and 1/4"	—	—	5.9 oz. (167 g)
32538	Red	—	—	—	—	5/16" and 1/4"	1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	—	5.9 oz. (167 g)
32539	Blue	—	—	—	—	5/16" and 1/4"	0.9 mm, 1.3 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	—	5.9 oz. (167 g)
32534	Blue	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	#1 and #2	—	5/16" and 1/4"	—	Valve Core Removal/Installation - Extractor	5.9 oz. (167 g)

Schrader® is a registered trademark of Schrader-Bridgeport International, Inc.  
TORX® is a registered trademark of Acument Intellectual Properties, LLC.

## Magnetic Screwdriver Bit Sets

### Non-Ratcheting Magnetic Screwdriver with 32-Piece Tamperproof Bit Set

- Sturdy bit and screw holding magnet allows for screws to fit securely in place for easy use
- Durable PVC black block allows for easy storage of standard 1/4" bits
- Includes complete tamperproof bit set in block



32510

Cat. No.	Included	Weight
32510	Bits Included: TORX® - T7, T8, T10, T15, T20, T25, T27, T30 and T40 Fraction Hex - 3/32", 7/64", 1/8", 9/64", 5/32", and 3/16" Metric Hex - 2 mm, 2.5 mm, 3 mm, 4 mm, and 5 mm Spanner - 4, 6, 8, and 10 Tri-Wing® - 1, 2, 3 and 4 TORQ-SET® - 6, 8 and 10, 1/4" (6 mm) Square to 1/4" (6 mm) Hex Adapter to Drive Sockets	11.4 oz. (323 g)

### 32-Piece Bit Sets

- Durable PVC black block allows for easy storage of standard 1/4" bits
- Block slides over most screwdriver shafts for easy bit access and storage
- Industrial strength, heat-treated steel bits for long lasting use
- 1/4" square to 1/4" hex adapter to drive sockets



32526



32525

Cat. No.	Description	Included	Weight
32526	32 Piece Standard Tip Bit Set	Hex: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" and 3/16" Phillips: #0, #1, #2 and #3 Square Recess: #1, #2 and #3 TORX® - T6, T7, T8, T10, T15, T20 and T25 Slotted: 3-4, 5-6, 6-8, 8-10, 10-12 and 12-14 Screw Sizes Clutch: 5/32" and 3/16"	6.8 oz. (193 g)
32525	32 Piece Tamperproof Bit Set	TORX®: T7, T8, T10, T15, T20, T25, T27, T30 and T40 Fraction Hex: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", and 3/16" Metric Hex: 2 mm, 2.5 mm, 3 mm, 4 mm and 5 mm Spanner: 4, 6, 8, and 10 Tri-Wing®: 1, 2, 3 and 4 TORQ-SET®: 6, 8 and 10	6.8 oz. (193 g)

See page 310 for additional information on warnings.

Additional and replacement bits can be found on page 74

73



## Replacement Parts

### Replacement Parts for Multi-Bit Screwdriver/Nut Drivers

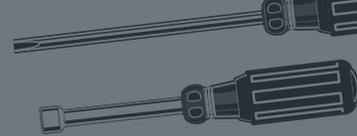
- Precision-machined tips for exact fit into fastener



Cat. No.	Description	For Use With	Package Quantity
32392	Heavy Duty Main Barrel Replacement	Heavy Duty (32557) and Ratcheting (32558)	1 Unit
32394	Secondary Blade Barrel Replacement	Heavy Duty (32557) and Ratcheting (32558)	2 Units
32395	Extended Blade Barrel Replacement	Extended Reach Drivers (32559 and 32560)	1 Unit
32396	Stubby Blade Barrel Replacement	Stubby Drivers (32561 and 32562)	1 Unit
32397	Replacement Bit #2 Phillips & #1 Square	Heavy Duty (32557) and Ratcheting (32558)	2 Bits
32398	Bit #1 Phillips 1/4" Slotted	Heavy Duty (32557), Ratcheting (32558) and Stubby (32561)	2 Bits
32399	Replacement Bit #2 Square 3/16" Slotted	Heavy Duty (32557) and Ratcheting (32558)	2 Bits
32400	Replacement Bit #2 Phillips, #1 Phillips	Extended Reach (32559)	2 Bits
32401	Bit 3/16" Slotted 1/4" Slotted	Extended Reach (32559)	2 Bits
32410	Replacement Bit #2 Square & #2 Phillips	Stubby Driver (32560)	2 Bits
32411	Replacement Bit #1 Square, 1/4" Slotted	Stubby Driver (32560)	2 Bits
32412	Bit for Stubby #2 PH 3/16" Slotted	Stubby Driver (32561)	2 Bits
32478	Bit for 32476 and 32460, #1 PH 3/16" SL	5-in-1 (32476)	1 Bit
32479	Bit #2 Phillips, 9/32" Slotted	5-in-1 (32476)	1 Bit
32482	Bit #1 Phillips, 3/16" Slotted	10-in-1, 11-in-1 and 10-Fold™	2 Bits
32483	Bit #2 Phillips 1/4" Slotted	10-in-1, 11-in-1 and 10-Fold™	2 Bits
32484	Replacement Bit #1 Square & #2 Square	10-in-1, 11-in-1 and 10-Fold™	2 Bits
67101	Bit #2 Phillips, 3/16" Slotted	2-in-1 Rapi-Drive®, 10-in-1, 11-in-1 and 10-Fold™	2 Bits
32540	Bit TT7, TT8 Tamperproof TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32541	Bit TT9, TT10 Tamperproof TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32542	Bit TT15 and TT20 Tamperproof TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32543	Bit TT25 and TT27 Tamperproof TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32544	Replacement Bit #6 TORX® & #7 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32485	Replacement Bit #10 TORX® & #15 TORX®	10-in-1, 11-in-1 and 10-Fold™	2 Bits
32545	Replacement Bit #8 TORX® & #10 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32546	Replacement Bit #T25 TORX® & #T27 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32547	Replacement Bit 3/32" Hex & 7/64" Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32548	Replacement Bit 5/32" Hex & 3/16" Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32549	Replacement Bit 1/16" Hex & 5/64" Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32550	Replacement Bit 1/8" Hex & 9/64" Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32551	Replacement Bit .9 mm Hex & 1.3 mm Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32552	Replacement Bit 1.5 mm Hex & 2 mm Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32553	Replacement Bit 2.5 mm Hex & 3 mm Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32554	Replacement Bit 4 mm Hex & 5 mm Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32752	Double Sided Combo Replacement Bit	Combo-Tip Multi-Tool (32505)	2 Bits
32528	Replacement Bit for 11-in-1	11-in-1 Schrader (32527)	1 Bit
32770	Replacement Bit, Phillips #1, #2	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32771	Replacement Bit, Phillips #0, #3	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32772	Replacement Bit, Square #1, #2	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32773	Replacement Bit, Torx 10, 15	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32774	Replacement Bit, Torx 20, 25	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32775	Replacement Bit, Slotted 4mm, 6mm	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32776	Replacement Bit, Combo Tip #1, #2	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32777	Replacement Bit, Spanner 6, 8	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32778	Replacement Bit, Spanner 10, 12	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32779	Replacement Bit, Hex Pin 1/8, 9/64	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32780	Replacement Bit, Hex Pin 5/32, 3/16	15-in-1 Screwdrivers (32290, 32291, 32292)	1 bit
32781	Replacement Bit, Tamperproof 10, 15	15-in-1 Tamperproof Screwdriver (32291)	1 bit
32782	Replacement Bit, Tamperproof 20, 25	15-in-1 Tamperproof Screwdriver (32291)	1 bit
32783	Replacement Bit, Tamperproof 27, 30	15-in-1 Tamperproof Screwdriver (32291)	1 bit
32784	Replacement Bit, Schrader Valve & Core Remover	15-in-1 HVAC Screwdriver (32292)	1 bit
13391	Replacement Bits, 4-in-1 Elect., PH 0, SLTD 3/32"	4-in-1 Electronics Screwdriver (Cat. No. 32581)	2 Bits
13392	Replacement Bits, 4-in-1 Elect., PH 00, SLTD 1/8"	4-in-1 Electronics Screwdriver (Cat. No. 32581)	2 Bits



# Screwdrivers, Nut Drivers and Accessories



## Plastic-Handle Screwdrivers

**Meets or exceeds** applicable ASME / ANSI and MIL specifications

**Nickel-chrome, precision-forged** and polished blades with black tips

**Tough amber plastic handle**

**Smooth Comfordome® handles** fit the palm of the hand comfortably.



**Chrome-plated shank** helps prevent corrosion

**Internal flanges** provide solid, twist-resistant shaft anchor.



## 7-Piece Combination Screwdriver Set



### Additional Features:

- Set contains two Phillips-tip screwdrivers, two slotted keystone-tip screwdrivers and three popular cabinet-tip screwdrivers



Cat. No.	Set Contains	Weight			
85276		1.1 lbs. (0.50 kg)			
Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length
BD284	Keystone	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-1/2" (215.9 mm)
BD306	Keystone	5/16" (7.9 mm)	Square	6" (152.4 mm)	11-3/16" (284.2 mm)
A216-3	Cabinet	1/8" (3.2 mm)	Round	3" (76.2 mm)	6" (152.4 mm)
A216-4	Cabinet	1/8" (3.2 mm)	Round	4" (101.6 mm)	7" (177.8 mm)
A216-6	Cabinet	1/8" (3.2 mm)	Round	6" (152.4 mm)	9" (228.6 mm)
BD111	Phillips	#1	Round	3" (76.2 mm)	6-5/8" (168.3 mm)
BD122	Phillips	#2	Round	4" (101.6 mm)	8-1/2" (215.9 mm)

85276

## Bull Driver™ Plastic-Handle Screwdrivers



### Additional Features:

- Oversized handle is 35% larger than comparable screwdriver handles
- Delivers up to 50% extra power to perform tough jobs with minimum effort



BD306

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
BD284	Keystone	1/4" (6.4 mm)	Square	4" (101.6 mm)	8-1/2" (215.9 mm)	4.0 oz. (113 g)
BD286	Keystone	1/4" (6.35 mm)	Square	6" (152.4 mm)	10-1/2" (266.7 mm)	4.8 oz. (136 g)
BD306	Keystone	5/16" (7.9 mm)	Square	6" (152.4 mm)	11-3/16" (284.2 mm)	5.6 oz. (159 g)
BD308	Keystone	5/16" (7.9 mm)	Square	8" (203.2 mm)	13-3/16" (335.0 mm)	6.4 oz. (181 g)
BD410	Keystone	3/8" (9.52 mm)	Square	10" (254.0 mm)	15-3/16" (385.8 mm)	9.6 oz. (272 g)
BD412	Keystone	3/8" (9.52 mm)	Square	12" (304.8 mm)	17-3/16" (436.6 mm)	12.0 oz. (340 g)
BD144	Keystone	1/4" (6.4 mm)	Round	4" (101.6 mm)	8-1/2" (215.9 mm)	4.0 oz. (113 g)
BD146	Keystone	1/4" (6.4 mm)	Round	6" (152.4 mm)	10-1/2" (266.7 mm)	4.0 oz. (113 g)
BD156	Keystone	5/16" (7.9 mm)	Round	6" (152.4 mm)	11-3/16" (284.2 mm)	5.6 oz. (159 g)
BD408	Keystone	3/8" (9.52 mm)	Round	8" (203.2 mm)	13-3/16" (335.0 mm)	8.0 oz. (227 g)
BD510	Keystone	3/8" (9.52 mm)	Round	10" (254 mm)	15-3/16" (385.76 mm)	8.8 oz. (249 g)
BD512	Keystone	3/8" (9.5 mm)	Round	12" (305 mm)	17-3/16" (437 mm)	9.6 oz. (272 g)
BD111	Phillips	#1	Round	3" (76.2 mm)	6-5/8" (168.3 mm)	1.6 oz. (45 g)
BD122	Phillips	#2	Round	4" (101.6 mm)	8-1/2" (215.9 mm)	3.2 oz. (91 g)
BD133	Phillips	#3	Round	6" (152.4 mm)	11-3/16" (284.2 mm)	5.6 oz. (159 g)

See page 310 for additional information on warnings.



## Plastic-Handle Screwdrivers

### Plastic-Handle Screwdrivers



P28

**Additional Features:**

- Precision-machined Phillips tips provide a more consistent geometric symmetry to ensure accurate fit and torque without slippage
- Small-diameter cabinet-tip shanks for use in recessed holes or tight places and is well-suited for electrical and telecommunications work

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
P18	Phillips	#1	Round	8" (203.2 mm)	11-1/2" (292.1 mm)	2.4 oz. (68 g)
P28	Phillips	#2	Round	8" (203.2 mm)	11-5/8" (295.3 mm)	3.2 oz. (91 g)
P212	Phillips	#2	Round	12" (304.8 mm)	15-5/8" (396.9 mm)	4.0 oz. (113 g)
P202	Phillips	#2	Round	20" (508.0 mm)	24-1/2" (622.3 mm)	8.8 oz. (249 g)
A000	Keystone	3/32" (2.4 mm)	Round	1-1/2" (38.1 mm)	2-7/8" (73.0 mm)	0.3 oz. (8.5 g)
A216-2	Cabinet	1/8" (3.17 mm)	Round	2" (50.8 mm)	5" (127 mm)	0.8 oz. (23 g)
A216-3	Cabinet	1/8" (3.2 mm)	Round	3" (76.2 mm)	6" (152.4 mm)	0.8 oz. (23 g)
A216-4	Cabinet	1/8" (3.2 mm)	Round	4" (101.6 mm)	7" (177.8 mm)	0.8 oz. (23 g)
A216-6	Cabinet	1/8" (3.2 mm)	Round	6" (152.4 mm)	9" (228.6 mm)	0.8 oz. (23 g)
A216-8	Cabinet	1/8" (3.2 mm)	Round	8" (203.2 mm)	11" (279.4 mm)	0.8 oz. (23 g)
A216-10	Cabinet	1/8" (3.2 mm)	Round	10" (254.0 mm)	13" (330.2 mm)	0.8 oz. (23 g)
A316-3	Cabinet	3/16" (4.76 mm)	Round	3" (76.2 mm)	6-5/8" (168.27 mm)	1.6 oz. (45 g)
A316-4	Cabinet	3/16" (4.8 mm)	Round	4" (101.6 mm)	7-5/8" (193.7 mm)	1.6 oz. (45 g)
A316-6	Cabinet	3/16" (4.8 mm)	Round	6" (152.4 mm)	9-5/8" (244.5 mm)	1.6 oz. (45 g)
A316-8	Cabinet	3/16" (4.76 mm)	Round	8" (203.2 mm)	11-5/8" (295.27 mm)	2.4 oz. (68 g)
A316-10	Cabinet	3/16" (4.8 mm)	Round	10" (254.0 mm)	13-5/8" (346.1 mm)	3.2 oz. (91 g)
70155	Cabinet	1/4" (6.4 mm)	Round	20" (508.0 mm)	24-1/2" (622.3 mm)	7.2 oz. (204 g)

### Pocket-Clip Screwdrivers



A116-3

**Additional Features:**

- Specially designed for delicate instrument work

Cat. No.	Tip Type	Tip Size	Shank Length	Shank Type	Overall Length	Weight
A130-2	Keystone	1/8" (3.2 mm)	2" (50.8 mm)	Round	3-7/8" (98.4 mm)	0.8 oz (23 g)
A130-3	Keystone	1/8" (3.2 mm)	3" (76.2 mm)	Round	4-7/8" (123.8 mm)	0.6 oz. (17 g)
A116-2	Keystone	3/32" (2.4 mm)	2" (50.8 mm)	Round	4-7/16" (112.7 mm)	0.8 oz (23 g)
A116-3	Keystone	3/32" (2.4 mm)	3" (76.2 mm)	Round	5-7/16" (138.1 mm)	0.5 oz. (14 g)
A131-2	Keystone	1/8" (3.2 mm)	2" (50.8 mm)	Round	4-7/16" (112.7 mm)	0.8 oz (23 g)
P12	Phillips	#0	2-1/2" (63.5 mm)	Round	5" (127.0 mm)	0.8 oz (23 g)

### Magnetic Plastic-Handle Screwdriver

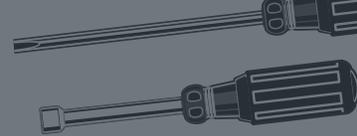
- Powerful magnet built into its shank to hold interchangeable bits and also screws
- Comfortable handle for easier driving
- Interchangeable bits store inside handle for quick access
- Wide selection of bits for different screw types



70035

Cat. No.	Shank Length	Tip Size	Overall Length	Weight
70035	3-3/4" (95.3 mm)	Slotted 3/16" (4.8 mm), 9/32" (7.1 mm); Phillips #1, #2	7-1/4" (184.2 mm)	4 oz. (113 g)





## Screw-Holding Screwdrivers

### 3-Piece Slotted Plastic-Handle Screw-Holding Screwdriver Set

- Not designed for torquing or tightening



SK234

Cat. No.	Set Contains	Weight		
SK234		6.6 oz. (187 g)		
Cat. No.	Tip Type	Tip Size	Shank Length	Overall Length
K23	Slotted	3/16" (4.8 mm)	3" (76.2 mm)	5-1/4" (133.4 mm)
K34	Slotted	1/4" (6.4 mm)	4" (101.6 mm)	7-3/4" (196.9 mm)
K46	Slotted	5/16" (7.9 mm)	6" (152.4 mm)	10-1/4" (260.4 mm)

### Slotted Plastic-Handle Screw-Holding Screwdrivers

- Positive gripping action holds, starts, and drives slotted screws in awkward, hard-to-reach places
- Split-blade screw-holding driver wedges into screw slot
- Not designed for torquing or tightening



K36

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
K23	Slotted	3/16" (4.8 mm)	Round	3" (76.2 mm)	5-1/4" (133.4 mm)	0.8 oz. (23 g)
K28	Slotted	3/16" (4.8 mm)	Round	8" (203.2 mm)	10-1/4" (260.4 mm)	1.6 oz. (45 g)
K34	Slotted	1/4" (6.4 mm)	Round	4" (101.6 mm)	7-3/4" (196.9 mm)	1.6 oz. (45 g)
K36	Slotted	1/4" (6.4 mm)	Round	6" (152.4 mm)	9-3/4" (247.7 mm)	2.4 oz. (68 g)
K38	Slotted	1/4" (6.4 mm)	Round	8" (203.2 mm)	11-3/4" (298.5 mm)	3.2 oz. (91 g)
K44	Slotted	5/16" (7.9 mm)	Round	4" (101.6 mm)	8-1/4" (209.6 mm)	4.0 oz. (113 g)
K46	Slotted	5/16" (7.9 mm)	Round	6" (152.4 mm)	10-1/4" (260.4 mm)	4.0 oz. (113 g)
K48	Slotted	5/16" (7.9 mm)	Round	8" (203.2 mm)	12-1/4" (311.2 mm)	4.8 oz. (136 g)

### Phillips-Tip Screw-Holding Screwdrivers

- Positive gripping action holds and starts Phillips screws in awkward, hard-to-reach places
- Blade separates to hold the fastener
- Not designed for torquing or tightening



K16

Cat. No.	Overall Length	Weight
K14	5" (127.0 mm) with Pocket Clip	0.8 oz. (23 g)
K16	7" (177.8 mm)	0.8 oz. (23 g)
K19	9" (228.6 mm)	0.8 oz. (23 g)



## Impact and Torque Drivers

### Reversible Impact-Driver Set

- Rugged, hand-impact driver turns rusted, frozen, or other stubborn screws
- Can also be used with 3/8" square-drive impact sockets
- Internal, spring-loaded, helical design transforms the impact of a hammer blow to up to 200 ft.-lbs. of shock torque
- Easily reverses for tightening or loosening screws
- Constructed of high-grade alloy steel that has been heat-treated for added strength
- Reclosable, seal-tight vinyl pouch with hang-up grommet



70220

Cat. No.	Includes	Nut Driver Sizes	Phillips Bits	Slotted Bits	Weight
70220	3/8" (9.5 mm) Square Drive fitting Adapter	5/16"	#2 and #4	5/16" (7.9 mm) and 1/2" (12.7 mm)	2.2 lbs. (1.00 kg)

#### Replacement Part

Cat. No.	Description	Slotted Bits	Phillips Bits	Weight
70229	Screwdriver Bits for Impact Driver Set	5/16" (7.9 mm) and 1/2" (12.7 mm)	#2 and #4	4.0 oz. (113 g)

### Torque Screwdriver Set

- Compact, easy to use set includes the Torque Screwdriver, a 6-piece bit set and a rugged case with foam inserts for a tight, organized fit
- Increased usability and readability plus a wider torque range (5-40 in. lbs)
- Tri-lobular design with a textured finish for better grip
- Lightweight, aluminum frame
- N.I.S.T. traceable calibration certificate
- Set includes six 3-1/2" (89 mm) power drivers



57032

Cat. No.	Included	Weight
57032	Phillips: #1 and #2 Slotted: 3/16" (4.76 mm) and 1/4" (6.35 mm) Square: #1 and #2	1.0 lbs. (0.45 kg)



## Heavy-Duty Cushion-Grip Nut Drivers

### Through-handle full-hollow shaft

design for torquing hex nuts onto threaded rod of any length



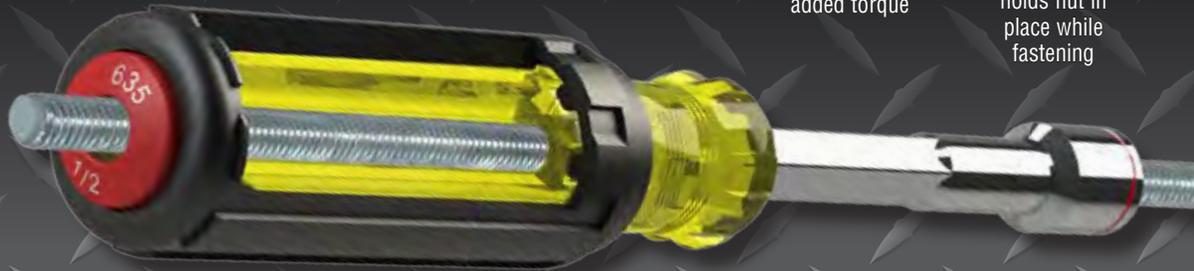
**Wrench-assist**  
feature for  
added torque



**Rare-earth  
magnetic tip**  
holds nut in  
place while  
fastening



**Color-coded  
ends and tips**  
for easy size  
identification



**6 sizes** 1/4", 5/16", 3/8",  
7/16", 1/2" and 9/16" sizes

PROUDLY BUILT IN  
**USA**  
WITH GLOBAL COMPONENTS

### 6-Piece Heavy-Duty Nut Driver Set

Cat. No.	Set Contains	Weight	
635-6		2.5 lbs. (1.13 kg)	
Cat. No.	Color Code	Hex Size	Overall Length
635-1/4	Red	1/4"	9" (228.6 mm)
635-5/16	Yellow	5/16"	9" (228.6 mm)
635-3/8	Blue	3/8"	9" (228.6 mm)
635-7/16	Brown	7/16"	9-25/64" (238.5 mm)
635-1/2	Red	1/2"	9-25/64" (238.5 mm)
635-9/16	Orange	9/16"	9-25/64" (238.5 mm)



### 4-Piece Heavy-Duty Nut Driver Set

Cat. No.	Set Contains	Weight	
635-4		1.4 lbs. (0.64 kg)	
Cat. No.	Color Code	Hex Size	Overall Length
635-1/4	Red	1/4"	9" (228.6 mm)
635-5/16	Yellow	5/16"	9" (228.6 mm)
635-3/8	Blue	3/8"	9" (228.6 mm)
635-7/16	Brown	7/16"	9-25/64" (238.5 mm)



### Heavy-Duty Nut Drivers

Cat. No.	Color Code	Hex Size	Overall Length	Weight
635-1/4	Red	1/4"	9" (228.6 mm)	4.8 oz. (136 g)
635-5/16	Yellow	5/16"	9" (228.6 mm)	4.8 oz. (136 g)
635-3/8	Blue	3/8"	9" (228.6 mm)	4.8 oz. (136 g)
635-7/16	Brown	7/16"	9-25/64" (238.5 mm)	6.4 oz. (181 g)
635-1/2	Red	1/2"	9-25/64" (238.5 mm)	8.0 oz. (227 g)
635-9/16	Orange	9/16"	9-25/64" (238.5 mm)	8.0 oz. (227 g)



See page 310 for additional information on warnings.



# Cushion-Grip Nut Drivers

Meets or exceeds applicable ASME / ANSI and MIL specifications



Handle end is also color coded for easy identification

Tip-Ident® quickly identifies nut driver and size

Internal flanges provide solid, twist-resistant shaft anchor



Cushion-Grip handle for greater torque and comfort

Premium chrome-plated shaft for smooth feel and corrosion resistance



## 7-Piece Magnetic-Tip Hollow-Shaft Nut Driver Sets

**Additional Features:**

- Exclusive hollow shaft\* design with Rare Earth magnetic tip features unobstructed pass-through, even on long bolts

Cat. No.	Set Contains	Weight		
631M	Magnetic Nut Driver Set 3" Shaft, 7 Pc	1.5 lbs. (0.68 kg)		
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length
630-3/16M*	Black	3/16"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-1/4M	Red	1/4"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-5/16M	Yellow	5/16"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-11/32M	Green	11/32"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-3/8M	Blue	3/8"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-7/16M	Brown	7/16"	3" (76.2 mm)	7-5/16 (185.7 mm)
630-1/2M	Red	1/2"	3" (76.2 mm)	7-5/16 (185.7 mm)
647M	Magnetic Nut Driver Set 6" Shafts, 7 Pc	1.5 lbs. (0.68 kg)		
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length
646-3/16M*	Black	3/16"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-1/4M	Red	1/4"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-5/16M	Yellow	5/16"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-11/32M	Green	11/32"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-3/8M	Blue	3/8"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-7/16M	Brown	7/16"	6" (152.4 mm)	10-5/16" (261.9 mm)
646-1/2M	Red	1/2"	6" (152.4 mm)	10-5/16" (261.9 mm)

\*3/16" magnetic nut driver does not have hollow shaft



631M

## 2-Piece Magnetic-Tip Hollow-Shaft Nut Driver Sets

**Additional Features:**

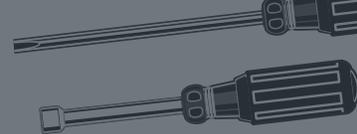
- Exclusive hollow shaft\* design with Rare Earth magnetic tip features unobstructed pass-through, even on long bolts

Cat. No.	Set Contains	Weight		
630M	Magnetic Nut Driver Set 3" Shank 2 Pc	6.4 oz. (181 g)		
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length
630-1/4M	Red	1/4"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-5/16M	Yellow	5/16"	3" (76.2 mm)	6-3/4" (171.5 mm)
646M	Nut Driver Set 6" Shafts, Magnetic 2 Pc	8.0 oz. (227 g)		
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length
646-1/4M	Red	1/4"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-5/16M	Yellow	5/16"	6" (152.4 mm)	9-3/4" (247.7 mm)



630M





## Cushion-Grip Nut Driver Sets

### 7-Piece Nut Driver Sets



Cat. No.	Set Contains	Weight		
631	Nut Driver Set 3" Shafts, 7 Pc	1.5 lbs. (0.68 kg)		
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length
630-3/16	Black	3/16"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-1/4	Red	1/4"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-5/16	Yellow	5/16"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-11/32	Green	11/32"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-3/8	Blue	3/8"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-7/16	Brown	7/16"	3" (76.2 mm)	7-5/16" (185.7 mm)
630-1/2	Red	1/2"	3" (76.2 mm)	7-5/16" (185.7 mm)
647	Nut Driver Set 6" Shafts, 7 Pc	1.7 lbs. (0.77 kg)		
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length
646-3/16	Black	3/16"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-1/4	Red	1/4"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-5/16	Yellow	5/16"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-11/32	Green	11/32"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-3/8	Blue	3/8"	6" (152.4 mm)	9-3/4" (247.7 mm)
646-7/16	Brown	7/16"	6" (152.4 mm)	10-5/16" (261.9 mm)
646-1/2	Red	1/2"	6" (152.4 mm)	10-5/16" (261.9 mm)



631

### 7-Piece Metric Nut Driver Set



#### Additional Features:

- Standard length for most applications

Cat. No.	Set Contains	Weight		
65160		1.5 lbs. (0.68 kg)		
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length
630-5MM	Black	5 mm	3" (76.2 mm)	6-3/4" (171.5 mm)
630-55MM	Brown	5.5 mm	3" (76.2 mm)	6-3/4" (171.5 mm)
630-6MM	Red	6 mm	3" (76.2 mm)	6-3/4" (171.5 mm)
630-7MM	Orange	7 mm	3" (76.2 mm)	6-3/4" (171.5 mm)
630-8MM	Yellow	8 mm	3" (76.2 mm)	6-3/4" (171.5 mm)
630-9MM	Green	9 mm	3" (76.2 mm)	6-3/4" (171.5 mm)
630-10MM	Blue	10 mm	3" (76.2 mm)	6-3/4" (171.5 mm)



65160

### 4-Piece Nut Driver Set



#### Additional Features:

- Standard length for most applications

Cat. No.	Set Contains	Weight		
633		1.3 lbs. (0.59 kg)		
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length
630-1/4	Red	1/4"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-5/16	Yellow	5/16"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-3/8	Blue	3/8"	3" (76.2 mm)	6-3/4" (171.5 mm)
630-9/16	Orange	9/16"	4" (101.6 mm)	9-3/8" (238.1 mm)



633

See page 310 for additional information on warnings.



## Cushion-Grip Nut Driver Sets

### 2-Piece Stubby Nut Driver Set

**Additional Features:**

- For work in close quarters



610

Cat. No.	Set Contains					Weight
610	Stubby Nut Driver Set 1-1/2" Shafts, 2 Pc					3.2 oz. (91 g)
Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length		
610-1/4	Red	1/4"	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)		
610-5/16	Yellow	5/16"	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)		
610M	Nut Driver Set 1-1/2" Hollow Shaft, 2 Pc					3.2 oz. (91 g)
Cat. No.	Color Code	Hex Size	Shank Length	Overall Length		
610-1/4M	Red	1/4"	1-1/2" (38 mm)	3-1/2" (88.9 mm)		
610-5/16M	Yellow	5/16"	1-1/2" (38 mm)	3-1/2" (88.9 mm)		



## Cushion-Grip Nut Drivers

### Magnetic-Tip Hollow-Shaft Nut Drivers

**Additional Features:**

- Exclusive hollow shaft\* design with Rare Earth magnetic tip features unobstructed pass-through, even on long bolts



630-3/8M



Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight
610-1/4M	Red	1/4"	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)	1.6 oz. (45 g)
610-5/16M	Yellow	5/16"	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)	1.6 oz. (45 g)
610-3/8M	Blue	3/8" (9.52 mm)	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)	1.6 oz. (45 g)
630-3/16M*	Black	3/16"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-1/4M	Red	1/4"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-5/16M	Yellow	5/16"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-11/32M	Green	11/32"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-3/8M	Blue	3/8"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-7/16M	Brown	7/16"	3" (76.2 mm)	7-5/16" (185.7 mm)	4.0 oz. (113 g)
630-1/2M	Red	1/2"	3" (76.2 mm)	7-5/16" (185.7 mm)	4.0 oz. (113 g)
646-3/16M*	Black	3/16"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
646-1/4M	Red	1/4"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
646-5/16M	Yellow	5/16"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
646-11/32M	Green	11/32"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
646-3/8M	Blue	3/8"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.8 oz. (136 g)
646-7/16M	Brown	7/16"	6" (152.4 mm)	10-5/16" (261.9 mm)	5.6 oz. (159 g)
646-1/2M	Red	1/2"	6" (152.4 mm)	10-5/16" (261.9 mm)	5.6 oz. (159 g)
618-1/4M	Red	1/4"	18" (457.2 mm)	21-3/4" (552.5 mm)	8.0 oz. (227 g)
618-5/16M	Yellow	5/16"	18" (457.2 mm)	21-3/4" (552.5 mm)	8.0 oz. (227 g)

\*3/16" magnetic nut driver does not have hollow shaft

### Hollow-Shaft Stubby Nut Drivers

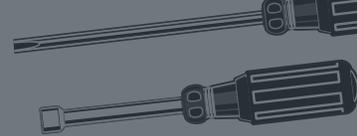
- For work in close quarters



610-5/16

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight
610-1/4	Red	1/4"	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)	1.6 oz. (45 g)
610-5/16	Yellow	5/16"	1-1/2" (38.1 mm)	3-1/2" (88.9 mm)	1.6 oz. (45 g)





## Cushion-Grip Nut Drivers

### Hollow-Shaft Nut Drivers

**Additional Features:**

- 3" (76 mm) length for most long bolt and stud applications
- 6" (152 mm) length reaches into deep recesses and fits over extra-long bolts and studs
- Exclusive hollow shaft\* design with Rare Earth magnetic tip features unobstructed pass-through, even on long bolts



630-11MM

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight
630-3/16*	Black	3/16"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-1/4	Red	1/4"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-5/16	Yellow	5/16"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-11/32	Green	11/32"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-3/8	Blue	3/8"	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-7/16	Brown	7/16"	3" (76.2 mm)	7-5/16 (185.7 mm)	4.0 oz. (113 g)
630-1/2	Red	1/2"	3" (76.2 mm)	7-5/16 (185.7 mm)	4.0 oz. (113 g)
630-9/16	Orange	9/16"	4" (101.6 mm)	9-3/8" (238.1 mm)	5.6 oz. (159 g)
630-5/8	Yellow	5/8"	4" (101.6 mm)	9-3/8" (238.1 mm)	5.6 oz. (159 g)
646-3/16*	Black	3/16"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
646-1/4	Red	1/4"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
646-5/16	Yellow	5/16"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
646-11/32	Green	11/32"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.0 oz. (113 g)
646-3/8	Blue	3/8"	6" (152.4 mm)	9-3/4" (247.7 mm)	4.8 oz. (136 g)
646-7/16	Brown	7/16"	6" (152.4 mm)	10-5/16" (261.9 mm)	5.6 oz. (159 g)
646-1/2	Red	1/2"	6" (152.4 mm)	10-5/16" (261.9 mm)	5.6 oz. (159 g)
646-9/16	Orange	9/16"	6" (152.4 mm)	11-3/8" (288.9 mm)	6.4 oz. (181 g)
646-5/8	Yellow	5/8"	6" (152.4 mm)	11-3/8" (288.9 mm)	6.4 oz. (181 g)
<b>Metric</b>					
630-4MM	Red	4 mm	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-4.5MM	Yellow	4.5 mm	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-5MM	Black	5 mm	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-6MM	Red	6 mm	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-7MM	Orange	7 mm	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-8MM	Yellow	8 mm	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-10MM	Blue	10 mm	3" (76.2 mm)	6-3/4" (171.5 mm)	3.2 oz. (91 g)
630-11MM	Brown	11 mm	3" (76.2 mm)	7-5/16 (185.7 mm)	3.2 oz. (91 g)

\*3/16" magnetic nut driver does not have hollow shaft

### Coated Hollow-Shaft Nut Drivers

**Additional Features:**

- Entire shaft plastic coated for circuit protection only. NOT INSULATED
- Special plastic coating resists cutting, cracking and chipping
- Thin coating permits use in confined areas



640-1/2

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight
640-3/16	Black	3/16"	3" (76.2 mm)	6-3/4" (171.5 mm)	4.0 oz. (113 g)
640-1/4	Red	1/4"	3" (76.2 mm)	6-3/4" (171.5 mm)	4.0 oz. (113 g)
640-5/16	Yellow	5/16"	3" (76.2 mm)	6-3/4" (171.5 mm)	4.0 oz. (113 g)
640-3/8	Blue	3/8"	3" (76.2 mm)	6-3/4" (171.5 mm)	4.0 oz. (113 g)
640-7/16	Brown	7/16"	3" (76.2 mm)	7-5/16 (185.7 mm)	4.8 oz. (136 g)
640-1/2	Red	1/2"	3" (76.2 mm)	7-5/16 (185.7 mm)	4.0 oz. (113 g)
640-9/16	Orange	9/16"	4" (101.6 mm)	9-3/8" (238.1 mm)	6.4 oz. (181 g)
640-5/8	Yellow	5/8"	4" (101.6 mm)	9-3/8" (238.1 mm)	6.4 oz. (181 g)

**⚠ WARNING:** NOT insulated. Coating is intended for protection of circuits only.

See page 310 for additional information on warnings.



## Cushion-Grip Multi-Nut Drivers

### Heavy-Duty Multi-Nut Drivers



**Additional Features:**

- Multiple sizes in one convenient tool
- Heavy-duty handle and shaft exceed the torque performance of regular nut drivers
- Wrench-assist feature for added torque



32800



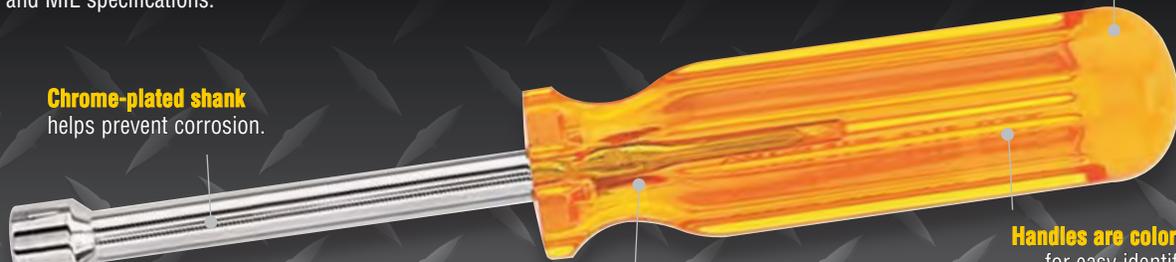
Cat. No.	Driver Type	Hex Size	Shaft Length	Overall Length	Weight
32800	6-in-1	3/16", 1/4", 5/16", 3/8", 7/16", 9/16"	4" (101.6 mm)	9-1/2" (241.3 mm)	1.2 lbs. (0.54 kg)
32801	5-in-1	3/16", 1/4", 5/16", 3/8", 9/16"	4" (101.6 mm)	9-7/64" (231.4 mm)	1.0 lbs. (0.45 kg)

## Plastic-Handle Nut Drivers

**Meets or exceeds** applicable ASME / ANSI and MIL specifications.

**Smooth Comfordome® handles** fit the palm of the hand comfortably.

**Chrome-plated shank** helps prevent corrosion.



**Handles are color-coded** for easy identification.

**Internal flanges** provide solid, twist-resistant shaft anchor.



## 10-Piece Metric Hollow-Shaft Nut Driver Set With Stand

**Additional Features:**

- White enameled metal stand holds all ten 3" shaft metric nut drivers
- Identification label makes individual size selection easy



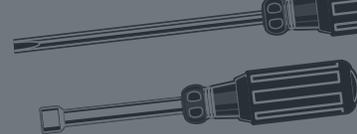
Cat. No.	Set Contains	Weight
70200		1.9 lbs. (0.86 kg)

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length
70204	Black	4 mm	3" (76.2 mm)	6-5/8" (168.3 mm)
70245	Black	4.5 mm	3" (76.2 mm)	6-5/8" (168.3 mm)
70205	Black	5 mm	3" (76.2 mm)	6-5/8" (168.3 mm)
70255	Black	5.5 mm	3" (76.2 mm)	6-5/8" (168.3 mm)
70206	Black	6 mm	3" (76.2 mm)	6-5/8" (168.3 mm)
70207	Black	7 mm	3" (76.2 mm)	6-5/8" (168.3 mm)
70208	Black	8 mm	3" (76.2 mm)	6-5/8" (168.3 mm)
70209	Black	9 mm	3" (76.2 mm)	6-5/8" (168.3 mm)
70210	Black	10 mm	3" (76.2 mm)	7" (177.8 mm)
70211	Black	11 mm	3" (76.2 mm)	7" (177.8 mm)



70200





## Plastic-Handle Nut Driver Sets

### 7-Piece Nut Driver Sets



#### Additional Features:

- Cat. No. K7 includes a convenient vinyl pouch which hangs up or rolls up
- Cat. No. 89904 contains seven 6" (152 mm) shaft nut drivers that reach into deep recesses



K7

Cat. No.	Set Contains					Weight
K7	Nut Driver Set 3" Shafts, 7 Pc					1.2 lbs. (0.54 kg)
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length		
S6	Black	3/16"	3" (76.2 mm)	6-5/8" (168.3 mm)		
S8	Red	1/4"	3" (76.2 mm)	6-5/8" (168.3 mm)		
S10	Amber	5/16"	3" (76.2 mm)	6-5/8" (168.3 mm)		
S11	Green	11/32"	3" (76.2 mm)	6-5/8" (168.3 mm)		
S12	Blue	3/8"	3" (76.2 mm)	6-5/8" (168.3 mm)		
S14	Brown	7/16"	3" (76.2 mm)	7" (177.8 mm)		
S16	Red	1/2"	3" (76.2 mm)	7" (177.8 mm)		
89904	7 Piece Nut Driver Set 6" Shafts					1.2 lbs. (0.54 kg)
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length		
S66	Black	3/16"	6" (152.4 mm)	9-5/8" (244.5 mm)		
S86	Red	1/4"	6" (152.4 mm)	9-5/8" (244.5 mm)		
S106	Amber	5/16"	6" (152.4 mm)	9-5/8" (244.5 mm)		
S116	Green	11/32"	6" (152.4 mm)	9-5/8" (244.5 mm)		
S126	Blue	3/8"	6" (152.4 mm)	9-5/8" (244.5 mm)		
S146	Brown	7/16"	6" (152.4 mm)	10" (254.0 mm)		
S166	Red	1/2"	6" (152.4 mm)	10" (254.0 mm)		

## Plastic-Handle Nut Drivers

### Magnetic Nut Drivers - Solid Shafts



S106M

#### Additional Features:

- Powerful nut-holding magnet built into solid shaft

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight
S8M	Red	1/4"	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
S10M	Amber	5/16"	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
S86M	Yellow	1/4"	6" (152.4 mm)	9-5/8" (244.5 mm)	2.4 oz. (68 g)
S106M	Amber	5/16"	6" (152.4 mm)	9-5/8" (244.5 mm)	2.4 oz. (68 g)
S126M	Blue	3/8"	6" (152.4 mm)	9-5/8" (244.5 mm)	2.4 oz. (68 g)
S818M	Red	1/4"	18" (457.2 mm)	21-5/8" (549.3 mm)	4.0 oz. (113 g)
S1018M	Amber	5/16"	18" (457.2 mm)	21-5/8" (549.3 mm)	4.0 oz. (113 g)

### 6" Hollow Shaft Nut Drivers



S86

#### Additional Features:

- Reach into deep recesses
- Fits over extra-long bolts and studs

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight
S66	Black	3/16"	6" (152.4 mm)	9-5/8" (244.5 mm)	2.4 oz. (68 g)
S86	Red	1/4"	6" (152.4 mm)	9-5/8" (244.5 mm)	2.4 oz. (68 g)
S106	Amber	5/16"	6" (152.4 mm)	9-5/8" (244.5 mm)	2.4 oz. (68 g)
S116	Green	11/32"	6" (152.4 mm)	9-5/8" (244.5 mm)	2.4 oz. (68 g)
S126	Blue	3/8"	6" (152.4 mm)	9-5/8" (244.5 mm)	2.4 oz. (68 g)
S146	Brown	7/16"	6" (152.4 mm)	10" (254.0 mm)	3.2 oz. (91 g)
S166	Red	1/2"	6" (152.4 mm)	10" (254.0 mm)	3.2 oz. (91 g)

See page 310 for additional information on warnings.



## Plastic-Handle, Hollow-Shaft Nut Drivers

### Hollow-Shaft Nut Drivers

**Additional Features:**

- Standard length works for most applications
- Fits over long bolts and studs
- Cat. Nos. SS8, SS10 and SS12 have smaller shaft length for work in close quarters



S10



SS10

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight
SS8	Red	1/4"	1-1/2" (38.1 mm)	3-3/4" (95.3 mm)	2.4 oz. (68 g)
SS10	Amber	5/16"	1-1/2" (38.1 mm)	3-3/4" (95.3 mm)	2.4 oz. (68 g)
SS12	Blue	3/8"	1-1/2" (38.1 mm)	3-3/4" (95.3 mm)	2.4 oz. (68 g)
S5	Amber	5/32"	3" (76.2 mm)	6-1/2" (165.1 mm)	1.6 oz. (45 g)
S6	Black	3/16"	3" (76.2 mm)	6-5/8" (168.3 mm)	1.6 oz. (45 g)
S7	Brown	7/32"	3" (76.2 mm)	6-5/8" (168.3 mm)	1.6 oz. (45 g)
S8	Red	1/4"	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
S9	Orange	9/32"	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
S10	Amber	5/16"	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
S11	Green	11/32"	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
S12	Blue	3/8"	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
S14	Brown	7/16"	3" (76.2 mm)	7" (177.8 mm)	3.2 oz. (91 g)
S16	Red	1/2"	3" (76.2 mm)	7" (177.8 mm)	3.2 oz. (91 g)
S18	Red	9/16"	4" (101.6 mm)	8-1/2" (215.9 mm)	4.8 oz. (136 g)
S20	Red	5/8"	4" (101.6 mm)	8-1/2" (215.9 mm)	4.8 oz. (136 g)

### Metric Nut Drivers

**Additional Features:**

- Standard length works for most applications
- Fits over long bolts and studs



70209

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight
70204	Black	4 mm	3" (76.2 mm)	6-5/8" (168.3 mm)	1.6 oz. (45 g)
70245	Black	4.5 mm	3" (76.2 mm)	6-5/8" (168.3 mm)	1.6 oz. (45 g)
70205	Black	5 mm	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
70255	Black	5.5 mm	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
70206	Black	6 mm	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
70207	Black	7 mm	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
70208	Black	8 mm	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
70209	Black	9 mm	3" (76.2 mm)	6-5/8" (168.3 mm)	2.4 oz. (68 g)
70210	Black	10 mm	3" (76.2 mm)	7" (177.8 mm)	2.4 oz. (68 g)
70211	Black	11 mm	3" (76.2 mm)	7" (177.8 mm)	3.2 oz. (91 g)

### Super-Long Nut Drivers - 18" (457 mm) Shafts

**Additional Features:**

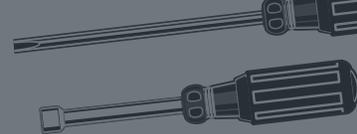
- Ideal for reaching into walls and other hard-to-reach places where added length is necessary
- Available in magnetic and non-magnetic tips



S1018

Cat. No.	Handle Color	Type	Hex Size	Shaft Length	Overall Length	Weight
S818	Red	Nonmagnetic	1/4" (6.35 mm)	18" (457.2 mm)	21-5/8" (549.27 mm)	4.0 oz. (113 g)
S1018	Amber	Nonmagnetic	5/16" (7.93 mm)	18" (457.2 mm)	21-5/8" (549.27 mm)	4.0 oz. (113 g)
S818M	Red	Magnetic	1/4"	18" (457.2 mm)	21-5/8" (549.3 mm)	4.0 oz. (113 g)
S1018M	Amber	Magnetic	5/16"	18" (457.2 mm)	21-5/8" (549.3 mm)	4.0 oz. (113 g)



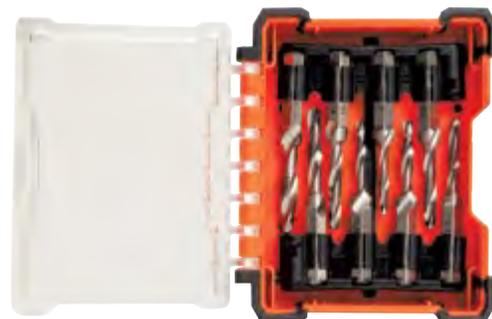


## Tapping Tools and Awls

### Drill Tap Set

- For aluminum, brass, copper, plastic, and mild steel
- 1/4" hex for easier application with quick connect
- Set of six tap sizes plus two extra of the smallest taps
- For use on up to 10 gauge metal
- Made of high speed steel for added durability

**IMPACT RATED!**



32217

Cat. No.	Tap Sizes Included	Weight
32217	6-32 (2), 8-32 (2), 10-24, 10-32, 12-24, 1/4-20	1.5 lbs. (0.68 kg)
Replacement Taps		
32237	6-32 Drill Tap	4.0 oz. (113 g)
32238	8-32 Drill Tap	4.0 oz. (113 g)
32239	10-32 Drill Tap	4.0 oz. (113 g)
32240	10-24 Drill Tap	4.0 oz. (113 g)
32241	12-24 Drill Tap	4.0 oz. (113 g)
32242	1/4-20 Drill Tap	4.0 oz. (113 g)

**NOTE:** Read and follow safety instructions in power tool owner's manual.

### Cushion-Grip Multi-Bit Tap Tool Driver

- Increases job speed by combining taps and drivers in one tool
- Six common tap sizes (6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20)
- Each tap size rethreads to next larger size if threads are stripped



32517



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Nut Driver Sizes	Overall Length	Weight
32517	4" (101.6 mm)	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	1/4", 5/16" and 3/8"	7-3/4" (196.9 mm)	8.0 oz. (227 g)
Replacement Tap						
Cat. No.	Tap Size	For Use With	Package Quantity			
32518	6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	Multi-Bit Tap Tool (32517)	6 Taps			

### Cushion-Grip 6-in-1 Tap Tool

- 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



626

Cat. No.	Tap Size	Overall Length	Weight
626	6-in-1 Tap 6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	7-3/4" (196.9 mm)	4.0 oz. (113 g)
Replacement Tap			
Cat. No.	Tap Sizes	Application	
628-20	10-24, 12-24, 1/4-20	Replacement for 626 and 627-20	
626-32	6-32, 8-32, 10-32	Replacement for 625-32, 626, and 627-20	

See page 310 for additional information on warnings.



## Tapping Tools and Awls

### Cushion-Grip Scratch Awl

- Professional, heavy-duty, hard-pointed 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 and impact reinforcement
- Cat. No. 650DD has plated metal strike cap to protect handle from hammer blows and is engineered, manufactured and tested for prying, chiseling and punching



650DD



Cat. No. 650 only

Cat. No.	Blade Length	Overall Length	Weight
650	3-1/2" (88.9 mm)	7-7/8" (200.0 mm)	4.0 oz. (113 g)
650DD	3-1/2" (88.9 mm)	7-7/8" (200.0 mm)	4.8 oz. (136 g)

### 6-in-1 Tapping Tool

- 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



627-20

Cat. No.	Tap Sizes	Overall Length	Weight
627-20	6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	7-5/8" (193.7 mm)	5.6 oz. (159 g)

#### Replacement Taps

Cat. No.	Tap Sizes	Application
626-32	6-32, 8-32, 10-32	Replacement for 625-32, 626, and 627-20
628-20	10-24, 12-24, 1/4-20	Replacement for 626 and 627-20

### Triple Taps

- 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



625-24

Cat. No.	Tap Sizes	Color Code	Overall Length	Weight
625-24	6-32, 8-32, 10-24	Blue	7-1/8" (181.0 mm)	3.2 oz. (91 g)
625-32	6-32, 8-32, 10-32	Orange	7-1/8" (181.0 mm)	3.2 oz. (91 g)

#### Replacement Taps

Cat. No.	Tap Sizes	Application
626-24	6-32, 8-32, 10-24	For Cat. No. 625-24
626-32	6-32, 8-32, 10-32	Replacement for 625-32, 626, and 627-20

### Steel Scratch Awl

- One-piece forged-steel blade and bolstered shank
- Heat-treated for long life
- Well-balanced for top efficiency during use
- Black finish for rust resistance



66385

Cat. No.	Blade Length	Overall Length	Weight
66385	3-1/2" (88.9 mm)	7" (177.8 mm)	4.8 oz. (136 g)

# Power Tool Accessories and Systems

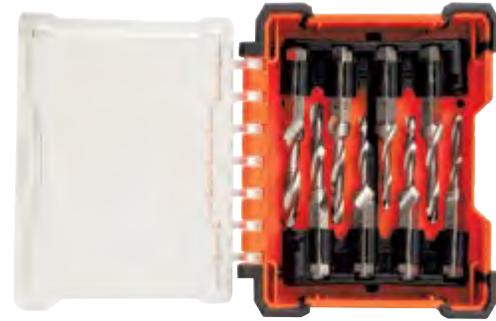
The next generation of Klein tools is now available for use with power tools. Klein offers a line of Multi-Bit Drivers, Hollow-Shaft Nut Drivers, Power Driver Bits and Conduit Reamers available as accessories for power tools. Featuring the same functionality, quality and performance you expect from Klein.



For Professionals...  
Since 1857™

**Drill Tap Set**

- For aluminum, brass, copper, plastic, and mild steel
- 1/4" hex for easier application with quick connect
- Set of six tap sizes plus two extra of the smallest taps
- For use on up to 10 gauge metal
- Made of high speed steel for added durability



32217

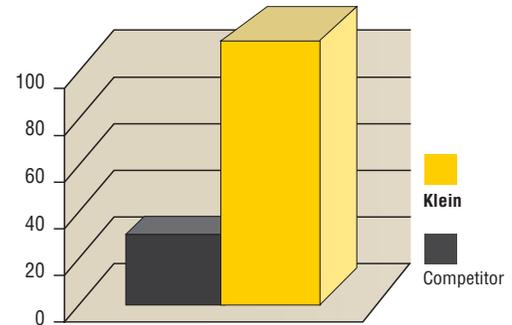
Cat. No.	Tap Sizes Included	Weight
32217	6-32 (2), 8-32 (2), 10-24, 10-32, 12-24, 1/4-20	1.5 lbs. (0.68 kg)
Replacement Taps		
32237	6-32 Drill Tap	4.0 oz. (113 g)
32238	8-32 Drill Tap	4.0 oz. (113 g)
32239	10-32 Drill Tap	4.0 oz. (113 g)
32240	10-24 Drill Tap	4.0 oz. (113 g)
32241	12-24 Drill Tap	4.0 oz. (113 g)
32242	1/4-20 Drill Tap	4.0 oz. (113 g)

**NOTE:** Read and follow safety instructions in power tool owner's manual.

**Power Drivers**

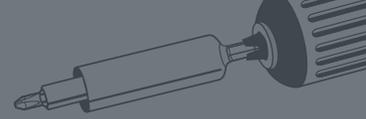
- Klein Power Drivers are manufactured in the U.S.A. to ensure proper fit in every application. Each Power Driver is precision machined, heat treated and finished to the gold standards Klein Tools puts into every screwdriver blade. Proprietary processes create the longest life power driver bit in the industry. Tight fitting tips reduce wear and deliver the premium performance you expect from a Klein.
- Precision machined for better fit, more torque and less wear
- Custom heat treated for long life
- Available in a variety of tips

**Klein Lasts Longer Before Cam Out**



Cat. No.	Tip Size	Length	Package Quantity	Weight
PH115	#1 Phillips	1" (25.4 mm)	5	1.6 oz. (45 g)
PH1355	#1 Phillips	3-1/2" (88.9 mm)	5	3.8 oz. (108 g)
PH162	#1 Phillips	6" (152.4 mm)	2	2.9 oz. (82 g)
PH2115	#2 Phillips	1" (25.4 mm)	15	3.2 oz. (91 g)
PH2355	#2 Phillips	3-1/2" (88.9 mm)	5	4.2 oz. (119 g)
PH262	#2 Phillips	6" (152.4 mm)	2	3.0 oz. (85 g)
PH315	#3 Phillips	1" (25.4 mm)	5	1.6 oz. (45 g)
PH3355	#3 Phillips	3-1/2" (88.9 mm)	5	4.2 oz. (119 g)
PH362	#3 Phillips	6" (152.4 mm)	2	2.9 oz. (82 g)
SL31615	3/16" (4.8 mm) Slotted	1" (25.4 mm)	5	1.6 oz. (45 g)
SL316355	3/16" (4.8 mm) Slotted	3-1/2" (88.9 mm)	5	3.8 oz. (108 g)
SL1415	1/4" (6.4 mm) Slotted	1" (25.4 mm)	5	1.6 oz. (45 g)
SL14355	1/4" (6.4 mm) Slotted	3-1/2" (88.9 mm)	5	3.8 oz. (108 g)





## Power Driver Sets

- Precision machined for better fit, more torque and less wear
- Custom heat treated for long life



32235

Cat. No.	Description	Phillips Bits	Slotted Bits	Square Bits	Overall Length	Weight
32234	3-1/2" Power Driver Set, Assorted Bits	#1 and #2	1/4" (6.4 mm)	#1 and #2	3-1/2" (88.9 mm)	3.8 oz. (108 g)
32235	6" Power Driver Set, #1 and #3 Phillips	#1 and #3	—	—	6" (152.4 mm)	3.2 oz. (91 g)



32234

## Power Conduit Reamer

- Designed to fit into power drill chucks and quick release adapters, the power conduit reamer reduces time and wrist fatigue on projects with large quantities of conduit runs

**4x Stronger**  
Bit Retention

- Designed to fit into power drill chucks and 1/4" quick release
- Reams 1/2", 3/4" and 1" conduit in a fraction of the time
- Includes replaceable No. 2 square recess bit for installing conduit fittings
- Includes precision engineered replaceable reaming blade

Precision engineered  
replaceable reaming blade

1/4" hex  
quick connect



85091



Cat. No.	Description	Item	Weight
85091	Power Conduit Reamer	Conduit Reamer Drill Head for 1/2", 3/4", 1"	5.3 oz. (150 g)
<b>Replacement Parts</b>			
19353	Conduit Reamer Replacement Blade Kit	Conduit Reamer Replacement Blade	0.16 oz. (4.5 g)

## Power Nut Drivers

- Available in several sizes, these hollow shaft magnetic nut drivers are designed for long bolts, studs or threaded rod jobs. The magnetic head holds nuts and bolts to aid in hard to reach installations. The 5" and 10" models feature a wrench assist end, designed for high torque loosening found in many jobs.
- 5" (127 mm) and 10" (254 mm) models are sold individually
- Power Nut Driver Set contains 1/4", 5/16" and 3/8" nut drivers (Cat. No. 32759)



Hollow magnetic\* shafts for nut running



PND7165



32759



PND71610

Cat. No.	Hex Size	Hollow Depth	Overall Length
<b>2" (127 mm) Out-of-Chuck</b>			
32759	1/4", 5/16", 3/8"	1-7/8" (47.6 mm)	6-5/16" (160.3 mm)
<b>5" (127 mm) Out-of-Chuck</b>			
PND7165	7/16"	3-11/16" (93.7 mm)	6-5/16" (160.3 mm)
PND125	1/2"	3-23/32" (94.5 mm)	6-19/64" (159.9 mm)
PND9165	9/16"	3-5/8" (92.1 mm)	6+21/64" (160.7 mm)
<b>10" (254 mm) Out-of-Chuck</b>			
PND71610	7/16"	8-13/16" (223.8 mm)	11-5/16" (287.3 mm)
PND1210	1/2"	8-23/32" (221.5 mm)	11-19/64" (286.9 mm)
PND91610	9/16"	8-5/8" (219.1 mm)	11-5/16" (287.3 mm)

\*Rare earth magnet is globally sourced.

See page 310 for additional information on warnings.



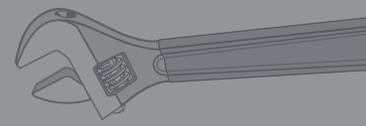
**NOTE:** Read and follow safety instructions in power tool owner's manual.

# Wrenches

Klein's line of wrenches are forged from the finest steel and are designed to deliver great strength and long working life. Regardless of the job type, Klein has a wrench that will help the professional complete the task at hand.



For Professionals...  
Since 1857™



## Adjustable Wrenches

**Precision-machined jaws** are individually chosen and assembled by hand for smooth operation

**Chrome-plated** for corrosion resistance

**Standard and metric scales** for faster adjustment

**Knurl turns smoothly** for easy operation

**Rail is ground** for precision fit

**Contoured handles** for comfortable use

**Minimally protruding jaw shank** for greater capacity in tight spaces

**4-threaded knurl worm gear** for improved balance



### Adjustable Wrenches - High Capacity

**Additional Features:**

- Extra capacity allows use of a smaller size wrench to handle bigger jobs, especially in confined spaces
- Forged heat-treated alloy steel for maximum strength and light weight



D507-8

Cat. No.	Handle Finish	Handle Color	Length	Capacity	Weight
507-6	High-Polish Chrome	Chrome	6-3/8" (161.9 mm)	15/16" (23.8 mm)	4.6 oz. (130 g)
507-8	High-Polish Chrome	Chrome	8-1/8" (206.4 mm)	1-1/8" (28.6 mm)	9.8 oz. (278 g)
507-10	High-Polish Chrome	Chrome	10-1/8" (257.2 mm)	1-5/16" (33.3 mm)	15.7 oz. (445 g)
507-12	High-Polish Chrome	Chrome	12-1/4" (311.2 mm)	1-1/2" (38.1 mm)	26.4 oz. (748 g)
D507-6	Plastic-Dipped	Transparent Red	6-1/2" (165.1 mm)	15/16" (23.8 mm)	5.3 oz. (150 g)
D507-8	Plastic-Dipped	Transparent Red	8-1/4" (209.6 mm)	1-1/8" (28.6 mm)	10.6 oz. (301 g)
D507-10	Plastic-Dipped	Transparent Red	10-1/4" (260.4 mm)	1-5/16" (33.3 mm)	17.8 oz. (503 g)
D507-12	Plastic-Dipped	Transparent Red	12-3/8" (314.3 mm)	1-1/2" (38.1 mm)	28.8 oz. (816 g)

### Adjustable Wrench - Extra-Wide Jaw

**Additional Features:**

- Extra wide 1-1/2" jaw provides same capacity as a standard 12" adjustable wrench
- Forged heat-treated alloy steel for maximum strength and light weight



D509-8

Cat. No.	Handle Finish	Handle Color	Length	Capacity	Weight
D509-8	Plastic-Dipped	Solid Blue	8-1/2" (215.9 mm)	1-1/2" (38.1 mm)	12.3 oz. (349 g)

### Adjustable Wrenches - Standard Capacity

**Additional Features:**

- Forged heat-treated alloy steel for maximum strength and light weight



506-15

Cat. No.	Handle Finish	Handle Color	Length	Capacity	Weight
D506-4	Plastic-Dipped	Transparent Red	4-1/2" (114.3 mm)	1/2" (12.7 mm)	2.1 oz. (60 g)
506-15	High-Polish Chrome	Chrome	15-7/8" (403.2 mm)	1-11/16" (42.9 mm)	2.9 lbs. (1.32 kg)
500-18	High-Polish Chrome	Chrome	18-1/4" (463.6 mm)	2-1/16" (52.4 mm)	4.7 lbs. (2.13 kg)
500-24	High-Polish Chrome	Chrome	24" (609.6 mm)	2-1/2" (63.5 mm)	7.8 lbs. (3.54 kg)

See page 310 for additional information on warnings.



# Combination Wrenches

**Corrosion resistant**

**Forged from the highest quality alloy steel**

**Durable chrome-plated finish**

**Open ends are offset at standard 15° angle** for confined working areas

Combination wrenches have the same size opening on each end

**Box ends have 15° angle offset** to provide clearance over obstructions



## 7-Piece Combination Wrench Set - SAE

Cat. No.	Set Contains	Weight
68400		1.2 lbs. (0.54 kg)

Cat. No.	Size	Length	Box End Point
68410	1/4"	5-1/8" (130.2 mm)	12
68411	5/16"	4-3/8" (111.1 mm)	12
68412	3/8"	6-1/8" (155.6 mm)	12
68413	7/16"	6-5/8" (168.3 mm)	12
68414	1/2"	7-1/8" (181.0 mm)	12
68415	9/16"	7-1/2" (190.5 mm)	12
68416	5/8"	8-1/2" (215.9 mm)	12

Includes pouch with marked pockets for each wrench. Individual wrenches sold separately.



68400

## 9-Piece Combination Wrench Set - SAE

Cat. No.	Set Contains	Weight
68402		2.1 lbs. (0.95 kg)

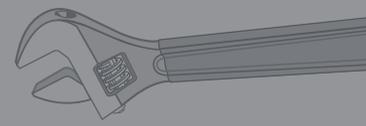
Cat. No.	Size	Length	Box End Point
68410	1/4"	5-1/8" (130.2 mm)	12
68411	5/16"	4-3/8" (111.1 mm)	12
68412	3/8"	6-1/8" (155.6 mm)	12
68413	7/16"	6-5/8" (168.3 mm)	12
68414	1/2"	7-1/8" (181.0 mm)	12
68415	9/16"	7-1/2" (190.5 mm)	12
68416	5/8"	8-1/2" (215.9 mm)	12
68417	11/16"	9" (228.6 mm)	12
68418	3/4"	9-7/8" (250.8 mm)	12

Includes pouch with marked pockets for each wrench. Individual wrenches sold separately.



68402





## Combination Wrenches

### 12-Piece Combination Wrench Set - SAE

Cat. No.	Set Contains	Weight	
68404		4.1 lbs. (1.86 kg)	
Cat. No.	Size	Length	Box End Point
68410	1/4"	5-1/8" (130.2 mm)	12
68411	5/16"	4-3/8" (111.1 mm)	12
68412	3/8"	6-1/8" (155.6 mm)	12
68413	7/16"	6-5/8" (168.3 mm)	12
68414	1/2"	7-1/8" (181.0 mm)	12
68415	9/16"	7-1/2" (190.5 mm)	12
68416	5/8"	8-1/2" (215.9 mm)	12
68417	11/16"	9" (228.6 mm)	12
68418	3/4"	9-7/8" (250.8 mm)	12
68419	13/16"	10-5/8" (269.9 mm)	12
68420	7/8"	11-1/2" (292.1 mm)	12
68421	15/16"	12-1/2" (317.5 mm)	12

Includes pouch with marked pockets for each wrench.  
Individual wrenches sold separately.



68404

### 14-Piece Combination Wrench Set - SAE

Cat. No.	Set Contains	Weight	
68406		9.8 lbs. (4.45 kg)	
Cat. No.	Size	Length	Box End Point
68412	3/8"	6-1/8" (155.6 mm)	12
68413	7/16"	6-5/8" (168.3 mm)	12
68414	1/2"	7-1/8" (181.0 mm)	12
68415	9/16"	7-1/2" (190.5 mm)	12
68416	5/8"	8-1/2" (215.9 mm)	12
68417	11/16"	9" (228.6 mm)	12
68418	3/4"	9-7/8" (250.8 mm)	12
68419	13/16"	10-5/8" (269.9 mm)	12
68420	7/8"	11-1/2" (292.1 mm)	12
68421	15/16"	12-1/2" (317.5 mm)	12
68422	1"	13-1/4" (336.6 mm)	12
68423	1-1/16"	14-1/4" (362.0 mm)	12
68424	1-1/8"	15-1/2" (393.7 mm)	12
68425	1-1/4"	16-1/4" (412.8 mm)	12

Includes pouch with marked pockets for each wrench.  
Individual wrenches sold separately.



68406

### Combination Wrenches - SAE

Cat. No.	Size	Length	Box End Point	Weight
68421	15/16"	12-1/2" (317.5 mm)	12	12.6 oz. (357 g)
68418	3/4"	9-7/8" (250.8 mm)	12	7.4 oz. (210 g)
68412	3/8"	6-1/8" (155.6 mm)	12	1.6 oz. (45 g)
68410	1/4"	5-1/8" (130.2 mm)	12	0.8 oz. (23 g)
68415	9/16"	7-1/2" (190.5 mm)	12	3.7 oz. (107 g)
68420	7/8"	11-1/2" (292.1 mm)	12	10.7 oz. (303 g)
68413	7/16"	6-5/8" (168.3 mm)	12	2.2 oz. (62 g)
68411	5/16"	4-3/8" (111.1 mm)	12	0.8 oz. (23 g)

Cat. No.	Size	Length	Box End Point	Weight
68423	1-1/16"	14-1/4" (362.0 mm)	12	1.2 lbs. (0.54 kg)
68414	1/2"	7-1/8" (181.0 mm)	12	2.9 oz. (82 g)
68422	1"	13-1/4" (336.6 mm)	12	14.9 oz. (422 g)
68417	11/16"	9" (228.6 mm)	12	5.9 oz. (167 g)
68425	1-1/4"	16-1/4" (412.8 mm)	12	1.9 lbs. (0.86 kg)
68419	13/16"	10-5/8" (269.9 mm)	12	8.5 oz. (241 g)
68416	5/8"	8-1/2" (215.9 mm)	12	4.5 oz. (128 g)
68424	1-1/8"	15-1/2" (393.7 mm)	12	1.5 lbs. (0.68 kg)



68417

See page 310 for additional information on warnings.



## Combination Wrenches

### 7-Piece Combination Wrench Set - Metric

Cat. No.	Set Contains	Weight	
68500		1.2 lbs. (0.54 kg)	
Cat. No.	Size	Length	Box End Point
68507	7 mm	5-1/8" (130.2 mm)	12
68509	9 mm	6-1/8" (155.6 mm)	12
68510	10 mm	6-1/2" (165.1 mm)	12
68511	11 mm	6-1/2" (165.1 mm)	12
68513	13 mm	7-1/8" (181.0 mm)	12
68514	14 mm	7-1/2" (190.5 mm)	12
68515	15 mm	7-1/2" (190.5 mm)	12

Includes pouch with marked pockets for each wrench.  
Individual wrenches sold separately.



68500

### 11-Piece Combination Wrench Set - Metric

Cat. No.	Set Contains	Weight	
68502		2.4 lbs. (1.09 kg)	
Cat. No.	Size	Length	Box End Point
68507	7 mm	5-1/8" (130.2 mm)	12
68508	8 mm	5-3/8" (136.5 mm)	12
68509	9 mm	6-1/8" (155.6 mm)	12
68510	10 mm	6-1/2" (165.1 mm)	12
68511	11 mm	6-1/2" (165.1 mm)	12
68512	12 mm	7-1/8" (181.0 mm)	12
68513	13 mm	7-1/8" (181.0 mm)	12
68514	14 mm	7-1/2" (190.5 mm)	12
68515	15 mm	7-1/2" (190.5 mm)	12
68517	17 mm	9" (228.6 mm)	12
68519	19 mm	9-3/4" (247.7 mm)	12

Includes pouch with marked pockets for each wrench.  
Individual wrenches sold separately.



68502

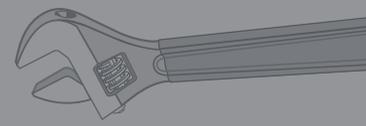
### Combination Wrenches - Metric

Cat. No.	Size	Length	Box End Point	Weight
68507	7 mm	5-1/8" (130.2 mm)	12	0.8 oz. (23 g)
68508	8 mm	5-3/8" (136.5 mm)	12	1.3 oz. (37 g)
68509	9 mm	6-1/8" (155.6 mm)	12	1.6 oz. (45 g)
68510	10 mm	6-1/2" (165.1 mm)	12	2.1 oz. (60 g)
68511	11 mm	6-1/2" (165.1 mm)	12	2.1 oz. (60 g)
68512	12 mm	7-1/8" (181.0 mm)	12	2.9 oz. (82 g)
68513	13 mm	7-1/8" (181.0 mm)	12	2.6 oz. (74 g)
68514	14 mm	7-1/2" (190.5 mm)	12	3.5 oz. (99 g)
68515	15 mm	7-1/2" (190.5 mm)	12	3.5 oz. (99 g)
68517	17 mm	9" (228.6 mm)	12	6.2 oz. (176 g)
68519	19 mm	9-3/4" (247.7 mm)	12	6.7 oz. (190 g)



68512





## Open-End Wrenches

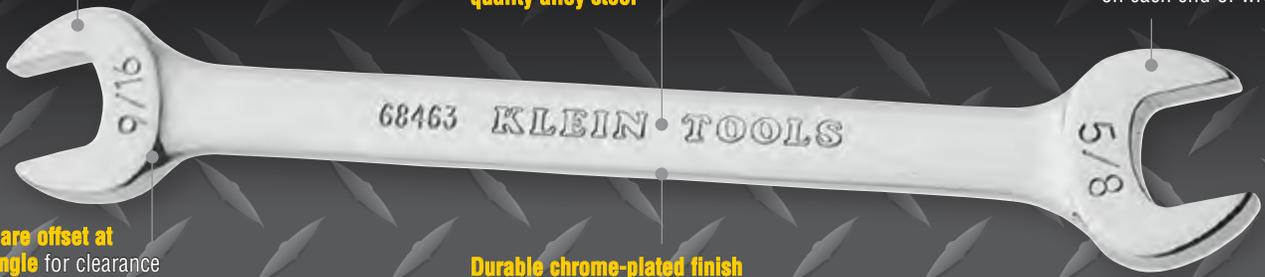
Corrosion resistant

Forged from the highest quality alloy steel

Different size opening on each end of wrench

Ends are offset at 15° angle for clearance over obstructions

Durable chrome-plated finish



### 5-Piece Open-End Wrench Set - SAE

Cat. No.	Set Contains	Weight	
68450		1.1 lbs. (0.50 kg)	
Cat. No.	Small Size	Large Size	Length
68460	1/4"	5/16"	4-3/4" (120.7 mm)
68461	3/8"	7/16"	6" (152.4 mm)
68462	1/2"	9/16"	7" (177.8 mm)
68463	9/16"	5/8"	7-1/2" (190.5 mm)
68464	11/16"	3/4"	9" (228.6 mm)

Includes pouch with marked pockets for each wrench.  
Individual wrenches sold separately.



68450

### 7-Piece Open-End Wrench Set - SAE

Cat. No.	Set Contains	Weight	
68452		2.5 lbs. (1.13 kg)	
Cat. No.	Small Size	Large Size	Length
68460	1/4"	5/16"	4-3/4" (120.7 mm)
68461	3/8"	7/16"	6" (152.4 mm)
68462	1/2"	9/16"	7" (177.8 mm)
68463	9/16"	5/8"	7-1/2" (190.5 mm)
68464	11/16"	3/4"	9" (228.6 mm)
68465	13/16"	7/8"	10" (254.0 mm)
68466	15/16"	1"	11" (279.4 mm)

Includes pouch with marked pockets for each wrench.  
Individual wrenches sold separately.



68452

### Open-End Wrenches - SAE

Cat. No.	Small Size	Large Size	Length	Weight
68460	1/4"	5/16"	4-3/4" (120.7 mm)	0.6 oz. (17 g)
68461	3/8"	7/16"	6" (152.4 mm)	1.6 oz. (45 g)
68462	1/2"	9/16"	7" (177.8 mm)	2.7 oz. (77 g)
68463	9/16"	5/8"	7-1/2" (190.5 mm)	3.2 oz. (91 g)
68464	11/16"	3/4"	9" (228.6 mm)	5.8 oz. (164 g)
68465	13/16"	7/8"	10" (254.0 mm)	8.8 oz. (249 g)
68466	15/16"	1"	11" (279.4 mm)	12.8 oz. (363 g)



68463



**Socket Wrench Sets**

**8-Piece 1/2" Drive Deep-Socket Set**



65514

**Set consists of the following pieces:**

- Eight 12-point deep sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", and 15/16"
- Hinged metal box

Cat. No.	Description	Weight
65514	1/2" Drive Deep Socket Wrench Set, 8 Pc	4.5 lbs. (2.04 kg)

**12-Piece 1/2-Inch Drive Socket Wrench Set**



65510

**Set consists of the following pieces:**

- Nine 12-point sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", and 15/16"
- One extension: 5" long
- One spark plug socket: 5/8"
- One ratchet
- Hinged metal box

Cat. No.	Description	Weight
65510	1/2" Drive Socket Wrench Set, 12 Pc	5.4 lbs. (2.45 kg)

**16-Piece 1/2" Drive Socket Wrench Set**



65512

**Set consists of the following pieces:**

- Thirteen 12-point 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", and 1-1/4"
- One extension: 5" long
- One flex handle: 17" long
- One ratchet
- Hinged metal box

Cat. No.	Description	Weight
65512	1/2" Drive Socket Wrench Set, 16 Pc	9.6 lbs. (4.35 kg)

**13-Piece 3/8-Inch Drive Socket Set - Metric**



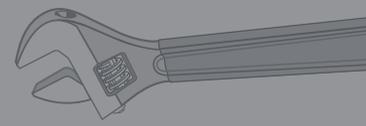
65506

**Set consists of the following pieces:**

- Thirteen 6-point sockets: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19 mm
- Handy, flip-lock tray

Cat. No.	Description	Weight
65506	3/8" Drive Socket Set, Metric, 13 Pc	1.3 lbs. (0.59 kg)





## Socket Wrench Sets

### 8-Piece 3/8" Drive Deep-Socket Set



65502

**Set consists of the following pieces:**

- Eight 6-point deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", and 13/16"
- Hinged metal box

Cat. No.	Description	Weight
65502	3/8" Drive Deep Socket Wrench Set, 8 Pc	2.7 lbs. (1.22 kg)

### 20-Piece 3/8" Drive Socket Wrench Set



65508

**Set consists of the following pieces:**

- Four 6-point sockets: 3/8", 7/16", 1/2", and 9/16"
- Five 12-point sockets: 5/8", 11/16", 3/4", 13/16", and 7/8"
- Eight 6-point deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", and 13/16"
- Two extensions: 1-3/4" and 3" long
- One ratchet
- Hinged metal box

Cat. No.	Description	Weight
65508	3/8" Drive Socket Wrench Set, 20 Pc	5.4 lbs. (2.45 kg)

### 12-Piece 3/8" Drive Socket Wrench Set



65504

**Set consists of the following pieces:**

- Four 6-point sockets: 3/8", 7/16", 1/2", and 9/16"
- Four 12-point sockets: 5/8", 11/16", 3/4", and 13/16"
- One spark plug socket: 5/8"
- Two extensions: 1-3/4" and 6" long
- One ratchet
- Hinged metal box

Cat. No.	Description	Weight
65504	3/8" Drive Socket Wrench Set, 12 Pc	3.6 lbs. (1.63 kg)

### 13-Piece 1/4" Drive Socket Wrench Set



65500

**Set consists of the following pieces:**

- Nine 6-point sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", and 1/2"
- One spinner handle
- Two extensions: 2" and 6" long
- One ratchet
- Hinged metal box

Cat. No.	Description	Weight
65500	1/4" Drive Socket Wrench Set, 13 Pc	2.1 lbs. (0.95 kg)

See page 310 for additional information on warnings.



## Socket Wrenches

### 1/4-Inch Drivers and Extensions



Cat. No.	Description	Weight
65620	4-3/4" Ratchet	5.1 oz. (145 g)
65621	Spinner Handle	3.0 oz. (86 g)
65622	2" Extension	0.8 oz. (23 g)
65623	6" Extension	2.2 oz. (64 g)

### 3/8" Drivers and Extensions



Cat. No.	Description	Weight
65720	7-1/2" Ratchet	11.7 oz. (331 g)
65721	1-1/2" Extension	1.4 oz. (41 g)
65722	3" Extension	2.4 oz. (68 g)
65723	6" Extension 3/8" Socket Size	4.8 oz. (136 g)
65724	5/8" Spark Plug Socket 3/8" Drive	3.4 oz. (96 g)

### 1/2" Drivers and Extensions



Cat. No.	Description	Weight
65820	10-1/2" Ratchet	1.3 lbs. (0.59 kg)
65821	5" Extension	7.2 oz. (204 g)
65823	5/8" Spark Plug Socket 1/2" Drive	2.9 oz. (82 g)

### 1/4" Drive Sockets



65604

Cat. No.	Size	Weight
<b>Standard — 6-Point</b>		
65600	3/16"	0.3 oz. (8.5 g)
65601	7/32"	0.3 oz. (8.5 g)
65602	1/4"	0.3 oz. (8.5 g)
65603	9/32"	0.3 oz. (8.5 g)
65604	5/16"	0.3 oz. (8.5 g)
65605	11/32"	0.5 oz. (14 g)
65606	3/8"	0.6 oz. (17 g)
65607	7/16"	0.6 oz. (17 g)
65608	1/2"	0.8 oz. (23 g)

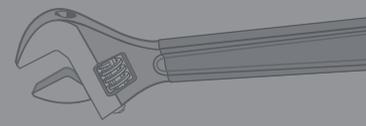
### 3/8" Drive Sockets



65702

Cat. No.	Size	Weight
<b>Standard — 6-Point</b>		
65700	3/8"	0.8 oz. (23 g)
65701	7/16"	0.8 oz. (23 g)
65702	1/2"	1 oz. (27 g)
65703	9/16"	1 oz. (27 g)
<b>Standard Deep — 6-Point</b>		
65710	3/8"	1.4 oz. (41 g)
65711	7/16"	1.6 oz. (45 g)
65712	1/2"	2.1 oz. (59 g)
65713	9/16"	2.4 oz. (68 g)
65714	5/8"	3.5 oz. (99 g)
65715	11/16"	4.3 oz. (122 g)
65716	3/4"	4.5 oz. (128 g)
65717	13/16"	5.4 oz. (153 g)
<b>Standard — 12-Point</b>		
65704	5/8"	1.3 oz. (37 g)
65705	11/16"	1.8 oz. (50 g)
65706	3/4"	1.9 oz. (54 g)
65707	13/16"	2.4 oz. (68 g)
65708	7/8"	3.0 oz. (86 g)
<b>Metric — 6-Point</b>		
65907	7 mm	0.6 oz. (17 g)
65908	8 mm	0.6 oz. (17 g)
65909	9 mm	0.8 oz. (23 g)
65910	10 mm	0.8 oz. (23 g)
65911	11 mm	0.8 oz. (23 g)
65912	12 mm	1.0 oz. (27 g)
65913	13 mm	1.1 oz. (31 g)
65914	14 mm	1.3 oz. (37 g)
65915	15 mm	1.6 oz. (45 g)
65916	16 mm	1.4 oz. (41 g)
65917	17 mm	1.6 oz. (45 g)
65918	18 mm	1.8 oz. (50 g)
65919	19 mm	2.2 oz. (64 g)





## Socket Wrench Sets

### 1/2" Drive Sockets

Cat. No.	Size	Weight
<b>Standard — 12-Point</b>		
65800	7/16"	1.9 oz. (54 g)
65801	1/2"	1.9 oz. (54 g)
65802	9/16"	1.9 oz. (54 g)
65803	5/8"	1.9 oz. (54 g)
65804	11/16"	2.4 oz. (68 g)
65805	3/4"	3.2 oz. (91 g)
65806	13/16"	3.2 oz. (91 g)
65807	7/8"	3.2 oz. (91 g)
65808	15/16"	4.0 oz. (113 g)
65809	1"	4.8 oz. (136 g)
65810	1-1/16"	5.6 oz. (159 g)
65811	1-1/8"	6.4 oz. (181 g)
65812	1-1/4"	8.0 oz. (227 g)



65800



65829

Cat. No.	Size	Weight
<b>Standard Deep — 12-Point</b>		
65825	1/2"	4.8 oz. (136 g)
65826	9/16"	5.0 oz. (142 g)
65827	5/8"	3.8 oz. (108 g)
65828	11/16"	5.1 oz. (145 g)
65829	3/4"	5.8 oz. (164 g)
65830	13/16"	6.6 oz. (187 g)
65831	7/8"	6.6 oz. (187 g)
65832	15/16"	8.8 oz. (249 g)

## Ratcheting Box Wrenches

For use in confined spaces and on long studs

Different size opening on each end



Reverse ratcheting action by simply turning wrench over

### 7-Piece Ratcheting Box Wrench Set

**Additional Features:**

- Ratcheting box wrenches in vinyl roll-up pouch
- Wrenches flip over to reverse ratchet

Cat. No.	Set Contains	Weight	
68222		2.7 lbs. (1.22 kg)	
Cat. No.	Point	Size	Length
68200	12	1/4" x 5/16"	4-3/8" (111.1 mm)
68201	12	3/8" x 7/16"	5-1/2" (139.7 mm)
68202	12	1/2" x 9/16"	6-7/8" (174.6 mm)
68203	12	5/8" x 11/16"	8-1/4" (209.6 mm)
68204	12	5/8" x 3/4"	8-1/4" (209.6 mm)
68205	12	11/16" x 3/4"	9-1/4" (235.0 mm)
68206	12	13/16" x 7/8"	9-1/4" (235.0 mm)



68222

See page 310 for additional information on warnings.



## Ratcheting Box Wrenches

### 5-Piece Ratcheting Box Wrench Set

**Additional Features:**

- Ratcheting box wrenches in vinyl roll-up pouch
- Wrenches flip over to reverse ratchet



68221

Cat. No.	Set Contains	Weight
68221		1.5 lbs. (0.68 kg)

Cat. No.	Point	Size	Length
68200	12	1/4" x 5/16"	4-3/8" (111.1 mm)
68201	12	3/8" x 7/16"	5-1/2" (139.7 mm)
68202	12	1/2" x 9/16"	6-7/8" (174.6 mm)
68203	12	5/8" x 11/16"	8-1/4" (209.6 mm)
68204	12	5/8" x 3/4"	8-1/4" (209.6 mm)

### Ratcheting Box Wrenches

Cat. No.	Point	Size	Length	Weight
68200	12	1/4" x 5/16"	4-3/8" (111.1 mm)	2.1 oz. (60 g)
68201	12	3/8" x 7/16"	5-1/2" (139.7 mm)	2.9 oz. (82 g)
68202	12	1/2" x 9/16"	6-7/8" (174.6 mm)	4.6 oz. (130 g)
68203	12	5/8" x 11/16"	8-1/4" (209.6 mm)	6.9 oz. (196 g)
68204	12	5/8" x 3/4"	8-1/4" (209.6 mm)	6.7 oz. (190 g)
68205	12	11/16" x 3/4"	9-1/4" (235.0 mm)	8.3 oz. (235 g)
68206	12	13/16" x 7/8"	9-1/4" (235.0 mm)	11.0 oz. (312 g)



68201

## Ratcheting Offset Box Wrenches

### 5-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Set of offset reversible ratchet box wrenches in vinyl roll-up pouch

Cat. No.	Set Contains	Weight
68245		1.6 lbs. (0.73 kg)

Cat. No.	Point	Size	Length
68234	6	1/4" x 5/16"	4-3/8" (111.1 mm)
68236	6	3/8" x 7/16"	5-1/2" (139.7 mm)
68238	6	1/2" x 9/16"	6-3/4" (171.5 mm)
68240	12	5/8" x 11/16"	8-1/8" (206.4 mm)
68242	12	3/4" x 7/8"	9-1/8" (231.8 mm)



68245

### 3-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Set of offset reversible ratchet box wrenches in vinyl roll-up pouch

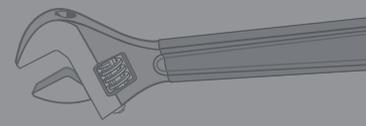
Cat. No.	Set Contains	Weight
68244		9.8 oz. (278 g)

Cat. No.	Point	Size	Length
68234	6	1/4" x 5/16"	4-3/8" (111.1 mm)
68236	6	3/8" x 7/16"	5-1/2" (139.7 mm)
68238	6	1/2" x 9/16"	6-3/4" (171.5 mm)



68244





## Ratcheting Offset Box Wrenches

### Fully Reversible Ratcheting Offset Box Wrenches

- Both ends are offset 25° for more convenient use in confined spaces
- Quick-flip reversing lever for instant ratchet reversal
- Laminated construction for greater strength
- Chrome-plated for rust resistance
- Different size openings at each end



68236

Cat. No.	Point	Size	Length	Weight
68238	6	1/2" x 9/16"	6-3/4" (171.5 mm)	4.8 oz. (136 g)
68236	6	3/8" x 7/16"	5-1/2" (139.7 mm)	2.9 oz. (82 g)
68242	12	3/4" x 7/8"	9-1/8" (231.8 mm)	8.0 oz. (227 g)
68240	12	5/8" x 11/16"	8-1/8" (206.4 mm)	7.4 oz. (210 g)
68234	6	1/4" x 5/16"	4-3/8" (111.1 mm)	2.1 oz. (60 g)

### Ratcheting Refrigeration Wrenches

- Fully reversible for refrigeration-packing gland nuts, valve stem sockets and beam-clamp installation
- Compact in size, with clearly marked sockets for four nut sizes
- Quick-flip reversing lever permits instant ratchet reversal
- Ruggedly built with polished chrome finish for smooth edges for comfort



68310

Cat. No.	Socket Size	Length	Weight
68309	3/16" and 1/4" Sq. x 1/2" and 9/16" Hex		6.9 oz. (196 g)
68310	3/16" and 5/16" Sq. x 1/4" and 3/8" Sq.		3.2 oz. (91 g)

## Specialty Wrenches

### Can Wrench

- Two tools in one saves space in your pouch
- One end opens telephone box fasteners, the other end tightens nuts on binding-post terminals
- The 7/16" socket has a black finish and the 3/8" socket has a silver finish
- Sockets are 1-1/4" (32 mm) deep to fit over long binding posts and are thin-walled for easy access into tight areas
- Socket ends are color-coded for quick identification of socket sizes
- Hex-socket design enables using a wrench to obtain extra torque
- High-impact, break-resistant handle for long and dependable service
- Sockets are heat-treated, alloy steel



68005



Cat. No.	Size	Length	Handle Diameter	Weight
68005	3/8" and 7/16" Hex Nut	7" (177.8 mm)	1" (25.4 mm)	5.6 oz. (159 g)

### Lineman's Wrenches

- Forged from special bar steel and heat-treated for long life
- Each end has two different size openings
- Hole is provided at larger end for turning-in standard pole steps
- Wrench is suited for use on heavy three-bolt guy clamps on which clearance is limited
- Small end is painted silver on Cat. No. 3146A
- Cat. No. 3146B features end openings sized to NEMA hardware specifications



3146



3146B

Cat. No.	Application	Large End Opening	Small End Opening	Color	Length	Weight
3146	5/8" (15.9 mm) Hardware	29/32" and 1-3/32"	5/8" and 13/16"	Dark Blue	13" (330.2 mm)	1.9 lbs. (0.86 kg)
3146A	3/4" (19.1 mm) Hardware	1-1/16" and 1-5/16"	5/8" and 7/8"	Dark Blue	13" (330.2 mm)	1.7 lbs. (0.77 kg)
3146B	Bell System Type	1-1/16" and 1-3/16"	11/16" and 7/8"	Silver	13" (330.2 mm)	1.8 lbs. (0.82 kg)

See page 310 for additional information on warnings.



## Specialty Wrenches

### Lineman's Ratcheting Wrenches

- Bolt-through design allows bolts to pass through the socket
- KT152T features side ridges that provide a better grip and includes 13/16" square socket size
- 3/4" and 1" x 1-1/8" combination square socket sizes for most common utility hardware
- Bright yellow socket for easy visibility
- Works on most common utility pole hardware, such as lag bolts, "C" clamps and suspension bolts
- KT155T and KT155HD also offer two popular 12-point wrench sizes: 9/16" and 3/4"



Cat. No.	Description	Length	Weight
KT151T	Lineman's Ratcheting Wrench	13" (330.2 mm)	2.1 lbs. (0.95 kg)
KT152T	Lineman's Slim Ratcheting Wrench	13-1/4" (336.6 mm)	2.1 lbs. (0.95 kg)
KT155HD	5-in-1 Lineman's Wrench, Heavy Duty	12" (304.8 mm)	2.1 lbs. (0.95 kg)
KT155T	5-in-1 Lineman's Wrench	9-3/8" (238.1 mm)	1.4 lbs. (0.64 kg)

### Lineman's Box Wrenches

- Chrome plated finish resists corrosion
- 1/2", 9/16", 5/8" and 3/4" sizes in one tool; 12-point sockets
- Reverse ratcheting action by reversing switches on each end of the wrench
- "See-through" insulating handle confirms metal ends are not connected (Cat. No. KT223X4-INS)
- Textured grooves in handle prevent slipping (Cat. No. KT223X4-INS)
- Solid, one piece design (Cat. No. KT223X4) NOT INSULATED



Cat. No.	Description	Size	Length	Weight
KT223X4	Lineman's Ratcheting 4-in-1 Box Wrench	1/2", 9/16" 5/8", 3/4"	9" (228.6 mm)	11.2 oz. (318 g)
KT223X4-INS	Lineman's Insulating 4-in-1 Box Wrench	1/2", 9/16", 5/8", 3/4"	9" (228.6 mm)	11.2 oz. (318 g)
KT223-INS	Lineman's Insulating Box Wrench	9/16", 3/4"	8-1/4" (209.6 mm)	10.00 lbs. (4.54 kg)

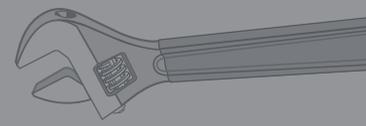
### Impact Socket Wrenches and Adapters

- Features three square socket sizes: 3/4", 1", and 1-1/8"
- Fine-tuned ball detent provides improved retention, minimizing drops
- Long hollow shaft allows use on long threaded bolts
- 7/16" hex quick-change adapter included
- Adapters extend or retract head for easy access to the size you need
- Do not exceed 200 ft./lbs. of torque



Cat. No.	Description	Size	Length	Weight
NRHD	3-in-1 Impact Socket Wrench	3/4", 1", 1-1/8"	7-3/4" (196.9 mm)	2.0 lbs. (0.91 kg)
NRHD3	Single Ended Impact Socket Wrench	to 1-1/8" (28.6 mm) Square	10" (254.0 mm)	2.1 lbs. (0.95 kg)
NRHDA	Impact Socket Adapter for NRHD	7/16"	4-29/32" (124.6 mm)	5.8 oz. (164 g)
NRHDA3	Impact Socket Adapter for NRHD3	1/2"	2-15/32" (62.7 mm)	2.9 oz. (82 g)





## Construction Wrenches

### Adjustable-Head Construction Wrenches

- Eliminates the need for carrying several fixed-size wrenches
- Forged from select alloy steel with continuous taper handle for aligning bolt and/or rivet holes
- Industrial black finish for corrosion resistance
- Includes lanyard hole for easy tool tethering



Cat. No.	Max. Size Capacity	Overall Length	Weight
3227	1-5/16" (33.3 mm)	11" (279.4 mm)	1.2 lbs. (0.54 kg)
3239	1-1/2" (38.1 mm)	16" (406.4 mm)	2.4 lbs. (1.09 kg)

### 1/2"-Drive Ratcheting Construction Wrench

- Accepts 1/2" (12.7 mm) 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 and/or rivet holes
- Industrial black finish for corrosion resistance



Cat. No.	Overall Length	Weight
3238	15" (381.0 mm)	2.1 lbs. (0.95 kg)

### 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-hole sizes without binding
- Extra-large hub area works on larger diameter holes better than other wrenches
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification
- American Bridge design
- Cat. Nos. 3212TT, 3213TT, and 3214TT feature tether hole for working at height



Cat. No.	Nut Type	Bolt Size	Nominal Opening	Head Width	Taper Diameter	Overall Length	Weight
3210	U.S. Heavy	1/2" (12.7 mm)	7/8" (22.2 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.4 lbs. (0.64 kg)
3211	U.S. Heavy	5/8" (15.9 mm)	1-1/16" (27.0 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.3 lbs. (0.59 kg)
3212	U.S. Heavy	3/4" (19.1 mm)	1-1/4" (31.8 mm)	2-1/2" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	16-5/8" (422.3 mm)	2.0 lbs. (0.91 kg)
3213	U.S. Heavy	7/8" (22.2 mm)	1-7/16" (36.5 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	17-3/8" (441.3 mm)	2.7 lbs. (1.22 kg)
3214	U.S. Heavy	1" (25.4 mm)	1-5/8" (41.3 mm)	3-5/8" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	18" (457.2 mm)	3.4 lbs. (1.54 kg)
3219	U.S. Regular	1/2" (12.7 mm)	3/4" (19.1 mm)	2-1/4" (57.2 mm)	7/8" x 1/2" (22.2 to 12.7 mm)	14-3/4" (374.7 mm)	1.4 lbs. (0.64 kg)
3220	U.S. Regular	1/2" (12.7 mm)	13/16" (20.6 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.4 lbs. (0.64 kg)
3221	U.S. Regular	5/8" (15.9 mm)	1" (25.4 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.3 lbs. (0.59 kg)
3222	U.S. Regular	3/4" (19.1 mm)	1-1/8" (28.6 mm)	2-1/2" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	16-5/8" (422.3 mm)	2.0 lbs. (0.91 kg)
3223	U.S. Regular	7/8" (22.2 mm)	1-5/16" (33.3 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	17-3/8" (441.3 mm)	2.9 lbs. (1.32 kg)
3224	U.S. Regular	1" (25.4 mm)	1-1/2" (38.1 mm)	3-5/8" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	18" (457.2 mm)	3.4 lbs. (1.54 kg)
3231	Utility	5/8" (15.9 mm)	15/16" (23.8 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.3 lbs. (0.59 kg)
3232	Utility	3/4" (19.1 mm)	1-1/16" (27.0 mm)	2-1/2" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	16-5/8" (422.3 mm)	2.0 lbs. (0.91 kg)

Erection Wrenches with Tether Hole							
3212TT	<b>NEW!</b> U.S. Heavy	3/4" (19.1 mm)	1-1/4" (31.8 mm)	2-1/2" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	16-5/8" (422.3 mm)	2.0 lbs. (0.91 kg)
3213TT	<b>NEW!</b> U.S. Heavy	7/8" (22.2 mm)	1-7/16" (36.5 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	17-3/8" (441.3 mm)	2.7 lbs. (1.22 kg)
3214TT	<b>NEW!</b> U.S. Heavy	1" (25.4 mm)	1-5/8" (41.3 mm)	3-5/8" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	18" (457.2 mm)	3.4 lbs. (1.54 kg)

See page 310 for additional information on warnings.



## Strap Wrenches

### Grip-It® Strap Wrenches

- Completely adjustable strap wrench
- Works in the tightest quarters
- Urethane-covered, high-strength belting attached to lightweight, I-beam handle
- Cam-action design permits uniform, high-torque application
- Under normal conditions, will not scratch, damage or deform polished pipe and fittings, plastic pipe and fittings, oil and water filters, glass pipe, PVC conduit, or polished shafts
- Also works on alternator belts, flywheels, and propeller assemblies



S12H

Cat. No.	Handle Length	Diameter Capacity O.D.	Weight
S-6H	6" (152.4 mm)	1-1/2" to 5" (38.1 mm to 127.0 mm)	3.2 oz. (91 g)
S-12H	12" (304.8 mm)	1-1/2" to 5" (38.1 mm to 127.0 mm)	12.0 oz. (340 g)
S-18H	18" (457.2 mm)	1-1/8" to 8" (28.6 to 203.2 mm)	2.8 lbs. (1.27 kg)

## Torque Wrenches

### Micro-Adjustable Torque-Sensing Wrenches with Square-Drive Ratchet Head

- Micro-adjustable for increased accuracy
- Easy to read and adjust with quick release lever
- Stainless steel handle provides improved, more comfortable grip
- N.I.S.T. traceable calibration certificate meeting the ASME standard of ±4%



57005

Cat. No.	Drive Size	Range	Length	Weight
57000	3/8" (9.5 mm)	10 - 100 ft. lb. (13.6 - 135.6 Nm)	14-1/8" (358.8 mm)	2.0 lbs. (0.91 kg)
57005	3/8" (9.5 mm)	30 - 250 in. lb. (40.7 - 338.9 Nm)	10-5/8" (269.9 mm)	1.2 lbs. (0.54 kg)
57010	1/2" (12.7 mm)	30 - 250 ft. lb. (40.7 - 338.9 Nm)	24-1/4" (616.0 mm)	3.7 lbs. (1.68 kg)

### Master Electrician's Torque Tool Kit

- Two micrometer-adjustable torque wrenches
- Nine hex-wrench bits
- Two 7/16" hex-wrench extensions
- One 7/16" female hex-wrench adapter coupler
- One hex-to-square adapter for wrenches and one adapter for screwdrivers
- One adjustable torque screwdriver
- Seven screwdriver bits; five slotted, two Phillips
- Hinged metal box
- Additional torque screwdrivers available in screwdriver section

Cat. No.	Description	Weight
57060	Master Electrician's Torque Kit 25 Pc	9.6 lbs. (4.35 kg)



57060

# Hex-Key Wrenches

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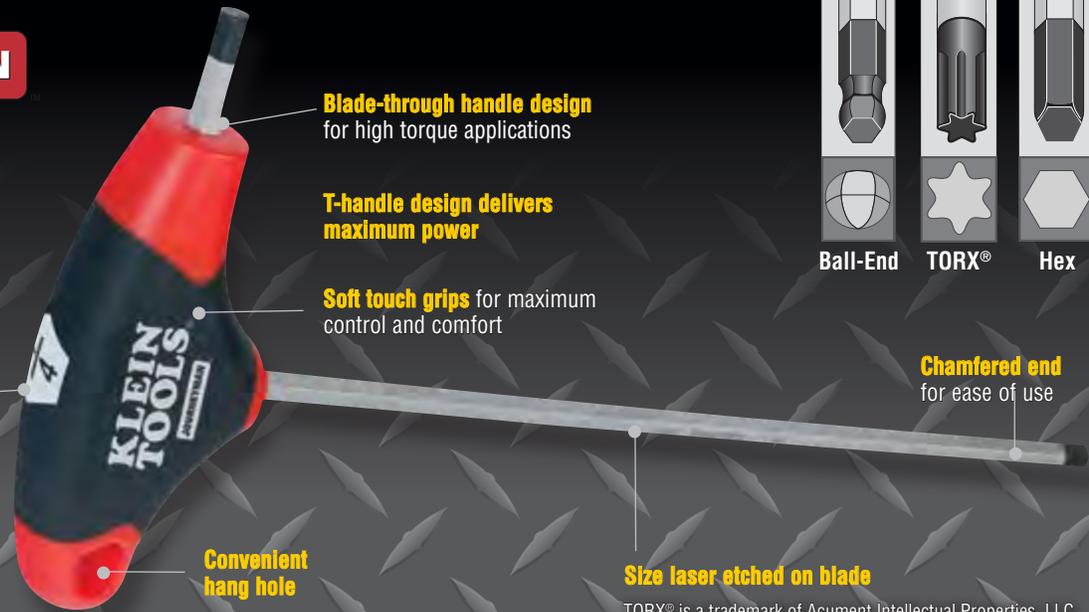
Klein hex-keys are the tools professionals cannot afford to be without. Heat-treated and tempered for superior strength and durability, Klein hex-keys are designed for a precise fit in sockets, preventing slippage and stripping of the socket.



For Professionals...  
Since 1857™

**JOURNEYMAN**

**T-Handle Hex-Keys**



TORX® is a trademark of Acument Intellectual Properties, LLC.

**T-Handle Ball-End Hex-Keys - SAE**

**Additional Features:**

- Short blade-through handle provides maximum tool versatility



JTH6E13BE

Cat. No.	Hex Size	Blade Length	Weight
JTH6E06BE	3/32"	6" (152.4 mm)	0.6 oz. (17 g)
JTH6E07BE	7/64"	6" (152.4 mm)	0.8 oz. (23 g)
JTH6E08BE	1/8"	6" (152.4 mm)	1 oz. (27 g)
JTH6E09BE	9/64"	6" (152.4 mm)	1.1 oz. (31 g)
JTH6E10BE	5/32"	6" (152.4 mm)	1.9 oz. (54 g)
JTH6E11BE	3/16"	6" (152.4 mm)	2.2 oz. (64 g)

Cat. No.	Hex Size	Blade Length	Weight
JTH6E12BE	7/32"	6" (152.4 mm)	2.7 oz. (77 g)
JTH6E13BE	1/4"	6" (152.4 mm)	4.3 oz. (122 g)
JTH6E14BE	5/16"	6" (152.4 mm)	5.6 oz. (159 g)
JTH6E15BE	3/8"	6" (152.4 mm)	7.2 oz. (204 g)
JTH6E17BE	1/2"	6" (152.4 mm)	11.2 oz. (318 g)

**T-Handle Ball-End Hex-Key Set with Stand - SAE**

**Additional Features:**

- Metal stand for convenient hanging, storage on bench or wall
- Short blade-through handle provides maximum tool versatility

Cat. No.	Set Contains	Weight
JTH610EB		3.0 lbs. (1.36 kg)

Cat. No.	Hex Size	Blade Length
JTH6E06BE	3/32"	6" (152.4 mm)
JTH6E07BE	7/64"	6" (152.4 mm)
JTH6E08BE	1/8"	6" (152.4 mm)
JTH6E09BE	9/64"	6" (152.4 mm)
JTH6E10BE	5/32"	6" (152.4 mm)
JTH6E11BE	3/16"	6" (152.4 mm)
JTH6E12BE	7/32"	6" (152.4 mm)
JTH6E13BE	1/4"	6" (152.4 mm)
JTH6E14BE	5/16"	6" (152.4 mm)
JTH6E15BE	3/8"	6" (152.4 mm)



JTH610EB





**JOURNEYMAN**

## T-Handle Hex-Keys

### T-Handle Hex-Keys - SAE



**Additional Features:**

- Short blade-through handle provides maximum tool versatility



JTH6E15

Cat. No.	Hex Size	Blade Length	Weight
<b>4" Length</b>			
JTH4E06	3/32"	4" (101.6 mm)	0.04 oz. (1.1 g)
JTH4E07	7/64"	4" (101.6 mm)	0.05 oz. (1 g)
JTH4E08	1/8"	4" (101.6 mm)	0.05 oz. (1 g)
JTH4E09	9/64"	4" (101.6 mm)	0.06 oz. (1.7 g)
JTH4E10	5/32"	4" (101.6 mm)	0.11 oz. (3. g)
JTH4E11	3/16"	4" (101.6 mm)	0.13 oz. (3.7 g)
JTH4E12	7/32"	4" (101.6 mm)	2.6 oz. (73 g)
JTH4E13	1/4"	4" (101.6 mm)	0.24 oz. (6.8 g)
JTH4E14	5/16"	4" (101.6 mm)	0.3 oz. (8.5 g)
JTH4E15	3/8"	4" (101.6 mm)	6.1 oz. (173 g)
JTH4E17	1/2"	4" (101.6 mm)	9.4 oz. (266 g)
<b>6" Length</b>			
JTH6E06	3/32"	6" (152.4 mm)	0.04 oz. (1.1 g)
JTH6E07	7/64"	6" (152.4 mm)	0.05 oz. (1 g)
JTH6E08	1/8"	6" (152.4 mm)	0.05 oz. (1 g)
JTH6E09	9/64"	6" (152.4 mm)	0.06 oz. (1.7 g)
JTH6E10	5/32"	6" (152.4 mm)	0.11 oz. (3. g)
JTH6E11	3/16"	6" (152.4 mm)	0.13 oz. (3.7 g)
JTH6E12	7/32"	6" (152.4 mm)	2.6 oz. (73 g)
JTH6E13	1/4"	6" (152.4 mm)	0.24 oz. (6.8 g)
JTH6E14	5/16"	6" (152.4 mm)	0.3 oz. (8.5 g)
JTH6E15	3/8"	6" (152.4 mm)	6.1 oz. (173 g)
JTH6E17	1/2"	6" (152.4 mm)	9.4 oz. (266 g)
<b>9" Length</b>			
JTH9E06	3/32"	9" (228.6 mm)	0.05 oz. (1 g)
JTH9E07	7/64"	9" (228.6 mm)	0.05 oz. (1 g)
JTH9E08	1/8"	9" (228.6 mm)	0.06 oz. (1.7 g)
JTH9E09	9/64"	9" (228.6 mm)	0.07 oz. (2.0 g)
JTH9E10	5/32"	9" (228.6 mm)	0.11 oz. (3. g)
JTH9E11	3/16"	9" (228.6 mm)	0.14 oz. (4 g)
JTH9E12	7/32"	9" (228.6 mm)	0.17 oz. (4.8 g)
JTH9E13	1/4"	9" (228.6 mm)	0.27 oz. (7.7 g)
JTH9E14	5/16"	9" (228.6 mm)	0.35 oz. (10.0 g)
JTH9E15	3/8"	9" (228.6 mm)	0.45 oz. (13.0 g)
JTH9E17	1/2"	9" (228.6 mm)	0.7 oz. (20 g)

### T-Handle Hex-Key Sets with Stand - SAE



**Additional Features:**

- Metal stand for convenient mounting on bench or wall
- Short blade-through handle provides maximum tool versatility



JTH610E

Cat. No.	Set Contains	Weight																																	
JTH410E	T-Handle Set with Stand, SAE, 4" Blade 10 Pc	2.7 lbs. (1.22 kg)																																	
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JTH910E	T-Handle Set with Stand, SAE, 9" Blade 10 Pc	3.6 lbs. (1.63 kg)																																	
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**JOURNEYMAN**

**T-Handle Hex-Keys**

**T-Handle Ball-End Hex-Keys - Metric**

**Additional Features:**

- Short blade-through handle provides maximum tool versatility

Cat. No.	Hex Size	Blade Length	Weight
JTH6M2BE	2 mm	6" (152.4 mm)	0.6 oz. (17 g)
JTH6M25BE	2.5 mm	6" (152.4 mm)	0.8 oz (23 g)
JTH6M3BE	3 mm	6" (152.4 mm)	1.0 oz. (28 g)
JTH6M4BE	4 mm	6" (152.4 mm)	1.1 oz. (31 g)
JTH6M5BE	5 mm	6" (152.4 mm)	2.4 oz. (68 g)
JTH6M6BE	6 mm	6" (152.4 mm)	3.0 oz. (85 g)
JTH6M8BE	8 mm	6" (152.4 mm)	5.6 oz. (159 g)
JTH6M10BE	10 mm	6" (152.4 mm)	7.7 oz. (218 g)



JTH6M8BE

**T-Handle Ball-End Hex-Key Set with Stand - Metric**

**Additional Features:**

- Metal stand for convenient mounting on bench or wall
- Short blade-through handle provides maximum tool versatility

Cat. No.	Set Contains	Weight
JTH68MB		2.7 lbs. (1.22 kg)

Cat. No.	Hex Size	Blade Length
JTH6M2BE	2 mm	6" (152.4 mm)
JTH6M25BE	2.5 mm	6" (152.4 mm)
JTH6M3BE	3 mm	6" (152.4 mm)
JTH6M4BE	4 mm	6" (152.4 mm)
JTH6M5BE	5 mm	6" (152.4 mm)
JTH6M6BE	6 mm	6" (152.4 mm)
JTH6M8BE	8 mm	6" (152.4 mm)
JTH6M10BE	10 mm	6" (152.4 mm)



JTH68MB

**T-Handle Hex-Keys - Metric**

**Additional Features:**

- Short blade-through handle provides maximum tool versatility

Cat. No.	Hex Size	Blade Length	Weight
JTH6M2	2 mm	6" (152.4 mm)	6.4 oz. (181 g)
JTH6M25	2.5 mm	6" (152.4 mm)	0.8 oz (23 g)
JTH6M3	3 mm	6" (152.4 mm)	1.0 oz. (28 g)
JTH6M4	4 mm	6" (152.4 mm)	0.1 oz. (2.8 g)
JTH6M5	5 mm	6" (152.4 mm)	2.4 oz. (68 g)
JTH6M6	6 mm	6" (152.4 mm)	2.7 oz. (77 g)
JTH6M8	8 mm	6" (152.4 mm)	5.6 oz. (159 g)
JTH6M10	10 mm	6" (152.4 mm)	7.7 oz. (218 g)
JTH9M10	10 mm	9" (228.6 mm)	0.5 oz. (14 g)
JTH9M2	2 mm	9" (228.6 mm)	0.05 oz. (1 g)
JTH9M25	2.5 mm	9" (228.6 mm)	0.05 oz. (1 g)
JTH9M3	3 mm	9" (228.6 mm)	0.1 oz. (2.8 g)
JTH9M4	4 mm	9" (228.6 mm)	1.6 oz. (45 g)
JTH9M5	5 mm	9" (228.6 mm)	0.2 oz. (5.7 g)
JTH9M6	6 mm	9" (228.6 mm)	0.2 oz. (5.7 g)
JTH9M8	8 mm	9" (228.6 mm)	0.4 oz. (11.0 g)



JTH6M8



## JOURNEYMAN™

## T-Handle Hex-Keys

### T-Handle Hex-Key Sets with Stand - Metric



**Additional Features:**

- Metal stand for convenient mounting on bench or wall
- Short blade-through handle provides maximum tool versatility



JTH68M

Cat. No.	Set Contains	Weight
JTH68M	6" Metric Journeyman T-Handle Set 8 Pc	1.8 lbs. (0.82 kg)

Cat. No.	Hex Size	Blade Length
JTH6M2	2 mm	6" (152.4 mm)
JTH6M25	2.5 mm	6" (152.4 mm)
JTH6M3	3 mm	6" (152.4 mm)
JTH6M4	4 mm	6" (152.4 mm)
JTH6M5	5 mm	6" (152.4 mm)
JTH6M6	6 mm	6" (152.4 mm)
JTH6M8	8 mm	6" (152.4 mm)
JTH6M10	10 mm	6" (152.4 mm)

Cat. No.	Set Contains	Weight
JTH98M	9" Metric Journeyman T-Handle Set 8 Pc	2.1 lbs. (0.95 kg)

Cat. No.	Hex Size	Blade Length
JTH9M2	2 mm	9" (228.6 mm)
JTH9M25	2.5 mm	9" (228.6 mm)
JTH9M3	3 mm	9" (228.6 mm)
JTH9M4	4 mm	9" (228.6 mm)
JTH9M5	5 mm	9" (228.6 mm)
JTH9M6	6 mm	9" (228.6 mm)
JTH9M8	8 mm	9" (228.6 mm)
JTH9M10	10 mm	9" (228.6 mm)

### T-Handle Hex-Keys - TORX®

**Additional Features:**

- Short blade-through handle provides maximum tool versatility

Cat. No.	Hex Size	Blade Length	Weight
JTH6T10	T10	6" (152.4 mm)	0.8 oz. (23 g)
JTH6T15	T15	6" (152.4 mm)	1 oz. (27 g)
JTH6T20	T20	6" (152.4 mm)	1.1 oz. (31 g)
JTH6T25	T25	6" (152.4 mm)	2.1 oz. (59 g)
JTH6T27	T27	6" (152.4 mm)	2.6 oz. (73 g)
JTH6T30	T30	6" (152.4 mm)	2.9 oz. (82 g)
JTH6T40	T40	6" (152.4 mm)	4.6 oz. (130 g)

TORX® is a trademark of Acument Intellectual Properties, LLC.



JTH6T40

### T-Handle Hex-Key Set with Stand - TORX®

**Additional Features:**

- Metal stand for convenient mounting on bench or wall
- Short blade-through handle provides maximum tool versatility

Cat. No.	Set Contains	Weight
JTH67T		1.3 lbs. (0.59 kg)

Cat. No.	Hex Size	Blade Length
JTH6T10	T10	6" (152.4 mm)
JTH6T15	T15	6" (152.4 mm)
JTH6T20	T20	6" (152.4 mm)
JTH6T25	T25	6" (152.4 mm)
JTH6T27	T27	6" (152.4 mm)
JTH6T30	T30	6" (152.4 mm)
JTH6T40	T40	6" (152.4 mm)

TORX® is a trademark of Acument Intellectual Properties, LLC.



JTH67T



## Folding Hex-Key Sets

### Hex-Key Sets

- 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
- Handy sets fit in your pocket or tool box easily and help eliminate the lost key problem
- Made in the U.S.A.

Improved Strength



70579

Cat. No.	Description	Size	Handle Length	Key Lengths	Weight
<b>Hex-Key Sets – Inch</b>					
70591	Nine-Key Inch Folding Hex Key Set	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4-3/8" (111.1 mm)	2-11/16" to 3-13/16"	8.0 oz. (227 g)
70581	Eight-Key Inch Folding Hex Key Set	1/20", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"	3-1/16" (77.8 mm)	1-7/8" to 3"	3.2 oz. (91 g)
70579	Five-Key Inch Folding Hex Key Set	3/16", 7/32", 1/4", 5/16", 3/8"	5-3/8" (136.5 mm)	2-11/16" to 3-13/16"	13.6 oz. (386 g)
<b>Hex-Key Sets – Metric</b>					
70582	Seven-Key Metric Folding Hex Key Set	1-1/2 mm, 2 mm, 2-1/2 mm, 3 mm, 4 mm, 5 mm, 6 mm	94 mm	15 to 45 mm	4.3 oz. (122 g)
70580	Six-Key Metric Folding Hex Key Set	3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm	5-3/8" (136.5 mm)	60 to 101 mm	13.6 oz. (386 g)

### Grip-It™ Hex-Key Sets

- Blades rotate independently up to 270°
- Precision fit so hex tool end reduces stripping problems. Keys are industrial strength, impact-resistant and tested for performance to below freezing
- Glass-reinforced nylon handle
- 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 (Cat. Nos. 70570, 70573, 70574, and 70575)
- Ball design allows for a thicker neck diameter increasing torque capacity, while maintaining operational angles to 25% (Cat. Nos. 70571 and 70572)
- Made in the U.S.A.



70570

Cat. No.	Description	Size	Color	Weight
70570	Grip-It® Five Key Hex Set - Inch	3/16", 7/32", 1/4", 5/16", 3/8"	Yellow	9.3 oz. (263 g)
70571	Grip-It® Five Key Ball Hex Set - Inch	3/16", 7/32", 1/4", 5/16", 3/8"	Yellow	9.3 oz. (263 g)
70572	Grip-It® Five Key Ball Hex Set - Metric	5 mm, 6 mm, 7 mm, 8 mm, 10 mm	Red	9.3 oz. (263 g)
70573	Grip-It® 12 Key Hex Set - Inch/Metric	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	Blue	4.8 oz. (136 g)
70574	Grip-It® Nine Key Hex Set 2 Positions	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	Yellow	5.3 oz. (150 g)
70575	Grip-It® Nine Key Hex Set Square Cut	3/64", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	Yellow	3.2 oz. (91 g)

## TORX® Sets

### Folding TORX® Set

- TORX® 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
- Can be used straight out or at an angle for extra leverage



70586

Cat. No.	Handle Length	Key Lengths	Size	Weight
70586	4-3/8" (111.1 mm)	2-13/16" to 3"	T10, T15, T20, T25, T27, T30, T40	4.8 oz. (136 g)

TORX® is a trademark of Acument Intellectual Properties, LLC.



## L-Style Hex-Keys

**Rust and corrosion resistant surfaces**

**Top-grade alloy steel**



**Extra length** for hard-to-reach applications

**Heat-treated and tempered** for added strength and durability



## L-Style Ball-End Hex-Keys

### Additional Features:

- Allows easy access, even in restricted areas
- Long side for accessing hard-to-reach places
- Short side for higher torque situations and low clearances



BL8

Cat. No.	Hex Size	Short Arm Length	Long Arm Length	Weight
<b>Ball-End Hex-Key – Inch</b>				
BL2	0.050"	9/16" (14.28 mm)	2-7/8" (73.0 mm)	0.03 oz. (0.9 g)
BL4	1/16"	5/8" (15.87 mm)	3-1/16" (77.8 mm)	0.03 oz. (0.9 g)
BL5	5/64"	11/16" (17.46 mm)	3-1/4" (82.6 mm)	0.08 oz. (2.3 g)
BL6	3/32"	3/4" (19.05 mm)	3-1/2" (88.9 mm)	0.08 oz. (2.3 g)
BL7	7/64"	3/4" (19.05 mm)	3-11/16" (93.7 mm)	0.16 oz. (4.5 g)
BL8	1/8"	7/8" (22.22 mm)	3-7/8" (98.4 mm)	0.3 oz. (8.5 g)
BL9	9/64"	15/16" (23.81 mm)	4-1/8" (104.8 mm)	0.3 oz. (8.5 g)
BL10	5/32"	1" (25.4 mm)	4-3/8" (111.1 mm)	0.5 oz. (14 g)
BL12	3/16"	1-1/8" (28.57 mm)	4-11/16" (119.1 mm)	0.8 oz. (23 g)
BL14	7/32"	1-1/4" (31.75 mm)	5-1/16" (128.6 mm)	1 oz. (27 g)
BL16	1/4"	1-3/8" (34.92 mm)	5-13/16" (147.6 mm)	1.4 oz. (41 g)
BL20	5/16"	1-9/16" (39.68 mm)	6-5/16" (160.33 mm)	2.7 oz. (77 g)
BL24	3/8"	1-3/4" (44.45 mm)	7-1/8" (181.0 mm)	3.7 oz. (104 g)

Cat. No.	Hex Size	Short Arm Length	Long Arm Length	Weight
<b>Ball-End Hex-Key – Metric</b>				
BLM15	1.5 mm	9/16" (14.28 mm)	3-1/16" (77.8 mm)	0.2 oz. (5.7 g)
BLM2	2 mm	11/16" (17.46 mm)	3-5/16" (84.1 mm)	0.2 oz. (5.7 g)
BLM25	2.5 mm	13/16" (20.63 mm)	3-9/16" (90.5 mm)	0.2 oz. (5.7 g)
BLM3	3 mm	7/8" (22.22 mm)	4" (101.6 mm)	0.3 oz. (8.5 g)
BLM4	4 mm	1" (25.4 mm)	4-1/2" (114.3 mm)	0.5 oz. (14 g)
BLM5	5 mm	1-1/4" (31.75 mm)	4-7/8" (123.8 mm)	0.8 oz. (23 g)
BLM6	6 mm	1-7/16" (36.51 mm)	5-11/16" (144.5 mm)	1.3 oz. (37 g)
BLM8	8 mm	1-11/16" (42.86 mm)	6-5/16" (160.33 mm)	2.2 oz. (62 g)
BLM10	10 mm	1-15/16" (49.21 mm)	6-1/8" (155.6 mm)	3.8 oz. (108 g)

## Long-Arm Hex-Keys

### Additional Features:

- Long side for accessing hard-to-reach places
- Short side for higher torque situations and low clearances



LL8

Cat. No.	Hex Size	Short Arm Length	Long Arm Length	Weight
<b>Long-Arm Hex-Key – Inch</b>				
LL2	0.050"	9/16" (14.28 mm)	2-7/8" (73.0 mm)	0.08 oz. (2.3 g)
LL4	1/16"	5/8" (15.87 mm)	3-1/16" (77.8 mm)	0.08 oz. (2.3 g)
LL5	5/64"	11/16" (17.46 mm)	3-1/4" (82.6 mm)	0.08 oz. (2.3 g)
LL6	3/32"	3/4" (19.05 mm)	3-1/2" (88.9 mm)	0.16 oz. (4.5 g)
LL7	7/64"	13/16" (20.63 mm)	3-11/16" (93.7 mm)	0.3 oz. (8.5 g)
LL8	1/8"	7/8" (22.22 mm)	3-7/8" (98.4 mm)	0.3 oz. (8.5 g)
LL9	9/64"	15/16" (23.81 mm)	4-1/8" (104.8 mm)	0.5 oz. (14 g)
LL10	5/32"	1" (25.4 mm)	4-3/8" (111.1 mm)	0.5 oz. (14 g)
LL12	3/16"	1-1/8" (28.57 mm)	4-11/16" (119.1 mm)	0.8 oz. (23 g)
LL14	7/32"	1-1/4" (31.75 mm)	5-1/16" (128.6 mm)	11.2 oz. (318 g)
LL16	1/4"	1-3/8" (34.92 mm)	5-1/2" (139.7 mm)	1.6 oz. (45 g)
LL20	5/16"	1-9/16" (39.68 mm)	6-5/16" (160.33 mm)	2.9 oz. (82 g)
LL24	3/8"	1-3/4" (44.45 mm)	7-1/8" (181.0 mm)	4.0 oz. (113 g)

Cat. No.	Hex Size	Short Arm Length	Long Arm Length	Weight
<b>Long-Arm Hex-Key – Metric</b>				
LLM15	1.5 mm	9/16" (14.28 mm)	3-1/8" (79.4 mm)	0.08 oz. (2.3 g)
LLM2	2 mm	11/16" (17.46 mm)	3-1/32" (77.0 mm)	0.08 oz. (2.3 g)
LLM25	2.5 mm	13/16" (20.63 mm)	3-9/16" (90.5 mm)	0.16 oz. (4.5 g)
LLM3	3 mm	7/8" (22.22 mm)	4" (101.6 mm)	0.3 oz. (8.5 g)
LLM4	4 mm	1" (25.4 mm)	4-1/2" (114.3 mm)	0.5 oz. (14 g)
LLM5	5 mm	1-1/4" (31.75 mm)	4-7/8" (123.8 mm)	0.8 oz. (23 g)
LLM6	6 mm	1-7/16" (36.51 mm)	5-11/16" (144.5 mm)	1.3 oz. (37 g)
LLM8	8 mm	1-11/16" (42.86 mm)	6-5/16" (160.33 mm)	2.4 oz. (68 g)
LLM10	10 mm	1-15/16" (49.21 mm)	7-1/8" (181.0 mm)	4.0 oz. (113 g)



## L-Style Hex-Key Sets

### L-Style Caddy Sets

- L-style hex-keys organized in convenient, durable caddy sets
- Each set contains a unique locking feature and marked slots for each key
- Ball-end works on angles up to 30° (Cat. Nos. BLK12 and BLMK10)

Cat. No.	Set Contains	Weight	
BLK12	L Style Ball End Hex Key Caddy Set 12 Pc	8.5 oz. (240 g)	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
BL2	0.050"	9/16" (14.28 mm)	2-7/8" (73.0 mm)
BL4	1/16"	5/8" (15.87 mm)	3-1/16" (77.8 mm)
BL5	5/64"	11/16" (17.46 mm)	3-1/4" (82.6 mm)
BL6	3/32"	3/4" (19.05 mm)	3-1/2" (88.9 mm)
BL7	7/64"	3/4" (19.05 mm)	3-11/16" (93.7 mm)
BL8	1/8"	7/8" (22.22 mm)	3-7/8" (98.4 mm)
BL9	9/64"	15/16" (23.81 mm)	4-1/8" (104.8 mm)
BL10	5/32"	1" (25.4 mm)	4-3/8" (111.1 mm)
BL12	3/16"	1-1/8" (28.57 mm)	4-11/16" (119.1 mm)
BL14	7/32"	1-1/4" (31.75 mm)	5-1/16" (128.6 mm)
BL16	1/4"	1-3/8" (34.92 mm)	5-13/16" (147.6 mm)
BL20	5/16"	1-9/16" (39.68 mm)	6-5/16" (160.33 mm)
BLMK10	L Style Ball End Hex Key Caddy Set Metric 9 Pc	9.9 oz. (281 g)	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
BLM15	1.5 mm	9/16" (14.28 mm)	3-1/16" (77.8 mm)
BLM2	2 mm	11/16" (17.46 mm)	3-5/16" (84.1 mm)
BLM25	2.5 mm	13/16" (20.63 mm)	3-9/16" (90.5 mm)
BLM3	3 mm	7/8" (22.22 mm)	4" (101.6 mm)
BLM4	4 mm	1" (25.4 mm)	4-1/2" (114.3 mm)
BLM5	5 mm	1-1/4" (31.75 mm)	4-7/8" (123.8 mm)
BLM6	6 mm	1-7/16" (36.51 mm)	5-11/16" (144.5 mm)
BLM8	8 mm	1-11/16" (42.86 mm)	6-5/16" (160.33 mm)
BLM10	10 mm	1-15/16" (49.21 mm)	6-1/8" (155.6 mm)
LLK12	L-Style Hex Key Caddy Set 12 Pc	8.6 oz. (245 g)	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
LL2	0.050"	9/16" (14.28 mm)	2-7/8" (73.0 mm)
LL4	1/16"	5/8" (15.87 mm)	3-1/16" (77.8 mm)
LL5	5/64"	11/16" (17.46 mm)	3-1/4" (82.6 mm)
LL6	3/32"	3/4" (19.05 mm)	3-1/2" (88.9 mm)
LL7	7/64"	13/16" (20.63 mm)	3-11/16" (93.7 mm)
LL8	1/8"	7/8" (22.22 mm)	3-7/8" (98.4 mm)
LL9	9/64"	15/16" (23.81 mm)	4-1/8" (104.8 mm)
LL10	5/32"	1" (25.4 mm)	4-3/8" (111.1 mm)
LL12	3/16"	1-1/8" (28.57 mm)	4-11/16" (119.1 mm)
LL14	7/32"	1-1/4" (31.75 mm)	5-1/16" (128.6 mm)
LL16	1/4"	1-3/8" (34.92 mm)	5-1/2" (139.7 mm)
LL20	5/16"	1-9/16" (39.68 mm)	6-5/16" (160.33 mm)
LMK10	L-Style Hex Key Caddy Set Metric 9 Pc	10.1 oz. (286 g)	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
LLM15	1.5 mm	9/16" (14.28 mm)	3-1/8" (79.4 mm)
LLM2	2 mm	11/16" (17.46 mm)	3-1/32" (77.0 mm)
LLM25	2.5 mm	13/16" (20.63 mm)	3-9/16" (90.5 mm)
LLM3	3 mm	7/8" (22.22 mm)	4" (101.6 mm)
LLM4	4 mm	1" (25.4 mm)	4-1/2" (114.3 mm)
LLM5	5 mm	1-1/4" (31.75 mm)	4-7/8" (123.8 mm)
LLM6	6 mm	1-7/16" (36.51 mm)	5-11/16" (144.5 mm)
LLM8	8 mm	1-11/16" (42.86 mm)	6-5/16" (160.33 mm)
LLM10	10 mm	1-15/16" (49.21 mm)	7-1/8" (181.0 mm)



BLK12



LMK10



# Levels and Measuring Tools

Quick, easy and accurate measurements can mean the difference between a job well done and one that misses the mark. Klein offers a variety of levels and other measuring devices that will help you measure up to the task.



For Professionals...  
Since 1857™

# Aluminum Levels

Patent Pending

## MAGNET TRACK

**ULTRA POWERFUL**   
Rare-Earth Magnets



### Lighted Billet Aluminum Torpedo Level

**Additional Features:**

- Professional grade billet aluminum body is precision machined for high-accuracy leveling
- Large, bright LED high-definition vials are easy to read in any lighting condition
- Vials are at 3 angles: level, 90 and 45 degrees
- 3-minute auto shut-off saves battery life
- Water and impact resistant



935RBLT

Cat. No.	Overall Length	Weight
935RBLT <b>NEW!</b>	9" (228.6 mm)	11.2 oz. (318 g)

**NEW!**



Super Bright High-Definition LED Vials

### Billet Aluminum Torpedo Level

**Additional Features:**

- Professional grade billet aluminum body is precision machined for high-accuracy leveling
- Vials are at 4 angles: level, 90, 45 and 30 degrees



935RB

Cat. No.	Overall Length	Weight
935RB <b>NEW!</b>	8" (203.2 mm)	7.4 oz. (210 g)

**NEW!**



High-Visibility Orange won't get lost or blend into conduit





## Levels

### Aluminum Torpedo Level

**Additional Features:**

- Vials are at 3 angles: level, 90 and 45 degrees
- Made from aluminum for added durability
- Cat. No. 931-9RETT has tether hole for working at height

Cat. No.	Overall Length	Weight
935R <b>NEW!</b>	9" (228.6 mm)	8.5 oz. (241 g)
9319RETT <b>NEW!</b>	9" (228.6 mm)	1.6 oz. (45 g)

**NEW!**



935R



Tether ring available on Cat. No. 9319RETT for working at height

### Torpedo Level

**Additional Features:**

- Vials are at 3 angles: level, 90 and 45 degrees
- Magnetic bottom holds securely to conduit and metal surfaces

Cat. No.	Overall Length	Weight
935 <b>NEW!</b>	9" (228.6 mm)	4.3 oz. (122 g)

**NEW!**



935

### Accu-Bend™ 4-Vial Level

**Additional Features:**

- Professional grade billet aluminum body is precision machined for high-accuracy leveling
- Thumb screw attaches level to conduit to measure angle while bending
- Large, easy to read high-visibility vials at 4 angles: level, 90, 45, and 30 degrees

**NEW!**



935AB4V

Cat. No.	Overall Length	Weight
935AB4V <b>NEW!</b>	6-1/4" (158.8 mm)	5.9 oz. (168 g)

**WARNING:** Brass bolt contains lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.

### Accu-Bend™ 1-Vial Level

**Additional Features:**

- Professional grade billet aluminum body is precision machined for high-accuracy leveling
- Ensures precise 90° bends
- Thumb screw attaches level to conduit to measure angle while bending
- Non-magnetic
- 1 vial: 90°

**NEW!**



935AB1V



Cat. No.	Overall Length	Weight
935AB1V <b>NEW!</b>	2-1/2" (63.5 mm)	2.4 oz. (68 g)

**WARNING:** Brass bolt contains lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.



# Tape Measures

Patent Pending  
UNCLUTTERED,  
EASY-TO-READ  
**BOLD LINES  
EVERY 1/8"**

**EXTRA-LARGE  
BOLD NUMBERS**  
FOR IMPROVED  
READABILITY



Up to  
9-1/2 ft. (3 m)  
**STAND-OUT**

**⚠ WARNING:**

- Protect hands when cleaning magnetic tip end. Use gloves or cloth.
- Avoid magnetic contact with sensitive electronic or computer equipment.
- To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case.
- Do NOT open case. Spring motor is under tension, and opening case may cause injury.

**Magnetic end hooks with dual angle polarity**  
attaches to conduit and steel studs to easily  
read from above or below



**Retraction Speed Brake**  
controls blade speed and  
protects fingers from having  
to touch blade



**Blade-printed conduit multiplier bending table**  
helps calculate offsets and saddles



## Tape Measures - Magnetic

**Additional Features:**

- Heavy duty nylon coating protects blade printing
- Super-sized back clip holds securely to wide belts and extends into pockets
- Cat. Nos. 86315 and 86375 feature double sided printing with centimeters and inches
- U.S. Patent Pending

Cat. No.	Blade Length	Hook	Weight
86216 <b>NEW!</b>	16 ft. (4.9 m)	Double	13.0 oz. (367 g)
86225 <b>NEW!</b>	25 ft. (7.6 m)	Double	17.6 oz. (498 g)
86230 <b>NEW!</b>	30 ft. (9.1 m)	Double	20.4 oz. (580 g)
Metric			
86315 <b>NEW!</b>	5 m	Double	13.0 oz. (367 g)
86375 <b>NEW!</b>	7.5 m	Double	18.1 oz. (514 g)

## Tape Measure - Non-Magnetic

**Additional Features:**

- Heavy duty nylon coating protects blade printing
- Super-sized back clip holds securely to wide belts and extends into pockets
- U.S. Patent Pending

Cat. No.	Blade Length	Hook	Weight
86125 <b>NEW!</b>	25 ft. (7.6 m)	Single	17.9 oz. (506 g)



**NEW!**

86225



**NEW!**

86125





## Tape Measures

### Tape Measures-Steel with High-Visibility Case

- High-visibility, high-impact orange case makes it easy to find in a tool box, pouch and on the jobsite
- 16" stud markings and 19.2" truss markings



928-25HV

Cat. No.	Blade Length	Width	Weight
928-25HV	25 ft. (7.6 m)	1" (25.4 mm)	16 oz. (454 g)

### Tape Measure Holders

- Klein offers a complete selection of leather or nylon Tape Holders and Pouches



Tape Measure	Holder Cat. No.	Description	Overall Size	Weight
86216, 86315	5195	Medium Leather Pouch	4-1/2" x 7" (114 mm x 178 mm)	2.9 oz. (82 g)
	5707	Nylon Tape Measure Clip/Holder	4-1/8" x 3-3/4" (104 mm x 95 mm)	1.6 oz. (45 g)
86125, 86225, 86375	5196	Large Leather Pouch	5" x 7" (127 mm x 178 mm)	3.4 oz. (95 g)
	5707	Nylon Tape Measure Clip/Holder	4-1/8" x 3-3/4" (104 mm x 95 mm)	1.6 oz. (45 g)
	5195TT	Tape Measure Holder with Ring	3" x 3.5" (76 mm x 89 mm)	1.6 oz. (45 g)
86230	5196	Large Leather Pouch	5" x 7" (127 mm x 178 mm)	3.4 oz. (95 g)
	5707	Nylon Tape Measure Clip/Holder	4-1/8" x 3-3/4" (104 mm x 95 mm)	1.6 oz. (45 g)
	5712	Tape Measure Holder with Ring	8-1/4" x 4-1/2" (210 mm x 114 mm)	3.8 oz. (109 g)

## Laser Measuring Tools

### Laser Distance Measurer

- Meter provides measurements up to 65 ft. (19.8 m) in distance, at an accuracy of + or - 1/16" (1.6 mm)
- Quickly calculates length, area, volume, and indirect measurements with large, easy-to-read buttons
- Offers the option of one-touch, single-distance measurement and continuous measurement
- Depth gauge stick flips out to measure from inside corners or channels
- Highly visible backlit display
- Provides both fractional (imperial) and metric readings
- Memory stores last 20 measurements
- Includes handy carrying pouch to keep until safe when not in use

**NEW!**



93LDM65

Cat. No.	Batteries	Height	Width	Depth	Weight
93LDM65 <b>NEW!</b>	2 x AAA	4-1/2" (114.3 mm)	2" (50.8 mm)	1-3/8" (34.9 mm)	5.1 oz. (145 g)

See page 310 for additional information on warnings.



## Folding Rulers

### Wood Folding Rules

- Strong, 6' (183 cm) long hardwood rules with clear abrasion-resistant coating
- Black markings on yellow, with red stud center markings every 16 inches
- Measurements are marked on both sides and both edges, graduated to 1/16th inch
- Riveted lock joints are designed for long wear and maintained accuracy
- Extension slide moves under friction in a T-slot with stops at each end. (Cat. No. 905-6)

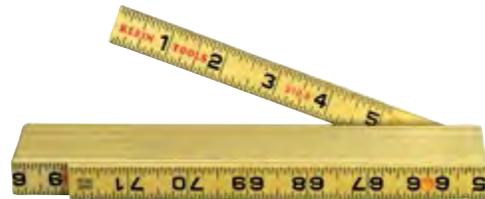


901-6

Cat. No.	Reading	Length	Weight
900-6	Inside	6 ft. (1.8 m)	5.3 oz. (150 g)
901-6	Outside	6 ft. (1.8 m)	5.3 oz. (150 g)
905-6	Outside	6 ft. (1.8 m)	5.3 oz. (150 g)

### Non-Conductive Fiberglass Folding Rules

- Constructed of tough nylon, reinforced with glass fibers for added durability, and resistance to weather, abrasion and most chemicals
- Positive locking joints and stainless steel spring hinges for added strength
- Measurements are marked on both sides and both edges, graduated to 1/16th inch
- Black markings on yellow, with red stud center markings every 16 inches
- Engraved graduations on both sides



910-6

Cat. No.	Reading	Length	Weight
910-6	Inside	6 ft. (1.8 m)	5.3 oz. (150 g)
911-6	Outside	6 ft. (1.8 m)	5.3 oz. (150 g)

## Fiberglass Tapes

### Woven Fiberglass Tapes

- Woven fiberglass tape with moisture-proof coating of polyvinyl chloride assures durability and protects against oil or chemicals
- Can be immersed in water without adverse effects
- All metal parts are nickel-plated for protection against rust
- End-hooks are permanently attached to a reinforced strip
- Case and reel are ruggedly built, yet lightweight and comfortable to use
- Tape line is graduated in feet and inches to 8ths
- Black graduating numbers and red foot markings on yellow background
- Protective carrying case on Cat. Nos. 946-50 and 946-100 encloses tape completely
- Tape rings tuck neatly into case opening for storage
- Cat. No. 946-150 is contained in an open reel and is easy to handle and rewind



946-100



946-150

Cat. No.	Description	Length	Width	Weight
946-50	50' Woven Fiberglass Tape Case	50 ft. (15.2 m)	1/2" (12.7 mm)	12.8 oz. (363 g)
946-100	100' Woven Fiberglass Tape Case	100 ft. (30 m)	1/2" (12.7 mm)	1.2 lbs. (0.54 kg)
946-150	150' Woven Fiberglass Tape Open-Reel	150 ft. (45.7 m)	1/2" (12.7 mm)	1.7 lbs. (0.77 kg)

# Wire Pulling and Conduit Tools

Pulling wire and working with conduit is very challenging without the proper tools. Klein Tools' complete line of conduit tools allows you to get the job done while saving time, effort and materials.

For Professionals...  
Since 1857™



# FISH TAPES

**Unique sloped handle** optimizes hand position for quick hand-over-hand rewinds

**Raised fingergrrips** transfer 100% of the winding power from your hand and fingers

**Polypropylene case and handle** offer the maximum in impact resistance

**Round inner ring design** provides a smooth, surface for winding and rewinding



US Patents: 8899554 D574,277; 8,212,178; 8,168,921; 8,164,025  
Other patents pending

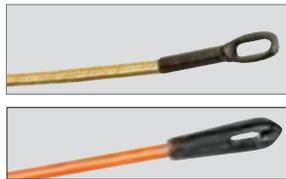


**Available in steel and fiberglass** with a wide variety of tips

## Multi-Groove Fiberglass Fish Tapes

**Additional Features:**

- Fiberglass Performance at 25% Lower Cost!\*
- Rigidity for long distance
- Less surface contact when pushing through crowded conduit
- Durable 7" (178 mm) leader helps push through crowded conduit
- Available resin eyelet for total non-conductivity



Old Profile      New Profile



*Less surface contact with wires*



56055



Cat. No.	Tape Size	Reel Diameter	Weight
<b>Multi-Groove Fiberglass - 7" (179 mm) Spiral Leader</b>			
56055	100 ft. L x 3/16" W (30.5 m L x 4.8 mm W)	13" (330.2 mm)	3.0 lbs. (1.36 kg)
56056	200 ft. L x 3/16" W (61.0 m L x 4.8 mm W)	17" (431.8 mm)	6.2 lbs. (2.81 kg)
<b>Multi-Groove Fiberglass - Non-Conductive</b>			
56057	50 ft. L x 3/16" W (15.2 m L x 4.8 mm W)	13" (330.2 mm)	2.3 lbs. (1.04 kg)
56058	100 ft. L x 3/16" W (30.5 m L x 4.8 mm W)	13" (330.2 mm)	3.1 lbs. (1.41 kg)
56059	200 ft. L x 3/16" W (61.0 m L x 4.8 mm W)	17" (431.8 mm)	6.0 lbs. (2.72 kg)
<b>Replacement Parts and Kits</b>			
Cat. No.	Description	Included	Weight
56115	Fiberglass Fish Tape Repair Kit	(1) High Leverage Crimper, (2) 7" (177.8 mm) Flexible Leaders, (2) Eyelets, (1) Tube Quick-Drying Glue	2.2 lbs. (1.00 kg)
56025	Non-conductive Fish Tape Repair Kit	Non-Conductive Eyelets ( 2 Ea.), Tube Quick-Drying Glue (1 Ea)	2.2 lbs. (1.00 kg)
56116	Fiberglass Fish Tape Replacement Eyelets	—	1 oz. (27 g)
56120	Fiberglass Fish Tape Replacement Leaders	—	1.8 oz. (50 g)

\*When compared to published price of Klein Tools fiberglass fish tapes.





## Fish Tapes

### Fiberglass Fish Tapes

#### Additional Features:

- Designed for flexibility and easy navigation through conduit runs
- Non-conductive, fiberglass fish tape slides easily over existing wires and through multiple bends
- Durable 7" (179 mm) leader helps push through crowded conduit
- The lightweight and strong fiberglass composite tape resists harsh elements and is strength rated up to 500 pulling pounds
- Repair kit (Cat. No. 56115) available to replace tips
- Replacement metal eyelets (Cat. No. 56116) and spiral steel leaders (Cat. No. 56120) available



1' permanent laser etched descending increments.



56010

Cat. No.	Tape Size	Reel Diameter	Weight
56009	50 ft. L x 3/16" W (7" Leader) (15.2 m L x 4.8 mm W [177.8 mm Leader])	13" (330.2 mm)	2.8 lbs. (1.27 kg)
56010	100 ft. L x 3/16" W (7" leader) (30.5 m L x 4.8 mm W [177.8 mm Leader])	13" (330.2 mm)	3.5 lbs. (1.59 kg)
56014	200 ft. L x 3/16" W (7" Leader) (60.96 m L x 4.8 mm W [177.8 mm Leader])	17" (431.8 mm)	6.2 lbs. (2.81 kg)

#### Replacement Tapes

Cat. No.	Description	Included	Weight
56115	Fiberglass Fish Tape Repair Kit	(1) High Leverage Crimper, (2) 7" (177.8 mm) Flexible Leaders, (2) Eyelets, (1) Tube Quick-Drying Glue	2.2 lbs. (1.00 kg)
56116	Fiberglass Fish Tape Replacement Eyelets	—	1 oz. (27 g)
56120	Fiberglass Fish Tape Replacement Leaders	—	1.8 oz. (50 g)

### 1/8" (3 mm) Wide Steel Fish Tapes

#### Additional Features:

- High strength spring steel fish tapes are stiff for long runs and are great for heavy duty wire pulls
- Full grip style handle gives you a firm, steady grip as you pull tape from the case
- Stainless Steel fish tape (Cat. Nos. 56007, 56008) is corrosion resistant and extends the life of the tool



1' permanent laser etched descending increments.



56001

Cat. No.	Tape Size	Reel Diameter	Weight
<b>Stainless Steel for Corrosion Resistance</b>			
56007	125' L x 1/8" W x 0.062" H (38.1 m L x 3.2 mm W x 1.57 mm H)	13" (330.2 mm)	4.7 lbs. (2.13 kg)
56008	240 ft. L x 1/8" W x 0.062" H (73.2 m L x 3.2 mm W x 1.57 mm H)	13" (330.2 mm)	7.5 lbs. (3.40 kg)

#### Flat Steel

56000	25 ft. L x 1/8" W x 0.045" H (7.6 m L x 3.2 mm W x 1.14 mm H)	7" (177.8 mm)	1.0 lbs. (0.45 kg)
56001	50 ft. L x 1/8" W x 0.045" H (15.2 m L x 3.2 mm W x 1.14 mm H)	7" (177.8 mm)	1.3 lbs. (0.59 kg)
56002	65 ft. L x 1/8" W x 0.062" H (19.8 m L x 3.2 mm W x 1.57 mm H)	9" (228.6 mm)	2.6 lbs. (1.18 kg)
56003	125' L x 1/8" W x 0.062" H (38.1 m L x 3.2 mm W x 1.57 mm H)	13" (330.2 mm)	4.7 lbs. (2.13 kg)
56004	240 ft. L x 1/8" W x 0.062" H (73.2 m L x 3.2 mm W x 1.57 mm H)	13" (330.2 mm)	7.5 lbs. (3.40 kg)

#### Replacement Tapes

56065	65 ft. L x 1/8" W x 0.062" H (19.8 m L x 3.2 mm W x 1.57 mm H)	—	1.7 lbs. (0.77 kg)
56125	125 ft. L x 1/8" W x 0.062" H (38.1 m L x 3.2 mm W x 1.57 mm H)	—	3.3 lbs. (1.50 kg)
56240	240 ft. L x 1/8" W x 0.062" H (73.2 m L x 3.2 mm W x 1.57 mm H)	—	6.1 lbs. (2.77 kg)



## Fish Tapes

### 1/4" (6 mm) Wide Steel Fish Tapes

**Additional Features:**

- Tempered, high quality tape keeps its stability as it glides between surfaces for effective pushing and pulling of wire under carpets, through insulated walls and over suspended ceilings
- 25' length with no snag tip, is perfect for short wire runs associated with light commercial, residential and voice-data-video-audio installations (Cat. No. 56005)



56005 has a no snag plastic tip



1' permanent laser etched descending increments.



56005

Cat. No.	Tape Size	Reel Diameter	Weight
56005	25 ft. L x 1/4" W x 0.030" H (7.6 m L x 6.4 mm W x 0.76mm H)	7" (177.8 mm)	1.1 lbs. (0.50 kg)
56006	100' L x 1/4" W x 0.062" H (30.5 m L x 6.4 mm W x 1.57 mm H)	13" (330.2 mm)	6.8 lbs. (3.08 kg)

### Spiral Steel Fish Tapes

**Additional Features:**

- Designed for super flexibility and easy navigation through conduit runs
- Slides easily over existing wires and through multiple bends
- The durable spiral steel tape construction yields a maximum pulling force of up to 250 lbs.
- Replacement metal eyelets (Cat. No. 56116) and spiral steel leaders (Cat. No. 56120) available



56013

Cat. No.	Tape Size	Reel Diameter	Weight
56013	50 ft. L x 3/16" W (15.2 m L x 4.8 mm W)	13" (330.2 mm)	5.1 lbs. (2.31 kg)

**Replacement Parts and Kits**

Cat. No.	Description	Length	Weight
56116	Fiberglass Fish Tape Replacement Eyelets	1-1/2" (38.1 mm)	1 oz. (27 g)
56120	Fiberglass Fish Tape Replacement Leaders	8-15/16" (227.0 mm)	1.8 oz. (50 g)

## Fish Tape Accessories

### Fiberglass Fish Tape Repair Kit

- Contains high leverage ratcheting crimper, two replacement eyelets, two 7" (179 mm) replacement leaders, one tube of quick dry glue and comprehensive instructions
- Multi-function ratcheting crimper (Cat. No. 56115V) cuts tape cleanly, strips tapes and crimps on new attachments
- Newly crimped on eyelets meet or exceed original factory pulling strength requirements
- Protective carry case firmly holds all tools and additional parts in handy, organized compartments
- Cat. No. 56025 is for repairing non-conductive fiberglass fish tapes



56115

Cat. No.	Included	Weight
56115	(1) High Leverage Crimper, (2) 7" (177.8 mm) Flexible Leaders, (2) Eyelets, (1) Tube Quick-Drying Glue	2.2 lbs. (1.00 kg)
56025	Non-Conductive Eyelets ( 2 Ea.), Tube Quick-Drying Glue (1 Ea)	2.2 lbs. (1.00 kg)





## Fish Tape Accessories

### 2-Pack 7" (179 mm) Replacement Flexible Leaders & 6-Pack Replacement Eyelets

- For use only with fiberglass fish tapes (Cat. No. 56009, 56010 & 56014)
- Attach with Klein Tools ratcheting crimper (Cat. No. 56115V) available in kit 56115 only

Cat. No.	Length	Weight
56120	8-15/16" (227.0 mm)	1.8 oz. (50 g)
56116	1-1/2" (38.1 mm)	1 oz. (27 g)



56120



56116

### 13" (330 mm) Flexible Leader for Steel Fish Tapes

- For use with 1/8" (3 mm) wide steel fish tapes
- Heavy duty construction is strength rated up to 250 pulling pounds
- High capacity eyelet holds up to five #12 unstripped wires and seven #10 bare wires
- Retrofit instructions included
- The 3/16" (5 mm) diameter tape has a rustproof inner steel cable core wrapped with a spiral cover for exceptional flexibility
- Flexible leader guides steel tapes through 90° bends and makes pulling and pushing flat steel tapes easier

Cat. No.	Diameter	Length	Weight
50350	3/16" (4.8 mm)	13-1/2" (342.9 mm)	1.6 oz. (45 g)



50350

### 6 Loop Wire Pulling Leader

- Save time by attaching leader to the end of a fish tape and pull up to six wires at once
- Braided steel construction provides up to 450 lbs. pull strength on main eyelet
- Flexible construction allows for easy navigation through multiple bends in conduit
- Staggered loop lengths won't overlap and clog pipe
- For use with 1/8" and 1/4" (3 mm and 6 mm) flat steel fish tapes

Cat. No.	Length	Weight
56107	11-1/4" (285.8 mm)	3.2 oz. (91 g)



56107

### Steel Fish Tape Swivel Eyelet

- For use with 1/8" (6 mm) wide steel fish tapes
- Swivel head design helps prevent kinks and allows smoother, easier fishing in tight turns
- High capacity eyelet holds up to five #12 unstripped wires or seven #10 bare wires
- High strength steel construction allows for optimal performance over repeated uses
- Retrofit instructions included

Cat. No.	Diameter	Length	Weight
50351	3/16" (4.8 mm)	1-1/2" (38.1 mm)	0.5 oz. (14 g)



50351



# Fish Rods & Accessories



**Exclusive Splinter Guard™ protection from painful fiberglass splinters**

**Rods have threaded beveled connectors to attach to desired length and prevent snagging on obstructions**

**LO flex** – long, straight feeding  
**HIGH flex** – tight bends in walls  
**MID flex** – all needs in between

**Luminescent glow rods provide added visibility** in dark work spaces

**Shines 2X brighter and lasts 2X longer** than ordinary glow rods



## Fish and Glow Rods

**Additional Features:**

- Variety of flexibilities and lengths for any application such as walls, drop ceilings, attics, crawl spaces, etc.
- Sets include bull nose and hook attachments to attach and grab wires
- Cat. No. 56430 also includes illuminated tip



Cat. No.	Description	Included	Diameter	Overall Length	Weight
<b>Fish Rods</b>					
56312	12' (3.7 m) Lo-Flex Fish Rod Set	(3) 1/4" (6.4 mm) Diameter 4' (1.2 m) Fish Rods with Bullet Nose and Hook Attachments	1/4" (6.4 mm)	12 ft. (3.7 m)	1.1 lbs. (0.50 kg)
56324	24' (7.3 m) Lo-Flex Fish Rod Set	(4) 1/4" Diameter 6' (1.5 m) Fish Rods with Bullet Nose and Hook Attachments	1/4" (6.4 mm)	24' (7.3 m)	1.9 lbs. (0.86 kg)
56325	25' (7.6 m) Fish and Glow Rod Set	(5) 1/4" 1/4" (6.4 mm) Diameter 4' Diameter 4' (1.2 m) Fish Rods, Fish Rods, (1) 3/16" 3/16" (4.8 mm) Diameter 5'	1/4" to 3/16" (6.4 to 4.8 mm)	25 ft. (7.6 m)	1.8 lbs. (0.82 kg)
<b>Glow Rods</b>					
56406	6' (1.8 m) Hi-Flex Glow Rod		5/32" (4.0 mm)	6 ft. (1.8 m)	3.2 oz. (91 g)
56409	9' (2.7 m) Mid-Flex Glow Rod Set	(6) 3/16" (4.76 mm) Diameter 18" (457.2 mm) Glow Rods with Bullet Nose and Hook Attachments	3/16" (4.8 mm)	9 ft. (2.7 m)	8.8 oz. (249 g)
56415	15' (4.6 m) Mid-Flex Glow Rod Set	(3) 3/16" (4.8 mm) Diameter 5' (1.5 m) Glow Rods with Bullet Nose and Hook Attachments	3/16" (4.8 mm)	15 ft. (4.6 m)	13.6 oz. (386 g)
56418	18' (5.5 m) Hi-Flex Glow Rod Set	(3) 5/32" (4 mm) Diameter 6' (1.8 m) Glow Rods with Bullet Nose and Hook Attachments	5/32" (4.0 mm)	18 ft. (5.5 m)	13.6 oz. (386 g)
56430	30' Glow Rod Set	(6) 3/15" (4.7 mm) Diameter x 5' (1.5 m) Glow Rods with Bullet Nose, Hook, and LED-Illuminated Tip Attachments	3/16" (4.8 mm)	30 ft. (9.1 m)	1.2 lbs. (0.54 kg)

## Deluxe Fish and Glow Rod Kit

- Heavy-duty storage case with fitted pockets and straps for organization
- Large handles fit over the shoulder for easy transport
- Convenient zipper pocket for accessory storage



Cat. No.	Included	Overall Length	Weight
56326	(2) 1/4" (6.4 mm) Diameter 6 ft. (1.8 m) Lo-Flex and (2) 1/4" (6.4 mm) Diameter 4 ft. (1.2 m) Lo-Flex Fish Rods, (3) 3/16" (4.8 mm) Diameter 5 ft. (1.5 m) Mid-Flex Glow Rods, (3) 5/32" (4 mm) Diameter 6 ft. (1.8 m) Hi-Flex Glow Rods, (1) Hook, (1) Bullet Nose, and (1) Carrying Case	75" (1905.0 mm)	3.8 lbs. (1.72 kg)

## Illuminated Fish Rod Tip

- Lights up for maximum visibility in dark spaces
- Bright white, omni-directional LED light for long life
- Threaded top for hook or bullet nose attachment (not included)
- Fits drilled holes as small as 5/8" (16 mm)
- Compatible with Lo, Mid and High flex rods
- Replaceable batteries included
- U.S. Pat. No. 9,062,834



Cat. No.	Description	Dimensions	Weight
56119	Illuminated Fish Rod Tip	2.5" L x 37/64" Diameter (63.5 mm L x 14.7 mm Diameter)	5.0 oz. (142 g)

## Fish Rod Accessories

- Attachments help guide, grab, attach and steer wire or cable
- Compatible with Lo, Mid and High flex rods



Cat. No.	Description	Included	Weight
56104	3 Piece Fish and Glow Rod Attachment Set	(1) Whisk Attachment (1) Bullet Nose Attachment (1) Hook Attachment	0.2 oz. (5.7 g)





## Wire Pulling Tools

### WireSpanner™ - Telescopic Pole 18'

**SUPER ROD® SERIES**



- Extends to 18' (5.4 m) in 10 seconds
- Easily retrieve cable from a distance without needing an extra pair of hands to shorten installation time
- Large hook attachment pulls multiple wires easily
- Friction-twist lock pole design stays locked in place
- Lightweight resin slides easily over obstructions
- Compact design retracts to 32" (813 mm) for easy storage

SRS56036

Cat. No.	Compact Length	Extended Length	Weight
SRS56036	32" (812.8 mm)	18 ft. (5.5 m)	2.8 lbs. (1.27 kg)

### Polymer Fish Rod Set with Glow-in-the-Dark Leaders

**SUPER ROD® SERIES**

- Non-conductive rods designed for working in confined spaces
- Great for routing cables in wire racks and on short runs
- Attachments glow in the dark for ease of use
- Includes 14" (356 mm) rods of various flexibilities and illumination for a range of individual (or 56" (1.4 m) combined) wire pulling applications
- Includes five Glow-in-the-Dark leaders (hook, bullet, mini-eyelet, domed-eyelet and claw)
- Convenient storage tube protects the rods between use and fits easily into your bag or toolbox



SRS56038

5 Attachments Included



Hook Bullet Mini-Eyelet Domed-Eyelet Claw

Cat. No.	Extended Length	Weight
SRS56038	56" (1.4 m)	4.0 oz. (113 g)

### Magnetic Wire Pulling System

- This system allows you to effortlessly pull cable behind walls by yourself
- Navigates through insulation and other obstructions
- Perfect for routing cable between drywall and insulation or fixture installations
- Swivel leader eyelet securely connects to most wires and mesh wire pulling grips
- Non-marring nylon leader-pull with 20' (6.1 m) of heavy-duty nylon rope eyelet for wire tie-on



SRS56037

Cat. No.	Length	Weight
SRS56037	20 ft. (6.1 m)	6.4 oz. (181 g)



## Wire Pulling Lubricant

### Wire Pulling Foam Lubricant

- **NO DRIPS! NO STAINS! NO MESS!**
- One can equals one gallon or 4 quarts of wax/gel lubricants\*
- Foam lubricant is applied directly into the conduit. No need to pre-coat wires
- No mess formula stays where it is applied, even in vertical conduit
- Dissolves clean from hands and clothing



Cat. No.	Description	Weight
51100	Wire Pulling Foam Lubricant	1.2 lbs. (0.54 kg)

\*Based on job site pulls with foam in 3/4" conduit when used as directed.



51100

**⚠ WARNING:**

- Contents under pressure. Do not expose container to direct sunlight or temperatures above 120°F. Do not transport or store near heat sources. Keep cans dry and away from sources of ignition. If frozen, gradually warm to room temperature.
- Do not use wet product on live circuits. Compound is electrically conductive before it dries.

See page 310 for additional information on warnings.



## Wire Pulling Lubricant

### One-Quart Premium Synthetic Clear™

- Designed for use primarily in finished workspaces (i.e. around painted walls and carpeted floors)
- The crystal clear formulation is easy to clean-up and will not stain
- Excellent all purpose lubricant for electrical or datacom applications
- Compatible with most types of cable jackets
- Will not separate out in hot environments for when exposed to freezing temperatures

Cat. No.	Size	Container	Temperature Range	Weight
51028	1 Quart (0.9 L)	Squeeze Bottle	20° F to 122° F (-6° C to 50° C)	2.3 lbs. (1.04 kg)

US LISTED  
Wire Pulling Lubricant 842F



51028

### Premium Synthetic Wax™

- High performance lubricant for general electrical and utility applications
- Temperature stable and does not liquify and drop off after high temperature exposure
- Compatible with most types of cable, including low density polyethylene
- Superior "clingability" coats wires and conduit evenly
- Exceptional lubricity
- Non-staining, slow-drying, easy clean-up formula

US LISTED  
Wire Pulling Lubricant 842F

Cat. No.	Size	Container	Temperature Range	Weight
51010	1 Quart (0.9 L)	Squeeze Bottle	20° F to 122° F (-6° C to 50° C)	2.3 lbs. (1.04 kg)
51012	1 Gallon (3.8 L)	Bucket	20° F to 122° F (-6° C to 50° C)	8.8 lbs. (3.99 kg)
51013	5 Gallon (18.9 L)	Bucket	20° F to 122° F (-6° C to 50° C)	44.0 lbs. (19.96 kg)
56117	1 Quart (0.9 L)	Squeeze Bottle - 6 Pack	20° F to 122° F (-6° C to 50° C)	13.5 lbs. (6.12 kg)



51010



51012

### Premium Synthetic Polymer™

- Excellent all-purpose lubricant for electrical, telecommunications and data applications
- Easy-to-apply gel evenly clings instantly to the cable for easy handling and application
- Compatible with most types of cable, including polyethylene and semi conducting jackets
- Superior "clingability" coats wires and conduit evenly
- Non-staining, slow-drying, easy clean-up formula

US LISTED  
CERTIFIED TO CSA  
STANDARD C22.2 NO. 249-96

Cat. No.	Size	Container	Temperature Range	Weight
51015	1 Quart (0.9 L)	Squeeze Bottle	20° F to 140° F (-6° C to 60° C)	2.3 lbs. (1.04 kg)
51017	1 Gallon (3.8 L)	Bucket	20° F to 140° F (-6° C to 60° C)	8.8 lbs. (3.99 kg)
51018	5 Gallon (18.9 L)	Bucket	20° F to 140° F (-6° C to 60° C)	44.0 lbs. (19.96 kg)



51015



51017

## Wire Pulling Supplies

### Poly Pull Line

- Use polypropylene line with manual or power fishing systems for light duty cable or rope pulling applications
- Ready to use storage containers quickly dispense a tangle free line and also protects line from direct sunlight
- Line is resistant to rot and mildew
- Up to 210 lbs. (95.2 kg) average breaking strength

Cat. No.	Description	Container	Weight
56108	Poly Pull Line with Orange Tracer 500'	One-Quart Size w/Locking Lid	1.0 lbs. (0.45 kg)
56110	Poly Pull Line with Orange Tracer 6500'	Five-Gallon Bucket	11.0 lbs. (4.99 kg)



56108



56110



## Conduit Tools

### Conduit Locknut Wrench

- Easily attach locknuts in tight or deep cut-in boxes
- For 1/2" and 3/4" connectors
- Direct-drive heads rotate each other when twisted
- Heavy-duty steel construction enables needed torque to loosen or tighten connectors
- Perfect for remodel work where box is filled with existing wires



56999



US Patent pending

Cat. No.	Fitting Size	Overall Length	Weight
56999	1/2" and 3/4"	9" (228.6 mm)	11.2 oz. (318 g)

### High-Leverage Side-Cutting Pliers - Fish Tape Pulling

#### Additional Features:

- Easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design
- Cat. No. J2000-9NECRTP crimps non-insulated connectors, lugs, and terminals



D213-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D213-9NETP	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
<b>Journeyman™ Series – Dual-material handles</b>									
J213-9NETP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Dark Blue/Black	1.1 lbs. (0.50 kg)
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NETP	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.1 lbs. (0.50 kg)
<b>Journeyman™ 2000 Series* – Dual-material handles</b>									
J2000-9NETP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)
J2000-9NECRTP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Blue/Black	1.1 lbs. (0.50 kg)

\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

### Conduit Locknut and Reaming Pliers

- Tightens 1/2" (13 mm) and 3/4" (19 mm) EMT or 1/2" (13 mm) rigid locknuts
- Fits liquid tight fittings and caps
- Reams and deburrs both inside and outside of conduit
- Knurled jaws at nose tip pull wire or fish tape
- Machined nose fits snugly into locknut wings



D333-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D333-8	7-3/4" (196.9 mm)	1-5/8" (41.3 mm)	15/16" (23.8 mm)	1/2" (12.7 mm)	3/16" (4.8 mm)	Plastic-Dipped	Yellow	8.8 oz. (249 g)

### Conduit-Fitting and Reaming Screwdriver

- Hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach conduit fittings. Thicker hood is designed for rugged use
- Reams and smooths 1/2" (13 mm), 3/4" (19 mm), and 1" (25 mm) thin-wall conduit ends to protect wire and permit correct installation of fittings
- Reams both the inside and outside of the conduit at the same time
- Longer Cushion-Grip handle provides comfort and more torque for reaming
- Replaceable reaming blade is now held in place with a 1/6" (1.5 mm) set screw



85191

Cat. No.	Tip Size	Shank Length	Overall Length	Weight
85191	5/16" (7.9 mm)	2-1/2" (63.5 mm)	7-1/2" (190.5 mm)	8.0 oz. (227 g)
19353	Conduit Reamer Replacement Blade			0.16 oz. (4.5 g)

See page 310 for additional information on warnings.



# Conduit Benders

**Exclusive design** reduces rippling and ovaling of conduit

**The traditional Benfield® head design**

accurately and consistently performs common bends such as Stub Ups, Offsets, Back-to-Back and Saddle Bends

**Wide foot pedal** provides excellent stability, leverage and comfort

**Interior clamp** securely holds conduit while cutting with hacksaw

**Interior hook surface** prevents conduit from rolling or twisting during bends

**Easily visible arrow** for ease of alignment on conduit marks

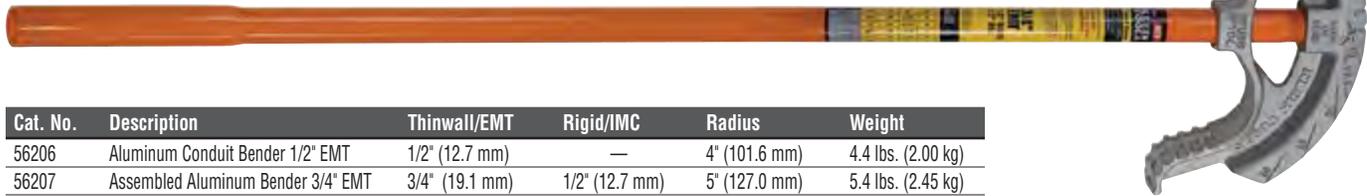
**Bold cast-in symbols**, degree scales, multiplier scales and center of bend marks help save time on the job



## Aluminum Conduit Benders

**Additional Features:**

- Lightweight die-cast aluminum construction
- Both Cat. Nos. 56206 and 56207 come assembled with #51427 handle



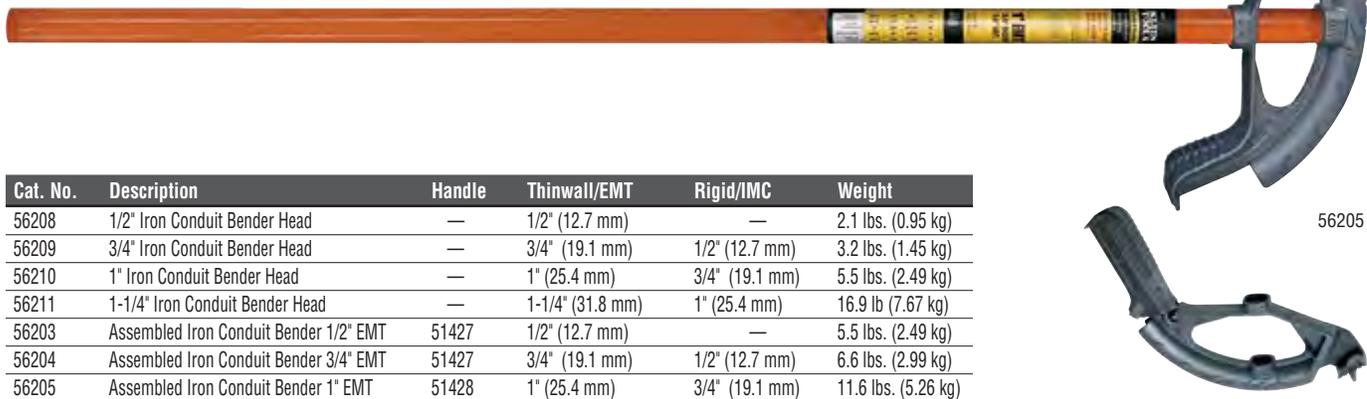
56207

Cat. No.	Description	Thinwall/EMT	Rigid/IMC	Radius	Weight
56206	Aluminum Conduit Bender 1/2" EMT	1/2" (12.7 mm)	—	4" (101.6 mm)	4.4 lbs. (2.00 kg)
56207	Assembled Aluminum Bender 3/4" EMT	3/4" (19.1 mm)	1/2" (12.7 mm)	5" (127.0 mm)	5.4 lbs. (2.45 kg)

## Iron Conduit Benders

**Additional Features:**

- High strength steel handle features a swaged end for inserting conduit to correct overbends (Cat. Nos. 56203 & 56204 only)
- Bright orange color handle is easy to spot on the jobsite



56205

56211

Cat. No.	Description	Handle	Thinwall/EMT	Rigid/IMC	Weight
56208	1/2" Iron Conduit Bender Head	—	1/2" (12.7 mm)	—	2.1 lbs. (0.95 kg)
56209	3/4" Iron Conduit Bender Head	—	3/4" (19.1 mm)	1/2" (12.7 mm)	3.2 lbs. (1.45 kg)
56210	1" Iron Conduit Bender Head	—	1" (25.4 mm)	3/4" (19.1 mm)	5.5 lbs. (2.49 kg)
56211	1-1/4" Iron Conduit Bender Head	—	1-1/4" (31.8 mm)	1" (25.4 mm)	16.9 lb (7.67 kg)
56203	Assembled Iron Conduit Bender 1/2" EMT	51427	1/2" (12.7 mm)	—	5.5 lbs. (2.49 kg)
56204	Assembled Iron Conduit Bender 3/4" EMT	51427	3/4" (19.1 mm)	1/2" (12.7 mm)	6.6 lbs. (2.99 kg)
56205	Assembled Iron Conduit Bender 1" EMT	51428	1" (25.4 mm)	3/4" (19.1 mm)	11.6 lbs. (5.26 kg)





## Conduit Bender Handles

### Bender Handles



- Available in multiple sizes and lengths and are compatible with all Klein Tools conduit bender heads
- High-strength steel eliminates flex and provides excellent feel, control and leverage
- Handle features an enlarged diameter hollow end for inserting conduit to correct overbends (Cat. No. 51427)
- Bright orange color is easy to spot on the jobsite



51427

Cat. No.	Description	Item	NPT Tap Size	Length	Fits	For Use With	Weight
51427	Conduit Bender Handle for 1/2", 3/4"	Conduit Bender Handle	3/4" (19.1 mm)	38" (965.2 mm)	1/2" and 3/4" Bender Heads	56208 and 56209	3.5 lbs. (1.59 kg)
51428	Conduit Bender Handle for 1" Heads	Conduit Bender Handle	1" (25.4 mm)	44" (1117.6 mm)	1" Bender Head	56210	6.0 lbs. (2.72 kg)
51429	Conduit Bender Handle for 1-1/4" Heads	Conduit Bender Handle	1-1/4"	54" (1371.6 mm)	1-1/4" Bender Head	56211	8.9 lbs. (4.04 kg)

## Armored Cable Cutter

### BX and Armored Cable Cutter

- Cuts BX and 3/8" armored cable
- Eliminates burrs
- Does not nick cable
- Easily cuts 3/8" flexible conduit and #10, 12, and 14 armored cables with up to 4 wires with a couple of turns of the handle
- Depth of cut adjusts between standard MC and reduced diameter MC
- Extra blade storage in handle
- Use with Klein Tools replacement blade Cat. No. 53726-SEN



53725

Cat. No.	Length	Weight
53725	7-1/4" (184.2 mm)	2.0 lbs. (0.91 kg)

#### Replacement Parts

Cat. No.	Description	For Use With	Weight
53726SEN	BX Cutter Replacement Blade	Klein Tools Cable Cutter 53725	1.6 oz. (45 g)

## Conduit Scoring Tool

### Electrician's Conduit Scoring Tool

- Durable zinc cast scoring tool eliminates spiraling
- Used for scoring 1/2", 3/4" and 1" EMT conduit
- Klein-designed, patented scoring wheel scores and allows clean conduit snaps without leaving burrs inside
- 1" scoring wheel conveniently located in base of the handle; no tools required to replace scoring wheels
- Four roller tracks specifically designed for professional use
- Compact, enclosed design for use on job sites



88906

Cat. No.	Length	Conduit Diameter	Weight
88906	6" (152.4 mm)	Scores 1/2", 3/4" and 1" (12.7 mm, 19.1 mm and 25.4 mm) EMT Conduit	1.3 lbs. (0.59 kg)

#### Replacement Parts

Cat. No.	Description	Weight
88907	1/2", 3/4" EMT Replacement Scoring Wheel	0.3 oz. (8.5 g)
88908	1" EMT Replacement Scoring Wheel	0.3 oz. (8.5 g)



88907

88908



## PVC-Cutters

### PVC-Cutter

- Cuts up to 3/4" schedule 40 PVC
- Makes clean burr-free cuts in PVC and flexible pipe
- Reversible blade doubles life
- Cuts 1-3/8" outer diameter flexible plastic pipe
- Steel construction for strength
- Guide helps cut pipe squarely
- Handle latch keeps tool closed



50506-SEN

Cat. No.	PVC Cutting Capacity	Non-metallic Tubing Cutting Capacity	Length	Weight
50506SEN	3/4" (19.1 mm) Schedule 40	1" (25.4 mm)	8-1/2" (215.9 mm)	1.0 lbs. (0.45 kg)
Replacement Parts				
Cat. No.	Description	Length	Weight	
50549	Replacement Blade for Cat. No. 50506	3-1/4" (82.6 mm)	1.3 oz. (37 g)	



### Ratcheting PVC-Cutters

- Provide straight cuts 1/2"-2" I.D. (13 mm-51 mm) O.D. 5/8" - 2-1/2" (16 mm-64 mm) of white and gray schedule 40 and 80 PVC
- Quick, one-handed blade release
- Ratchet action allows easy, one-hand cutting
- No tools required for instant blade change
- Replacement blade and pin available



50031

Cat. No.	PVC Cutting Capacity	Length	Weight
50031	O.D. 5/8" to 1-5/8" (15.9 to 41.3 mm); I.D. 1/2" to 1-1/4" (12.7 to 31.8 mm)	9" (228.6 mm)	1.1 lbs. (0.50 kg)
50034	O.D. 5/8" to 2-1/2" (15.9 to 63.5 mm); I.D. 1/2" to 2" (12.7 to 50.8 mm)	11" (279.4 mm)	1.3 lbs. (0.59 kg)
Replacement Parts			
Cat. No.	Description	Length	Weight
50032	Blade for Ratcheting PVC Cutter	4" (101.6 mm)	3.0 oz. (86 g)
50035	Blade for Large Capacity PVC Cutter	4" (101.6 mm)	3.0 oz. (86 g)
50033	Replacement Retaining Pin for PVC Cutter	2-3/8" (60.3 mm)	0.1 oz. (2.7 g)



50032

50033

**WARNING:** Do NOT cut cold PVC.

**WARNING:** Do NOT use to cut metallic pipes, cable or wire.



# Personal Protective Equipment and Safety Products

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Klein Tools provides personal protective equipment and safety products to help guard against a wide variety of occupational hazards.



For Professionals...  
Since 1857™

# Protective Eyewear

**Impact resistant polycarbonate lenses** block greater than 99.9% of harmful UVA and UVB radiation up to 400 nanometers.

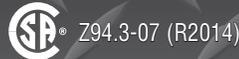
Permanently bonded **Uvextreme® anti-fog coating** with anti-scratch, anti-static and UV protection properties.

**Adjustable spatulite temples** provide a comfortable customized fit.

**Temple-end holes** for easy lanyard attachment.

**Wrap-around lens with integrated side shields** provides a clear, unobstructed field of vision and superior coverage.

Meets the traffic signal color recognition requirements of **ANSI Z80.3-1996**.



**Lens Color**



Uvextreme® and Spectrum Control Technology® (SCT®) are registered trademarks of Sperian Eye & Face Protection, Inc.  
\*SCT® = Spectrum Control Technology



## Protective Eyewear - Standard

**Additional Features:**

- Meets military Vo ballistic test for impact
- Soft elastomer brow-guard absorbs, diffuses and deflects impact energy
- Soft flexible fingers adjust and conform to most nasal profiles reducing slippage
- Three position ratchet lens inclination adjusts for a custom fit and unsurpassed comfort
- Lens designed to follow the contour of the cheekbone and create a "zone of protection"
- Dual 9-base wrap-around lens provides uncompromised peripheral vision
- Unique ventilation channel delivers an outstanding level of moisture and fog control



60053

Cat. No.	Frame Color	Lens Color	Environment	Light Intensity	True Color Recognition	Visual Light Transmitted	IR Absorption	Blue Light Transmittance	Accidental Arc Protection	Weight
60046	Black	Dark Gray	Outdoor	Normal to Bright	Yes	10%	60%	—	No	2.4 oz. (68 g)
60047	Black	SCT Gray	Outdoor	Normal to Bright	Yes	15%	>85%	< 7%	Yes	2.4 oz. (68 g)
60049	Black	Amber	Indoor/Outdoor	Normal to Low	No	90%	—	—	No	2.4 oz. (68 g)
60053	Black	Clear	Indoor	Normal to Low	Yes	92%	—	—	No	2.4 oz. (68 g)
60054	Royal Blue	Clear	Indoor	Normal to Low	Yes	92%	—	—	No	2.4 oz. (68 g)
60055	Black	Espresso	Outdoor	Normal to Bright	Yes	15%	60%	< 3%	No	2.4 oz. (68 g)

## Protective Eyewear - Frameless

**Additional Features:**

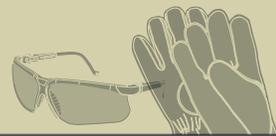
- Meets military Vo ballistic test for impact (7x greater than ANSI)
- Secure wrap-around brow expands to fit a wide range of users
- Ultra lightweight design offers ultimate comfort at less than one ounce
- Proprietary Floating Lens offers increased flexibility in fit
- Soft temple tip pads provide a comfortable and secure fit
- Does not have lanyard holes



60056

Cat. No.	Frame Color	Lens Color	Environment	Light Intensity	True Color Recognition	Visual Light Transmitted	IR Absorption	Blue Light Transmittance	Accidental Arc Protection	Weight
60056	Black	Clear	Indoor	Normal to Low	Yes	92%	—	—	No	2.6 oz. (73 g)
60057	Black	Espresso	Outdoor	Normal to Bright	Yes	15%	0.72 lbs. (0.33 kg)	< 3%	No	2.6 oz. (73 g)





## Personal Protective Equipment

### Knee Pads

**NEW!**

- Five layers of impact resistant material for protection and comfort
- For comfort: an inner fabric layer of neoprene, an over-sized impact-absorbing gel layer, a molded polyurethane foam layer
- For protection: a super-tough 600d outer fabric layer, a protective outer shell with stabilizing non-slip surface
- Single strap doesn't bunch behind your leg
- Quick-fasten buckle
- Knee pads are sold in pairs



55629

Cat. No.	Height	Width	Depth	Weight
55629 <b>NEW!</b>	9-1/2" (241.3 mm)	7-1/2" (190.5 mm)	3-1/2" (88.9 mm)	1.2 lbs. (0.54 kg)

### Full Face Shield

- Free-floating ratchet head gear with full-tension adjustment and sweat band for added comfort
- High-impact, full-front cap and chin guard for extra protection
- Anti-warp design resists dimensional distortion from heat and moisture
- Big window extends past ears, providing wide-angle protection
- Window is made of clear, tough acetate
- Meets ANSI Z87.1+ 2010 and CSA Z94.3-07 (R2014)

Cat. No.	Description	Window Dimensions	Weight
60060	Full Face Shield for Hard Caps	19-1/2" W x 6-1/2" H (495.3 mm x 165.1 mm)	1.5 lbs. (0.68 kg)



60060

### Disposable Dust Masks

- Comfortable, full-size mask keeps dust out, lets air in freely for dependable protection and easy breathing
- For use around grinding and sanding operations, drilling in plaster or cement, cleaning dusty areas, and similar applications
- Double-absorbent filter material is non-allergenic
- Elastic band and soft, flared edges make for a comfortable fit
- Metal nosepiece conforms to fit snugly around facial contours
- Mask stands out away from nose and mouth, and won't collapse when wet from use or humidity

Cat. No.	Description	Weight
60080	Disposable Dust Mask	0.16 oz. (4.5 g)



60080

**WARNING:** These masks are NOT SUITABLE for use against toxic or hazardous air contaminants. If there is any doubt, consult an industrial hygienist.

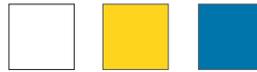


## Hard Hats and Accessories

### Hard Caps and Accessories

- High-density polyethylene hard caps meet ANSI Z89.1-2003 specifications for Class E
- Unique nape strap holds hat firmly in place
- Washable, shrink-and stretch-proof straps and bands
- Porous brow pad promotes ventilation for comfort
- Standard size fits head sizes 6 - 8
- Full 6-point ratcheting suspension
- Headband clips help hold goggles in place over eyes or on front of cap
- Rain trough helps keep neck dry
- Slots at sides for attaching Cat. No. 60060 face shield and other protective gear require a universal slot adapter

Available in three colors



60010

Cat. No.	Description	Weight
60009	Standard Hard Cap, White	13.6 oz. (386 g)
60010	Standard Hard Cap, Yellow	13.6 oz. (386 g)
60011	Standard Hard Cap, Blue	13.6 oz. (386 g)
<b>Hoodliner</b>		
60015	Winter Liner for Standard Hard Caps	2.4 oz. (68 g)
<b>Face Shield</b>		
60060	Full Face Shield for Hard Caps	1.5 lbs. (0.68 kg)

### V-Gard® Hats

- Polyethylene shell with 4-point Fas-Trac® ratcheting suspension
- Standard size fits head sizes 6 - 8
- Two branding choices: plain front and Klein Tools Lineman Logo
- Type I helmet meets or exceeds ANSI Z89.1-2009 and CSA Z94.1-2005 specifications for Class E
- Third Party Certified by Safety Equipment Institute

V-Gard® and Fas-Trac® are registered trademarks of Mine Safety Appliances Company.

Available in two colors



60031

Cat. No.	Color	Weight
60028	White	15.2 oz. (431 g)
60030	Blue	15.2 oz. (431 g)
60031	White w/Lineman Logo	15.2 oz. (431 g)

All V-Gard® helmet backs contain the Klein logo with American flag (shown on blue hard hat above). Logo color varies depending on shell color.

### Advance® Cap

- Vented style provides cooling vents for improved air circulation and comfort
- Glaregard™ under the brim reduces reflective glare
- Lateral contours above the ear for easy integration of hearing protection
- Polyethylene shell with 4-point Fas-Trac® ratcheting suspension
- Lightweight design for added comfort
- Standard size fits head sizes 6 - 8
- Branding: Plain front with Klein Tools Logo and American Flag on the back of the cap
- Type I helmet meets or exceeds ANSI Z89.1-2003 and specifications for Class C
- Third Party Certified by Safety Equipment Institute

Available in two colors



60027

Cat. No.	Color	Weight
60025	White	13.4 oz. (381 g)
60027	Blue	13.4 oz. (381 g)

Glaregard™ is a trademark of, and Advance® is a registered trademark of Mine Safety Appliances Company.

### Scope of Z89.1 - 2014 American National Standard for Head Protection

**TYPE I (Top Impact)** Helmets intended to reduce the force of an impact to the top of a wearer's head.

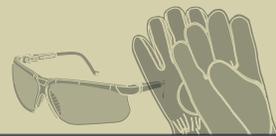
**TYPE II (Top and Lateral Impact)** Helmets intended to reduce the force of an impact resulting from a blow received off-center or to the top of a wearer's head.

#### Electrical Performance

**CLASS E (Electrical)** Helmets intended to reduce the danger of exposure to high-voltage electrical conductors, proof-tested at 20,000 volts.

**CLASS G (General)** Helmets intended to reduce the danger of exposure to low-voltage electrical conductors, proof-tested at 2,200 volts.

**CLASS C (Conductive)** Helmets not intended to provide protection from electrical conductors.



## Safety Products

### Lockouts with Interlocking Tabs

- Specifically designed for locking out power sources such as disconnects, switches, and panel boxes
- Double interlocking hasp of tempered steel with patented interlocking tabs for extra security
- Hasps are bright zinc-plated
- Riveted construction
- Six-hole locking bodies coated with red vinyl plastic
- Holes will accept up to 5/16" (8 mm) diameter shackles

Cat. No.	Closed Hasp I.D.	Weight
45200	1" (25.4 mm)	3.2 oz. (91 g)
45201	1-1/2" (38.1 mm)	4.0 oz. (113 g)



45201

**WARNING:** Use only in accordance with OSHA requirements.

### Barricade and Warning Tapes

- Bold, black lettering on bright, long-lasting color backgrounds
- Yellow background for CAUTION/CAUTION tape
- Red background for CAUTION - BURIED ELECTRIC LINE Tape
- Made of tough, durable (2.5 mil) polyethylene
- Highly resistant to acids, alkalis, and other soil components
- Tapes are 3" (76 mm) wide, and are available in either 200' (61 m) or 1000' (305 m) rolls



58000

Cat. No.	Description	Legend	Color	Width	Length	Weight
58000	Caution Warning Tape Barricade 200 ft.	CAUTION	Black on Bright Yellow	3" (76.2 mm)	200 ft. (61.0 m)	14.4 oz. (408 g)
58001	Caution Warning Tape Barricade 1000 ft.	CAUTION	Black on Bright Yellow	3" (76.2 mm)	1000 ft. (305 m)	3.6 lbs. (1.63 kg)
58002	Caution Barricade Warning Tape 200 ft.	CAUTION-BURIED ELECTRIC LINE	Black on Bright Red	3" (76.2 mm)	200 ft. (61.0 m)	12.8 oz. (363 g)
58003	Caution Barricade Warning Tape 1000 ft.	CAUTION-BURIED ELECTRIC LINE	Black on Bright Red	3" (76.2 mm)	1000 ft. (305 m)	3.5 lbs. (1.59 kg)

## Cleaners

### Klein Kleeners™ Hand Cleaning Towels

- Simple and convenient
- Pre-moistened towels
- No rinsing - no drying - no residue
- Powerful, yet gentle, pumice-like cleaning action
- Quickly loosens, dissolves, and absorbs dirt and grease
- Features a natural citrus solvent that's gentler than petroleum-based hand cleaners

Cat. No.	Towel Size	Package Quantity	Weight
51425	9" x 12" (228.6 mm x 304.8 mm)	72	2.5 lbs. (1.13 kg)



51425

**JOURNEYMAN**

**Gloves**

**Wire Pulling Gloves**

- Great gripping ability
- Slim fit for better dexterity
- Touchscreen capability on index finger
- Neoprene wrist closure for comfort

**NEW!**



40233

Cat. No.	Size	Weight
40232 <b>NEW!</b>	Medium	8.0 oz. (227 g)
40233 <b>NEW!</b>	Large	8.0 oz. (227 g)
40234 <b>NEW!</b>	Extra Large	8.0 oz. (227 g)

**High Dexterity Touchscreen Gloves**

- Touchscreen capability on entire palm, all fingers, first knuckles
- Slim fit for extra dexterity
- Comfortable glove for light duty tasks

**NEW!**



40230

Cat. No.	Size	Weight
40229 <b>NEW!</b>	Medium	6.4 oz. (181 g)
40230 <b>NEW!</b>	Large	6.4 oz. (181 g)
40231 <b>NEW!</b>	Extra Large	6.4 oz. (181 g)

**Cut 5 Resistant Gloves**

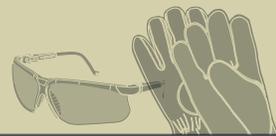
- CE Cut Level 5
- CE Category II - For Intermediate Risk
- TPR on back of hand for extra protection
- Form fitted knit construction to better fit your hand
- Dipped for extra protection
- Neoprene wrist closure for extreme comfort

**NEW!**



40224

Cat. No.	Size	Weight
40223 <b>NEW!</b>	Medium	11.2 oz. (318 g)
40224 <b>NEW!</b>	Large	11.2 oz. (318 g)
40225 <b>NEW!</b>	Extra Large	11.2 oz. (318 g)



## JOURNEYMAN™

## Gloves

### Leather Utility Gloves

- Durable and comfortable
- Open cuff for quick on/off
- DuraHide™ palm and leather first fingers for durability
- Stretch back for extra comfort and flexibility

**NEW!**

Cat. No.	Size	Weight
40226 <b>NEW!</b>	Medium	12.8 oz. (363 g)
40227 <b>NEW!</b>	Large	12.8 oz. (363 g)
40228 <b>NEW!</b>	Extra Large	12.8 oz. (363 g)

DuraHide™ is a trademark of Mechanix Wear, Inc.



40227

### Utility Gloves

- Moisture wicking and breathable TrekDry™ stretch material on top with sponge foam and tricot lining for maximum comfort
- Durable synthetic leather palm
- Reinforced thumb and finger panels add protection and durability
- Wide opening elastic cuff for easy entry

Cat. No.	Size	Weight
40205	Medium	2.1 oz. (59 g)
40206	Large	2.1 oz. (59 g)
40207	Extra-Large	2.1 oz. (59 g)

TrekDry™ is a trademark of Mechanix Wear, Inc.



40206

### Camouflage Gloves

- Mossy Oak® Break-Up Infinity™ pattern
- Moisture wicking and breathable TrekDry™ stretch material on top with sponge foam and tricot lining for maximum comfort
- Reinforced thumb and finger panels add protection and durability
- Single layer, seamless palm made of durable synthetic leather for improved fit and dexterity
- Soft molded rubber closure with hook and loop secures fit

Cat. No.	Size	Weight
40208	Medium	2.7 oz. (77 g)
40209	Large	2.7 oz. (77 g)
40210	Extra-Large	2.7 oz. (77 g)

TrekDry™ is a trademark of Mechanix Wear, Inc.

Mossy Oak® is registered trademark of Haas Outdoors Inc.



40209

See page 310 for additional information on warnings.

**WARNING:** Not flameproof or fire retardant. DO NOT expose to open flame or sparks.

**JOURNEYMAN**

**Gloves**

**"Cold Weather Pro" Gloves**

- Palm and fingers lined with Thinsulate™ C40 with fingertip designed for improved dexterity
- Water resistant nylon back lined with Thinsulate™ C100
- Durable rubberized palm provides water resistance and grip with 2mm EVA foam padding for impact protection
- 5 mm EVA foam knuckle for impact protection and comfort
- Neoprene thumb and cuff for comfort and water resistance
- Molded rubber closure with hook and loop secures fit

Cat. No.	Size	Weight
40211	Medium	4.6 oz. (130 g)
40212	Large	4.6 oz. (130 g)
40213	Extra-Large	4.6 oz. (130 g)

Thinsulate™ is trademark of 3M



40212

**"Grip" Gloves**

- Armortex® rubberized grip on the fingers with reinforced synthetic leather palms and thumb for ample grip in both wet and dry conditions
- D30® padding material in the palm to absorb impact and vibration
- Moisture wicking and breathable TrekDry™ stretch material on top with sponge foam and tricot lining for maximum comfort
- Machine washable
- Flexible yet impact absorbing thermo plastic rubber (TPR) protects the fingers and back of the hand
- Neoprene cuff and soft molded rubber closure with hook and loop secures fit

Cat. No.	Size	Weight
40214	Medium	4.6 oz. (130 g)
40215	Large	4.6 oz. (130 g)
40216	Extra-Large	4.6 oz. (130 g)

Trek Dry™ is a trademark of Mechanix Wear, Inc.

D30® is a registered trademark of Design Blue Limited.

Armortex® is a registered trademark of Nam Liong Enterprise Co. Ltd.



40215

**"Extreme" Gloves**

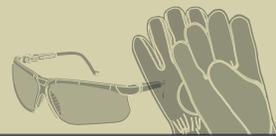
- Flexible yet impact absorbing thermo plastic rubber (TPR) and EVA foam protects the fingers, knuckles and back of the hand
- D30® padding material in the palm to absorb impact and vibration
- Palm and thumb reinforced with synthetic leather for extra durability
- Breathable two-way stretch materials on top with sponge foam and tricot lining for maximum comfort
- Rubberized fingertips for extra grip
- Wrist closure with hook and loop secures fit

Cat. No.	Size	Weight
40217	Medium	5.4 oz. (153 g)
40218	Large	5.4 oz. (153 g)
40219	Extra-Large	5.4 oz. (153 g)

D30® is a registered trademark of Design Blue Limited.



40218



## JOURNEYMAN™

## Gloves

### Leather Gloves

- Genuine professional grade leather offers the finest in protection and comfort
- Flexible yet impact absorbing thermo plastic rubber (TPR) protects the fingers and back of the hand
- Reinforced palm with 2mm EVA foam padding for impact protection
- Moisture wicking and breathable TrekDry™ stretch material on top with sponge foam and tricot lining for maximum comfort
- Machine wash and dry
- Neoprene cuff and soft molded rubber closure with hook and loop secures fit

Cat. No.	Size	Weight
40220	Medium	4.8 oz. (136 g)
40221	Large	4.8 oz. (136 g)
40222	Extra-Large	4.8 oz. (136 g)

TrekDry™ is a trademark of Mechanix Wear, Inc.



40220

## Gloves

### Cowhide Work Gloves

- Premium cowhide, soft and form-fitting for maximum comfort
- Gunn cut with seams away from wear surfaces
- Inseam index finger
- Shirred-elastic wrist back
- Natural light-tan color

Cat. No.	Size	Weight
40021	Medium	3.5 oz. (99 g)
40022	Large	3.7 oz. (104 g)
40023	Extra-Large	3.8 oz. (108 g)

#### Lined – Pile Lining

40016	Medium	5.8 oz. (164 g)
40017	Large	6.1 oz. (173 g)
40018	Extra-Large	6.6 oz. (187 g)



40022

### Cowhide Driver's Gloves

- Tough, durable, sueded cowhide leather
- Easy-action thumb - unique design allows leather to conform to your thumb and hand (Cat. Nos. 40003, 40004, 40006)
- Thermolite® lining for warmth (Cat. Nos. 40014 and 40015)
- Gunn cut with seams away from wear surfaces
- Lap-seam index finger and shirred-elastic wrist back
- Gray color

Cat. No.	Size	Weight
40003	Small	4.8 oz. (136 g)
40004	Medium	6.4 oz. (181 g)
40006	Large	6.9 oz. (196 g)
40014	Large	7.7 oz. (218 g)
40015	Extra-Large	8.2 oz. (231 g)

\*Thermolite® is a registered trademark for INVISTA certified performance fabrics containing proprietary INVISTA fibers and, in some cases, other companion fibers.



40014

See page 310 for additional information on warnings.

**WARNING:** Not flameproof or fire retardant. DO NOT expose to open flame or sparks.

## Gloves

### Medium and Long-Cuff Gloves

- Heavy sueded leather (Cat No. 40008)
- Soft, flexible, top-grain cowhide leather (Cat. Nos. 40010 and 40012)
- Leather fingers, palm, pull, and knuckle strap (Cat. Nos. 40010 and 40012)
- Gunn cut with seams away from wear surfaces
- Wing thumb, seamless index finger, elastic wrist-back strap
- Lined palm and fingers
- Rubberized, waterproof, bell gauntlet cuff 5" (127 mm) long (Cat. Nos. 40010 and 40012)

Cat. No.	Size	Cuff	Weight
40008	Large	Medium	7.7 oz. (218 g)
40010	Large	Long	9.4 oz. (266 g)
40012	Extra-Large	Long	10.9 oz (308 g)



40008

### Lineman Work Gloves

- 4" Neoprene cuff with side vents
- Soft grain leather construction with reinforced leather patches
- Double-row padded knuckle for durability
- Black spandex back with Klein lineman logo patch

Cat. No.	Size	Weight
40080	Medium	7.4 oz. (210 g)
40082	Large	8.2 oz. (231 g)
40084	Extra-Large	8.8 oz. (249 g)
40086	Extra Extra-Large	9.4 oz. (266 g)



40080



### Electrician's Gloves

- Durable construction allows flexibility
- Features slip resistant construction
- Spandex material is breathable and comfortable to wear all day
- Constructed with a reinforced area at the base of the thumb
- Elastic cuff for secure and comfortable fit
- Index fingers are wrapped with slip-resistant material
- Extended cuff for easy on/off

Cat. No.	Size	Weight
40072	Large	7.4 oz. (210 g)
40074	Extra-Large	7.7 oz. (218 g)



40072



### Heavyweight Jersey Gloves

- Soft, comfortable, general-purpose gloves
- Made of 100% cotton jersey
- Knit wrist
- Dark-brown color

Cat. No.	Size	Weight
40002	Fits Most Hand Sizes	2.4 oz. (68 g)



40002

# Tool Pouches, Carriers, Belts and Suspenders

---

Just as Klein offers a variety of tools designed for specific needs, Klein offers a variety of tool pouches, carriers, belts, and suspenders that suit virtually every preference and need.



For Professionals...  
Since 1857™

## Tool Pouches

### 11-Pocket Tool Pouch

- Black leather construction
- Multi-pocketed pouch made for electricians and other professionals
- Stitched and riveted to assure long life
- Stainless steel clip holder accepts most tape clips up to 1-1/4" (32 mm) wide
- Heavy-duty chain tape thong securely fastened with a rivet

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
5167	11	Knife Snap, Chain Tape Thong, Metal Tape Measure Holder	Slotted	2-3/4" (69.9 mm)	10" x 10-1/2" (254.0 mm x 266.7 mm)	1.4 lbs. (0.64 kg)



5167

### 10-Pocket Tool Pouch

- Black leather construction
- Stitched and riveted to assure long life
- Ten separate compartments with places for a wide variety of pliers, screwdrivers, and other tools
- Versatile pouch favored by many telephone installers
- Cat. No. 5190 has slotted-leather tape thong which allows for easy removal of 1" (251.4 mm) I.D. tape rolls

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
5165	10	Knife Snap	Slotted	2" (50.8 mm)	10" x 10" (254.0 mm x 254.0 mm)	1.3 lbs. (0.59 kg)
5190	10	Leather Tape Thong	Slotted	1-3/4" (44.5 mm)	6" x 8-3/4" (152.4 x 222.3 mm)	12.0 oz. (340 g)



5165



5190

### 8-Pocket Tool Pouch

- Black leather construction
- Stitched and riveted to assure long life
- Cat. No. 5178 has heavy-duty chain tape thong securely fastened with a rivet, stainless steel clip holder which accepts most tape clips up to 1-1/4" (31.8 mm) wide, and a roomy pouch for electricians and maintenance workers



5164



5164T



5178

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
5164	8	Knife Snap	Slotted	2" (50.8 mm)	6-3/4" x 9-3/4" (171.5 mm x 247.7 mm)	1.2 lbs. (0.54 kg)
5164T	8	Knife Snap	Tunnel	2-1/2" (63.5 mm)	6-3/4" x 9-3/4" (171.5 mm x 247.7 mm)	1.2 lbs. (0.54 kg)
5178	8	Knife Snap, Chain Tape Thong, Metal Tape Measure Holder	Tunnel	2-1/2" (63.5 mm)	11" x 10" (279.4 mm x 254.0 mm)	1.0 lbs. (0.45 kg)



## Tool Pouches

### 8-Pocket Extra-Capacity Tool Pouch

- Black leather construction
- Extra-capacity multi-purpose pouch
- Stitched and riveted to assure long life

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
5162T	8	Knife Snap, Leather Tape Thong	Tunnel	3" (76.2 mm)	8-1/2" x 10-3/4" (215.9 mm x 273.1 mm)	1.7 lbs. (0.77 kg)



5162T

### 7-Pocket Tool Pouch

- Black leather construction
- Riveted to assure long life
- Heavy-duty chain tape thong securely fastened with a rivet

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
5166	7	Chain Tape Thong	Tunnel	2-1/4" (57.2 mm)	7" x 9-1/2" (177.8 mm x 241.3 mm)	14.7 oz. (417 g)



5166

### 6-Pocket Tool Pouches

- Black leather construction
- Riveted to assure long life

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
5127	6	Knife Snap	Slotted	2" (50.8 mm)	7" x 10" (177.8 mm x 254.0 mm)	12.6 oz. (358 g)
5127T	6	Knife Snap	Tunnel	2-1/2" (63.5 mm)	7" x 10" (177.8 mm x 254.0 mm)	13.9 oz. (395 g)



5127



5127T

### 6-Pocket Nail/Screw and Tool Pouch

- Split-leather construction
- Heavy hammer-loops on both sides, allowing for convenient use by right- or left-handed workers
- Riveted and stitched for extra durability

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
42241	6	2 Hammer Loops	Tunnel	3" (76.2 mm)	11" x 11-3/4" (279.4 mm x 298.5 mm)	13.8 oz. (390 g)



42241

## Tool Pouches

### 5-Pocket Tool Pouch

- Stitched and riveted to assure long life
- General-purpose pouches
- Cat. No. 5125 is constructed of #4 canvas, leather back, pockets and loops
- Cat. No. 5125L is constructed of leather
- Cat. No. 5126 has black leather construction and knife snap
- Cat. Nos. 5125 and 5125L have heavy-duty chain tape thong securely fastened with a rivet



5126



5125



5125L

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
5125	5	Leather Tape Thong	Loops	2-1/4" (57.2 mm)	7-1/2" x 8-1/2" (190.5 mm x 215.9 mm)	10.1 oz. (286 g)
5125L	5	Leather Tape Thong	Loops	2-1/4" (57.2 mm)	7-1/2" x 8-1/2" (190.5 mm x 215.9 mm)	12.0 oz. (340 g)
5126	5	Knife Snap	Slotted	2" (50.8 mm)	6" x 8-3/4" (152.4 x 222.3 mm)	11.8 oz. (36 g)

### Lineman's Pouches

- Black leather construction with double leather back for durability
- Rivet hole for belt connection
- Riveted to assure long life
- Includes knife snap, pockets for pliers, most screwdrivers, 6' (1.8 m) folding rule and open-ended wrenches



5118P4



5118P5

Cat. No.	Pockets	Belt Connection	Dimensions	Weight
5118P4	4	Rivet Hole	8" x 11" (203.2 x 279.4 mm)	14.6 oz. (413 g)
5118P5	5	Rivet Hole	10" x 11" (254.0 mm x 279.4 mm)	1.1 lbs. (0.50 kg)

### 4-Pocket Tool Pouch

- Black leather construction
- Riveted and stitched for extra durability



5119

### 3-Pocket Utility Pouch

- Black leather construction
- Features 1" (25 mm) reinforced gusset
- Has 2" (51 mm) outside pockets
- Riveted for extra durability



5145

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Dimensions	Weight
5119	4	Knife Snap	Slotted	2" (50.8 mm)	6-1/2" x 8-1/2" (165.1 mm x 215.9 mm)	6.2 oz. (176 g)

Cat. No.	Pockets	Belt Connection	Belt Width	Dimensions	Weight
5145	3	Tunnel	1" (25.4 mm)	5-1/4" x 7" (133.4 mm x 177.8 mm)	7.4 oz. (210 g)



## Tool Pouches

### Single-Pocket Tool Pouch

- Black leather construction
- Perfect for carrying pliers and other tools in the hip pocket
- Prevents wear and tearing of clothes, discomfort, and possible injury
- Riveted to assure long life



5111

Cat. No.	Pockets	Dimensions	Weight
5111	1	4-1/2" x 7" (114.3 mm x 177.8 mm)	3.7 oz. (104 g)

### Leather Back Pocket Pouch

- Black leather construction
- Stitched and riveted to assure long life
- Snap loop option for belt
- Six pockets, including scissors pocket on back flap



5481

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5481	Snap Loop	Up to 2" (50.8 mm)	10" H x 5-3/4" W x 2-1/2" D (254 x 146.1 x 63.5 mm)	7.5 oz. (213 g)

### Back Pocket Pouch

- Four pockets, including two open pockets on the front for longer tools such as screwdrivers
- Cordura® ballistic nylon, a high-performance fabric resistant to abrasions, tears and scuffs
- Riveted and stitched for extra durability
- Snap loop option for belt



5482

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5482	Snap Loop	Up to 2" (50.8 mm)	9-7/8" x 5" x 2" (250.8 x 127.0 x 50.8 mm)	4.2 oz. (119 g)

Cordura® is a registered trademark of INVISTA for durable fabrics.

### Nut & Bolt Pouch

- Includes interior pocket
- Top sides of pouch reinforced with leather to maintain shape of pouch opening
- Inside bottom is reinforced with leather and ventilating eyelet
- Metal snaps provided on loops for easy attachment to belts up to 3" (76 mm) wide
- Top edge reinforced with 1/4" (6 mm) rope



51A

Cat. No.	Pockets	Color	Dimensions	Weight
51A	One Interior	Black	9" x 10" x 3-1/2" (228.6 x 254.0 x 88.9 mm)	1.0 lbs. (0.45 kg)

### Right- and Left-Hand Nail and Tool Pouches

- Leather construction
- Large pockets have rolled-over doubled edges for extra-long life
- Tunnel loop fits any belt up to 3" (76.2 mm) wide
- Heavy hammer loops



42246

Cat. No.	Pockets	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight
42245	4	Right Hand Heavy Hammer Loop	Tunnel	Up to 3" (76.2 mm)	11-1/4" x 10-1/2" (285.8 x 266.7 mm)	11.5 oz. (326 g)
42246	4	Left Hand Heavy Hammer Loop	Tunnel	Up to 3" (76.2 mm)	11-1/4" x 10-1/2" (285.8 x 266.7 mm)	11.5 oz. (326 g)

### Leather Bolt Bag

- Split-leather construction
- Bolt bag with bull-pin loop on each side



42247

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
42247	Tunnel	Up to 3" (76.2 mm)	5" x 8-1/2" x 8-1/2" (127.0 x 215.9 x 215.9 mm)	12.0 oz. (340 g)

## Tool Pouches

### Water-Repellent Canvas Pouches

- One-piece tan 12-oz. water-repellent mildew resistant canvas
- Top edge reinforced with 1/4" (6 mm) rope

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5179	Loops	Up to 4-1/2" (114.3 mm)	7-1/2" x 3-1/2" x 7" (190.5 x 88.9 x 177.8 mm)	4.8 oz. (136 g)
5179S	Snap	Up to 4-1/2" (114.3 mm)	7-1/2" x 3-1/2" x 7" (190.5 x 88.9 x 177.8 mm)	4.8 oz. (136 g)



5179S

5179

### All-Purpose Bag

- Soft, pliable cushion leather construction
- Bag is ideal for carrying loose tools and small parts
- Adjustable belt strap for attaching to belts



5146

### Strap-Leather Bag

- Leather construction
- Soft, pliable cushion-leather gussets allow expansion to 3-1/4" (83 mm)
- Ventilating eyelet in bottom



5140K

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5146	Belt Strap	Up to 3" (76.2 mm)	9" x 8" x 3" (228.6 x 203.2 x 76.2 mm)	9.6 oz. (272 g)

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5140K	Latigo Thongs	Up to 3" (76.2 mm)	7" x 9" x 3-1/4" (177.8 x 228.6 x 82.6 mm)	10.4 oz. (295 g)

### Canvas Utility Bag

- Heavy No. 8 natural canvas
- Includes interior pocket (Cat Nos. 5141P and 5142P)
- Inside bottom is reinforced with cushion leather and ventilating eyelet
- Metal snaps provided on loops for easy attachment to belts up to 3" (76 mm) wide
- Top edge reinforced with 1/4" (6 mm) rope

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5141P	Loops	Up to 3" (76.2 mm)	10" x 12" x 5" (254.0 x 304.8 x 127.0 mm)	14.1 oz. (399 g)
5142	Loops	Up to 3" (76.2 mm)	9" x 10" x 8" x 3" (228.6 x 254.0 x 203.2 x 76.2 mm)	9.6 oz. (272 g)
5142P	Loops	Up to 3" (76.2 mm)	9" x 10" x 8" x 3" (228.6 x 254.0 x 203.2 x 76.2 mm)	10.4 oz. (295 g)



5141P

5142



## Tool Pouches

### Canvas Electrode Bag

- Made of tough No. 4 canvas
- Heat-resistant, hard leather bottom
- Cat. No. 5471FR is made of flame-resistant No. 4 canvas, features a flame retardant, hard-leather bottom and meets the performance requirement of NFPA -701
- Web loop for sliding over belt

Cat. No.	Diameter	Front Depth	Back Depth	Weight
5471	2-1/2" (63.5 mm)	12" (304.8 mm)	15-1/2" (393.7 mm)	4.0 oz. (113 g)
5471FR	2-1/2" (63.5 mm)	12" (304.8 mm)	15-1/2" (393.7 mm)	4.0 oz. (113 g)



### Bull-Pin and Bolt Bags

- No. 4 canvas or split-leather, with double bottom
- Cat. No. 5416TFR is made of flame-resistant No. 4 canvas and meets the performance requirement of NFPA - 701
- Bolt bag with bull-pin loop on each side
- Cat. No. 5416OCTO has two D-rings on the front of the pouch and four on the inside to offer plenty of space to connect tethers, and buckle at top for closing



Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
<b>Canvas</b>				
5416	Loops	Up to 3" (76.2 mm)	5" x 9" x 10" (127.0 x 228.6 x 254.0 mm)	13.6 oz. (386 g)
5416T	Tunnel	Up to 3" (76.2 mm)	5" x 9" x 10" (127.0 x 228.6 x 254.0 mm)	14.4 oz. (408 g)
<b>Canvas - Fire Resistant</b>				
5416TFR	Tunnel	Up to 3" (76.2 mm)	5" x 9" x 10" (127.0 x 228.6 x 254.0 mm)	14.4 oz. (408 g)
<b>Canvas - Drawstring Top Closing</b>				
5416TC	Tunnel	Up to 3" (76.2 mm)	5" x 9" x 10" (127.0 x 228.6 x 254.0 mm)	13.9 oz. (395 g)
5416TCP	Tunnel	Up to 3" (76.2 mm)	5" x 9" x 12" (127.0 x 228.6 x 304.8 mm)	1.0 lbs. (0.45 kg)
<b>Canvas - Buckle Top Closing</b>				
5416OCTO	Loop	Up to 3" (76.2 mm)	5" x 9" (127.0 x 228.6 mm)	12.0 oz. (340 g)
<b>White Leather</b>				
5416L	Tunnel	Up to 3" (76.2 mm)	5" x 9" x 10" (127.0 x 228.6 x 254.0 mm)	1.1 lbs. (0.50 kg)

## Tool Combination Aprons

### One-Piece Nail/Screw and Tool Pouch Apron



42242

- Split-leather construction
- Versatile, roomy double-pouch apron for construction workers, carpenters, and other professionals
- Riveted and stitched for extra durability
- Four slots for punches or nail sets
- Two heavy-duty hammer loops
- Double-pouch design allows unrestricted leg movement
- Apron is reinforced throughout with rivets
- The large pockets and nail/bolt pockets have rolled-over, doubled edges for long wear
- Heavy-duty 2" (51 mm) wide polypropylene web belt has rugged adjustable metal buckle

Cat. No.	Pockets	Belt Width	Size	Weight
42242	10	2-1/4" (57.2 mm) Web	32" to 48" (812.8 to 1219.2 mm)	1.8 lbs. (0.82 kg)

### Nail/Screw and Tool Pouch Combinations

- Split-leather construction
- Large pockets have rolled-over doubled edges for extra-long life
- All pouches slide along belt for convenient working position
- Left- and right-hand nail-and-tool pouches with tunnel loop connection
- Heavy-duty 2" (51 mm) wide polypropylene web belt has rugged metal buckle and is adjustable from 32" (812.8 mm) to 48" (1219.2 mm)
- Tape-rule holder for 20' (6 m) and 25' (7.5 m) tape measures with belt clips
- Heavy hammer loops



42244

Cat. No.	Kit Contains	Weight
42244		2.0 lbs. (0.91 kg)

Cat. No.	Description
42245	Right-Hand Nail and Tool Pouch
42246	Left-Hand Nail and Tool Pouch
5225	Adjustable PolyWeb Tool Belt
5195	Medium Tape-Rule Holder

### Electrician's Tool Apron

- Made of heavy-duty canvas
- Deep pockets to fit your tools
- Loops for extra tool storage
- Tape measure holder
- Special pockets for writing utensils
- Riveted to assure long life



42200

Cat. No.	Size	Waist Size	Weight
42200	M/L	32" to 46" (812.8 to 1168.4 mm)	13.8 oz. (390 g)
42201	XL/2XL	38" to 54" (965.2 to 1371.6 mm)	14.9 oz. (422 g)

**WARNING:** The tool belt is not an occupational protective belt.



## Tool Holders

### Pliers, Folding Rule, Screwdriver, and Wrench Holder

- Black leather construction
- No exposed rivets in back
- Riveted to assure long life.
- Pockets for 7" (178 mm), 8" (203 mm) and 9" (229 mm) side-cutting pliers, most screwdrivers, 6' (1.8 m) folding rules, and open-end wrenches from 9/16" to 13/16" (14 mm to 21 mm)
- Nickel plated alloy snap



5118C

Cat. No.	Pockets	Belt Connection	Belt Width	Dimensions	Weight
5118C	4	Slotted	Up to 2" (50.8 mm)	6-1/2" x 11" (165.1 mm x 279.4 mm)	12.5 oz. (354 g)

### Pliers, Rule, and Screwdriver Holders

- Black leather construction
- Three pockets for pliers, folding rule, and screwdriver
- S5118PRS has a two-way knife snap
- Riveted to assure long life
- Pockets for 7" (178 mm), 8" (203 mm) and 9" (229 mm) side-cutting pliers, most screwdrivers, 6' (1.8 m) folding rules, and open-end wrenches from 9/16" to 13/16" (14 mm to 21 mm)



5118PRS

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5118PRS	Slotted	Up to 2" (50.8 mm)	6-3/4" x 10" (171.5 mm x 254.0 mm)	7.8 oz. (222 g)
S5118PRS	Slotted	Up to 2" (50.8 mm)	6-3/4" x 10" (171.5 mm x 254.0 mm)	9.0 oz. (255 g)

### Pliers and Folding Rule Holders

- Leather construction
- Riveted to assure long life
- Pockets for 7" (178 mm), 8" (203 mm) and 9" (229 mm) side-cutting pliers and 6' (1.8 m) folding rule



5118R

5118RT

Cat. No.	Pockets	Belt Connection	Belt Width	Dimensions	Weight
5118R	2	Slotted	Up to 2" (50.8 mm)	4-3/4" x 8" (120.7 x 203.2 mm)	6.9 oz. (196 g)
5118RT	2	Tunnel	Up to 3-3/4" (95.3 mm)	4-1/2" x 12-1/2" (114.3 mm x 317.5 mm)	8.0 oz. (227 g)

### Pliers and Screwdriver Holder

- Black leather construction
- Riveted to assure long life
- Pockets for 7" (178 mm), 8" (203 mm) and 9" (229 mm) and most screwdriver sizes



5118S

Cat. No.	Pockets	Belt Connection	Belt Width	Dimensions	Weight
5118S	2	Slotted	Up to 2" (50.8 mm)	4-1/4" x 10-3/4" (108.0 x 273.1 mm)	5.6 oz. (159 g)

### Pliers Holders-Open Bottom

- Black leather construction
- Riveted to assure long life
- Cat. No. 5107-6 holds 6" (152 mm) or 7" (178 mm) long-nose or diagonal-cutting pliers
- Cat. No. 5107-9 holds 8" (203 mm) or 9" (229 mm) long-nose or diagonal-cutting pliers



5107-6

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5107-6	Slotted	Up to 2" (50.8 mm)	3-1/2" x 8-1/2" (88.9 mm x 215.9 mm)	2.7 oz. (77 g)
5107-9	Slotted	Up to 2" (50.8 mm)	3-3/4" x 11" (95.3 x 279.4 mm)	4.2 oz. (119 g)

### Pliers Holder-Closed Bottom

- Black leather construction
- Nose of pliers does not protrude from closed bottom
- Bottom is vented to prevent collection of dirt or water
- Riveted to assure long life
- Holds 7" (178 mm), 8" (203 mm), and 9" (229 mm) side-cutting pliers



5112

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5112	Slotted	Up to 2" (50.8 mm)	3-1/4" x 11" (82.6 x 279.4 mm)	3.4 oz. (96 g)

## Tool Holders

### Scissors Holder-Tunnel

- Black leather construction
- Cat. No. 5100M is stitched and riveted to assure long life
- Cat. No. 5101 is riveted construction for long life

Cat. No.	Belt Connection	Belt Width	Dimensions	For Use With	Weight
5100M	Tunnel	Up to 2" (50.8 mm)	2" x 8" (50.8 x 203.2 mm)	Klein Cutting Tools (Cat. Nos. 22000, 22001, 22003, 22003 and 22008)	2.4 oz. (68 g)
5101	Tunnel	Up to 1-1/2" (38.1 mm)	2" to 7" (50.8 to 177.8 mm)	Klein Electrician's Scissors (Cat. Nos. 2100-5 and 2100-7)	1.8 oz. (50 g)



### Scissors and Cable-Splicer's Knife Holders

- Black leather construction
- Specially designed to hold a pair of Klein electrician's scissors (Cat. Nos. 2100-5 or 2100-7, 2100-8, 2100-9), and Cat. No. 44200 cable-splicer's knife
- Stitched and riveted to assure long life



5187 5187T

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5187	Slotted	Up to 2-1/4" (57.2 mm)	2" x 7-1/4" (50.8 x 184.2 mm)	1.8 oz. (51 g)
5187T	Tunnel	Up to 2-1/4" (57.2 mm)	2" x 7-1/4" (50.8 mm x 184.2 mm)	2.1 oz. (59 g)

### Cable-Splicer's Knife Holders

- Black leather construction
- Designed to hold Cat. No. 44200 cable-splicer's knife
- Riveted and stitched for long life



5188 5188T

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5188	Slotted	Up to 2-1/4" (57.2 mm)	2-1/8" x 7-3/4" (54 mm x 196.9 mm)	1.3 oz. (37 g)
5188T	Tunnel	Up to 2-1/4" (57.2 mm)	2-1/8" x 7-1/4" (54.0 mm x 184.2 mm)	1.8 oz. (50 g)

### Lineman's Knife Holder

- Black leather construction
- Designed for Klein skinning knives Cat. Nos. 1570-3, 1570-3LR, and 1560-3
- Riveted to assure long life



5163

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5163	Slotted	Up to 2" (50.8 mm)	3-1/2" x 9-3/8" (88.9 mm x 238.1 mm)	3.4 oz. (96 g)

### Knife Holder

- Black leather construction
- Designed for utility knives and Klein Cat. Nos. 44100 and 44105
- Corners riveted and stitched for long life



5185

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5185	Slotted	Up to 2-1/2" (63.5 mm)	2-5/8" x 8-1/4" (66.7 x 209.6 mm)	1.8 oz. (50 g)



## Tool Holders

### Flashlight Holder

- Black leather construction
- Designed for a standard two-cell flashlight
- Riveted to assure long life

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5129	Slotted	Up to 2-1/4" (57.2 mm)	3" x 9-1/2" (76.2 mm x 241.3 mm)	3.5 oz. (99 g)



5129

### Hammer Holders

- Black leather construction
- Heavy-metal hammer loop riveted to panel
- Riveted and stitched to assure long life
- Holds Klein® hammers except lineman's and mining/specialty hammers



5456

5456T

5456TS

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5456	Slotted	Up to 2-1/2" (63.5 mm)	4-5/16" x 7-7/8" (109.5 mm x 200.0 mm)	5.3 oz. (150 g)
5456T	Tunnel	Up to 4" (101.6 mm)	4-5/16" x 10" (109.5 x 254.0 mm)	6.7 oz. (191 g)
5456TS	Tunnel	Up to 4" (101.6 mm)	4-5/16" x 10" (109.5 x 254.0 mm)	6.7 oz. (191 g)

### Bull-Pin Holders

- Leather construction
- Riveted to assure long life
- Holds all standard bull pins



5417

5417T

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5417	Slotted	Up to 2" (50.8 mm)	3-1/4" x 11" (82.6 x 279.4 mm)	3.5 oz. (99 g)
5417T	Tunnel	Up to 3-1/2" (88.9 mm)	3-1/4" x 12-1/4" (82.6 x 311.2 mm)	5.1 oz. (145 g)

### Tape Measure Holders

- Leather construction
- Cut-out sides for easy access to tape
- Slotted for attaching to belts up to 2-1/2" (63 mm) wide
- Riveted to assure long life



5195

Cat. No.	Description	Dimensions	Weight
5194	Small Tape Measure Holder	4" x 6" (101.6 x 152.4 mm)	2.6 oz. (73 g)
5195	Medium Tape Measure Holder	4-1/2" x 7" (114.3 mm x 177.8 mm)	2.9 oz. (82 g)
5196	Large Tape Measure Holder	5" x 7" (127.0 mm x 177.8 mm)	3.4 oz. (96 g)

#### Klein Tape Measure Sizing Guide

Tape Measure	Holder Cat. No.	Description
86216, 86315	5195	Medium Leather Pouch
86125, 86225, 86375	5196	Large Leather Pouch
86230	5196	Large Leather Pouch

### Erection Wrench Holders



5459T

5460

5461T

- Leather construction
- Has tool slots for two erection wrenches
- Cat. No. 5461T has cotton web tunnel loop
- Tunnel loop on Cat. No. 5459T and 5461T is riveted to assure long life
- Holds erection wrenches and adjustable head construction wrench Cat. No. 3239

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5459T	Tunnel	Up to 3-1/2" (88.9 mm) or to Slide Over D-Rings, Buckles, and Other Accessories	6" x 9-1/2" (152.4 x 241.3 mm)	5.1 oz. (145 g)
5460	Slotted	Up to 2" (50.8 mm)	6" x 8-1/2" (152.4 x 215.9 mm)	3.0 oz. (85 g)
5461T	Cotton Web Tunnel	Up to 2" (50.8 mm)	6" x 10" (152.4 x 254.0 mm)	4.2 oz. (119 g)

**Tool Holders**

**Tie-Wire Reel Pad**

- Worn on the belt under the Klein® tie-wire reel (Cat. No. 27400)
- Made of 3/16" (5 mm) thick rigging leather
- Slots accommodate belts up to 2" (51 mm) wide
- Underside has a sponge-rubber pad to minimize hip fatigue



27450

Cat. No.	Length	Width	Weight
27450	7" (177.8 mm)	7" (177.8 mm)	4.8 oz. (136 g)

Tie-wire reel and ironworker's heavy-duty tie-wire belts also available.

**Connecting Bar Holder with Lock Collar**

- Lock Collar fits Klein® 7/8" (22 mm) connecting bars (Cat. Nos. 3246 and 3248)
- Leather construction
- Tunnel loop allows for weight distribution on belt
- Fits belts up to 3-1/2" (89 mm) wide
- Replacement lock collar (Cat. No. 5459C) is available



5459C



5459SLVR

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5459SLVR	Tunnel	Up to 3-1/2" (88.9 mm)	3" x 6-3/4" (76.2 mm x 171.5 mm)	3.2 oz. (91 g)

**WARNING:** Lock collar should ONLY be used on Klein 7/8" connecting bars. Lock collar must be installed on connecting bar before using holder.

**Tape Thong**

- Leather strap with fiber bar
- Fits all standard electrical tape rolls

Cat. No.	Belt Connection	Length	Weight
5130	Slotted	12" (304.8 mm)	0.5 oz. (14 g)



5130

**Snap Loop**

- Black leather construction
- Designed for tools with hang holes
- Loop with snap hook for carrying an adjustable wrench, welder's igniter or other tool with hang hole
- Riveted to assure long life

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5458	Slides On	Up to 4" (101.6 mm)	1-1/2" x 8-1/2" (38.1 mm x 215.9 mm)	2.4 oz. (68 g)



5458

**Two-Way Snap**

- Black leather construction
- Screw-type rivets for easy attachment to belts

Cat. No.	Belt Connection	Length	Weight
5131	Screw Rivets	4-1/2" (114.3 mm)	1.6 oz. (45 g)



5131

**Tool Guards**

**Axe Guard**

- Protect both tool and user with a Klein guard for your edged tools
- Made of 1/16" (1.6 mm) vulcanized hard fiber, securely riveted and equipped with adjustable web straps to hold the tool



5509

Cat. No.	Description	Weight
5509	Axe Guard	3.5 oz. (99 g)

**Splitting-Knife Guards**

- Leather construction



5574L



5574S

Cat. No.	Description	For Use With	Weight
5574L	Splitting Knife Guard Large	Klein Knife, Cat. No. 1515-1	2.1 oz. (59 g)
5574S	Splitting Knife Guard Small	Klein Knife, Cat. No. 1515-S	0.8 oz. (23 g)



## TRADESMAN PRO™

### Electrician's Tool Belt



55427

Drill bit pocket

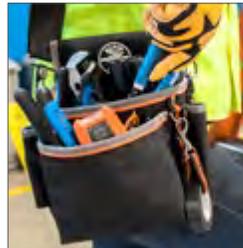
- 26 pockets for easy tool storage
- Wide open pockets for tools, drills and spare parts
- Removable pouches allow you to carry only the tools needed
- Handles for easy carrying
- Loop tape measure holder
- Padded belt with mesh interior is breathable and comfortable
- Rugged leather belt ends
- Attachments for Tradesman Pro™ padded suspenders (Cat. No. 55400)

Cat. No.	Description	Waist Size	Weight
55427	Tradesman Pro Electricians Tool Belt, M	31" to 34" (787.4 to 863.6 mm)	4.2 lbs. (1.91 kg)
55428	Tradesman Pro Electricians Tool Belt, L	35" to 39" (889.0 to 990.6 mm)	4.2 lbs. (1.91 kg)
55429	Tradesman Pro™ Electricians Tool Belt, XL	40" to 44" (1016.0 to 1117.6 mm)	4.3 lbs. (1.95 kg)

**WARNING:** This is NOT an occupational protective belt. NOT for fall arrest or back support.

### 15-Pocket Tool Pouch

- Heavy duty reinforced bottom
- Features multiple pockets of various sizes, plus a tape thong
- Great for carrying a mix of tools and job site consumables
- Includes a padded shoulder strap for easy carrying to use without a belt
- Tunnel loop fits 2 inch (50.8 mm) belts



5243

Cat. No.	Width	Height	Depth	Weight
5243 <b>NEW!</b>	10" (254 mm)	11-1/2" (292.1 mm)	4-1/2" (114.3 mm)	1.8 lbs. (0.82 kg)

### 9-Pocket Tool Pouch

- Heavy duty reinforced bottom
- Deep center pocket and closed front pocket to carry small parts
- Includes an array of other pockets for various tools, plus a tape thong
- Convenient handle for "pick up and go" mobility; shoulder strap for hands free carry
- Tunnel loop fits 2 inch (50.8 mm) belts



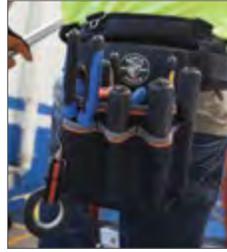
5242

Cat. No.	Width	Height	Depth	Weight
5242 <b>NEW!</b>	7-1/2" (190.5 mm)	9-1/2" (241.3 mm)	4" (101.6 mm)	1.2 lbs. (0.54 kg)

## TRADESMAN PRO™

### 6-Pocket Tool Pouch

- Heavy duty reinforced bottom
- Features one deep center pocket, five outside pockets, plus tape thong
- Carry a variety of screwdrivers and other tools
- Tunnel loop fits 2 inch (50.8 mm) belts



**NEW!**



5241

Cat. No.	Width	Height	Depth	Weight
5241 <b>NEW!</b>	6-3/4" (171.5 mm)	10-1/4" (260.4 mm)	4" (101.6 mm)	13.0 oz. (369 g)

### Maintenance Pouch

- Just enough pockets for your essential tools
- Includes a tape thong
- Tunnel loop fits 2 inch (51 mm) belts
- Easy grab and go styling keeps your basic tools right at hand



**NEW!**



5240

Cat. No.	Width	Height	Depth	Weight
5240 <b>NEW!</b>	5-1/2" (139.7 mm)	10-1/4" (260.4 mm)	1-1/2" (38.1 mm)	6.2 oz. (176 g)

### Drill Pouch

- Fits most impact and battery drills
- Strap closure keeps drill in place
- Pockets for a variety of drill bits
- Compatible with belts up to 2" (51 mm) wide



5183

Cat. No.	Width	Height	Depth	Weight
5183	3" (76.2 mm)	12-1/4" (311.2 mm)	3" (76 mm)	7.5 oz. (213 g)

### 4-Pocket Tool Apron

- Heavy duty reinforced bottom so tools won't poke through
- Two large open pockets for parts
- Two pockets for assorted tools
- Includes pencil/marker pockets and a tape thong
- Adjustable belt fits waist sizes 32" (812.8 mm) to 53" (1346.2 mm)



**NEW!**

5244

Cat. No.	Width	Height	Depth	Weight
5244 <b>NEW!</b>	19" (482.6 mm)	10-1/2" (266.7 mm)	1/2" (12.7 mm)	1.4 lbs. (0.64 kg)

**WARNING:** The tool belt is not an occupational protective belt.



## TRADESMAN PRO™

### Padded Suspenders

- Tear resistant
- Fully adjustable
- Durable nylon web straps for long wear
- Heavy duty padding for comfort
- Easy snap hook fastening system
- Designed for use with Tradesman Pro™ Organizer electrician's tool belt (Cat. Nos. 55427, 55428, 55429)



55400

Cat. No.	Size	Weight
55400	One Size Fits Most	13.4 oz. (381 g)

### Padded Tool Belt



5247

- 2 inch wide belt features padded liner with breathable mesh interior
- Thick, rugged leather belt ends
- Side handles for ease of lifting
- Includes metal connection points to attach suspenders for extra support

Cat. No.	Size	Waist Size	Weight
5245 <b>NEW!</b>	Medium	31" to 34" (787.4 to 863.6 mm)	1.0 lbs. (0.45 kg)
5246 <b>NEW!</b>	Large	35" to 39" (889.0 to 990.6 mm)	1.3 lbs. (0.59 kg)
5247 <b>NEW!</b>	Extra Large	40" to 44" (1016.0 to 1117.6 mm)	1.0 lbs. (0.45 kg)

### Knife Holder

- Holds up to a 4-1/2" (114.3 mm) knife
- Metal clip attaches securely to belt or pocket
- Magnetic closure keeps top flap firmly in place
- Cat. No. 55561 features camo design

Cat. No.	Width	Height	Weight
55561	2-1/4" (57.2 mm)	5-3/4" (146.1 mm)	3.5 oz. (99 g)
5248 <b>NEW!</b>	2-1/2" (63.5 mm)	5-1/4" (133.4 mm)	3.0 oz. (85 g)



55561



5248



Realtree AP-XTRA Camouflage Design  
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### Mobile Phone Holders

- Cat. Nos. 55460 and 55562 fit iPhone® 4 and 5, and similar sized phones
- Cat. No. 55461 and 55563 Fits Samsung Galaxy S® 3 and 4, iPhone® 6 and similar sized phones
- Cat. No. 55468 and 55564 Fits iPhone® 6 Plus and Samsung® Note Edge
- Metal clip for attaching to belts up to 2" wide
- Magnetic flap closure
- Constructed of 1680d ballistic weave



55563



55564



55460

Realtree AP-XTRA Camouflage Design  
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Cat. No.	Description	Width	Height	Depth	Weight
55460	Tradesman Pro™ Phone Holder Small	2-29/32" (73.8 mm)	5-3/4" (146.1 mm)	1-1/2" (38.1 mm)	3.5 oz. (99 g)
55461	Tradesman Pro™ Phone Holder Large	3-19/64" (83.7 mm)	5-7/8" (149.2 mm)	1-1/2" (38.1 mm)	4.2 oz. (119 g)
55468 <b>NEW!</b>	Tradesman Pro™ Phone Holder, XL	3-3/4" (95.3 mm)	6-3/4" (171.5 mm)	1-1/2" (38.1 mm)	4.2 oz. (119 g)
55562	Camo Phone Holder, Small	2-29/32" (73.8 mm)	5-3/4" (146.1 mm)	1-1/2" (38.1 mm)	3.5 oz. (99 g)
55563	Camo Phone Holder, Large	3-19/64" (83.7 mm)	6" (152.4 mm)	1-1/2" (38.1 mm)	4.2 oz. (119 g)
55564	Camo Phone Holder, Extra-Large	3-3/4" (95.3 mm)	6-3/4" (171.5 mm)	1-1/2" (38.1 mm)	4.2 oz. (119 g)

## TRADESMAN PRO™

### Carrying Cases

- Two layers of padding protect even delicate instruments
- Heavy-duty zipper and rugged PVC coated polyester for durability
- One interior and one exterior pocket for quick access and organization
- Sturdy handle with box stitching for secure transportation and convenient hanging. Constructed of 1680d ballistic weave
- Cat. Nos. 69406 and 69407 recommended for meters, testers, infrared guns, and small tools
- Cat. No. 69408 is recommended for meters, testers, borescopes, infrared guns and tools
- Proudly built in U.S.A. with global components



69406



69407



69408

Cat. No.	Pockets	Width	Height	Depth	Weight
69406	1	4-1/2" (114.3 mm)	9-1/4" (235.0 mm)	2-1/4" (57.2 mm)	6.1 oz. (173 g)
69407	2	6" (152.4 mm)	10-1/4" (260.4 mm)	2-1/4" (57.2 mm)	8.5 oz. (240 g)
69408	2	7" (177.8 mm)	10-1/4" (260.4 mm)	2-1/4" (57.2 mm)	10.6 oz. (299 g)

### Hard Cases

- Hard shell protects tools, meters, small parts and tech devices
- Soft interior lining
- Durable zipper closure

Cat. No.	Width	Height	Depth	Weight
5184	6-1/2" (165.1 mm)	8-3/4" (222.3 mm)	2-1/4" (57.2 mm)	10.1 oz. (286 g)
5189	5-1/2" (139.7 mm)	10-1/4" (260.4 mm)	2-1/4" (57.2 mm)	10.1 oz. (286 g)



5189



5184

# Tool Pouches, Carriers, Belts & Suspenders



## PowerLine™ Series



Constructed of double layered 1000 denier washable Cordura® fabric

Double nylon-stitched and rivet reinforced for extra durability

Lightweight and comfortable in warm climates, soft and pliable in cold climates

Oversized pockets and reinforced bottom for extra carrying capacity, as well as durability

Exceptional resistance to abrasion, punctures, and tearing

No break-in period; naturally forms and hugs the body, making it easy to wear for everyday use

Heavy-duty, nylon webbing

Washable

Cordura® is a registered trademark of INVISTA for durable fabrics



## Tool Pouches



5700



5701



5702



5703

Cat. No.	Description	Pockets	Dimensions	Weight
5700	PowerLine™ Series 9 Pocket Tool Pouch	9	11" x 12" (279.4 mm x 304.8 mm)	14.7 oz. (417 g)
5701	PowerLine™ Series 8 Pocket Tool Pouch	8	11" x 12" (279.4 mm x 304.8 mm)	13.3 oz. (377 g)
5702	PowerLine™ Series 2 Pocket Utility Pouch	2	11" x 12" (279.4 mm x 304.8 mm)	10.2 oz. (289 g)
5703	PowerLine™ Series 3 Pocket Utility Pouch	3	11" x 12" (279.4 mm x 304.8 mm)	12.0 oz. (340 g)
5718	PowerLine™ Series 8 Pocket Tool Pouch	8	11" x 12" (279.4 mm x 304.8 mm)	11.8 oz. (335 g)
5719	PowerLine™ Series 18 Pocket Electrician Tool Pouch	18	11" x 12" (279.4 mm x 304.8 mm)	13.9 oz. (394 g)



5718



5719

**PowerLine™ Series**

**Tape Measure Pouch**

**Additional Features:**

- Holds most 35-foot (11 m) tape measures, fasteners, nails, or wire nuts
- Two inside elastic loops fit screwdrivers, pencils, markers, etc.



5712

**Tape Measure Holder**

**Additional Features:**

- Holds most tape measures with belt clips
- Stainless steel clip holder accepts most tape clips up to 1-3/4" (44 mm) wide



5707

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5712	Tunnel	Up to 2-1/4" (57.2 mm)	8-1/4" x 4-1/2" (209.6 mm x 114.3 mm)	3.8 oz. (108 g)

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5707	Tunnel	Up to 2-1/4" (57.2 mm)	4-1/8" x 3-3/4" (104.8 mm x 95.3 mm)	1.6 oz. (45 g)

**Closeable Pouch**

**Additional Features:**

- Closeable pouch helps protect supplies and tools



5714

**Hammer Holder**

**Additional Features:**

- Heavy-metal hammer loop riveted for additional strength



5706

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5714	Tunnel	Up to 2-1/4" (57.2 mm)	7-1/2" x 6-3/4" (190.5 mm x 171.5 mm)	3.8 oz. (108 g)

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5706	Tunnel	Up to 2-1/4" (57.2 mm)	4-1/8" x 3-3/4" (104.8 mm x 95.3 mm)	3.0 lbs. (1.36 kg)

**Multi-Purpose Holder**

**Additional Features:**

- Holds a flashlight, cellular phone, or electrical tester



5708

**Utility Knife Holder**

**Additional Features:**

- Holds standard utility knife or other small tools



5716

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5708	Tunnel	Up to 2-1/4" (57.2 mm)	3-1/4" x 8-1/2" (82.6 mm x 215.9 mm)	2.1 oz. (60 g)

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5716	Tunnel	Up to 2-1/4" (57.2 mm)	7-3/4" x 2-1/2" (196.9 mm x 63.5 mm)	2.4 oz. (68 g)

**Flashlight Holder**

**Additional Features:**

- Accommodates most "D" cell size battery flashlights up to 1-7/8" (48 mm) in diameter
- Heavy-duty, 1-1/2" (38 mm) wide nylon webbing for extra strength
- Riveted to assure long life



5713

**Padded Suspenders**

**Additional Features:**

- Fully adjustable length - front and back
- Heavy-duty, 1-1/2" (38 mm) wide nylon web strap for extra strength and long wear
- Convenient fastening system features genuine VELCRO® brand touch fasteners
- Heavy-duty padding for user comfort



5717

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5713	Tunnel	Up to 2-1/4" (57.2 mm)	4-1/4" x 2-3/8" (108.0 mm x 60.3 mm)	1 oz. (27 g)

Cat. No.	Size	Weight
5717	One Size Fits Most	13.4 oz. (381 g)

Velcro® is a registered trademark of Velcro Industries B.V.



## PowerLine™ Series

### Adjustable Web Work Belt



**Additional Features:**

- Heavy-duty, 2" (51 mm) wide nylon webbing for extra strength
- Accommodates tunnel loop and slotted tool pouches and holders
- Rugged metal buckle for quick release and adjustment

5705

Cat. No.	Size	Width	Weight
5705	One Size Fits up to 54" (1371.6 mm) Waist	2" (50.8 mm)	9.0 oz. (255 g)

### Padded Tool Belts



**Additional Features:**

- 5" (17 mm) cushioned pad for stability and comfort
- Tapered front for comfort while bending
- Heavy-duty 2" (51 mm) wide nylon web belt with rugged metal buckle

5704L

Cat. No.	Description	Size	Width	Weight
5704M	PowerLine™ Padded Tool Belt (Medium)	32" to 36" (812.8 to 914.4 mm)	2" (50.8 mm)	1 lb. (0.45 kg)
5704L	PowerLine™ Padded Tool Belt (Large)	36" to 40" (914.4 to 1016.0 mm)	2" (50.8 mm)	1.0 lbs. (0.45 kg)
5704XL	PowerLine™ Padded Tool Belt	40" to 44" (1016.0 to 1117.6 mm)	2" (50.8 mm)	1.1 lbs. (0.50 kg)

### 4-Piece Combo Sets

- 8-Pocket Tool Pouch (Cat. No. 5701)
- 3-Pocket Utility Pouch (Cat. No. 5703)
- Hammer Holder (Cat. No. 5706)
- Sized Padded Tool Belt (Cat. No. 5704M, 5704L or 5704XL)



5709L

Cat. No.	Description	Size	Belt Width	Weight
5709M	PowerLine™ 4 Piece Combo Set Medium	32" to 36" (812.8 to 914.4 mm)	2" (50.8 mm)	2.7 lbs. (1.22 kg)
5709L	PowerLine™ 4 Piece Combo Set Large	36" to 40" (914.4 to 1016.0 mm)	2" (50.8 mm)	2.8 lbs. (1.27 kg)
5709XL	PowerLine™ 4 Piece Combo Set Extra Large	40" to 44" (1016.0 to 1117.6 mm)	2" (50.8 mm)	2.8 lbs. (1.27 kg)

### 4-Piece Electrician's Combo Sets

- 8-Pocket Tool Pouch (Cat. No. 5718)
- 19-Pocket Tool Pouch (Cat. No. 5719)
- Hammer Holder (Cat. No. 5706)
- Sized Padded Tool Belt (Cat. No. 5704M, 5704L or 5704XL)



5710M

Cat. No.	Description	Size	Belt Width	Weight
5710M	Electricians Combo Set 4 Pc, M	32" to 36" (812.8 to 914.4 mm)	2" (50.8 mm)	2.8 lbs. (1.27 kg)
5710L	Electricians Combo Set 4 Pc, L	36" to 40" (914.4 to 1016.0 mm)	2" (50.8 mm)	2.8 lbs. (1.27 kg)
5710XL	Electricians Combo Set 4 Pc, XL	40" to 44" (1016.0 to 1117.6 mm)	2" (50.8 mm)	3.1 lbs. (1.41 kg)

**WARNING:** This is NOT an occupational protective belt.

**WARNING:** NOT for fall arrest or back support.

## Tool Belts

### Lightweight Tool Belt

- Black leather construction
- Designed to carry lightweight tool pouches

Cat. No.	Waist Size	Belt Width	Weight
5201	33" to 45" (838.2 to 1143.0 mm)	1" (25.4 mm)	4.8 oz. (136 g)



5201

### General-Purpose Belts

- Strong, heavy-duty black leather construction
- Removable single-tongue buckle held by two heavy-duty snaps

Cat. No.	Description	Waist Size	Belt Width	Weight
5202M	General-Purpose Belt (Medium)	32" to 40" (812.8 to 1016 mm)	1-1/2" (38.1 mm)	6.4 oz. (181 g)
5202L	General-Purpose Belt (Large)	38" to 46" (965.2 to 1168.4 mm)	1-1/2" (38.1 mm)	7.2 oz. (204 g)
5202XL	General-Purpose Belt	46" to 54" (1168.4 to 1371.6 mm)	1-1/2" (38.1 mm)	8.0 oz. (227 g)



5202L

### Lightweight Utility Belt

- Strong, lightweight blue polypropylene web
- Quickly adjusts for waist sizes through 52" (1321 mm)
- Accepts tunnel-loop and slotted pouches and holders
- Tough, molded, non-metallic, slide-action buckle provides single-handed, quick release and adjustment

Cat. No.	Waist Size	Belt Width	Weight
5204	One Size Fits All	2" (50.8 mm)	3.2 oz. (91 g)



5204

### Adjustable Web Tool Belt

- Fits waist sizes up to 48" (1219 mm)
- Accommodates tunnel loop and slotted tool pouches and holders
- 2" (51 mm) wide polypropylene webbing
- Rugged metal buckle for quick release and easy adjustment
- Corrosion resistant hardware

Cat. No.	Waist Size	Belt Width	Weight
5225	32" to 48" (812.8 to 1219.2 mm)	2" (50.8 mm)	6.7 oz. (191 g)



5225

### Heavy-Duty Embossed Tool Belts

- Strong, heavy-duty leather
- Equipped with a double-tongue buckle

Cat. No.	Description	Waist Size	Belt Width	Weight
5415S	Heavy-Duty Embossed Tool Belt, Small	32" to 40" (812.8 to 1016 mm)	2" (50.8 mm)	10.1 oz. (286 g)
5415	Heavy-Duty Embossed Tool Belt, Medium	36" to 44" (914.4 to 1117.6 mm)	2" (50.8 mm)	10.2 oz. (290 g)
5415L	Heavy-Duty Embossed Tool Belt, Large	40" to 48" (1016 to 1219.2 mm)	2" (50.8 mm)	10.2 oz. (290 g)
5415XL	Heavy Duty Embossed Tool Belt, XL	44" to 52" (1117.6 to 1320.8 mm)	2" (50.8 mm)	10.4 oz. (295 g)



5415



## Tool Belts

### Cotton/Polyester Blend Tool Belt w/Quick-Release Buckle

- NOT an occupational protective belt. ONLY use as a tool belt
- Features a forged, quick-release buckle for emergency situations where the user has to quickly disengage the belt (for example, when working over water or in grain elevators)
- Must be worn over the user's harness and clothing so it will drop free when released
- Belt is made of a mildew-resistant blend of cotton/polyester webbing for comfort and strength

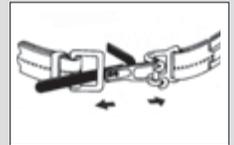
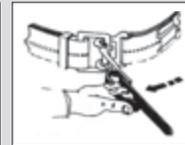
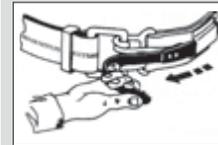


5425M

Cat. No.	Description	Waist Size	Weight
5425M	Tool Belt with Quick Release Buckle, M	30" to 44" (762.0 to 1117.6 mm)	1.5 lbs. (0.68 kg)
5425XL	Tool Belt with Quick Release Buckle, XL	38" to 58" (965.2 to 1473.2 mm)	1.7 lbs. (0.77 kg)

#### Designed for Quick Release

1. Pull free end of release strap to disengage other end from retainer.
2. Pulling action rotates clasp to open position.
3. Disengaged clasp allows belt to separate.



### Ironworker's Heavy-Duty Tie-Wire Belts

- Leather construction
- Rugged 2" (51 mm) wide belt
- Has separate reel-strap with its own buckle that lets you quickly and conveniently put on or take off a Klein tie-wire reel and optional pad without removing the belt or your tool pouch
- Strong double-tongue buckle with keeper
- Embossed basket-weave pattern



5420L

Cat. No.	Description	Waist Size	Belt Width	Weight
5420S	Ironworkers Heavy Duty Tie Wire Belt, S	32" to 40" (812.8 to 1016.0 mm)	2" (50.8 mm)	13.6 oz. (386 g)
5420	Ironworkers Heavy Duty Tie Wire Belt, M	36" to 44" (914.4 to 1117.6 mm)	2" (50.8 mm)	15.2 oz. (431 g)
5420L	Ironworkers Heavy Duty Tie Wire Belt, L	40" to 48" (1016.0 to 1219.2 mm)	2" (50.8 mm)	1.1 lbs. (0.50 kg)
5420XL	Ironworker's Heavy Duty Tie-Wire Belt XL	44" to 52" (1117.6 to 1320.8 mm)	2" (50.8 mm)	1.2 lbs. (0.54 kg)

Tie wire reel and tie wire pad also available

## Sets

### 10 Pocket Tool Pouch and Belt Set

- Combines the popular Cat. No. 5165 black leather 10 pocket pouch and Cat. No. 5202 general purpose black leather belt
- Belt is embossed to guide cutting and reduce size from large to medium
- Belt fits 32" to 46" waist sizes (813 mm - 1,168 mm) and is 1-1/2" (38 mm) wide
- Four large capacity utility pockets, two pliers pockets, four screwdriver loops and knife snap
- Pouch is riveted and stitched to assure long life
- Top grain leather construction



55210

Cat. No.	Pockets	Waist Size	Belt Width	Dimensions	Specialty Add-Ons	Weight
55210	10	32" to 46" (812.8 to 1168.4 mm)	1-1/2" (38.1 mm)	10" x 10" (254 mm x 254 mm)	Knife Snap	1.20 lbs. (0.54 kg)

**WARNING:** This is NOT an occupational protective belt.

**WARNING:** NOT for fall arrest or back support.

## Suspenders

### Suspenders

- Clips and slides are nickel-plated for corrosion resistance
- Extra-strong belt clips have alligator teeth for added gripping power
- One size fits all

Cat. No.	Description	Color	Strap Width	Leather-Back Strap Spreader	Weight
60210B	Nylon-Web Suspenders	Blue	2" (50.8 mm)	Adjustable	10.1 oz. (286 g)
60223B	Elastic-Back Suspenders	Blue	2" (50.8 mm)	Non-Adjustable	9.6 oz. (272 g)



60223B

## Suspender Accessories

### Leather Cushion Belt Pads

- Deluxe leather pad is 4" (102 mm) wide
- Thick leather back with four snap-open straps for easy attachment to any belt up to 2" (51 mm) wide
- Sponge-padded leather liner has rounded edges, and is permanently stitched to the back
- Durable and comfortable pad to wear for prolonged work periods
- When sizing a belt to accommodate this pad, add 2" (51 mm) to 4" (102 mm) to the belt waist size

Cat. No.	Length	Width	Weight
87904	22" (558.8 mm)	4" (101.6 mm)	15.8 oz. (449 g)
87906	30" (762.0 mm)	4" (101.6 mm)	1.0 lbs. (0.45 kg)



87904

# Tool Bags and Storage

Tool bags from Klein come in a wide variety of shapes and sizes to match the diverse tools and accessories professionals use every day.



For Professionals...  
Since 1857™

# TRADESMAN PRO™ ORGANIZERS

Durable, versatile, functional and designed with the tradesperson in mind.

**All Tradesman Pro™ bags have these features**

**Bright colored interior** for easy tool visibility

**Multiple pockets** sized specifically to fit all your tools for complete organization

**1680D ballistic weave** for durability

**Tough, durable molded bottoms** to protect from the elements



## Electrician's Backpacks

**Additional Features:**

- 39 pockets for tons of tool storage
- Wide opening fits power drills, meters, flashlights, etc.
- Large front pocket easily fits cables and tools
- Cat. No. 55597 has a polyester upper pocket and Cat. Nos. 55421BP-14 and 55421BP14CAMO have a hard molded pocket to protect safety glasses, meters, etc.
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers
- Cat. No. 55597 features reflective shoulder and front strips



**NEW!**



Realtree AP-XTRA Camouflage Design  
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Cat. No.	Length	Width	Height	Pockets	Weight
55421BP-14	14-1/2" (368.3 mm)	7-1/4" (184.2 mm)	20" (508.0 mm)	39	6.0 lbs. (2.72 kg)
55421BP14CAMO	14-1/2" (368.3 mm)	7-1/4" (184.2 mm)	20" (508.0 mm)	39	5.3 lbs. (2.40 kg)
55597* <b>NEW!</b>	14-3/8" (365.1 mm)	7" (177.8 mm)	20" (508.0 mm)	39	5.4 lbs. (2.45 kg)

\*DOES NOT conform to ANSI/ISEA 107-2015 high visibility safety apparel and accessories standard



## TRADESMAN PRO™ Electrician's Bags

### Tablet Backpack

**Additional Features:**

- Fits 10 inch tablets with protective covers
- Separate compartment with padded pouch protects tablet from tools
- Tall interior pockets for long screwdrivers; front zip pocket for small parts and tools
- Mesh zippered compartment for cables and adapters
- Hard molded front pocket protects safety glasses
- Tough, durable molded bottom protects from the elements



**NEW!**



55603

Cat. No.	Length	Width	Height	Pockets	Weight
55603 <b>NEW!</b>	14" (355.6 mm)	7" (177.8 mm)	18-1/2" (469.9 mm)	25	5.6 lbs. (2.54 kg)

### Tech Backpack

**Additional Features:**

- Storage for adapters and cables
- Organizer pocket for pens, phone, cables, and more
- 25 pockets for tons of tool storage
- Hard, molded front pocket protects safety glasses
- Cat. No. 55439BPTB fits laptop up to 3" (76 mm) thick



Separate compartment keeps laptop protected from other tools.



55456BPL

Cat. No.	Length	Width	Height	Pockets	Weight
55456BPL	14" (355.6 mm)	7" (177.8 mm)	18-1/2" (469.9 mm)	25	6.4 lbs. (2.90 kg)
55439BPTB	14" (355.6 mm)	7" (177.8 mm)	18-1/2" (469.9 mm)	25	6.4 lbs. (2.90 kg)

### Tech Bag

**Additional Features:**

- Inside pocket for adapters and cables
- Zipper pocket for files and paperwork
- 22 pockets for plenty of tool storage
- Rubber feet and water resistant material on bottom protects from the elements



Separate compartment keeps laptop protected from other tools.



55455M

Cat. No.	Length	Width	Height	Pockets	Weight
55455M	19" (482.6 mm)	6-1/2" (165.1 mm)	16" (406.4 mm)	22	4.1 lbs. (1.86 kg)

# TRADESMAN PRO™ Electrician's Bags

## Lighted Tool Bag

**Additional Features:**

- Removable LED light can be twist on / twist off so light can be positioned to illuminate inside the bag or the outside workspace
- 31 pockets for maximum tool storage



55431

Cat. No.	Length	Width	Height	Pockets	Weight
55431	15-1/4" (387.3 mm)	8" (203.2 mm)	14" (355.6 mm)	31	5.0 lbs. (2.27 kg)

## Work Light

- Swivel hook and magnet for hands free use
- Three AAA batteries included



55437

Cat. No.	Lumens	Run Time	Diameter	Depth	Batteries	Weight
55437	50	5 hrs.	2-51/64" (71.0 mm)	1-1/2" (38.1 mm)	3 x AAA	3.2 oz. (91 g)

## Hacksaw Electrician's Bag

**Additional Features:**

- Fits standard hacksaws up to 16.5"
- Top-loading for easy access to hacksaw
- Protective plastic lined interior



Top-loading hacksaw pocket with protective plastic lining.



55453HSB

Cat. No.	Length	Width	Height	Pockets	Weight
55453HSB	17-3/4" (450.9 mm)	1-3/8" (34.9 mm)	14-1/2" (368.3 mm)	48	8.0 lbs. (3.63 kg)

## Attachable Hacksaw Holder

- Quick link for attaching to tool bags
- Fits standard hacksaws up to 16.5"
- Protective plastic lined interior
- Top-loading for easy access to hacksaw
- Web strap with snap closure keeps hacksaw secure



55454DHB

Cat. No.	Length	Width	Height	Weight
55454DHB	17" (431.8 mm)	1-1/2" (38.1 mm)	8-3/8" (212.7 mm)	1.3 lbs. (0.59 kg)



## TRADESMAN PRO™ Electrician's Bags

### High-Visibility Tool Bag

**Additional Features:**

- 42 different-sized pockets for tools, parts and gear
- Stay-open top
- Large interior zipper pocket
- Tall interior pockets for long screwdrivers
- Shoulder strap with extra padding and handles
- Front pockets hold tools or small parts
- Mesh side pockets
- Fully-molded bottom protects from the elements
- Reflective outer strips for visibility in low-light environments



**NEW!**



55598

Cat. No.	Length	Width	Height	Pockets	Weight
55598 <b>NEW!</b>	10" (254.0 mm)	17-1/2" (444.5 mm)	16" (406.4 mm)	42	7.0 lbs. (3.18 kg)

**DOES NOT** conform to ANSI/ISEA 107-2015 high visibility safety apparel and accessories standard

### Ultimate Electrician's Bag

**Additional Features:**

- 55 pockets for ultimate tool organization
- Wide opening fits power drills, meters, laptops, etc.
- Lock bars to keep bag propped open
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers
- Padded meter pockets



5541819-14

Cat. No.	Length	Width	Height	Pockets	Weight
5541819-14	19" (482.6 mm)	6-1/2" (165.1 mm)	16" (406.4 mm)	55	8.0 lbs. (3.63 kg)

### Extreme Electrician's Tool Bag

**Additional Features:**

- 78 pockets for extreme tool storage
- Wide center with removable pockets for easy access to tools
- Hard molded pockets protect safety glasses, meters, etc.
- Lock bars to keep bag propped open
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



5541718-14

Cat. No.	Length	Width	Height	Pockets	Weight
5541718-14	17-1/2" (444.5 mm)	10" (254.0 mm)	14" (355.6 mm)	78	10 lbs. (4.54 kg)

# TRADESMAN PRO™ Electrician's Bags

## Rolling Tool Bag

**Additional Features:**

- Rugged 6-inch wheels easily handle rough terrain
- Load tested up to 200 lbs.
- Top has reinforced metal frame that stays open for easy loading/unloading
- Heavy-duty telescoping handle
- Withstands cold conditions

Cat. No.	Length	Width	Height	Pockets	Weight
55452RTB	19" (482.6 mm)	12-1/2" (317.5 mm)	14" (355.6 mm)	24	19.0 lbs. (8.62 kg)



Molded kick plate to protect from the elements.



Wide open interior to accommodate large tools.



55452RTB

## 10-Inch Tote

**Additional Features:**

- 40 pockets for maximum tool storage
- Fully molded bottom to protect from the elements
- Double stitched seams for extra durability
- Resized pockets to better fit tools
- Large zipper pockets for tools and small parts
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



Cat. No.	Length	Width	Height	Pockets	Weight
5541610-14	10" (254.0 mm)	10-1/4" (260.4 mm)	12-1/4" (311.2 mm)	40	6.0 lbs. (2.72 kg)



5541610-14

## 8-Inch Tote

**Additional Features:**

- 20 pockets for greater tool storage
- Fully molded bottom to protect from the elements
- Double stitched seams for extra durability
- Resized pockets to better fit tools
- Large zipper pockets for tools and small parts
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



Cat. No.	Length	Width	Height	Pockets	Weight
554158-14	8-3/4" (222.3 mm)	8-3/4" (222.3 mm)	17" (431.8 mm)	20	5.0 lbs. (2.27 kg)



554158-14



## TRADESMAN PRO™ Electrician's Bags

### Shoulder Pouch

**Additional Features:**

- 16 pockets for better tool storage
- Fully molded bottom to protect from the elements
- Double stitched seams for extra durability
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



55419SP-14

Cat. No.	Length	Width	Height	Pockets	Weight
55419SP-14	8" (203.2 mm)	5" (127.0 mm)	10" (254.0 mm)	16	3.0 lbs. (1.36 kg)

### Bucket Bag

- Double layer of polyester at bucket edges for durability
- Interior pockets include: three tool sleeves, one power tool/ cord sleeve, and six universal pockets
- Exterior pockets include: nine screwdriver/nut driver pockets, eleven pliers pockets, eleven utility pockets, two wire stripper pockets, and two Velcro® closeable pockets
- Heavy-duty webbing keeps pockets open for easy access to supplies and tools



55448

Cat. No.	Interior Pockets	Exterior Pockets	Nominal Size	Weight
55448	10	35	Fits Standard 5 Gallon Buckets	4.1 lbs. (1.86 kg)

VELCRO® is a registered trademark of Velcro Industries B.V.  
Tools and bucket not included.

### Zipper Bags

- Includes 2 zipper bags: 12-1/2" x 7" (317.5 x 177.8 mm) and 10" x 5-1/2" (254.0 x 139.7 mm)
- Handy storage for pliers, wrenches, screwdrivers and other small tools and parts
- Black aluminum carabiner included (not for human support)
- Cat. No. 55599 features high-visibility interiors and reflective outer strips



55560



Realtree AP-XTRA Camouflage Design  
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**NEW!**



55599

Cat. No.	Description	Material	Weight
55599	<b>NEW!</b> High Visibility Zipper Bags, 2Pk	1680d Ballistic Weave	3.1 oz. (88 g)
55560	Camo Zipper Bags, 2-pack	1680d Ballistic Weave	6.2 oz. (176 g)

**DOES NOT** conform to ANSI/ISEA 107-2015 high visibility safety apparel and accessories standard

## TRADESMAN PRO™ Coolers

### Soft Lunch Cooler

- Stays cool for up to 12 hours
- Double-thick, leak-resistant anti-microbial liner
- 1680d ballistic weave for durability
- Fully-molded bottom protects against the elements
- Separate upper "doghouse" compartment keeps certain items from getting crushed
- Mesh side pockets for extra items
- Front zipper pocket holds keys, napkins, medicine, etc.
- Shoulder strap and handle for easy carrying

**NEW!**



55601

Cat. No.	Length	Width	Height	Pockets	Weight
55601 <b>NEW!</b>	9-1/2" (241.3 mm)	12" (304.8 mm)	13" (330.2 mm)	4	3.4 lbs. (1.54 kg)

## Tool Bags

### Canvas Tool Bags

- Heavy-duty No. 8 natural canvas
- Rivet-reinforced for durability
- Steel-frame mouth with hinge for rugged use
- Stitched and riveted leather handles for comfort and strength
- Two retaining straps with buckles provide secure closure
- Bottom and lower sides are covered with moisture-resistant vinyl
- Non-scratch studs on base protect against wear
- Shoulder strap kit available (Cat. No. 5102S)

Cat. No.	Length	Width	Height	Weight
5102-12	12" (304.8 mm)	6" (152.4 mm)	10" (254.0 mm)	2.0 lbs. (0.91 kg)
5102-14	14" (355.6 mm)	6" (152.4 mm)	14" (355.6 mm)	2.5 lbs. (1.13 kg)
5102-16	16" (406.4 mm)	6" (152.4 mm)	14" (355.6 mm)	3.0 lbs. (1.36 kg)
5102-18	18" (457.2 mm)	6" (152.4 mm)	14" (355.6 mm)	2.8 lbs. (1.27 kg)
5102-20	20" (508.0 mm)	6" (152.4 mm)	15" (381.0 mm)	3.0 lbs. (1.36 kg)
5102-22	22" (559 mm)	6" (152.4 mm)	15" (381.0 mm)	3.0 lbs. (1.36 kg)
5102-24	24" (609.6 mm)	6" (152.4 mm)	15" (381.0 mm)	4.0 lbs. (1.81 kg)



5102-12

### Deluxe Canvas Tool Bags

- Multiple interior pockets for organization
- Detachable shoulder strap can be adjusted for a perfect fit
- Made of heavy-duty No. 8 natural canvas
- Moisture-resistant vinyl bottom with non-scratch studs on the base to protect against wear
- Steel frame mouth with hinge for rugged use
- Stitched and riveted leather handles for long life

Cat. No.	Length	Width	Height	Weight
5102-14SP	14" (355.6 mm)	6" (152.4 mm)	10" (254.0 mm)	3.5 lbs. (1.59 kg)
5102-16SP	16" (406.4 mm)	6" (152.4 mm)	14" (355.6 mm)	3.7 lbs. (1.68 kg)
5102-18SP	18" (457.2 mm)	6" (152.4 mm)	14" (355.6 mm)	4.0 lbs. (1.81 kg)
5102-24SP	24" (609.6 mm)	6" (152.4 mm)	15" (381.0 mm)	5.0 lbs. (2.27 kg)



5102-16SP



## Tool Bags

### High-Bottom Canvas Tool Bags

- Heavy-duty No. 8 natural canvas
- Bottom and 8" (203 mm) of lower sides are covered with moisture-resistant vinyl
- Non-scratch studs on base protect against wear
- Steel-frame mouth with hinge for rugged use
- Harness-leather handles with two retaining straps and buckles
- Retro-fit bags with shoulder strap kit (Cat. No. 5102S). Kit includes leather strap with pad and snap hooks, rings and fasteners for attaching rings to bags

Cat. No.	Length	Width	Height	Weight
5105-20	20" (508.0 mm)	6" (152.4 mm)	15" (381.0 mm)	3.5 lbs. (1.59 kg)
5105-24	24" (609.6 mm)	6" (152.4 mm)	15" (381.0 mm)	4.0 lbs. (1.81 kg)



5105-20

### Canvas Tool Bags - Multiple Pockets, Leather Bottom

- Steel-frame mouth with hinge for rugged use
- Internal pockets in a variety of sizes
- External pocket for additional carrying needs
- Constructed of strong No. 8 natural canvas
- Reinforced bottom supports heavy tools, blocks moisture, and provides durability at wear points
- Wide opening provides easy access to large tools
- Bottom is protected from the elements by 6 studs
- Includes: Shoulder strap mounts (optional shoulder strap available, Cat. No. 58889), external pocket, leather bottom and 3" (76 mm) of sides covered with black leather, 2" (51 mm) wide web handles, leather handle wrap, and external tool loop handle in the webbing

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Retaining Straps	Weight
5003-18	18" (457.2 mm)	6" (152.4 mm)	14" (355.6 mm)	10	1	1	4.0 lbs. (1.81 kg)
5003-20	20" (508.0 mm)	6" (152.4 mm)	15" (381.0 mm)	14	1	2	4.0 lbs. (1.81 kg)



5003-18

### Canvas Tool Bags

- Heavy-duty No. 6 natural canvas
- Double-layer canvas bottom
- Reinforced, riveted web handles

Cat. No.	Length	Width	Height	Weight
5155	17" (431.8 mm)	9" (228.6 mm)	12" (304.8 mm)	1.5 lbs. (0.68 kg)
5156	19" (482.6 mm)	9" (228.6 mm)	15" (381.0 mm)	1.9 lbs. (0.86 kg)



5155

## Tool Bags

### Cordura® Ballistic Nylon Tool Bag

- Cordura® ballistic nylon, a high-performance fabric resistant to abrasions, tears and scuffs
- Molded bottom made with a durable, impact modified polypropylene
- Eight interior and two exterior pockets hold a wide assortment of hand tools and supplies
- Large opening with reinforced steel frame maintains the bag's shape while loading and unloading
- Heavy-duty nylon zipper closure and a large leather zipper-pull assure easy operation
- Box-stitched 2" (51 mm) wide polypropylene padded carrying handles with comfortable leather wrap
- Optional padded, slip-resistant adjustable shoulder strap (Cat. No. 58889) for hands-free mobility is available

Cat. No.	Length	Width	Height	Weight
5200-15	15" (381.0 mm)	8" (203.2 mm)	14-1/2" (368.3 mm)	3.5 lbs. (1.59 kg)

Cordura® is a registered trademark of INVISTA for durable fabrics.



5200-15

### Vinyl Equipment Bags

- Wide bag opening easily accommodates helmets and other equipment
- Two large, outside pockets with Velcro® fastening (Cat. No. 5182BLA)
- Durable, double-stitched plastic bottom
- Webbing extends down side of bag from handles and shoulder strap for extra support and durability
- Right-sized rain flap with Velcro® fastening
- Adjustable, padded shoulder strap included



5181ORA



5182BLA

Cat. No.	Length	Width	Height	Color	Exterior Pockets	Weight
5182BLA	24" (609.6 mm)	10" (254.0 mm)	20" (508.0 mm)	Black	2	7.0 lbs. (3.18 kg)
5181ORA	24" (609.6 mm)	10" (254.0 mm)	20" (508.0 mm)	Orange	1	7.0 lbs. (3.18 kg)

VELCRO® is a registered trademark of Velcro Industries B.V.

### Extra-Large Vinyl Equipment Bag

- Orange vinyl-coated polyester fabric bag
- Bottom extends 3" (76 mm) up the sides
- Bottom of bag is protected by metal studs
- Bottom reinforced with 1/4" (6 mm) plywood
- Nylon-web handles extend around bag for extra support
- Wide opening steel frame is securely riveted in top of bag
- Extra flap for storm protection



5180

Cat. No.	Length	Width	Height	Weight
5180	24" (609.6 mm)	10" (254.0 mm)	18" (457.2 mm)	6.0 lbs. (2.72 kg)



## Tool Bags

### Lineman Backpack

- Wide opening easily accommodates helmets, belts, and other equipment
- Large front pocket for separate storage of gaffs, rubber gloves, or other equipment
- Durable, double stitched plastic bottom with drain holes
- Rain flap for top of pack
- Adjustable padded shoulder straps with adjustable waist strap
- Padded back area

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
5185ORA	18" (457.2 mm)	10" (254.0 mm)	23" (584.2 mm)	1	3	5.0 lbs. (2.27 kg)



5185ORA

### Tool Totes™

- Constructed of rugged, 600 x 300 denier polyester to resist wear and tear on the jobsite
- 2" (51 mm) wide polypropylene padded carrying handles with comfortable leather wrap
- Water-resistant to avoid the build-up of mold and mildew
- Exterior pockets hold a variety of tools and a mobile phone
- Multiple interior pockets and a large interior compartment for a wide assortment of tools and supplies (only with Cat. No. 58888 and Cat. No. 58890)
- Durable molded bottom with drain holes to prevent water retention
- Contoured, padded, slip-resistant shoulder strap for hands-free mobility (included with Cat No. 58888 and Cat. No. 58890)
- Heavy-duty chain tape thong (Cat. No. 58890 only)

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Chain Tape Thong	Shoulder Strap	Weight
58886	15-1/2" (394 mm)	7-1/2" (190.5 mm)	10" (254.0 mm)		7	No	No	2.5 lbs. (1.13 kg)
58888	15-1/2" (394 mm)	7-1/2" (190.5 mm)	10" (254.0 mm)	5	7	No	Yes	3.0 lbs. (1.36 kg)
58890	15-1/2" (394 mm)	7-1/2" (190.5 mm)	10" (254.0 mm)	7	10	Yes	Yes	3.0 lbs. (1.36 kg)

\*Optional shoulder strap (Cat. No. 58889) available.



58890

### Deluxe Leather Bags

- Rugged tool bag made of extra-heavy leather
- Removable padded shoulder strap
- Three-ply bottom with steel studs
- Retaining straps extend around bag for extra support



5108-18

Cat. No.	Length	Width	Height	Weight
5108-18	18" (457.2 mm)	7" (177.8 mm)	8" (203.2 mm)	4.6 lbs. (2.09 kg)
5108-20	20" (508.0 mm)	7" (177.8 mm)	8" (203.2 mm)	5.0 lbs. (2.27 kg)
5108-24	24" (609.6 mm)	7" (177.8 mm)	8" (203.2 mm)	5.0 lbs. (2.27 kg)

### Leather Tote Bag

- Rugged tool bag made of extra-heavy leather
- Stitched and riveted construction
- Reinforced ends
- Double-ply bottom with steel studs



5115

Cat. No.	Length	Width	Height	Weight
5115	15" (381.0 mm)	6-1/2" (165.1 mm)	7" (177.8 mm)	2.0 lbs. (0.91 kg)

## Tool Bags

### Ten-Compartment Drawstring Bag

- 12-oz. olive canvas
- Ten compartments to hold small parts
- Drawstring for easy closing



5151

Cat. No.	Diameter	Height	Weight
5151	11" (279.4 mm)	6" (152.4 mm)	6.4 oz. (181 g)

### Zipper Bags



5139



5139B



5139C



5139L

- Constructed of No. 10 canvas with heavy-duty brass zipper (Cat. No. 5139)
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools, and spare parts
- Constructed of Cordura® ballistic nylon, a high-performance fabric resistant to abrasions, tears, and scuffs (Cat. Nos. 5139B, 5139C)
- Cat. No. 5139C features the jungle stalker digitized camouflage pattern for maximum concealment
- Heavy-duty nylon stitching and zipper ensure durability and long life (Cat. Nos. 5139C)
- Heavy-duty nylon zipper. (Cat. Nos. 5139B, 5139C)

Cat. No.	Material	Length	Height	Weight
5139	No. 10 Canvas with Brass Zipper	12-1/2" (317.5 mm)	7" (177.8 mm)	3.0 oz. (86 g)
5139B	Cordura® Ballistic Nylon	12-1/2" (317.5 mm)	7" (177.8 mm)	3.8 oz. (108 g)
5139C	Cordura® Camouflage	12-1/2" (317.5 mm)	7" (177.8 mm)	2.2 oz. (64 g)
5139L	Top Grain Leather	12-1/2" (317.5 mm)	7" (177.8 mm)	3.7 oz. (104 g)

Cordura® is a registered trademark of INVISTA for durable fabrics.

### Canvas Zipper Bags - 4 Pack

- Includes four assorted colors to organize and categorize important tools
- Constructed of No. 10 canvas with heavy-duty brass zipper
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools, and spare parts
- Overall size: 12-1/2" (318 mm) long x 7" (178 mm) high



5140



5141

Cat. No.	Description	Weight
5140	Canvas Bag 4 Pk Olive/Orange/Blue/Yellow	12.8 oz. (363 g)
5141	Canvas Bag 4 Pk Brown/Black/Gray/Red	12.8 oz. (363 g)



## Tool Bags

### Canvas Zipper Bags

- Constructed of No. 8 canvas, with heavy-duty brass zipper
- Convenient storage for wire nuts, connectors and other consumables
- 3-1/2" (89 mm) wide bottom for stability when standing; easy access when open
- Brass grommet for hanging or attaching to belt or clip

Cat. No.	Material	Length	Height	Width	Color	Weight
5539RED	Canvas	10" (254.0 mm)	8" (203.2 mm)	3-1/2" (88.9 mm)	Red	3.8 oz. (108 g)
5539BLU	Canvas	10" (254.0 mm)	8" (203.2 mm)	3-1/2" (88.9 mm)	Blue	3.8 oz. (108 g)
5539YEL	Canvas	10" (254.0 mm)	8" (203.2 mm)	3-1/2" (88.9 mm)	Yellow	3.8 oz. (108 g)
5539NAT	Canvas	10" (254.0 mm)	8" (203.2 mm)	3-1/2" (88.9 mm)	Natural	3.8 oz. (108 g)
5539CPAK	Canvas	10" (254.0 mm)	8" (203.2 mm)	3-1/2" (88.9 mm)	3-Pack; Red, Blue, Yellow	12.3 oz. (349 g)



5539BLU



US Patents: D621153, D625515, D625915

### Padded Cordura® Zipper Bag

- Constructed of Cordura® washable fabric, a high performance fabric resistant to abrasions, tears and scuffs
- Three-layer padding provides additional protection to contents
- Heavy-duty nylon zipper
- Overall size: 12-1/2" (318 mm) x 7" (178 mm)

Cat. No.	Material	Length	Height	Color	Weight
5139PAD	Cordura® Ballistic Nylon	12-1/2" (317.5 mm)	7" (177.8 mm)	Black	4.5 oz. (128 g)

Cordura® is a registered trademark of INVISTA for durable fabrics.



5139PAD

### Contractor's Zipper Portfolios

- Great for transporting contracts, quotations, work orders, plans, and schedules
- Holds clipboards, binders, and mobile phones
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools, and spare parts
- Heavy-duty zipper
- Overall size: 17" (432mm) long x 12" (305 mm) high

Cat. No.	Material	Color	Zipper	Weight
5136	Top Grain Leather	Brown	Brass	13.4 oz. (381 g)
5236	Cordura® Ballistic Nylon	Black	Nylon	8.2 oz. (231 g)
5336	No. 10 Canvas	Natural	Brass	6.4 oz. (181 g)



5136

## Tool Bags

### Canvas Glove Bags

- Made of durable canvas
- Has an expansion gusset, 5-1/2" (140 mm) across the top and 2-3/4" (70 mm) at bottom
- Brass grommets in bottom for ventilation
- Supplied with two-way snap
- Includes safety notice to remind workers of the importance of using gloves

Cat. No.	Material	Length	Width	Top Depth	Bottom Depth	Weight
5121-15	No. 4 Canvas	15" (381.0 mm)	8" (203.2 mm)	5-1/2" (139.7 mm)	2-3/4" (69.9 mm)	12.0 oz. (340 g)
5121-19	No. 4 Canvas	19" (482.6 mm)	8" (203.2 mm)	5-1/2" (139.7 mm)	2-3/4" (69.9 mm)	12.0 oz. (340 g)
5124-15	No. 10 Canvas	15" (381.0 mm)	8" (203.2 mm)	4" (101.6 mm)	4" (101.6 mm)	9.6 oz. (272 g)
5124-17	No. 10 Canvas	17" (431.8 mm)	8" (203.2 mm)	4" (101.6 mm)	4" (101.6 mm)	9.6 oz. (272 g)
5124-19	No. 10 Canvas	19" (482.6 mm)	8" (203.2 mm)	4" (101.6 mm)	4" (101.6 mm)	12.0 oz. (340 g)



5121-15

### Combination Glove and Sleeve Bags

- Panels are tough No. 4 canvas
- Provides separate storage for gloves and sleeves
- Brass grommets in bottom for ventilation
- Bags are 8" (203 mm) wide
- Supplied with two-way snap
- Includes safety notice to remind workers of the importance of using gloves

Cat. No.	Length	Width	Bottom Depth	Weight
5122-16	16" (406.4 mm)	8" (203.2 mm)	4-13/16" (122.2 mm)	15.7 oz. (445 g)
5122-18	18" (457.2 mm)	8" (203.2 mm)	4-13/16" (122.2 mm)	1.1 lbs. (0.50 kg)



5122-16

## Tool Bag Accessories

### Adjustable Shoulder Strap Kit

- Works with Cat. Nos. 5102 and 5105 series canvas tool bags
- Complete kit contains leather strap with pad and snap hooks, rings and fasteners for attaching rings to bags

Cat. No.	Weight
5102S	12.0 oz. (340 g)



5102S

### Padded Adjustable Shoulder Strap

- Shoulder strap for Tool Tote™ and 5003 series canvas tool bags
- Adjustable from both ends for a perfect fit

Cat. No.	Weight
58889	5.6 oz. (159 g)



58889



## Slide Racks

### Slide Racks

- Holds Klein mid-size or extra-large storage boxes
- Boxes not included with rack; must be ordered separately
- Welded, extra-rigid, all-steel construction
- Metallic gray baked-enamel finish
- Boxes ride in and out on heavy-duty channel tracks that permit covers to open all the way for full access
- Heavy tabs prevent boxes from being accidentally pulled out, yet allow boxes to be easily removed when desired
- Locking bars can be readily attached to prevent unauthorized access

Cat. No.	Length	Width	Height	Holds	Weight
54474	11-7/8" (301.6 mm)	15-3/16" (385.8 mm)	11-5/16" (287.3 mm)	Four Klein Mid-Size Storage Boxes	2.0 lbs. (9.07 kg)
54476	11-3/4" (298.5 mm)	15-1/4" (387.4 mm)	16-3/8" (415.9 mm)	Six Klein Mid-Size Storage Boxes	30.0 lbs. (13.61 kg)
54477	15-3/4" (400.1 mm)	20" (508.0 mm)	15" (381.0 mm)	Four Klein Extra-Large Storage Boxes	37.0 lbs. (16.78 kg)



54474

### Slide Rack Locking Bars

- Steel bars lock to secure mid-size storage boxes in slide racks
- Front hasp pivots down to allow locking bar to open
- Available for Klein four-box and six-box racks
- Strong piano hinge
- Metallic gray baked enamel finish
- Mounting holes allow for easy installation with sheet metal screws or pop rivets



54484

Cat. No.	Description	Weight
54484	Slide Rack Locking Bars for 54474	4.0 oz. (113 g)
54486	Slide Rack Locking Bars for 54476/54477	5.6 oz. (159 g)

## Tool Boxes

### Adjustable Compartment Parts Box

- Movable dividers in this parts box allow compartment sections to be arranged and sized as desired
- Three partitions, running from front to back, divide the box into four equal 4-1/2" (114 mm) x 12" (305 mm) sections
- Nine straight metal dividers can be positioned anywhere between the partitions, in one inch (25 mm) increments, to create the compartments desired
- Boxes feature strong, rigid, heavy-duty welded construction
- Full-length piano hinged covers are designed to stay open for ease of access
- Each box has a carrying handle, positive pull-down locking catch
- Boxes are a heavy metallic gray baked-enamel finish
- Box compartments feature high-impact styrene construction
- Scoop-bottom design for easy parts removal and cleaning
- Fits four drawer extra-large slide rack Cat. No. 54477

Cat. No.	Length	Width	Height	Weight
54451	12" (304.8 mm)	18" (457.2 mm)	3" (76.2 mm)	7.0 lbs. (3.18 kg)



54451

**Tool Boxes**

**Mid-Size Compartment Boxes**

- Klein storage boxes are offered with a choice of compartment sizes and arrangements
- Boxes feature strong, rigid, heavy-duty welded construction
- Full-length piano hinged covers are designed to stay open for ease of access
- Each box has a carrying handle, positive pull-down locking catch
- Boxes have a heavy, metallic gray baked-enamel finish
- Box compartments feature high-impact styrene construction
- Scoop-bottom design for easy parts removal and cleaning
- Fits either four-drawer slide rack Cat. No. 54474 or six-drawer rack Cat. No. 54476



54438

Cat. No.	Length	Width	Height	Number of Compartments	Compartment Sizes	Weight
54436	9-3/4" (247.7 mm)	13-5/16" (338.1 mm)	2" (50.8 mm)	8	6-7/16" x 2-1/16" (163.5 x 52.4 mm)	3.7 lbs. (1.68 kg)
54437	9-3/4" (247.7 mm)	13-5/16" (338.1 mm)	2" (50.8 mm)	12	4-5/16" x 2-5/16" (109.5 x 58.7 mm)	4.0 lbs. (1.81 kg)
54438	9-3/4" (247.7 mm)	13-5/16" (338.1 mm)	2" (50.8 mm)	16	3-1/4" x 2-5/16" (82.6 x 58.7 mm)	4.0 lbs. (1.81 kg)
54439	9-3/4" (247.7 mm)	13-5/16" (338.1 mm)	2" (50.8 mm)	20	2-5/8" x 2-5/16" (66.7 x 58.7 mm)	4.5 lbs. (2.04 kg)
54440	9-3/4" (247.7 mm)	13-5/16" (338.1 mm)	2" (50.8 mm)	21	20 Each 2-1/16" (52.4 mm) x 2-5/16" (58.7 mm) and One 2-3/4" (69.9 mm) x 9-1/16" (230.2 mm)	4.0 lbs. (1.81 kg)

**Extra-Large Compartment Boxes**

- Klein storage boxes are offered with a choice of compartment sizes and arrangements
- Boxes feature strong, rigid, heavy-duty welded construction
- Full-length piano hinged covers are designed to stay open for ease of access
- Each box has a carrying handle, positive pull-down locking catch
- Boxes have a heavy, metallic gray baked-enamel finish
- Box compartments feature high-impact styrene construction
- Scoop-bottom design for easy parts removal and cleaning
- Fits four-drawer extra-large slide rack Cat. No. 54477



54445

Cat. No.	Length	Width	Height	Number of Compartments	Compartment Sizes	Weight
54445	12" (304.8 mm)	18" (457.2 mm)	3" (76.2 mm)	16	4-3/8" x 2-7/8" (111.1 x 73.0 mm)	7.0 lbs. (3.18 kg)
54446	12" (304.8 mm)	18" (457.2 mm)	3" (76.2 mm)	21	20 Each 2-3/4" (69.9 mm) x 2-7/8" (73.0 mm) and One 3-3/4" (95.3 mm) x 11-7/8" (301.6 mm)	7.0 lbs. (3.18 kg)
54447	12" (304.8 mm)	18" (457.2 mm)	3" (76.2 mm)	24	20 Each 2-3/4" (69.9 mm) x 2-7/8" (73.0 mm) and Four 3-3/4" (95.3 mm) x 2-7/8" (73.0 mm)	8.0 lbs. (3.63 kg)
54448	12" (304.8 mm)	18" (457.2 mm)	3" (76.2 mm)	32	32 Each 2-1/8" x 2-7/8" (54.0 x 73.0 mm)	8.0 lbs. (3.63 kg)

# Tool Kits

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Some projects are more complex than others and require a variety of tools to be used. For this reason, Klein has tool sets to assist professionals with these demanding projects.



For Professionals...  
Since 1857™

**Tool Kits**

**41-Piece Journeyman™ Tool Set**

**JOURNEYMAN**



80141

Cat. No.	Kit Contains	Weight
80141		29.8 lbs. (13.52 kg)

Cat. No.	Description
BLK12	L Style Ball End Hex Key Caddy Set 12 Pc
J203-6	Long Nose Side Cutting Pliers 6-3/4" L
J203-8N	Journeyman Long Nose Pliers Side Cutting
J502-10	Journeyman Pump Pliers
D507-8	Adjustable Wrench Extra Capacity 8-1/4"
D507-12	12" Adjustable Wrench Extra Capacity
600-1	5/16" Cabinet Tip Screwdriver 1-1/2"
600-4	1/4" Screwdriver HD Square Shank
601-3	3/16" Cabinet Tip Screwdriver 3"
601-6	3/16" Cabinet Tip Screwdriver 6"
602-6	5/16" Keystone Tip Screwdriver 6" L
603-1	#2 Stubby Phillips Screwdriver 1-1/2"
603-3	#1 Phillips Screwdriver 3" Round Shank
603-4B	#2 Wire Bending Phillips Screwdriver
605-6	Cabinet Tip Screwdriver Heavy Duty 6"
630-3/16	3/16" Hollow Shaft Nut Driver 3" Shaft
630-1/4	1/4" Nut Driver 3" Shaft Cushioned
630-5/16	5/16" Nut Driver Cushion-Grip 3" Shaft
630-11/32	11/32" Nut Driver 3" Hollow Shaft
630-3/8	3/8" Hollow Shaft Nut Driver 3" Shaft
630-7/16	7/16" Hollow Nut Driver 3" Cushioned

Cat. No.	Kit Contains	Weight
80141		29.8 lbs. (13.52 kg)

Cat. No.	Description
630-1/2	1/2" Nut Driver 3" Shaft Cushion-Grip
650	Cushion-Grip Scratch Awl
662	#2 Square Screwdriver 4" Round Shank
670-6	3/16" Cabinet Rapi-Driv® Screwdriver
86225	25' Double Hook Magnetic Tape Measure
935R	Aluminum Torpedo Level Rare Earth Magnet
J1005	Journeyman™ Crimping/Cutting Tool
K1412	Klein-Kurve® Dual Cable Stripper/Cutter
J2000-9NETP	Heavy Duty Side Cutting Pliers Pulling
J2000-48	Diagonal HD Cutting Pliers Angled Head
5003-18	18" Canvas Tool Bag with Leather Bottom
5139	Canvas Zipper Bag
11055	Wire Stripper and Cutter Double Dipped
44133	Klein-Kurve® Retractable Utility Knife
46037	Cable Splicer's Kit
56003	1/8" Wide Steel Fish Tape 125 ft
58889	Padded Adjustable Shoulder Strap
60053	Protective Eyewear Clear Lens
J63050	Journeyman High Leverage Cable Cutter
85191	Conduit-Fitting and Reaming Screwdriver

**WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

See page 310 for additional information on warnings.





## Tool Kits

### 28-Piece Electrician Tool Set

**JOURNEYMAN**™



80028

Cat. No.	Kit Contains	Weight
80028		17.2 lbs. (7.80 kg)
Cat. No.	Description	
D203-8	8" Long Nose Pliers Side Cutting	
D213-9NETP	9" Side Cutting and Tape Pulling Pliers	
85191	Conduit-Fitting and Reaming Screwdriver	
D248-8	Diagonal Cutting Pliers High Leverage	
D502-10	10" (254 mm) Pump Pliers	
506-10	10" Adjustable Wrench Standard Capacity	
600-4	1/4" Screwdriver HD Square Shank	
601-6	3/16" Cabinet Tip Screwdriver 6"	
602-6	5/16" Keystone Tip Screwdriver 6" L	
603-4B	#2 Wire Bending Phillips Screwdriver	
605-6	Cabinet Tip Screwdriver Heavy Duty 6"	
630-3/16	3/16" Hollow Shaft Nut Driver 3" Shaft	
630-1/4	1/4" Nut Driver 3" Shaft Cushioned	
630-5/16	5/16" Nut Driver Cushion-Grip 3" Shaft	

Cat. No.	Kit Contains	Weight
80028		17.2 lbs. (7.80 kg)
Cat. No.	Description	
630-11/32	11/32" Nut Driver 3" Hollow Shaft	
630-3/8	3/8" Hollow Shaft Nut Driver 3" Shaft	
630-7/16	7/16" Hollow Nut Driver 3" Cushioned	
630-1/2	1/2" Nut Driver 3" Shaft Cushion-Grip	
662	#2 Square Screwdriver 4" Round Shank	
670-6	3/16" Cabinet Rapi-Drive® Screwdriver	
86125	25 Foot Non-Magnetic Tape Measure	
935	Torpedo Level	
1005	Crimping and Cutting Tool for Connectors	
5102-16	16" Canvas Tool Bag	
5139	Canvas Zipper Bag	
11045	Wire Stripper/Cutter (10-18 AWG Solid)	
44100	Utility Knife Retractable Blade	
60053	Protective Eyewear Clear Lens	

See page 310 for additional information on warnings.



**WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

**Tool Kits**

**18-Piece Journeyman™ Tool Set**

**JOURNEYMAN**



80118

Cat. No.	Kit Contains	Weight
80118		11.6 lbs. (5.26 kg)

Cat. No.	Description
J203-8N	Journeyman Long Nose Pliers Side Cutting
J502-10	Journeyman Pump Pliers
D507-10	10" Adjustable Wrench Extra Capacity
603-3	#1 Phillips Screwdriver 3" Round Shank
603-4B	#2 Wire Bending Phillips Screwdriver
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
605-6	Cabinet Tip Screwdriver Heavy Duty 6"
630-1/4	1/4" Nut Driver 3" Shaft Cushioned
630-5/16	5/16" Nut Driver Cushion-Grip 3" Shaft

Cat. No.	Kit Contains	Weight
80118		11.6 lbs. (5.26 kg)

Cat. No.	Description
662	#2 Square Screwdriver 4" Round Shank
670-6	3/16" Cabinet Rapi-Driv® Screwdriver
86225	25' Double Hook Magnetic Tape Measure
J2000-48	Diagonal HD Cutting Pliers Angled Head
5165	10 Pocket Tool Pouch Knife Snap
5705	PowerLine™ Web Work Belt
11055	Wire Stripper and Cutter Double Dipped
60053	Protective Eyewear Clear Lens

**WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

See page 310 for additional information on warnings.





## Tool Kits

### 14-Piece Electrician Tool Set



80014

Cat. No.	Kit Contains	Weight
80014		9.6 lbs. (4.35 kg)
Cat. No.	Description	
D203-8	8" Long Nose Pliers Side Cutting	
D213-9NETP	9" Side Cutting and Tape Pulling Pliers	
D248-8	Diagonal Cutting Pliers High Leverage	
D502-10	10" (254 mm) Pump Pliers	
603-3	#1 Phillips Screwdriver 3" Round Shank	
603-4B	#2 Wire Bending Phillips Screwdriver	
605-4	1/4" Cabinet Tip Screwdriver 4" Shank	
605-6	Cabinet Tip Screwdriver Heavy Duty 6"	
670-6	3/16" Cabinet Rapi-Driv® Screwdriver	
86125	25 Foot Non-Magnetic Tape Measure	
5164	8 Pocket Tool Pouch Slotted	
5225	Adjustable PolyWeb Tool Belt	
11045	Wire Stripper/Cutter (10-18 AWG Solid)	
60053	Protective Eyewear Clear Lens	

See page 310 for additional information on warnings.



**WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

**Tool Kits**

**12-Piece Electrician Tool Set**

Cat. No.	Kit Contains	Weight
5300		6.8 lbs. (3.08 kg)

Cat. No.	Description
5166	7-Pocket Tool Pouch
5225	Adjustable PolyWeb Tool Belt
603-3	#1 Phillips Screwdriver 3" Round Shank
603-4	#2 Phillips Screwdriver 4" Round Shank
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
605-6	Cabinet Tip Screwdriver Heavy Duty 6"
11045	Wire Stripper/Cutter (10-18 AWG Solid)
D248-8	Diagonal Cutting Pliers High Leverage
D203-8	8" Long Nose Pliers Side Cutting
D213-9NETP	9" Side Cutting and Tape Pulling Pliers
D502-10	10" (254 mm) Pump Pliers
928-25HV	Tape Measure 25 ft High Visibility Case



5300

**12-Piece Electrician Tool Set**

Cat. No.	Kit Contains	Weight
92003		17.0 lbs. (7.71 kg)

Cat. No.	Description
D213-9NETP	9" Side Cutting and Tape Pulling Pliers
D248-8	Diagonal Cutting Pliers High Leverage
D203-8	8" Long Nose Pliers Side Cutting
D502-10	10" (254 mm) Pump Pliers
11045	Wire Stripper/Cutter (10-18 AWG Solid)
86375	7.5 M Double Hook Magnetic Tape Measure
603-4	#2 Phillips Screwdriver 4" Round Shank
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
661	#1 Square Recess Screwdriver 4" Shank
662	#2 Square Screwdriver 4" Round Shank
5719	PowerLine Electricians Tool Pouch
5705	PowerLine™ Web Work Belt



92003

# Voice/Data/Video Tools, Testors & Connectors

Our comprehensive line of verification VDV products was created to prep, connect and test network, phone, CATV, home theater, satellite, and security cables for residential or commercial systems.



For Professionals...  
Since 1857™

## Coaxial Cutting Tool

### Coaxial Cable Cutter - CCS

- Multi-functional blade optimized to cut copper-clad steel (CCS) coaxial cable and other common wires or cables
- Forged from custom, US-made steel and through-hardened, the specialized notched blade is designed to withstand steel cable cutting
- Notched blade section is optimized to easily cut common CCS coaxial cables such as RG-59, RG-6/6Q, RG-7 and RG-11
- Shears blade section is designed to cleanly cut and snip solid and stranded copper, aluminum, UTP/STP twisted pair wires and cables
- Blade geometry ensures CCS coaxial cable retains form when cut to facilitate easy insertion into connectors and provide excellent terminations
- High-leverage handles for genuine one-handed operation
- Handles are plastic-coated for maximum comfort and grip



VDV600-096

Cat. No.	Handle Color	Cutting Knives	Cuts	Handle Type	Overall Length	Weight
VDV600-096	Yellow	Custom Notch for CCS Coaxial Cable Standard Shears for General Purpose	RG59, RG6, RG6Q, RG7, RG11 Twisted Pair	Plastic Dipped	7-5/8" (193.7 mm)	8.4 oz. (238 g)

## Radial Strippers

### Radial Stripper UTP/STP

- One-step outer jacket stripping, 1-level of category 3, 5, 5e, 6, and 6a cables
- Durable high-carbon steel cutting blades are ground and honed for long life
- Removes the outer jacket of twisted pair cable without damaging the conductors
- Strip and slit lengths may be varied to accommodate different connector requirements
- Recessed cutting surface slits long runs of twisted-pair cable
- Multiple nest cavities allow the removal of a wide variety of jacket materials on twisted-pair cable
- Tension loop can be disengaged for thin-jacket cable
- One-piece construction ensures alignment for precise stripping
- Large finger loop promotes rotation during use
- Adjustable set-screw prevents twisted-pair conductor insulation scoring



VDV120-006

Cat. No.	Color	Strips or Slits	Levels	Strip/Slit Dimensions	Prepared Cable	Overall Length	Weight
VDV120-006-SEN	Yellow	Unshielded Twisted Pair; Shielded Twisted Pair	1	Varies by application		4-13/32" (111.9 mm)	1.3 oz. (37 g)

### Coax Cable Radial Strippers - 2-Level

- Cat. No. VDV110-095 features two stripping cavities: one for standard size cable and one for utility size cables. Perfect for the data installer who works with utility cable as well standard cable
- Cat. No. VDV110-095 strips five different series of RG cable including: RG6, RG6-QS, RG59, RG11 and RG7
- 2-level stripping in one step - 5/16" and 1/4" (7.9 mm and 6.4 mm)
- Klein's sliding cable stop pre-measures cable for fast, accurate and repeatable strips
- Durable high-carbon steel cutting blades automatically adjust to different cable diameters
- Finger loop facilitates easy, controlled rotation
- Easy debris clean-out



VDV110-095



US Patent: D688927

VDV110-061

Cat. No.	Color	Levels	Cable	Cartridge Strip Dimensions	Prepared Cable	Overall Length	Weight
VDV110-095	Yellow/Gray	2	RG59, RG6, RG6-QS, RG7, RG11	0.3125" and 0.250" (7.94 and 6.35 mm)		5-1/4" (133.4 mm)	1.5 oz. (43 g)
VDV110-061	Yellow/Black	2	RG59, RG6, RG6-QS	0.3125" and 0.250" (7.94 and 6.35 mm)		4-19/32" (116.7 mm)	1.2 oz. (34 g)



## Radial Strippers and Cartridges

### Cartridge Radial Strippers

- Designed for high-volume, multiple-type cable preparation environments
- Includes storage cartridge-bay
- One-piece construction ensures precise stripping and never requires adjustment
- Large finger loop promotes rotation during use
- F-Connector "nest" assists with cable insertion
- Cartridges snap in from both sides for left or right-handed operation
- Durable high-carbon steel cartridge cutting blades are ground and honed for long life
- Additional and replacement cartridges available



VDV100-801



VDV110-802

Cat. No.	Set Contains	Overall Length	Weight		
VDV100-801-SEN	Dual Cartridge Radial Stripper	5.6" (143 mm)	2.4 oz. (68 g)		
Cat. No.	Cable	Color	Levels	Cartridge Strip Dimensions	Prepared Cable
VDV110-003-SEN	RG59/RG6/RG6 QS Coaxial Cable	Black	2	0.3125" and 0.250" (7.94 and 6.35 mm)	
VDV120-005-SEN	UTP Cable (Category 3, 5, 5e and 6)	Blue	1	Variable	
Cat. No.	Set Contains	Overall Length	Weight		
VDV110-802-SEN	Radial Cartridge Stripper	5.2" (133 mm)	2.1 oz. (60 g)		
Cat. No.	Cable	Color	Levels	Cartridge Strip Dimensions	Prepared Cable
VDV110-003-SEN	RG59/RG6/RG6 QS Coaxial Cable	Black	2	0.3125" and 0.250" (7.94 and 6.35 mm)	

### Radial Stripper Cartridges

- **Designed for use with:**  
Dual Cartridge Radial Stripper (Cat. No. VDV100-801),  
Radial Cartridge Stripper (Cat. Nos. VDV110-802)
- Pre-set cutting blades for precise, accurate and efficient cable stripping
- Durable high-carbon steel cutting blades are ground and honed for long life
- Patented "V" notch eliminates scoring of the center conductor\*
- Color-coded for easy identification
- Meets industry standards established by the SCTE (Society of Cable Telecommunication Engineers)
- Cartridges made from glass filled polycarbonate for superior strength and extended durability



VDV110-003



VDV110-004



VDV110-020



VDV113-022



VDV113-021



VDV120-005

Cat. No.	Cable	Color	Levels	Cartridge Strip Dimensions	Prepared Cable	Weight
VDV110-003-SEN	RG59/RG6/RG6 QS Coaxial Cable	Black	2	0.3125" and 0.250" (7.94 and 6.35 mm)		0.1 oz. (2.8 g)
VDV110-004-SEN	RG7/RG11 Coaxial Cable	Gray	2	0.3125" x 0.250" (7.94 x 6.35 mm)		0.1 oz. (2.8 g)
VDV120-005-SEN	UTP Cable (Category 3, 5, 5e and 6)	Blue	1	Variable		0.1 oz. (2.8 g)
VDV110-020	Mini Coaxial Cable	Green	2	0.250" x 0.250" (6.35 x 6.35 mm)		0.1 oz. (2.8 g)
VDV113-021	RG58/RG59/RG62 Coaxial Cable	Green	3	0.234" x 0.234" x Variable (5.95 x 5.95 mm x Variable)		0.1 oz. (2.8 g)
VDV113-022	RG58/RG59/RG62 Coaxial Cable	Brown	3	0.109" x 0.312" x Variable (2.76 mm x 7.92 mm x Variable)		0.1 oz. (2.8 g)

See page 310 for additional information on warnings.



## Coaxial Connector Crimp Tools

### Compression Crimper - Lateral, Multi-Connector

- One tool crimps most compression connectors to most coaxial cables - Minicoax, RG58, RG59, RG62, RG6, RG6QS, RG7, and RG11
- Unique cable selection wheel eliminates the need to change plunger tips, saving time and avoids losing parts
- Heavy-duty zinc die-cast chassis for durable, long lasting performance
- Open design with 180° capture mechanism provides easy insertion, complete compression and simple removal
- User-friendly F/BNC/RCA gauge markings on tool for accurate positioning and quick adjustments of the plunger
- Integrated handle lock for easy storage
- Spring loaded return increases user comfort and ease of use
- Yellow and black contoured grips enhance comfort, visibility and allow quick identification



VDV211-063



Connector markings for quick adjustments.

Cat. No.	Color	Type	Cable Type	Connectors	Overall Length	Weight
VDV211-063	Yellow/Black	Compression Crimper	Coaxial	BNC, F, RCA	6-1/4" (158.8 mm)	1.2 lbs. (0.54 kg)

### Compression Crimper - Compact, Multi-Connector

- Fast, reliable multiple-type compression connector installations
- Crimps compression BNC, F and RCA connectors to coaxial cable
- Adjustable universal plunger ensures accurate crimps on multiple types of connectors
- Open design with 180° capture mechanism provides easy insertion, complete compression and simple removal of cable and connector
- User-friendly F/BNC/RCA gauge markings on tool for accurate positioning and quick adjustments of the plunger
- Compact tool with integrated handle lock for easy storage
- Spring loaded return increases user comfort and ease of use
- Yellow contoured grips enhance comfort, visibility and allow quick identification
- Steel body with chrome finish resists corrosion and extends tool life



VDV211-048



Connector markings for quick adjustments.

Cat. No.	Color	Type	Cable Type	Connectors	Overall Length	Weight
VDV211-048	Yellow/Chrome	Compression Crimper	Coaxial	BNC, F and RCA	5-19/32" (142.1 mm)	8.0 oz. (227 g)

### Compact, F-Connector

- Fast, reliable F-connector installation tool
- Steel body with black-oxide finish for corrosion resistance and durability
- Fixed plunger allows quick, easy insertion and removal of cable and connector
- Fixed plunger accepts many common F-connector compression fittings
- Compact tool with integrated handle lock
- Yellow and black grips enhance comfort, visibility, and allow quick identification
- Spring loaded return increases user comfort and ease of use



VDV212-008

Cat. No.	Color	Type	Cable	Connectors	Overall Length	Weight
VDV212-008-SEN	Yellow/Black	Compression Crimper	Coaxial	Common F Connectors	5-19/32" (142.1 mm)	9.8 oz. (278 g)



## Twisted Pair Crimp/Strip Tools

### Compact Ratcheting Modular Crimper

- All-inclusive tool cuts, strips and crimps voice and data cables
- Cuts and strips CAT6, CAT5e, CAT3 and flat-satin voice cables
- Crimps 4, 6 and 8 position modular connectors
- Heavy-duty ratchet ensures complete termination
- Direct lateral crimp action provides more even, precise contact termination across all pins
- Compact, ergonomic design for natural, single-hand operation
- About 40% smaller than other crimpers for easy storage
- Quick reference connector wiring diagrams provided on the tool and downloadable to your mobile device



VDV226-107

Heavy-duty ratchet

Cat. No.	Color	Cuts & Strips	Crimps Connectors	Position/Pair/Conductors	Overall Length	Weight
VDV226-107	Yellow/Black	STP/UTP Data Cable Flat Satin Phone Cable 28 - 22 AWG (0.08 - 0.34 mm <sup>2</sup> )	RJ11, RJ12 and RJ45	6-Position, 2-Pair/4-Conductor; 6-Position, 3-Pair/6-Conductor; 8-Position, 4-Pair/8-Conductor	5-1/4" (133.4 mm)	11.2 oz. (318 g)

### Ratcheting Modular Crimper/Stripper

- Fast, reliable modular-crimp connector installation for voice and data applications
- All-in-one tool, cuts, strips and crimps paired-conductor cables (round STP/UTP and flat-satin phone cable)
- Crimps 4, 6, and 8 position modular connectors (RJ22, RJ11/RJ12 and RJ45)
- Crimping dies are precision ground from high-carbon steel
- Ratchet safety-release and a blade-guard on cutting and stripping knives reduce risk of injury
- Full-cycle ratchet mechanism prevents the release of the connector prior to full compression
- Yellow and black grips enhance comfort, visibility, and allow quick identification
- Not for use with AMP® connectors
- Replacement blade set available (Cat. No. VDV999-064)



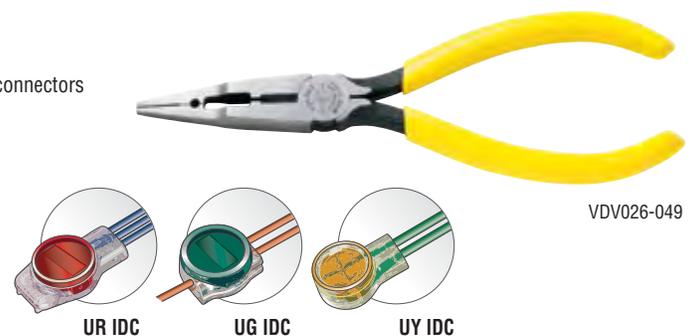
VDV226-011

Cat. No.	Color	Cuts & Strips	Crimps Connectors	Position/Pair/Conductors	Overall Length	Weight
VDV226-011-SEN	Yellow/Black	STP/UTP, Flat Satin Phone Cable, and 22-28 AWG (0.08 - 0.34 mm <sup>2</sup> )	RJ11, RJ12, RJ22, and RJ45	4-Position, 1-Pair/2-Conductor, 4-Position, 2-Pair/4-Conductor 6-Position, 2-Pair/4-Conductor, 6-Position, 3-Pair/6-Conductor, 8-Position, 4-Pair/8-Conductor	7-1/2" (190.5 mm)	11.3 oz. (320 g)

AMP® is a registered trademark of TYCO, Inc.

### Long-Nose Pliers - Connector Crimping

- Crimps UR/UY/UG insulation displacement connectors (IDC) - Scotchlok® type connectors
- Grooved jaws for wire wrapping, looping and twisting
- Cleanly strips 23 AWG and 24 AWG wire
- Hot-riveted joint ensures smooth action and no handle wobble
- Induction-hardened cutting surface for long life



VDV026-049

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Diameter	Handle Finish	Handle Color	Weight
VDV026-049	6-51/64" (172.6 mm)	2" (50.8 mm)	45/64" (17.9 mm)	3/8" (9.5 mm)	7/16" (11.1 mm)	0.095" x 0.125" (2.41 mm x 3.17 mm)	Plastic Dipped	Yellow	4.5 oz. (128 g)

Scotchlok® is a registered trademark of 3M Corporation.

See page 310 for additional information on warnings.



## Punchdown Tools & Accesories

### Punchdown Screwdriver Multi-Tool

- Terminate and cut wire in one step with 110/66 combination cut-type punchdown blade with precision ground cutting edge
- Non-impact wire termination
- Machine-tooled steel bits for superior strength
- Heavy-duty blade barrel provides storage for bits
- Bayonet-style (twist & lock) socket accepts most manufacturers' punchdown blades
- Cushion-Grip handle for greater torque and enhanced comfort
- Tip-Ident™ for quick identification of tool
- Two Phillips screwdriver tips: #1 and #2
- Two slotted screwdriver tips: 3/16" and 1/4"
- Two nut drivers: 1/4" and 3/8"
- One hex key: 3/8"



US Patent: 8856994

Cat. No.	Color	Included Bits/Blades	Finish	Overall Length	Weight
VDV001-081	Yellow/Black	66/110 Terminate and Cut, #1 and #2 Phillips, 3/16" (4.8 mm) and 1/4" (6.4 mm) Slotted, 1/4" and 3/8" Nut Driver, 3/8" Hex-Key	Chrome	8" (203.2 mm)	9.4 oz. (266 g)

### Cushion-Grip Impact Punchdown Tools

- 4-piece tool kit for complete termination of 110/66 panels, cross-connect systems and wall jacks
- Cushion-Grip Impact Punchdown Tool (VDV427-821) includes a "Hi/Lo" impact functionality for adjustable compression force on various wire gauges, blocks and jacks
- The punchdown tool also has an integrated, extra-long shaft for reaching into bulky/crowded blocks and a heavy-duty metal collar for strength and longevity
- A unique Cushion-Grip handle reduces hand fatigue and provides superior comfort when using the punchdown tool
- Pick-up, separate or remove wires, small components, covers or debris from panels, blocks or jacks with the Wire Pick (VDV327-103)
- The Wire Pick body is made of non-conductive material to prevent shorts. It also has a metal hook end and a non conductive spudger end
- The Dura-Blade 110/66 Cut Combination Punchdown Blade (VDV427-104) is manufactured using a metal injecting molding (MIM) technology for better quality, durability and performance
- The blade has both 110 and 66 cut/terminate edges for clean, accurate wire insertion and trimming. It is compatible with most bayonet style (twist & lock) socket punchdown tools
- The kit-exclusive Multi-Pocket Pouch has separate compartments to store tools, a metal belt clip and a reinforced puncture-resistant bottom



US Patent: D718585

Cat. No.	Set Contains	Overall Length	Weight
VDV427-822		9.125" (232 mm)	14.9 oz. (422 g)
Cat. No.	Description	Blade Configuration End 1	Blade Configuration End 2
VDV427-821	Cushion-Grip Impact Punchdown Tool w/Dura-Blade™	110 Terminate and Cut	66 Terminate and Cut
VDV327-103	Wire Pick	Hook	Spudger
VDV427-104	Dura-Blade™ 110/66 Cut Punchdown Blade	110 Terminate and Cut	66 Terminate and Cut
kit exclusive	Multi-pocket pouch with reinforced puncture-resistant bottom		

\*Items also sold separately





## Punchdown Tools & Accessories

### Punchdown Multi-Tool with 110/66 Blade

- Patented locking impact mechanism allows non-impact operation and sure driving with a variety of optional WorkEnds™ driver bits
- Terminate and cut wire in one step with included precision ground combination 110/66 blade
- Integrated hook and spudger for fast, easy manipulation of wire and small components
- Selectable (Hi/Low) impact-force settings
- Spring loaded for fast, low effort seating and terminating
- Dual material contoured chassis provides greater control and enhances comfort
- Blade storage compartment with spring loaded locking mechanism
- Color-coded yellow on the cut side of the tool
- Hook and spudger neatly and compactly store in the chassis, out of the way when not in use
- Induction-hardened high-carbon steel for durability and long life
- Cat. No. VDV427-807 Includes WorkEnds™ Kit with WorkEnds™ adapter, reach extension, and 4 driver bits (#1 and #2 Phillips and 3/16" and 1/4" Slotted) in a convenient carrier
- Replacement blades/accessories available



VDV427-807



Cat. No.	Set Contains	Overall Length	Weight
VDV427-807	Punchdown Multi-Tool with 110/66 Blade & WorkEnds	7.88" (200 mm)	7.5 oz. (213 g)
Cat. No.	Color	Blade Configuration End 1	Blade Configuration End 2
VDV427-104	Chrome	110 Terminate and Cut	66 Terminate and Cut
VDV770-050	—	Proprietary Magnetic Hex	1/4" Female Hex

### Impact Punchdown Tools

- Terminate cable in variety of cross-connect panels, blocks and keystone jacks
- Spring loaded for fast, low effort seating and terminating
- Selectable (Hi/Low) impact-force settings
- Rubber finger grips and boot provide greater control and enhanced comfort
- Blade storage compartment with spring loaded locking mechanism
- Bayonet style (twist & lock) socket accepts most manufacturers' tools and blades
- Induction-hardened high-carbon steel for durability and long life
- Replacement blades available



VDV427-800



VDV427-104



VDV427-015-SEN

Cat. No.	Set Contains	Overall Length	Weight
VDV427-800-SEN	Impact Punchdown Tool, Combo 66/110 Type	7" (177 mm)	5.7 oz. (162 g)
Cat. No.	Color	Blade Configuration End 1	Blade Configuration End 2
VDV427-013	Yellow/Black	—	—
VDV427-104	Chrome	110 Terminate and Cut	66 Terminate and Cut

Cat. No.	Set Contains	Overall Length	Weight
VDV427-805-SEN	Impact Punchdown Tool 110 Type	7.1" (180 mm)	5.6 oz. (158.7 g)
Cat. No.	Color	Blade Configuration End 1	Blade Configuration End 2
VDV427-013	Yellow/Black	—	—
VDV427-015-SEN	Black	110 Terminate	110 Terminate and Cut

### Dura-Blade™ 110/66 Cut Combination Punchdown Blade

- Dura-Blade™ is manufactured using metal injecting molding (MIM) technology for better quality, durability and performance
- Precise cutting-edge for clean, accurate wire insertion, termination and trimming
- Dual 110 and 66 cut and terminate ends for versatility
- Easy blade insertion with bayonet-style (twist & lock) form factor
- Compatible with most bayonet style (twist & lock) socket punchdown tools
- See our Cushion-Grip Impact Punchdown Tool Kit (VDV427-822) for everything required to install and maintain 110 and 66 panels, cross-connect systems and wall jacks



VDV427-104

Cat. No.	Color	Blade Configuration End 1	Blade Configuration End 2	Overall Length	Weight
VDV427-104	Chrome	110 Terminate and Cut	66 Terminate and Cut	2-13/64" (56.0 mm)	0.6 oz. (17 g)

See page 310 for additional information on warnings.



## Punchdown Tools & Accessories

### Punchdown Accessories

- Blades compatible with Klein® punchdown tools and other bayonet style (twist & lock) socket tools
- Precision ground cutting-edge for clean, precise wire termination (depending on blade type)
- Terminate, and adjust cable in variety of cross-connect panels, blocks and keystone jacks
- Induction-hardened high-carbon steel blades for durability and long life
- Reversible blades with termination/cutting ends and termination only ends (depending on blade type)
- WorkEnds™ Kit converts the Punchdown Multi-Tool chassis (Cat. No. VDV427-047) into a multi-bit driver
- Wire Pick (Cat. No. VDV327-103) is a professional pick/probe/spudger for precise maintenance of wires on blocks or jacks



VDV427-015



VDV427-016



VDV770-050\*



VDV327-103

Cat. No.	Description	Color	Blade Configuration End 1	Blade Configuration End 2	Overall Length	Weight
VDV327-103	Wire Pick	Yellow	hook	spudger	7-1/4" (184.2 mm)	0.1 oz. (2.8 g)
VDV427-015-SEN	Punchdown Tool Blade 110 Type	Black	110 Terminate	110 Terminate and Cut	2-3/32" (53.2 mm)	0.5 oz. (14 g)
VDV427-016-SEN	Punchdown Tool Blade 66 Type	Black	66 Terminate	66 Terminate and Cut	2-19/64" (58.3 mm)	0.6 oz. (17 g)
VDV427-104	Dura-Blade™ 110/66 Cut Punchdown Blade	Chrome	110 Terminate and Cut	66 Terminate and Cut	2-13/64" (56.0 mm)	0.6 oz. (17 g)
VDV770-050	WorkEnds Kit	—	Proprietary Magnetic Hex	1/4" Female Hex	3013/64" (81.4 mm)	1.4 lbs. (0.64 kg)

\*WorkEnds™ Kit is only compatible with VDV427-047, VDV427-806 and VDV427-807.

## Crimp Tool and Die Sets

### Ratcheting Crimper Frame

- Professional CATV, electrical, home theater, satellite and security system ratcheting crimper frame with optional dies is perfect for fast, reliable connector installations
- Full-cycle ratchet action assures a complete, precise crimp every cycle
- Preset tension for optimum performance
- Ratchet mechanism is designed to prevent the release of the connector prior to full compression
- Safety crimp release helps eliminate rejected terminations due to incorrect positioning
- Steel body with black-oxide finish for corrosion resistance and durability
- Thumb-screws secure die-sets for quick, easy changes
- Optional, quick interchangeable die sets thumb and Phillips screw set available (see table)



VDV200-010

Cat. No.	Overall Length	Weight
VDV200-010	8-3/4" (222.3 mm)	1.2 lbs. (0.54 kg)

### Coaxial Hex-Crimp Die Sets

**NOTE:** Use caution when tightening thumb screws to prevent thread damage/stripping and hand tighten only; do not over-tighten the thumb screws. Over-tightening thumb-screws can damage the tool and/or die set.

Cat. No.	Die Set	Nest Dimensions	Cat. No.	Die Set	Nest Dimensions	Cat. No.	Die Set	Nest Dimensions
VDV999-033	Replacement Screw Set (Thumb and Phillips)	N/A	VDV211-037	RG58 RG59 RG6 RG62	0.256", 0.319", 0.068", 0.213" 6.50 mm, 8.10 mm, 1.73 mm, 5.41 mm	VDV211-041	RG58 RG59 RG6 RG62	0.255", 0.213", 0.098", 0.068", 0.321" 6.48 mm, 5.41 mm, 2.49 mm, 1.73 mm, 8.15 mm
VDV212-034	CATV F Connectors RG59 RG6	0.255", 0.320", 0.350" 6.48 mm, 8.13 mm, 8.89 mm	VDV211-038	RG58 RG59 RG6 RG62	0.256", 0.068", 0.213" 6.50 mm, 1.73 mm, 5.41 mm	VDV201-042	RG174 RG179 Belden 8218 and Fiber Optic	0.042", 0.068", 0.078", 0.128", 0.151", 0.178", 1.07, 7.73, 1.98, 3.25, 3.84, 4.52 mm
VDV205-035	Insulated Terminals, AWG 10-22	AWG 22 - 18/ 16 - 14/ 12 - 10 DIN 0.5 - 1.0/ 1.5 - 2.5/ 4 - 6 mm <sup>2</sup>	VDV205-039	Pin Terminal Insulated or Non-Insulated Ferrules, AWG 12-22	AWG 22/20/ 18/16/14/12 DIN 0.5/0.75/ 1.0/ 1.5/2.5/ 4 mm <sup>2</sup>	VDV211-043	RG8 RG11 RG174 RG179 RG213	0.100"/0.128"/ 0.429" 2.54/3.25/ 10.90 mm
VDV205-036	Non-Insulated Terminal or Open Barrel Terminal, AWG 10-20	AWG 20 - 18/ 16 - 14/ 12 - 10 DIN 0.5 - 1.5 - 2.5/ 4 - 6 mm <sup>2</sup>	VDV201-040	RG58 RG59 RG62 RG174 Fiber Optic	0.043", 0.068", 0.100", 0.137", 0.213", 0.255", 1.09, 1.73, 2.54, 3.48, 5.41, 6.48 mm	VDV205-044	Non-Insulated Terminal, AWG 8-18	AWG 18 - 16/ 14/ 12 - 10/ 8 DIN 0.75 - 1.5/ 2.54/ 4 - 6/ 10 mm <sup>2</sup>



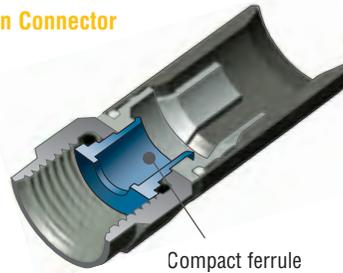


## Coaxial Cable Connectors

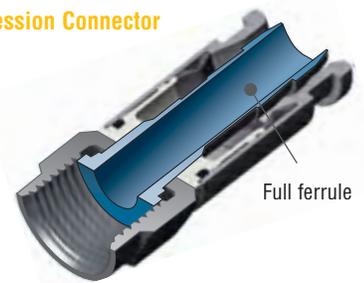
### Klein Tools' Universal Compression Connector

**Installs up to 5X faster!**

Patented universal sleeve design provides excellent holding power and signal strength.



### Standard Compression Connector



Universal					Standard	
Connector Type	F-Connector		BNC-Connector		F-Connector	
Crimping Type	Compression		Compression		Compression	
Cable Type:						
RG59	•		•			
RG6		•		•		•
RG6 QUAD SHIELD		•		•		
Universal Sleeve	•	•	•	•		
Outdoor Use						•
Cat. Nos:						
Pack Size: 10	VDV812-615	VDV812-606	VDV813-616	VDV813-607	VDV812-623	
Pack Size: 35			VDV813-619	VDV813-613		
Pack Size: 50	VDV812-618	VDV812-612			VDV812-624	
Klein Crimping Tools	VDV211-063, VDV211-048			VDV211-063, VDV211-048, VDV212-008-SEN		

### Universal Compression Connectors

- Fit all manufacturers' diameter variations within a cable series
- Fit difficult to work with multi-shield and plenum cables
- For indoor use only

#### F • RG59



VDV812-615

#### F • RG6-RG6Q



VDV812-606

#### BNC • RG59



VDV813-616

#### BNC • RG6-RG6Q



VDV813-607

Cat. No.	Connector Type	Cable Type	Package Quantity
VDV812-615	F-Connector	RG59	10
VDV812-618	F-Connector	RG59	50
VDV812-606	F-Connector	RG6/6Q	10
VDV812-612	F-Connector	RG6/6Q	50
VDV813-616	BNC Connector	RG59	10
VDV813-619	BNC Connector	RG59	35
VDV813-607	BNC Connector	RG6/6Q	10
VDV813-613	BNC Connector	RG6/6Q	35

### Standard Compression Connectors

- Full ferrule design
- Solid brass construction with nickel-plated finish
- Best choice for outdoors
- Great for satellite dishes



VDV812-623

Cat. No.	Connector Type	Cable Type	Package Quantity
VDV812-623	F-Connector	RG6	10
VDV812-624	F-Connector	RG6	50

### Push-On Connectors

- Patented, tool-less, easy grip design
- Fits most major brands
- For indoor use only



VDV812-627

Cat. No.	Connector Type	Crimping Type	Cable Type	Package Quantity
VDV812-627	F-Connector	Push-on	RG6/6Q	10

### F-Splice Adapter 3 GHz

- Patented gripping mechanism for optimal signal strength



VDV814-609

Cat. No.	Description	Package Quantity
VDV814-609	F-Splice Adapter 3 GHz	10



## Twisted Pair Connectors



Klein's data and telephone plugs are professional-grade and deliver consistent, reliable performance.

They feature thick 50 micro-inch gold plating on the contact plates, three-pronged solid and stranded wire contacts, and durable connector housings. Expect a sure connection each and every time.



Connector Type	UY	UR	RJ11	RJ11	RJ45	
Position & Contacts	2P2C	3P3C	6P4C	6P6C	8P8C	
Connector Design	1-Piece	1-Piece	1-Piece	1-Piece	1-Piece	3-Piece
Gold Plating Thickness (micro-inch)			50µ"	50µ"	50µ"	50µ"
Cable Type:						
CAT 3	●	●	●	●		
CAT 5					●	
CAT 5e					●	
CAT 6						●
Solid Conductor Wire	●	●	●	●	●	●
Stranded Conductor Wire					●	●
Connector Color	Yellow	Red	Clear	Clear	Clear	Clear
Cat. No.						
Pack Size: 10					VDV826-628	
Pack Size: 25	VDV826-604	VDV826-605	VDV826-601	VDV826-600		VDV826-603
Pack Size: 50					VDV826-602	
Pack Size: 100					VDV826-611	
Crimping Type	IDC		Modular Plug Connector			
Klein Crimping Tools	D234-6, D234-6C, VDV026-049		VDV226-011-SEN, VDV226-107			

### RJ45 Modular Data Plugs

- 8 position 8 contact
- For solid or stranded conductors

Cat. No.	Connector Type	Cable Type	Connector Color	Package Quantity
VDV826-628	RJ45	CAT 5/CAT 5e	Clear	10
VDV826-602	RJ45	CAT 5/CAT 5e	Clear	50
VDV826-611	RJ45	CAT 5/CAT 5e	Clear	100
VDV826-603	RJ45	CAT 6	Clear	25



### RJ11 Telephone Plugs

- 6 position 4 contact for 1 or 2 line telephones
- 6 position 6 contact for 1, 2 or 3 line telephones



6P4C

6P6C

VDV826-600

Cat. No.	Connector Type	Position & Contacts	Connector Color	Package Quantity
VDV826-601	RJ11	6P4C	Clear	25
VDV826-600	RJ11	6P6C	Clear	25

### Insulation Displacement Connectors

- Insulation displacement connector to add or terminate a telephone line
- Gel-filled for moisture resistance



VDV826-604  
2 wire (26-22 AWG)



VDV826-605  
3 wire (26-19 AWG)

Cat. No.	Connector Type	Position & Contacts	Connector Color	Package Quantity
VDV826-604	UY	2P2C	Yellow	25
VDV826-605	UR	3P3C	Red	25



## Voice/Data/Video Tool Kits

### VDV ProTech™ Kits

- For data and coaxial cable installations



VDV026-831



VDV011-832



VDV001-833

Cat No.	Product	Description	VDV026-831	VDV011-832	VDV001-833
VDV000-133	 VDV ProTech™ Transport	Lightweight tool case with 12 organizational compartments for small parts and a large, open section to hold hand tools	•	•	•
VDV826-600	 Telephone Plug - RJ11 - 6P6C	Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – for 1, 2 or 3 line telephones	• 25 pack		• 25 pack
VDV826-603	 Modular Data Plug – RJ45 - CAT6	Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – 8 position, 8 contact 3-piece design for solid and stranded wire	• 25 pack		• 25 pack
VDV826-628	 Modular Data Plug – RJ45 - CAT5e	Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – 8 position, 8 contact for solid or stranded wire	• 10 pack (x2)		• 10 pack (x2)
VDV812-606	 Universal F Compression Connector – RG6/6Q	Patented universal sleeve technology installs up to 5X faster and fits all diameter variations of RG6/6Q cable		• 10 pack (x2)	• 10 pack (x2)
VDV812-615	 Universal F Compression Connector – RG59	Patented universal sleeve technology installs up to 2X faster and fits all diameter variations of RG59 cable		• 10 pack	• 10 pack
VDV812-623	 F Compression Connector – RG6	All metal construction with dual O-ring to seal out moisture – satellite provider approved		• 10 pack (x2)	• 10 pack (x2)
VDV813-607	 Universal BNC Compression Connector – RG6/6Q	Patented universal sleeve technology installs up to 5X faster and fits all diameter variations of RG6/6Q cable		• 10 pack	• 10 pack
VDV813-616	 Universal BNC Compression Connector - RG59	Patented universal sleeve technology installs up to 2X faster and fits all diameter variations of RG59 cable		• 10 pack	• 10 pack
2100-8	 Free-Fall Snip – Stainless Steel	Stainless steel blades maintain blade durability and sharpness when cutting 19 and 23 AWG wire	•		•
VDV226-107	 Compact Ratcheting Modular Crimper	All inclusive tool cuts, strips and crimps data cables and modular data plugs	•		•
VDV211-048	 Compression Crimper – Compact, Multi-Connector	Crimps compression (F, BNC, RCA) connectors to coaxial cable		•	
VDV211-063	 Compression Crimper-Lateral, Multi-Connector	One tool crimps most compression (F, BNC, RCA) connectors to most coaxial cables including Mini-Coax, RG58, RG59, RG62, RG6Q, RG7 and RG11			•
VDV110-061	 Coax Cable Stripper – 2-Level, Radial	Provides one step, two-level stripping: 5/16" (7.9 mm) and 1/4" (6.4 mm)		•	•
63020	 Multi-Cable Cutter Klein-Kurve™	Cutter has a wide range of blades designed to cut various types of cable including solid and stranded copper wire, RG-59, RG6Q and RG-62 coaxial cable as well as other conductors		•	
VDV600-096	 Coaxial Cable Cutter – CCS	Cutter features a custom notch for CCS coaxial cable and standard shears for general purpose of cable including RG59, RG6, RG6Q, RG7, RG11 and Twisted pair copper wire.			•

See page 310 for additional information on warnings.



## Voice/Data/Video Tool Kits

### Coax Installer Starter Kit-F-Connectors

- Includes the tools needed to prepare and connect F-connectors
- Durable nylon tool pouch designed specifically for F-connector installation tools
- Additional pocket holds a screwdriver or common AA battery flashlights
- Pouch includes a closeable pocket that will hold up to 25 compression F-connectors (F-connectors not included)
- Tunnel-loop accommodates up to 2" belt



VDV012-811

Cat. No.	Kit Contains	Weight
VDV012-811		1.4 lbs. (0.64 kg)

Cat. No.	Description
63020	Multi-Cable Cutter Klein-Kurve®
VDV110-802-SEN	Radial Cartridge Stripper
VDV212-008-SEN	Compression Crimper Compact, F-Connector
kit exclusive	5-pocket nylon tool pouch plus closeable consumables pocket

### LAN Installer Starter Kit - Modular

- Includes the tools needed to prepare, connect and test modular cables
- Durable nylon tool pouch designed specifically for modular plug installation tools
- Two additional pockets hold a screwdriver and common AA battery flashlights
- Pouch includes a closeable pocket that will hold up to 25 RJ45 plugs (RJ45 plugs not included)
- Tunnel-loop accommodates up to 2" belt



VDV026-812

Cat. No.	Kit Contains	Weight
VDV026-812		1.5 lbs. (0.68 kg)

Cat. No.	Description
2100-8	Free-Fall Snip Stainless Steel
VDV226-011-SEN	Ratcheting Modular Crimper/Stripper
VDV526-052	LAN Scout Jr. Tester
98554	Fine Point Permanent Markers
kit exclusive	5-pocket nylon tool pouch plus closeable consumables pocket

### LAN Installer Starter Kit - Punchdown

- Includes the tools needed to prepare and connect 66 type and 110 type punchdown terminal blocks
- Durable nylon tool pouch designed specifically for punchdown installation tools
- Two additional pockets hold a screwdriver and common AA battery flashlights
- Tunnel-loop accommodates up to 2" belt



VDV027-813

Cat. No.	Kit Contains	Weight
VDV027-813		14.1 oz. (399 g)

Cat. No.	Description
2100-8	Free-Fall Snip Stainless Steel
VDV427047	PUNCHDOWN MULTI-TOOL CHASSIS
VDV427-015-SEN	Punchdown Tool Blade 110 Type
VDV427-104	Dura-Blade™ 110/66 Cut Punchdown Blade
98554	Fine Point Permanent Markers
kit exclusive	4-pocket nylon tool pouch



## Voice/Data/Video Tool Kits

### Coax Installation & Test Kit

- Includes tools needed to prepare, connect and test coax cables
- Coax Cable Stripper 2-Level, Radial: Designed for easy single operation cable preparations
- Compression Crimper Compact F-Connector: Crimps compression F-connectors to coaxial cable quickly and reliably
- Coax Explorer™ Tester: Compact tool tests and verifies coaxial cable connections (good/open/short)
- Universal F-Compression Connectors - RG6 / RG6-QS: Patented universal sleeve connectors install up to 5X faster



Cat. No.	Kit Contains	Weight
VDV002-818		1.1 lbs. (0.50 kg)
Cat. No.	Description	
VDV212-008-SEN	Compression Crimper Compact, F-Connector	
VDV110-061	Coax Cable Stripper 2-Level, Radial	
VDV512-057	Coax Explorer Tester	
VDV812-606	Universal F Compression Connector RG6/6Q Pk 10	

VDV002-818

### Coax Push-On Connector Installation & Test Kit

- Includes tools needed to prepare, connect and test push-on coax cables
- Coax Cable Stripper 2-Level, Radial: Designed for easy single operation cable preparations
- Coax Explorer™ Tester: Compact tool tests and verifies coaxial cable connections (good/open/short)
- Push-On F-Connectors - RG6 / RG6-QS: Tool-less, patented cable grip design for easy installation and strong hold



Cat. No.	Kit Contains	Weight
VDV002-820		4.5 oz. (128 g)
Cat. No.	Description	
VDV110-061	Coax Cable Stripper 2-Level, Radial	
VDV512-057	Coax Explorer Tester	
VDV812-627	F Connector RG6/6Q Male Pk 10	

VDV002-820

### Modular Installation Kit

- Includes tools needed to prepare and connect modular cables
- Ratcheting Modular Crimper/Stripper: All-in-one tool cuts, strips and crimps paired-conductor cables (RJ11 / RJ12, RJ22, RJ45)
- Modular Data Plug - RJ45 - CAT5e: Thick 50 micro-inch gold plating and 3-pronged contacts with durable housing - 8 position, 8 contact for data cables
- Telephone Plug - RJ11 - 6P6C: Thick 50 micro-inch gold plating and 3-pronged contacts with durable housing - for 1, 2 or 3 line telephones



Cat. No.	Kit Contains	Weight
VDV226-817		12.2 oz. (345 g)
Cat. No.	Description	
VDV226-011-SEN	Ratcheting Modular Crimper/Stripper	
VDV826-628	Modular Data Plug, RJ45, CAT5e 10 Pk	
kit exclusive	Telephone Plug - Rj11 - 6P6C (10 pack)	

VDV226-817

See page 310 for additional information on warnings.



**WARNING:** Do NOT use on energized circuits or cabling systems.

## Voice/Data/Video Test & Measurement

### VDV Commander™

- VDV Commander™ Series locates, tests and measures coaxial, data (RJ45) and telephone (RJ11) cables
- Measure cable length and distance to a fault with Time Domain Reflectometry (TDR) technology
- Locate and identify cables with location ID remotes, Test-n-Map™ remotes, Link Light and Tone Generator\*
- Detect, identify and test Power over Ethernet (PoE)
- Perform active network (Ethernet) testing
- Save up to 256 cable or network tests and export to print reports
- Cat. No. VDV501-828: 1 Commander™ tester • Test-n-Map™ Remote #1 • 5 LanMap™ ID Remotes • 5 CoaxMap™ ID remotes • 1 test cable each for USB, RJ12 and RJ45 • 1 coax adapter • carrying case
- Cat. No. VDV501-829: 1 Commander™ tester • Test-n-Map™ Remote #1 • 1 PROBEplus Tone Tracing Probe • 20 LanMap™ ID Remotes • 20 CoaxMap™ ID remotes • 1 test cable each for USB, RJ12 and RJ45 • 1 coax adapter • carrying case



VDV501-828



VDV501-829



Cat. No.	Batteries	Battery Life	Height	Width	Depth	Weight
VDV501-828	6 AA Alkaline Included	20 Hours Active 10 Years Standby	6-51/64" (172.6 mm)	3-19/32" (91.3 mm)	1-27/32" (46.9 mm)	12.0 oz. (340 g)
VDV501-829	Commander: 6 AA Alkaline Included; Probe: 1 9V Alkaline Included	Commander: 20 Hours Active 10 Years Standby Probe: 25 Hours Active 4 Years Standby	6-51/64" (172.6 mm)	3-19/32" (91.3 mm)	1-27/32" (46.9 mm)	12.0 oz. (340 g)

\*Functionality requires analog probe VDV500-060 (included with Cat. No. VDV501-829)

### Features

	RJ-45 8-Wire Cables	●
	F-connector Coaxial Cables	●
	Telephone Cables	<b>with adapter</b>
	Wiremap	●
	Open Fault	●
	Short Fault	●
	Miswire Fault	●
	Split-Pair Fault	●
<b>Pass</b>	TIA-568A/B & Crossover/Uplink	●
	Active Ethernet Detects link speed and capabilities to 1 Gbps	●
	Single-End Cable Testing	●
	Test-n-Map™ Remote (Two End Testing) Test and Identify location in one step with remote	<b>supports up to 8</b>
	PoE Power Over Ethernet Testing	●
<b>TDR</b>	Time Domain Reflectometry Length Measurement Method	●
	Measures Cable Length	<b>1500 ft. / 457 m</b>
±(5% + 1 Ft.) ±(5% + 0.3 m)	Accuracy/ Measurement Resolution	●
	Link Light	●
<b>ID</b>	Cable Identification	<b>supports up to 20</b>
	Shield Detection	●
	Voltage Warning	●
	Low Battery Indicator	●
	Store Test Results	<b>256</b>
	Print / Export Custom Reports	●
	Multiple-style Tone Generator* Down to Single Conductor/Pair/Cable	<b>4</b>
	Color LCD Display	<b>2.7"</b>
	Multiple Languages	<b>ENG · ESP · FRA</b>
<b>Ft./m</b>	Imperial or Metric Results	●
<b>Apo</b>	Auto Power Off	●
	Customizable Setup	●
	USB interface (for PC connection)	<b>MICRO</b>
	Upgradable Firmware (via internet download & pc connection)	●

### VDV Commander™ Test-n-Map™ Remote Kit

- Maximize your VDV Commander™ with single-step Test-n-Map™ Remotes
- Test, map and identify a location in a single step
- Cuts testing and identification time in half
- Test and identify up to eight locations at once

Tester sold separately

Cat. No.	Test-n-Map™ Remotes	Coax F-Adapters	RJ45 jumper test cable	RJ11/RJ12 jumper cable	Verification Cables	Weight
VDV770-834	7	8	(8) 9" (228.6 mm)	(2) 9" (228.6 mm)	1	23.0 oz. (652 g)



VDV770-834



Voice/Data/Video Test & Measurement

# VDV Scout™ Pro 2 Series

CE	Features	VDV Scout™ Pro 2	VDV Scout™ Pro 2 LT
		VDV501-823 VDV501-824	VDV501-825 VDV501-826
	Tests RJ45 8-wire cables	●	●
	Tests RJ11/12 6-wire cables	●	●
	Tests F-connector coaxial cables	●	●
	Continuity testing	●	●
<b>Pass</b>	TIA-568A/B & crossover/uplink	●	●
	Wiremap	●	●
	Detects open faults	●	●
	Detects short faults	●	●
	Detects miswires	●	●
	Detects split pairs	●	●
	<b>Measures cable length</b>	—	●
	Test-n-Map™ Remotes	<b>Supports up to 8</b>	<b>Supports up to 8</b>
<b>ID</b>	Twisted-pair (RJ45) cable ID location remotes	<b>Supports up to 19</b>	<b>Supports up to 19</b>
	Coaxial F-connector cable ID location remotes	<b>Supports up to 19</b>	<b>Supports up to 19</b>
	Multiple-style Tone Generator	<b>4 Tones</b>	<b>4 Tones</b>
	Low battery indicator	●	●
	Voltage warning	●	●
	Shield detection	●	●
<b>Apo</b>	Auto power off	●	●



VDV501-825  
VDV501-826



VDV501-824



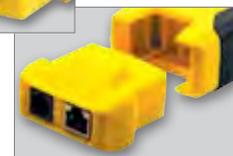
VDV501-823



Top View: RJ45, RJ11/12 and F-connector ports



VDV501-823 Self Storing Remote



VDV501-824, VDV501-825 and VDV501-826 Test-n-Map™ Self Storing Remote

## Maximize your VDV Scout™ Pro with Test-n-Map™ Remotes

- Test, map and identify a location in a single step
- Cuts testing and identification time in half
- Test and identify up to eight locations at once

### Test-n-Map™ Remote Kit Compatibility Chart

Cat. No.	Description	Kit No.	Button Color	Compatibility
VDV501-098	VDV Scout™ Pro 2 Tester	VDV501-823, VDV501-824		YES
VDV501-108	VDV Scout™ Pro 2 LT Tester	VDV501-825, VDV501-826		YES
VDV501-053	VDV Scout™ Pro Tester	VDV501-809		NO



See page 310 for additional information on warnings.



**WARNING:** Do NOT use on energized circuits or cabling systems.

## Voice/Data/Video Test & Measurement

### VDV Scout™ Pro 2 Series

- Tests continuity on voice (RJ11/12), data (RJ45) and video (F-connector) connections
- Locates cable runs to wall outlets with location ID remotes
- Compatible with single-step Test-n-Map™ Remotes
- Supports multiple tones and control of pins carrying tone with integrated tone generator†
- Measures cable length in feet or meters (LT models only) †Requires analog tone probe — sold separately



VDV501-824



VDV501-823



VDV501-825



VDV501-826



VDV770-827

		VDV Scout™ Pro 2 Tester Kit	VDV Scout™ Pro 2 Tester & Test-n-Map™ Remote Kit	VDV Scout™ Pro 2 LT Tester & Remote Kit	VDV Scout™ Pro 2 LT Tester & Test-n-Map™ Remote Kit	VDV Scout™ Pro 2 Test-n-Map™ Remote Kit
Items Included	Cat. No.	VDV501-823	VDV501-824	VDV501-825	VDV501-826	VDV770-827
VDV Scout™ Pro 2 Tester	VDV501-098		VDV501-098	—	—	—
VDV Scout™ Pro 2 LT Tester	—	—	—	VDV501-108	VDV501-108	—
Test-n-Map™ Remotes	—	—	<b>8</b>	<b>1</b>	<b>8</b>	<b>8</b>
LanMap™ Cable Identification Location Remotes	<b>5</b>	—	—	<b>19</b>	—	—
CoaxMap™ Cable Identification Location Remotes	<b>5</b>	—	—	<b>19</b>	—	—
Coax barrel F adapter (female to female)	<b>1</b>	—	<b>1</b>	<b>1</b>	<b>1</b>	—
Coax push-on F adapter (threaded male to push-on female)	—	—	<b>8</b>	—	<b>8</b>	<b>8</b>
RJ45 jumper test cable (9")	—	—	<b>8</b>	—	<b>8</b>	<b>8</b>
9V battery	●	●	●	●	●	—
Carrying case	—	—	●	●	●	●
Dimensions						
Height		2.75" (70 mm)	9" (229 mm)	9" (229 mm)	9" (229 mm)	9" (229 mm)
Width		6.3" (160 mm)	13" (330 mm)	11.5" (292 mm)	13" (330 mm)	13" (330 mm)
Depth		1.38" (35 mm)	4.375" (111 mm)	2" (51 mm)	4.375" (111 mm)	4.375" (111 mm)
Weight		13 oz. (369 g)	63 oz. (1786 g)	34 oz. (964 g)	63 oz. (1786 g)	56 oz. (1588 g)



## Voice/Data/Video Test & Measurement

### LanMap™ Kit for VDV Scout™ Pro Series Tester

- Identify and map twisted-pair (RJ45) infrastructure, up to 19 locations
- For use with VDV Scout™ Pro Series and VDV Commander™ testers
- Heavy-duty design for long life and repeated connections
- Remotes numbered 1 through 19 for fast and accurate identification



Cat. No.	Height	Width	Depth	Weight
VDV526-055	3" (76.2 mm)	3-19/64" (83.7 mm)	1-13/32" (35.6 mm)	1.9 oz. (54 g)



VDV526-055

### CoaxMap™ Kit for VDV Scout™ Pro Series Tester

- Identify and map coaxial (F-connector) cable infrastructure, up to 19 locations
- For use with VDV Scout™ Pro Series and VDV Commander™ testers
- Heavy-duty design for long life and repeated connections
- Remotes numbered 1 through 19 for fast and accurate identification



Cat. No.	Height	Width	Depth	Weight
VDV512-056	3" (76.2 mm)	3-19/64" (83.7 mm)	1" (25.4 mm)	5.2 oz. (147 g)



VDV512-056

### VDV Scout™ Pro Series Carrying Case

- Custom designed compartments hold tester and accessories securely
- Dual zipper-pulls for quick access and EVA foam to cushion and protect
- Flexible case can accommodate various products and configurations
- Designed for use with VDV Scout™ Pro Series, LanMap™ and CoaxMap™ Kits



VDV770-080

Products not included

Cat. No.	Height	Width	Depth	Weight
VDV770-080	11-1/2" (292.1 mm)	8-3/4" (222.3 mm)	2-1/4" (57.2 mm)	15.0 oz. (425 g)



## Voice/Data/Video Test & Measurement

### LAN Scout™ Jr. Tester

- Tests continuity on twisted pair data wiring (RJ45) connections
- Integrated tone generator supports multiple tones and control of individual wires carrying tone
- Heavy-duty ports are designed for long life and repeated connections
- Large display for easy identification
- Compact, contoured dual-material chassis fits comfortably in your hand

Features	VDV526-052
RJ45 8-wire Cables	●
Continuity Testing	●
<b>Pass</b> TIA-568A/B & Crossover/Uplink	●
<b>LED</b> LCD Display	●
Wiremap	●
Open Fault	●
Short Fault	●
Miswire Fault	●
Split Pair Fault	●
Multiple Style Tone Generator	<b>4</b>
Self-Storing Remote	●
Low Battery	●
<b>Apo</b> Auto Power Off	●
Voltage Warning	●
Shield Detection	●



RJ45 Port



Self Storing Remote



VDV526-052



Cat. No.	Batteries	Height	Width	Depth	Weight
VDV526-052	6V to 4 x Lr44 Alkaline	4-39/64" (117.1 mm)	2-19/64" (58.3 mm)	1-7/64" (28.2 mm)	4.0 oz. (113 g)

### Coax Explorer™ Testers

- Tests and verifies coaxial cable continuity
- Compact size fits easily into pocket or pouch
- Bright LED indicates cable status (good/open/short)
- Simple push-button operation
- Cat. No. VDV512-058 includes color coded remotes and a convenient remote holder to test up to 4 locations at once



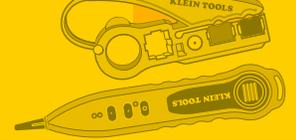
VDV512-058



Cat. No.	Location ID	Batteries	Height	Width	Depth	Weight
VDV512-058	4	Lithium Non-Replaceable	5-39/64" (142.5 mm)	1-3/32" (27.8 mm)	1-1/4" (44.5 mm)	3.3 oz. (95 g)
VDV512-057	1	Lithium Non-Replaceable	2-45/645" (68.7 mm)	1-3/32" (27.8 mm)	45/64" (17.9 mm)	1.3 oz. (37 g)



VDV512-057



## Voice/Data/Video Test & Measurement

### PROBEplus-Tone Tracing Probe

- Trace wire paths and identify cables in common wiring systems
- Amplifier overload LED improves accuracy, warning against misreads
- Dual mode power button with Power-On LED indicator - tap or hold
- Recessed buttons prevent accidental operation
- Works with other manufacturers' analog tone generators
- Replacement tips available (Cat. No. VDV999-065)



VDV500-060



Features	VDV500-060
<b>O.L.</b> Amplifier Overload Indication	●
Adjustable Digital Volume Control	●
Tap-Mode Operation	●
Hold-Mode Operation	●
Power-On LED Indicator	●
Visual Notification	●
<b>Apo</b> Auto Power-Off	●
Low Battery Indicator	●
Replaceable Tip	●
Lanyard Attachment Loop	●

Cat. No.	Battery	Battery Life	Height	Width	Depth	Weight
VDV500-060	9V Not Included	25 Hours Active 4 Years Standby	9-29/32" (251.6 mm)	2" (50.8 mm)	1-9/64" (29.0 mm)	6.0 oz. (170 g)

### TONEcube-Tone Generator

- Trace wire paths and identify cables in common wiring systems
- Five discrete tracing tones selected by tone switch
- Constant output level over useful battery life
- Momentary slide switches prevent accidental operation
- Heavy-duty leads with rugged dual-mode modular plug for direct connection to RJ11/RJ12 and RJ45 jacks via RJ12 plug
- Works with other manufacturers' analog tone probes



VDV500-051



Features	VDV500-051
Tones	5
Heavy-Duty Leads	●
Rugged Universal RJ11/RJ12/RJ45 Modular Plug	●
Continuity Testing	●
<b>O.L.</b> Voltage Overload Protection	●
<b>+/-</b> Line Status & Polarity	●
Power-On Flashing LED Indicator	●
<b>Apo</b> Auto Power-Off	●
Low Battery Indicator	●
Lanyard Attachment Loop	●

Cat. No.	Battery	Battery Life	Height	Width	Depth	Weight
VDV500-051	9V Not Included	120 Hours Active 4 Years Standby	2-45/645" (68.7 mm)	2-1/2" (63.5 mm)	1-27/64" (36.1 mm)	5.0 oz. (142 g)

### TONEcube & PROBEplus Kit

- Trace wire paths and identify cables in common wiring systems
- Batteries not included



Cat. No.	Kit Contains	Weight
VDV500-808		16.0 oz. (454 g)
Cat. No.	Description	
VDV500-051	TONEcube Tone Generator	
VDV500-060	PROBEplus Tone Tracing Probe	
kit exclusive	nylon pouch	



VDV500-808

See page 310 for additional information on warnings.



**WARNING:** Do NOT use on energized circuits or cabling systems.

## Voice/Data/Video Test & Measurement

### TraceAll™ Tone & Probe

- Trace wire paths and identify cables in common wiring systems
- Heavy-duty RJ11 jack on tone generator for long life and repeated connections
- Includes RJ11 adapter to convert tone generator to an alligator-clip configuration
- Dual material chassis fits comfortably in your hand
- Replacement tips available (Cat. No. VDV999-059)



VDV526-054



Self Storing Remote



Adapter

Features	VDV526-054
Tone Generator	2
Adjustable Volume	●
Self-Storing Remote	●
<b>Apo</b> Auto Power-Off	●
Replaceable Tip	●



Cat. No.	Batteries	Battery Life	Height	Width	Depth	Weight
VDV526-054	6V 4 x LR44 Alkaline Included	Tracer: 10 Hours, Generator: 50 Hours	8-57/64" (225.8 mm)	1-45/64 (43.3 mm)	1-13/64" (30.6 mm)	5.0 oz. (142 g)

### VDV Ranger™ TDR Kit

- Test and measure cable with the latest technology
- Time Domain Reflectometry Spread Spectrum (TDR-SS) Technology provides superior accuracy up to +/- (1% + 3 ft.) by eliminating interference when measuring cable
- TDR-SS technology broadens TDR environments by operating in Safety Extra Low Voltage (SELV) rated environments as defined by IEC. (SELV is 60 volts DC or Peak AC - 45 volts RMS)
- Measure paired-conductor cable length up to 3,000 ft. (914 m) including voice, data, video, doorbell, siamese, lamp-wire and NM cables
- Determine if cable run is broken or damaged
- Ensure compliance and identify cable runs outside specification
- The Tone Generator traces and identifies cables. Four tone cadences available†
- Measure cable remaining in box or on a reel
- Simplify cable estimating and bill jobs more accurately
- Adapter cord set includes BNC to F-connector adapter, F-connector adapter, insulated push-on F-connector to alligator clips, insulated BNC connector to alligator clips and insulated push-on F-connector to RJ45 modular plug



VDV501-815

Features	VDV501-815
Interface	Multi-Adapter Set
Measures Cable Length	●
Length Measurement Method	<b>TDR-SS</b> Spread Spectrum Time Domain Reflectometry
Accuracy & Resolution Measurement	±(1% + 3 ft.) ± (1% + 1 m) ●
<b>Maximum Cable Length</b>	<b>3,000 ft. / 914 m</b>
Common Cable Length Ranges <small>Must be paired conductors</small>	
RJ45 8-Cables	0 - 1,500 Ft. (457 m)
Coaxial Cable	0 - 2,000 Ft. (609 m)
Electrical Cable	0 - 1,000 Ft. (305 m)
Imperial & Metric Results	<b>Ft./m</b> ●
On-Board Calibration Memory	2 Storage Locations
Open Fault	●
Short Fault	●
Multiple Style Tone Generator†	4
Display	2.25" (57 mm) Backlit LCD
Voltage Warning	●
Low Battery	●
Auto Power Off	<b>Apo</b> ●



Includes custom designed polyester carrying case.

†Requires analog tone probe: VDV526-054 or VDV500-060 – both sold separately.)

Cat. No.	Batteries	Battery Life	Height	Width	Depth	Weight
VDV501-815	Four AA Alkaline Batteries Included	15 Hours Active, 4 Years Standby	6-51/64" (172.6 mm)	3-5/32" (80.2 mm)	1-19/64" (32.9 mm)	12.0 oz. (340 g)

# Test & Measurement

Crafted for optimum durability, reliability and functionality, our line of test and measurement equipment is engineered with the user in mind. Designed for, and by electricians, our electrical testers provide the latest in innovative, time-saving features that professionals require.



For Professionals...  
Since 1857™

**Tough Digital Clamp Meters**

**TOUGH METER**

**True RMS Measurement Technology**



**Included:**

- Carrying case
- Test leads with CAT III/CAT IV safety caps
- Thermocouple with adapter (temperature-measuring models only)
- Batteries



- CAT IV 600V, CAT III 1000V, Class 2, Double insulation safety rating
- Built to withstand a 6.6 ft. (2 m) drop
- Meets requirements for use in basic and controlled electromagnetic environments like residential, office and light-industrial locations

- The **CL600** is an auto-ranging TRMS digital clamp meter that measures AC current via the clamp, and measures AC/DC voltage, resistance, continuity, and tests diodes via test leads
- The **CL700** is an auto-ranging TRMS digital clamp meter that measures AC current via the clamp, and measures AC/DC voltage, resistance, continuity, frequency, capacitance, and tests diodes via test leads, and temperature via a thermocouple probe. It also features a Low Impedance (LoZ) mode for identifying and eliminating ghost or stray voltages
- The **CL800** is an auto-ranging TRMS digital clamp meter that measures AC/DC current via the clamp, and measures AC/DC voltage, resistance, continuity, frequency, capacitance, and tests diodes via test leads, and temperature via a thermocouple probe. It also features a Low Impedance (LoZ) mode for identifying and eliminating ghost or stray voltages

Features	CL600	CL700	CL800
Drop Protection	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)
Ingress Protection	IP40	IP40	IP40
Safety	CAT IV 600V	CAT IV 600V	CAT IV 600V
AC Voltage (Volts)	1000V	1000V	1000V
DC Voltage (Volts)	1000V	1000V	1000V
AC Current (Amps)	600A	600A	600A
DC Current (Amps)	—	—	600A
Ohms (Resistance)	60MΩ	60MΩ	60MΩ
AC Millivolts	—	—	—
DC Millivolts	•	•	•
True RMS	•	•	•
Audible Continuity	•	•	•
Backlight	•	•	•
Temperature	—	-14° – 1000°F (-26° – 538°C)	-14° – 1000°F (-26° – 538°C)
Low Impedance	—	•	•
Non-Contact Voltage Testing	•	•	•
Auto Ranging	•	•	•
Range Hold	•	•	•
Data Hold	•	•	•
Diode Test	•	•	•
Capacitance Test	—	6000 μF	6000 μF
Frequency / Duty Cycle	—	1Hz – 500 KHz	1Hz – 500 KHz
Max / Min	•	•	•
Magnetic Mount	Available As Accessory	Available As Accessory	Available As Accessory
Worklight	—	—	•
Auto-Power Off	•	•	•
LCD Display Count	6000	6000	6000



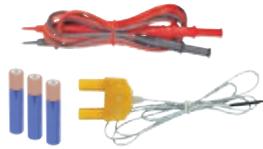


## Digital Clamp Meters



### Included:

- Carrying case
- Test leads with CAT III/CAT IV safety caps
- Thermocouple (temperature-measuring models only)
- Batteries



- CAT III 600V, Class 2, Double insulation safety rating
- Backlit display for clear readings
- Low battery indicator and easily accessible battery compartment
- Meets requirements for use in basic and controlled electromagnetic environments like residential, office and light-industrial locations
- Built to withstand a 3.3 ft. (1 m) drop

- The **CL110** is an auto-ranging digital clamp meter that measures AC current via the clamp, and AC/DC voltage, resistance and continuity via test leads
- The **CL210** is an auto-ranging digital clamp meter that measures AC current via the clamp, AC/DC voltage, resistance and continuity via test leads, and temperature via a thermocouple probe
- The **CL310** is an auto-ranging True Root-Mean-Squared (TRMS) digital clamp meter that measures AC current via the clamp, AC/DC voltage, resistance, continuity, frequency, capacitance, and tests diodes via test leads, and temperature via a thermocouple probe



**NEW**  
High-Visibility  
Display

- The **CL330** is an auto-ranging True Root-Mean-Squared (TRMS) digital clamp meter that measures AC current via the clamp, AC/DC voltage, resistance, continuity, frequency, capacitance, and tests diodes via test-leads, and temperature via a thermocouple probe. It features a super bright high visibility dual-line OLED display screen that optimizes viewability in dark or bright environments and when viewed at indirect angles



Features	CL110	CL210	CL310	CL330
Drop Protection	3.3 ft. (1 m)	3.3 ft. (1 m)	3.3 ft. (1 m)	3.3 ft. (1 m)
Ingress Protection	—	—	—	—
Safety	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V
AC Voltage (Volts)	600V	600V	600V	600V
DC Voltage (Volts)	600V	600V	600V	600V
AC Current (Amps)	400A	400A	400A	400A
DC Current (Amps)	—	—	—	—
Ohms (Resistance)	20MΩ	20MΩ	40MΩ	40MΩ
AC Millivolts	•	•	—	—
DC Millivolts	•	•	•	•
True RMS	—	—	•	•
Audible Continuity	•	•	•	•
Backlight	•	•	•	•
Temperature	—	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)	-40° - 1832°F (-40° - 1000°C)
Low Impedance	—	—	—	—
Non-Contact Voltage Testing	—	—	—	—
Auto Ranging	•	•	•	•
Range Hold	•	•	•	•
Data Hold	•	•	•	•
Diode Test	—	—	•	•
Capacitance Test	—	—	4000 μF	4000 μF
Frequency / Duty Cycle	—	—	10Hz - 1MHz	10Hz - 1MHz
Max / Min	MAX only	MAX only	•	•
Magnetic Mount	—	—	—	—
Worklight	—	—	—	—
Auto-Power Off	•	•	•	•
LCD Display Count	2000	2000	4000	—
OLED Display Count	—	—	—	4000
Bar Graph	—	—	—	•

Specifications are subject to change.  
See page 310 for additional information on warnings.



See warning section on page 208 for important safety information regarding clamp meters

## Clamp Meters

### Clamp Meter Specifications

Cat. No.	Safety Rating	Batteries	Jaw Size	Height	Width	Depth	Weight	Included Accessories
CL110	CAT III 600V	3 x AAA	1-1/8" (28.6 mm)	8-45/64" (221.1 mm)	3-1/64" (76.6 mm)	1-39/64" (40.9 mm)	10.1 oz. (286 g)	Carrying Case, 41" (1041.4 mm) Test Leads and Batteries
CL210	CAT III 600V	3 x AAA	1-1/8" (28.6 mm)	8-45/64" (221.1 mm)	3-1/64" (76.6 mm)	1-39/64" (40.9 mm)	10.1 oz. (286 g)	Carrying Case, 41" (1041.4 mm) Test Leads, Thermocouple with Adapter, and Batteries
CL310	CAT III 600V	3 x AAA	1-1/8" (28.6 mm)	8-45/64" (221.1 mm)	3-1/64" (76.6 mm)	1-39/64" (40.9 mm)	10.1 oz. (286 g)	Carrying Case, 41" (1041.4 mm) Test Leads, Thermocouple with Adapter, and Batteries
CL330 <b>NEW!</b>	CAT III 600V, Class 2, Double insulation	3 x AAA	1-1/8" (28.6 mm)	8-21/32" (219.9 mm)	3-1/32" (77.0 mm)	1-39/64" (40.9 mm)	9.9 oz. (281 g)	Pouch, 41" (1041.4 mm) Test Leads, Thermocouple, and Batteries
CL600	CAT IV 600V	2 x AAA	1-3/8" (34.9 mm)	9-3/32" (231.0 mm)	3-13/16" (96.8 mm)	1-35/64" (39.3 mm)	11.8 oz. (335 g)	Carrying Case, 41" (1041.4 mm) Test Leads and Batteries
CL700	CAT IV 600V	2 x AAA	1-3/8" (34.9 mm)	9-3/32" (231.0 mm)	3-13/16" (96.8 mm)	1-35/64" (39.3 mm)	11.8 oz. (335 g)	Carrying Case, Test Leads, Thermocouple with Adapter, and Batteries
CL800	CAT IV 600V	2 x AAA	1-3/8" (34.9 mm)	9-3/32" (231.0 mm)	3-13/16" (96.8 mm)	1-35/64" (39.3 mm)	12.5 oz. (354 g)	Carrying Case, 41" (1041.4 mm) Test Leads, Thermocouple with Adapter, and Batteries

### Electrical Maintenance & Test Kit

- Cat. No. RT210 detects the most common wiring problems in standard and GFCI receptacles including open ground, reverse polarity, open hot, open neutral, and hot/ground reversed
- Cat. No. 69409 Line splitter 10x allows the measuring of current draw up to 15A without splitting the load's power cord
- Cat. No. CL110 has CAT III 600V, Class 2, Double insulation safety rating and features a backlit display for clear readings
- RT210 withstands a 6.6 ft. (2 m)
- Includes a carrying case, test leads and batteries



Cat. No.	Kit Contains	Weight
CL110KIT		15.1 oz. (428 g)

Cat. No.	Batteries	Height	Width	Depth
CL110	3 x AAA	8-45/64" (221.1 mm)	3-1/64" (76.6 mm)	1-39/64" (40.9 mm)
RT210	N/A	2-7/8" (73.0 mm)	1-7/8" (47.6 mm)	1-5/8" (41.3 mm)
69409	N/A	4-43/64" (118.7 mm)	2-9/32" (57.9 mm)	1" (25.4 mm)

For additional specifications see individual product pages (CL110 - page 207, RT210 - page 215, 69409 - page 219).



CL110KIT

#### ⚠️ WARNINGS:

To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.

- Before each use, verify meter operation by measuring a known voltage or current.
- Never use the meter on a circuit with voltages that exceed the category based rating of this meter.
- Do not use the meter during electrical storms or in wet weather.
- Do not use the meter or test leads if they appear to be damaged.
- Ensure meter leads are fully seated, and keep fingers away from the metal probe contacts when making measurements.
- Do not open the meter to replace batteries while the probes are connected.
- Use caution when working with voltages above 60V DC, or 25V AC RMS. Such voltages pose a shock hazard.
- To avoid false readings that can lead to electrical shock, replace batteries if a low battery indicator appears.
- Unless measuring voltage or current, shut off and lock out power before measuring resistance or capacitance.
- Always adhere to local and national safety codes. Use individual protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.



## Specialty Clamp Meters

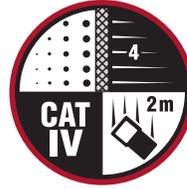
### 1000A AC/DC TRMS Clamp Meter (CL2500)

- Extra wide jaw opening accommodates a greater measuring area
- True RMS accurate readings for all signals
- Worklight in jaw area



### 200A AC Fork Meter (CL3200)

- Extra large jaw opening accepts 3/0 wire
- Short jaw depth for increased access in tight spaces
- Worklight by jaw illuminates work space



Features	CL2500 1000A AC/DC	CL3200 200A AC Fork Meter
Drop Protection	3.3 ft. (1 m)	3.3 ft. (1 m)
Ingress Protection	IP42	IP30
Safety	CAT IV 600V	CAT IV 600V
AC Voltage (Volts)	750A	750A
DC Voltage (Volts)	1000V	1000V
AC Current (Amps)	1000A	200A
DC Current (Amps)	1000A	—
Ohms (Resistance)	60MΩ	40MΩ
True RMS	•	—
Audible Continuity	•	•
Backlight	•	•
Low Impedance	—	•
Non-Contact Voltage Testing	•	•
Auto Ranging	—	•
Range Hold	•	•
Data Hold	•	•
Diode Test	•	—
Capacitance Test	6000μF	—
Frequency / Duty Cycle	•	—
Max / Min	•	—
Magnetic Mount	•	•
Worklight	•	•
Auto-Power Off	•	•
Bar Graph	•	•
LCD Display Count	6000	4000

Cat. No.	NIST certified	Safety Rating	Batteries	Jaw Size	Height	Width	Depth	Weight	Included Accessories
CL2500	—	CAT IV 600V	2 x AAA	1.97" (50.03 mm)	8.09" (205.48 mm)	2.56" (65.02 mm)	1.38" (35.05 mm)	13.6 oz. (386 g)	Test Leads, Case and Batteries
CL3200	—	CAT IV 600V	2 x AAA	0.63" (16 mm)	7.06" (179.32 mm)	2.56" (65.02 mm)	1.34" (34.03 mm)	7.9 oz. (224 g)	Test Leads, Case and Batteries

Specifications are subject to change.  
See page 310 for additional information on warnings.



See warning section on page 208 for important safety information regarding clamp meters

**Tough Digital Multimeters**

**TOUGH METER**



**Included:**

- Carrying case
- Test leads with CAT III/CAT IV safety caps
- Alligator clips
- Thermocouple with adapter
- Batteries



- Backlit LCD display screen
- CAT IV 600V safety rating
- Built to withstand a 6.6' (2 m) drop
- For use in basic and controlled electromagnetic environments like residential, office and light-industrial locations
- Low battery indicator and easily accessible battery and fuse replacement compartment

- The **MM600** is an auto-ranging digital multimeter that measures AC/DC voltage, AC/DC current, and resistance. It also measures temperature, capacitance, frequency, duty-cycle, tests diodes and continuity
- The **MM700** is an auto-ranging True Root-Mean-Squared (TRMS) digital multimeter that measures AC/DC voltage, AC/DC current, and resistance. It also measures temperature, capacitance, frequency, duty-cycle, and tests diodes and continuity



Features	MM600	MM700
Drop Protection	6.6 ft. (2 m)	6.6 ft. (2 m)
Ingress Protection	IP42	IP42
Safety	CAT IV 600V	CAT IV 600V
AC Voltage (Volts)	1000V	1000V
DC Voltage (Volts)	1000V	1000V
AC Current (Amps)	10A	10A
DC Current (Amps)	10A	10A
Ohms (Resistance)	40MΩ	40MΩ
DC Millivolts	•	•
AC Milliamps	•	•
DC Milliamps	•	•
AC Microamps	•	•
DC Microamps	•	•
True RMS	—	•
Audible Continuity	•	•
Backlight	•	•
Temperature	0° – 1000°F (-18° – 538°C)	0° – 1500°F (-18° – 816°C)
Low Impedance	—	•
Auto Ranging	•	•
Range Hold	•	•
Data Hold	•	•
Diode Test	•	•
Capacitance Test	1000 μF	4000 μF
Frequency / Duty Cycle	1Hz – 500 KHz	1Hz – 500 KHz
Max / Min	•	•
Lead Warning	•	•
Bar Graph	—	•
Magnetic Mount	Available As Accessory	Available As Accessory
Auto-Power Off	•	•
Battery Test	—	—
LCD Display Count	4000	4000





## Digital Multimeters



### Included:

- Test leads with CAT III/CAT IV safety caps
- Thermocouple with adapter (temperature-measuring models only)
- Batteries



- CAT III 600V safety rating
- Built to withstand a 3.3 ft. (1 m) drop
- For use in basic and controlled electromagnetic environments like residential, business and light-industrial locations
- Low battery indicator and easily accessible battery compartment

- The **MM300** is a manual-ranging digital multimeter that measures AC/DC voltage, DC current, and resistance. It also tests diodes and continuity, and has a battery test mode
- The **MM400** is an auto-ranging digital multimeter that measures AC/DC voltage, AC/DC current, and resistance. It also measures temperature, capacitance, frequency, duty-cycle, and tests diodes and continuity



Features	MM300 Manual Ranging	MM400 Auto Ranging
Drop Protection	3.3 ft. (1 m)	3.3 ft. (1 m)
Ingress Protection	—	—
Safety	CAT III 600V	CAT III 600V
AC Voltage (Volts)	600V	600V
DC Voltage (Volts)	600V	600V
AC Current (Amps)	—	10A
DC Current (Amps)	10A	10A
Ohms (Resistance)	20M $\Omega$	40M $\Omega$
DC Millivolts	•	•
AC Milliamperes	—	•
DC Milliamperes	•	•
AC Microamperes	—	•
DC Microamperes	•	•
True RMS	—	—
Audible Continuity	•	•
Backlight	—	•
Temperature	—	0° – 1000°F (-18° – 538°C)
Low Impedance	—	—
Auto Ranging	—	•
Range Hold	—	•
Data Hold	•	•
Diode Test	•	•
Capacitance Test	—	200 $\mu$ F
Frequency / Duty Cycle	—	1Hz – 50 KHz
Max / Min	—	•
Lead Warning	—	—
Bar Graph	—	—
Magnetic Mount	Available As Accessory	Available As Accessory
Auto-Power Off	—	•
Battery Test	•	—
LCD Display Count	2000	4000

Specifications are subject to change.  
See page 310 for additional information on warnings.



See warning section on page 212 for important safety information regarding multimeters

## Multimeters

### Multimeter Specifications

Cat. No.	Safety Rating	Batteries	Height	Width	Depth	Weight	Included Accessories
MM300	CAT III 600V	2 x AAA	6" (152.4 mm)	3-1/6" (77.8 mm)	1-25/32" (45.2 mm)	8.1 oz. (230 g)	Test Leads and Batteries
MM400	CAT III 600V	2 x AAA	6" (152.4 mm)	3-1/6" (77.8 mm)	1-25/32" (45.2 mm)	8.1 oz. (230 g)	Test Leads, Batteries and Thermocouple
MM600	CAT IV 600V	2 x AAA	7" (177.8 mm)	3-35/64" (90.1 mm)	2-3/32" (53.2 mm)	14.4 oz. (408 g)	Carrying Case, Test Leads, Thermocouple, and Batteries
MM700	CAT IV 600V	2 x AAA	7" (177.8 mm)	3-35/64" (90.1 mm)	2-3/32" (53.2 mm)	14.4 oz. (408 g)	Carrying Case, Test Leads, Thermocouple, Batteries, and Alligator Clips

### Multimeter Replacement Fuses



Cat. No.	For Use With	Fuse Type
69191	MM1000, MM1300, MM2000, MM2300, MM6000	F 11A/1000V
69192	MM1000, MM1300, MM2000, MM2300, MM6000	F 440mA/1000V
69193	MM100 Fuse Kit	F10A/500V, F250mA/250V
69194	MM200 Fuse Kit	F10A/500V, F400mA/250V
New Test and Measurement Instruments		
69031	MM300	5x20 200MA 600V
69032	MM300, MM400	6x32 10A 600V
69033	MM400	5x20 500MA 600V
69034	MM600, MM700	10x38 10A 1000V
69035	MM600, MM700	6x32 500MA 1000V

### Electrical Test Kit

- The MM300 multimeter was developed to withstand daily wear and tear on the job site, and has a safety rating of CAT III 600V, Class 2, Double insulation
- The NCVT-1 has a bright green LED to indicate the tester is working; it changes to red and warning tones sound when voltage is detected
- NCVT-1 has a digitally-controlled ON/OFF power button and auto power-off feature to conserve and extend battery life
- Receptacle tester detects wiring configurations and indicates correct wiring, open ground, open hot, open neutral, hot/ground reversed; it does not indicate quality of ground, multiple hot wires, or a combination of defects
- Includes visual and audible continuity indicators up to 25Ω
- Includes test leads and batteries



Cat. No.	Set Contains	Weight																				
69149	<table border="1"> <thead> <tr> <th>Cat. No.</th> <th>Batteries</th> <th>Height</th> <th>Width</th> <th>Depth</th> </tr> </thead> <tbody> <tr> <td>MM300</td> <td>2 x AAA</td> <td>6" (152.4 mm)</td> <td>3-1/6" (77.8 mm)</td> <td>1-25/32" (45.2 mm)</td> </tr> <tr> <td>NCVT-1</td> <td>2 x AAA</td> <td>1" (25.4 mm)</td> <td>23/32" (18.3 mm)</td> <td>23/32" (18.3 mm)</td> </tr> <tr> <td>Receptacle tester</td> <td>N/A</td> <td>2.75" (69.9 mm)</td> <td>1.5" (38.1 mm)</td> <td>1" (25.4 mm)</td> </tr> </tbody> </table>	Cat. No.	Batteries	Height	Width	Depth	MM300	2 x AAA	6" (152.4 mm)	3-1/6" (77.8 mm)	1-25/32" (45.2 mm)	NCVT-1	2 x AAA	1" (25.4 mm)	23/32" (18.3 mm)	23/32" (18.3 mm)	Receptacle tester	N/A	2.75" (69.9 mm)	1.5" (38.1 mm)	1" (25.4 mm)	15.1 oz. (428 g)
Cat. No.	Batteries	Height	Width	Depth																		
MM300	2 x AAA	6" (152.4 mm)	3-1/6" (77.8 mm)	1-25/32" (45.2 mm)																		
NCVT-1	2 x AAA	1" (25.4 mm)	23/32" (18.3 mm)	23/32" (18.3 mm)																		
Receptacle tester	N/A	2.75" (69.9 mm)	1.5" (38.1 mm)	1" (25.4 mm)																		



For additional specifications see individual product pages  
(MM300 - page 211, NCVT-1 - page 214)

#### ⚠ WARNINGS:

To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.

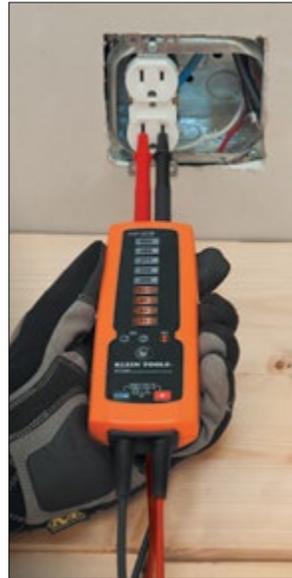
- Before each use, verify meter operation by measuring a known voltage or current.
- Never use the meter on a circuit with voltages that exceed the category based rating of this meter.
- Do not use the meter during electrical storms or in wet weather.
- Do not use the meter or test leads if they appear to be damaged.
- Ensure meter leads are fully seated, and keep fingers away from the metal probe contacts when making measurements.
- Do not open the meter to replace batteries while the probes are connected.
- Use caution when working with voltages above 60V DC, or 25V AC RMS. Such voltages pose a shock hazard.
- To avoid false readings that can lead to electrical shock, replace batteries if a low battery indicator appears.
- Unless measuring voltage or current, shut off and lock out power before measuring resistance or capacitance.
- Always adhere to local and national safety codes. Use individual protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.



## Electrical Testers

### Electronic Voltage Testers

- Measures AC and DC voltage at nine common levels up to 600V
- Bright LEDs indicate voltage reading without batteries installed
- Low impedance input reduces possibility of ghost voltages
- Permanently secured test leads are always there when they are needed
- Molded lead holders are perfect for easy measurements of tamper-proof outlets
- Probe wires with wear indicators built in
- Vibration and sound alerts for dangerous voltage levels
- Modern solid-state construction provides CAT IV 600V safety rating
- Bright light illuminates work area
- Audible continuity alerts at less than 270kΩ



ET200



Cat. No.	Safety Rating	Batteries	Height	Width	Depth	Weight
ET200	CAT IV 600V	3 x AAA	7-3/8" (187.32 mm)	2-3/8" (60.32 mm)	1-1/4" (31.75 mm)	8.1 oz. (230 g)

### Digital Circuit Breaker Finder

- Quickly, accurately, and automatically find the corresponding circuit breaker of any standard 120V outlet
- For use on powered circuits only
- Does not require interruption of service
- Bright green arrow and loud beep provide clear indication of correct breaker
- Strong transmitter reaches distances up to 1000 ft. (305 m)
- **Optional Circuit Breaker Finder Accessory Kit** (Cat. No. 69411) refer to page 218: Find breakers of light fixtures and bare wires with light socket and alligator clip adapters



ET300



Cat. No.	Height	Width	Depth	Weight
ET300	Receiver: 6" (152.4 mm) Transmitter: 2-51/64" (71.0 mm)	Receiver: 2" (50.8 mm) Transmitter: 1-57/64" (48.0 mm)	Receiver: 57/64" (22.6 mm) Transmitter: 1-13/64" (30.6 mm)	Receiver: 3.2 oz. (91 g) Transmitter: 1.6 oz. (45 g)

See page 310 for additional information on warnings.



## Electrical Testers

### Non-Contact Voltage Testers (NCVT-1/NCVT-2)

- Non-contact detection of standard voltage (48-1000V AC) in cables, cords, circuit breakers, lighting fixtures, switches, outlets, and wires
- High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace
- Microprocessor controlled low-battery indicator
- Digitally controlled ON/OFF power button
- Auto Power-Off feature conserves and extends battery life
- Lightweight, durable polycarbonate plastic resin construction with a convenient pocket-clip
- 9.8 ft. (3 m) drop protection
- CAT IV 1000V safety rating provides expanded operation and protection
- Does NOT detect DC voltage



NCVT-1



NCVT-2

#### Additional Features for Dual Range NCVT-2

- Automatically detects and indicates low voltage (12 - 48 Volts AC) and standard voltage (48 - 1000 Volts AC), allowing broad application
- Non-contact detection of low-voltage in security, entertainment, communications, environmental control, and irrigation systems

Voltage Range	12 - 48 VOLTS AC (Low) NCVT-2 only	50 - 1000 VOLTS AC (Standard)
<b>Audible</b>	low-pitched pulsing beeping sound	high-pitched continuous beeping sound
<b>Visual</b>	blue LED turns off and red LED blinks (approximately 2x per second).	green LED turns off and red LED illuminates continuously.



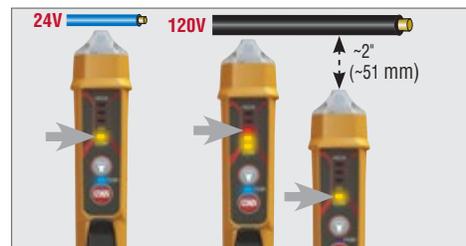
Cat. No.	Voltage Range	Frequency Range	Pollution Degree	Batteries	Overall Length	Width	Height	Weight	Weight w/Batteries
NCVT-1	50 - 1000V AC	50 - 500 Hz	2	2 x AAA	5-1/2" (139.7 mm)	23/32"(18.3 mm)	1" (25.4 mm)	0.8 oz (23 g)	1.6 oz. (45 g)
NCVT-2	12 - 1000V AC	50 - 500 Hz	2	2 x AAA	5-1/2" (139.7 mm)	23/32"(18.3 mm)	1" (25.4 mm)	0.8 oz (23 g)	1.6 oz. (45 g)

### Non-Contact Voltage Tester with Flashlight (NCVT-3)

- Non-contact detection of voltage (12 - 1000V AC) in cables, cords, circuit breakers, light fixtures, switches, outlets and wires as well as voltage in security, entertainment, communications, environmental control and irrigation systems
- The visual indicator of the presence of voltage is an LED bar graph - the higher the voltage sensed, or the closer to the voltage source, the more LEDs light up
- Bright flashlight illuminates work area and may be used independent of NCVT
- Auto Power-Off feature conserves and extends battery life
- Lightweight, compact tool with pocket clip provides easy storage and quick access
- IP67: Dustproof and waterproof
- 6.6 ft. (2 m) drop protection
- CAT IV 1000V safety rating
- Does NOT detect DC voltage



NCVT-3



Cat. No.	Voltage Range	Frequency Range	Pollution Degree	Batteries	Overall Length	Width	Height	Weight	Weight w/Batteries
NCVT-3	12 - 1000V AC	50 - 500 Hz	2	2 x AAA	5-53/64" (148.0 mm)	23/32"(18.3 mm)	5-7/8" (149.2 mm)	1.2 oz. (34 g)	2.5 oz. (71 g)





## Electrical Testers

### Receptacle Testers

- Light sequence indicates correct/incorrect wiring
- Conforms to UL Std 1436, Certified to CSA Std C22.2 #160
- Operating temp: 32°F to 140°F (0°C to 40°C)
- Built to withstand a 6.6 ft. (2m) drop
- Nominal Voltage: 110/125V AC at 50/60Hz in 3-wire outlet
- Designed to detect the most common wiring problems in standard receptacles
- Cat. No. RT210 works on GFCI outlets and confirms operation of the ground fault



RT110

RT210

Cat. No.	GFCI	Height	Width	Depth	Weight
RT110	No	2-7/8" (73.0 mm)	1-7/8" (47.6 mm)	1-5/8" (41.3 mm)	2.0 oz. (57 g)
RT210	Yes	2-7/8" (73.0 mm)	1-7/8" (47.6 mm)	1-5/8" (41.3 mm)	2.0 oz. (57 g)

### Continuity Tester



69133

- Quickly reveals shorts or broken circuits in all types of electrical devices and controls
- Tests for continuity of circuit with power off
- Bulb in handle glows when circuit is complete (bulb included)
- Pointed 3-3/4" (95 mm) probe gets right to the problem
- Deluxe 4" (102 mm) long handle with removable nylon cap holds replaceable bulb and battery
- 36" (915 mm) test lead with alligator clip
- Uses one AAA battery (not included)
- Proudly built in U.S.A. with global components

Cat. No.	Overall Length	Weight
69133	43-3/4" (111.3 mm)	0.2 oz. (5.7 g)
<b>Replacement Part</b>		
69131	replacement bulb for Cat. No. 69133	0.04 oz. (1.1 g)

### Circuit Tester



69105

- Tests circuits rated from 80 to 600 volts AC/DC
- High-visibility neon lamp indicator
- High-impact, sealed 5-11/16" (144 mm) probe on long 24" (610 mm) leads for convenience in testing motors, fuses, relays, switches, etc.
- Resistor between each probe and lead

Cat. No.	Overall Length with Probes	Weight
69105	35" (889.0 mm)	2.4 oz. (68 g)

### Low-Voltage Tester



69127

- Device for checking live 6-24V, AC or DC circuits
- Tests for shorts in automotive and truck electrical systems, motor field coils, radio and low-voltage circuits, ground circuits of all lamps, wiring, fuses, etc.
- Bulb in handle glows when circuit is complete (bulb included)
- Pointed 3-3/4" (95 mm) probe makes checking easier
- Deluxe 3-1/2" (89 mm) long handle with nylon top holds replaceable bulb
- 36" (915 mm) test lead with alligator clip
- Proudly built in U.S.A. with global components

Cat. No.	Overall Length	Weight
69127	43-1/4" (1098.6 mm)	0.2 oz. (5.7 g)
<b>Replacement Part</b>		
69130	replacement bulb for Cat. No. 69127	0.01 oz. (0.3g)

### Low-Voltage Twin-Lead Tester

- Tests 5-50 volt, AC or DC circuits and components
- Built-in lamp glows if circuit is live
- Each of the 4-1/2" (114 mm) test leads has an alligator clip on the end
- Handy pocket clip



69134

Cat. No.	Overall Length	Weight
69134	8" (203.2 mm)	0.08 oz. (2.3 g)

See page 310 for additional information on warnings.



**Specialty Testers**

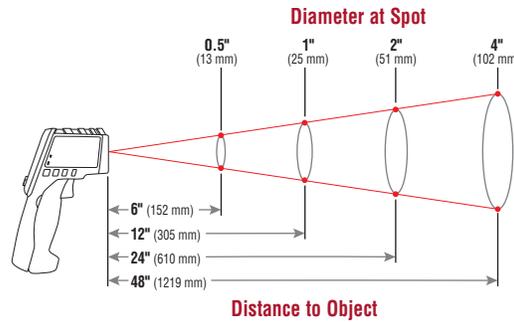
**IR5 Dual Laser Infrared Thermometer**

- Optical Resolution (Distance-to-spot) is 12:1
- Features include dual-laser targeting, auto-scan, max/min/avg/diff, high/low alarm, backlit display, auto power-off
- Drop protection to 6.6 ft. (2 m)
- Measurement Range: -22° to 752°F (-30° to 400°C)
- Uses one 9-volt battery, with battery life expectancy at 10 hours of continuous use with laser and backlight on
- Includes custom pouch and batteries
- Certified to IEC EN 61326-1:2006, EN608251:1994+A2:2001+A1:2002
- Adjustable emissivity
- Soft-touch, over-mold housing
- For ambient temperatures above freezing, the accuracy is +/- 4° F or +/- 2%; Accuracy below freezing is +/- 4° F plus 0.2 degrees per degree below 32° F

**NEW!**



IR5



**CE FC**

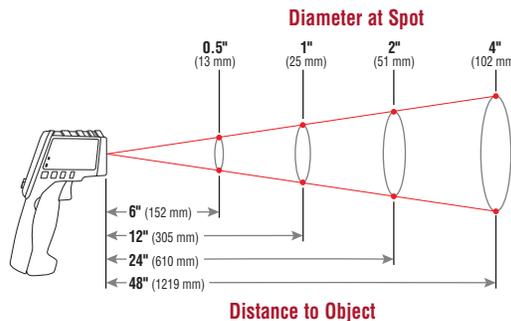
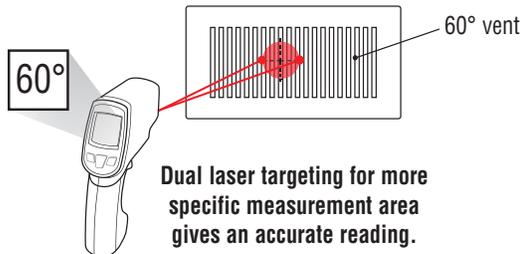
Cat. No.	Batteries	Height	Width	Depth	Weight
IR5 <b>NEW!</b>	1 x 9V	6-53/64" (173.4 mm)	1-27/32" (46.9 mm)	4-17/32" (115.1 mm)	9.8 oz. (278 g)

**12:1 Dual Laser Infrared Thermometer**

- Dual lasers for specific measurement areas
- Tight (12:1) distance-to-spot ratio for accurate target area temperature measurements
- Features a wide temperature measurement range: -76° to 1022°F (-60° to 550°C)
- K-type thermocouple range: -83.2° to 2552°F (-64° to 1400°C)
- Auto-scan and Max / Min / Average / Differential calculations
- Includes a temperature °F/°C button
- Has both a backlit display and worklight
- 6.6 ft. (2 m) drop protection
- Accessories included: case, K-type thermocouple and batteries



IR2000A



**CE**

Cat. No.	Batteries	Height	Width	Thickness	Weight
IR2000A	2 x AAA	6.76" (171.70 mm)	1.87" (47.49 mm)	1.87" (47 mm)	9.0 oz. (255 g)



## Specialty Testers

### Video Borescope

- Use the Video Borescope to view inaccessible areas
- It features video, audio, photo recording, file playback, a durable camera snake with an adjustable work light, and video output capabilities
- Other features include screen rotation, adjustable LED worklight, TV-out and SD card
- IP67: Dustproof and waterproof camera
- Multiple Applications: Electrical, HVAC, Plumbing, Automotive, Aircraft. Use to view inaccessible areas: inside a wall, down the drain, in furnace or vent
- Package contents: Video Borescope, 17 mm gooseneck camera, Rechargeable lithium ion battery, Mirror camera attachment, Hook camera attachment, Magnet camera attachment, USB data & power adapter/charger, RCA composite to 3.5 mm mini A/V cable, Quick start guide, Software/Instruction manual CD-ROM, Carrying case



#### Multiple Applications!

- Electrical
  - HVAC
  - Plumbing
  - Automotive
  - Aircraft
- Use to view inaccessible areas:
    - Inside a wall
    - Down the drain
    - In furnace or vent



ET500



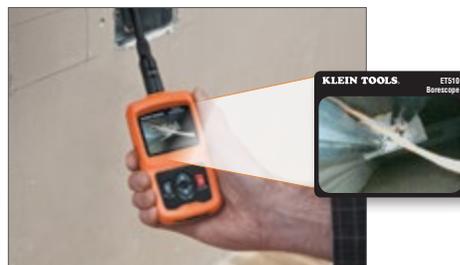
Cat. No.	Batteries	Height	Width	Depth	Weight
ET500	2 x AAA	7" (177.8 mm)	3-1/4" (82.6 mm)	1-3/4" (44.5 mm)	8.1 oz. (230 g)

### Borescope

- Use the borescope to view inaccessible areas
- It features a durable camera snake, a high resolution screen, mirror image and an adjustable LED work light
- IP67: Dustproof and waterproof camera
- Multiple Applications: Electrical, HVAC, Plumbing, Automotive, Aircraft. Use to view inaccessible areas: inside a wall, down the drain, in furnace or vent
- Package contents: Borescope, 17 mm gooseneck camera, Rechargeable lithium ion battery, Mirror camera attachment, Hook camera attachment, Magnet camera attachment, USB data adapter/charger, USB power adapter/charger, Instruction manual



ET510



#### Multiple Applications!

- Electrical
  - HVAC
  - Plumbing
  - Automotive
  - Aircraft
- Use to view inaccessible areas:
    - Inside a wall
    - Down the drain
    - In furnace or vent

Cat. No.	Batteries	Height	Width	Depth	Weight
ET510	Lithium-ion	6-17/32" (165.9 mm)	2-27/32" (72.2 mm)	1-35/64" (39.3 mm)	8.1 oz. (230 g)

See page 310 for additional information on warnings.



## Test & Measurement Line Accessories

### Circuit Breaker Finder Accessory Kit



69411

- For use with ET300 Digital Circuit Breaker Finder refer to page 213
- Light socket adapter for finding the corresponding circuit of a lighting fixture
- Alligator clip adapter enables use of Digital Circuit Breaker Finder on bare wires

Cat. No.	Weight
69411	2.1 oz. (60 g)

### Test Lead Set

- Each lead has alligator clips attached to both ends
- Multi-purpose tooth pattern for better gripping of wires and test points

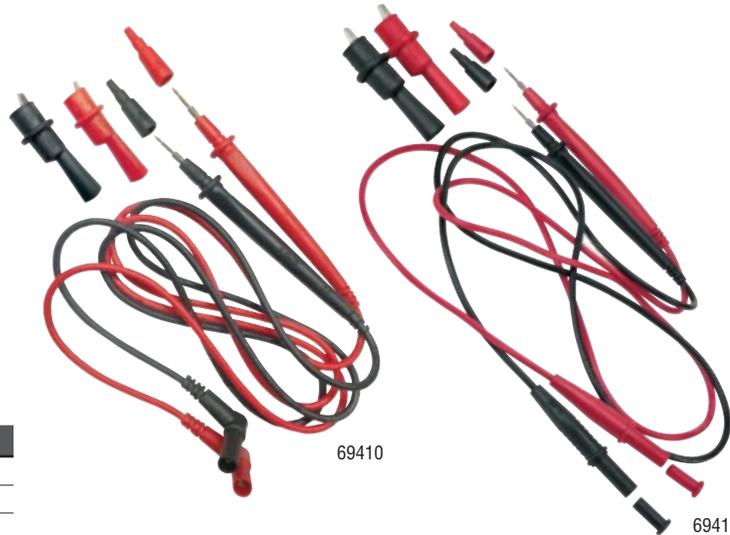


69128

Cat. No.	Overall Length	Weight
69128	32" (812.8 mm)	6.4 oz. (181.4 g)

### Replacement Test Lead Sets

- Safety Rating: Category IV 600V and CAT III 1000V
- Screw-on alligator clips attach to wires and other conductors
- Intended for use as replacement test leads for meters that have standard, banana-type input jacks
- Leads are 41" (1,041 mm) long
- Cat. No. 69410 replacement test-lead set for MM300, MM400, MM600 and MM700
- Cat. No. 69418 replacement test-lead set for CL110, CL210, CL310, CL600, CL700 and CL800
- The leads perform accurately with Klein Tools' meters and other manufacturer's meters



69410

69418

Cat. No.	Overall Length	Weight
69410	41" (1041.4 mm)	3.2 oz. (91 g)
69418	41" (1041.4 mm)	3.4 oz. (96 g)

### Replacement K-Type Thermocouples

- This UL® listed replacement thermocouple (Cat. No. 69028) is for use with Klein Tools multimeters and clamp meters as shown on list below
- Temperature measurement range is 0-250° Celsius
- Leads compatible with and fit lead storage compartments on most Klein meters



69028

69413

69414

Cat. No.	Type	Multimeter	Clamp Meter	IR Gun	DTL	Weight
69028	K-Type Banana Thermocouple	MM200, MM400, MM600, MM700, MM1000, MM1300, MM2000, MM2300, MM6000	CL200, CL210, CL310, CL330, CL700, CL800, CL1300, CL2300	—	—	0.7 oz. (20 g)
69413	K-Type Thermocouple	—	CL1100, CL2100	IR2000, IR2000A, IR3000	—	0.2 oz. (5.7 g)
69414	DTL K-Type Thermocouple	—	—	—	DTL302, DTL304	0.2 oz. (5.7 g)



## Test & Measurement Line Accessories

### 6 mm Borescope Camera



- IP67: Dustproof and waterproof camera
- Bright LED worklight
- Gooseneck design for greater control and positioning
- Smaller footprint when penetrating walls and panels

Cat. No.	Dimensions	Weight
69450	6 mm x 1 m (0.23" x 3.28')	3.5 oz. (99 g)
69451	6 mm x 2 m (0.23" x 6.56')	5.5 oz. (156 g)

### 17 mm Borescope Camera



- IP67: Dustproof and waterproof camera
- Bright LED worklight
- Gooseneck design for greater control and positioning

Cat. No.	Dimensions	Weight
69454	17 mm x 1 m (0.66" x 3.28')	9.5 oz. (269 g)

### 1 Meter Borescope Camera Extension



- Extends the reach of 17 mm and 6 mm borescope cameras
- Up to two extensions can be used with 17 mm camera without loss of video quality, to 9.9 ft. (3 m)
- Maximum of four extensions plus camera

Cat. No.	Dimensions	Weight
69455	17 mm x 1 m (0.66" x 3.28')	9.3 oz. (264 g)

### Borescope Attachment Tools

- Compatible with 17 mm diameter camera



Cat. No.	Weight	Included
69457	0.4 oz. (11.0 g)	1-5/8" (41.3 mm) Mirror Camera Attachment, 3" (76.2 mm) Hook Camera Attachment, 3-1/4" (82.6 mm) Magnet Camera Attachment

### Line Splitter 10x

- Allows the measuring of current draw up to 15A without splitting the load's power cord
- For use with all Klein Tools clamp meters and other manufacture clamp meters
- Can be used to perform voltage checks with standard multimeter probes
- Provides 10X measurement mode
- For North American-style outlets only

#### ⚠️ WARNINGS:

- Do NOT use with loads greater than 15A.
- Risk of electric shock and burn. Contact with live circuits could result in death or serious injury.
- Do not use if line splitter appears damaged. If in doubt, replace line splitter. Do NOT use line splitter if wet. For indoors use only.

Cat. No.	Height	Width	Depth	Weight
69409	4-43/64" (118.7 mm)	2-9/32" (57.9 mm)	1" (25.4 mm)	3.9 oz. (111 g)



69409

See page 310 for additional information on warnings.



## Test & Measurement Line Accessories

### Magnetic Hangers

- Durable nylon weave resists wear and tear
- Constructed with powerful rare earth magnets
- Has a secure loop & hook
- Hanger allows the user to safely work hands-free
- Cat. No. 69190 clips securely into back of rubber boot

Cat. No.	Application	For Use With	Weight
69417	Electrician's Multimeters and Select Clamps	MM300, MM400, MM600, MM700, CL600, CL700, CL800	1.1 oz. (31 g)
69190	Electrician's Previous Generation Multimeters	MM1000, MM1300, MM2000, MM2300	1.1 oz. (31 g)



69190



69417

### Tradesman Pro™ Hard Cases

- Hard shell protects tools, meters, small parts and tech devices
- Soft interior lining
- Durable zipper closure

Cat. No.	Width	Height	Depth	Weight
5184	6-1/2" (165.1 mm)	8-3/4" (222.3 mm)	2-1/4" (57.2 mm)	10.1 oz. (286 g)
5189	5-1/2" (139.7 mm)	10-1/4" (260.4 mm)	2-1/4" (57.2 mm)	10.1 oz. (286 g)



5189



5184

### Tradesman Pro™ Carrying Cases

- Two layers of padding protect even delicate instruments
- Heavy-duty zipper and rugged PVC coated polyester for durability
- Pockets for quick access and organization
- Cat. No. 69406 has loop with snap closure to attach to belts, bags and backpacks
- Cat. Nos. 69407 and 69408 have sturdy handle with box stitching for secure transportation and convenient hanging
- Cat. Nos. 69406 and 69407 recommended for meters, testers, infrared guns, and small tools
- Cat. No. 69408 recommended for meters, testers, infrared guns, tools, and borescopes

Cat. No.	Pockets	Width	Height	Depth	Weight
69406	1	4-1/2" (114.3 mm)	9-1/4" (235.0 mm)	2-1/4" (57.2 mm)	6.1 oz. (173 g)
69407	2	6" (152.4 mm)	10-1/4" (260.4 mm)	2-1/4" (57.2 mm)	8.5 oz. (240 g)
69408	2	7" (177.8 mm)	10-1/4" (260.4 mm)	2-1/4" (57.2 mm)	10.6 oz. (299 g)



69406

69407

69408

### Carrying Case

- Constructed of black 600 Denier Nylon
- Has a heavy-duty PVC zipper and zinc alloy zipper tag
- The case has exceptional resistance to abrasions, punctures and tears
- Easily fits the following Klein Tools test and measurement meters: MM300, MM400, MM600, MM700, CL110, CL210, CL310, CL330, CL600, CL700 and CL800
- Convenient storage for other test and measurement products

Cat. No.	Width	Height	Depth	Weight
69401	4" (101.6 mm)	9-1/4" (235.0 mm)	2-1/4" (57.2 mm)	3.2 oz. (91 g)



69401



## High Voltage Testers

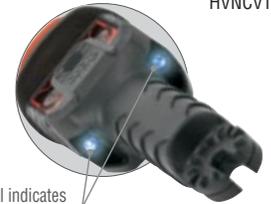
Detect a wide range of AC voltage in overhead conductors and cables

### Dual-Range High Voltage Non-Contact Tester

- Use to check for the presence of voltage in overhead conductors or to find faults in cables
- LOW range for 50V AC to 1.5kV AC
- HIGH range for 1.5kV AC to 132kV AC
- Includes durable carrying case



HVNCVT-1



Visual signal indicates presence of voltage.

Cat. No.	Voltage Range	Length	Weight
HVNCVT-1	Low: 50V AC - 1.5kV AC High: 1.5kV AC - 132kV AC	13" (330.2 mm)	10.6 oz. (299 g)

### Broad-Range Non-Contact Tester

- Use to check for the presence of voltage in overhead conductors or to find faults in cables
- 7 sensitivity ranges up to 230kV AC (240V, 4.2kV, 15kV, 25kV, 35kV, 69kV, 115kV, 230kV)
- Includes durable carrying case and universal/shotgun adapter



HVNCVT-2

Universal / Shotgun Adapter Included

Cat. No.	Voltage Range	Length	Weight
HVNCVT-2	up to 230kV AC	10-25/64" (260.4 mm)	1.4 lbs. (0.64 kg)

### Broad-Range Contact Tester

- Contact tester indicates the presence of voltage in overhead conductors 5kV AC to 36kV AC
- Includes durable carrying case



HVCT-1

Cat. No.	Voltage Range	Length	Weight
HVCT-1	5 - 36kV AC	9.7" (246.38 mm)	0.68 lbs. (0.31 kg)

### Fiberglass Telescoping Handle

- Used for checking voltage up to 1,000V AC
- Connects to the hot stick end of the High-Voltage Contact Tester (Cat. No. HVCT-1)
- Dielectric pole type-tested & rated for 10kV AC
- Comes in a convenient zippered case



HV-43

Cat. No.	Voltage Range	Length	Weight
HV-43	up to 1,000V AC	12.5"- 44.5" (317.5 to 1130.3 mm)	0.73 lbs. (0.33 kg)

See page 310 for additional information on warnings.



# NEW

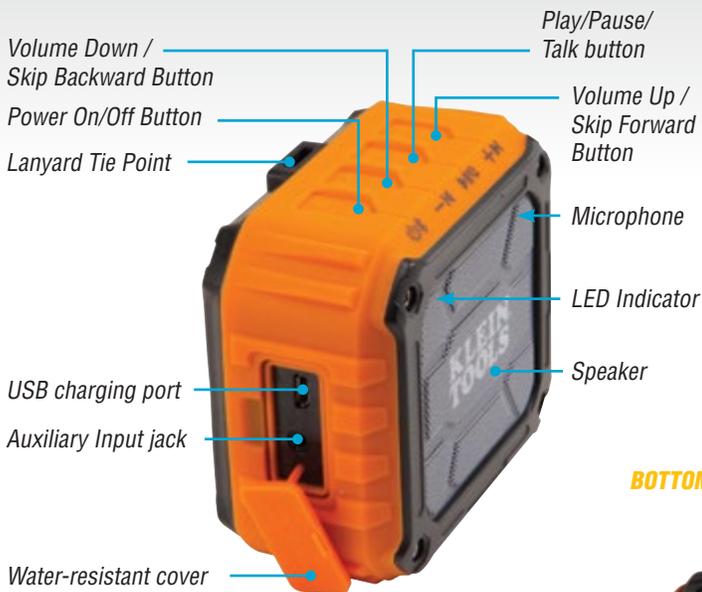
# WIRELESS JOBSITE SPEAKER

*iPhone / Android compatible*



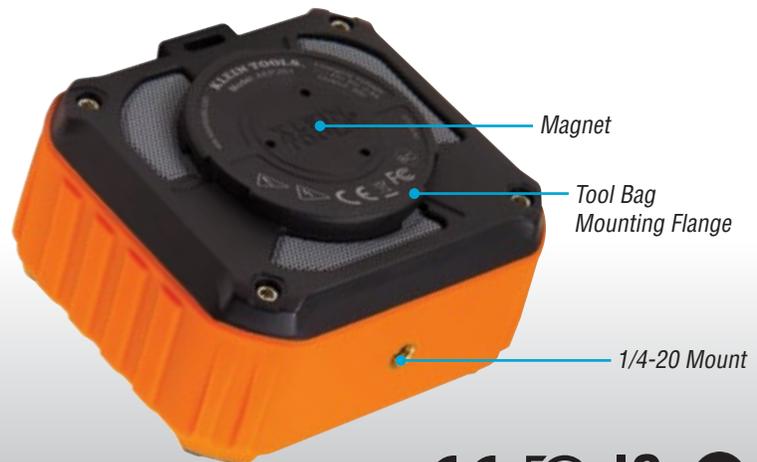
The Klein Tools **AEPJS1** is a powered speaker that provides 5 watts of high-quality sound for smart phones, tablets, computers and other audio devices via a wireless Bluetooth\* connection or wired auxiliary input. It answer calls hands-free with the built-in speakerphone and can be magnetically attached to any steel surface, attached to Klein's Lighted Tool Bag (Cat. No. 55431), mounted to a standard 1/4-20 tripod, attached to a lanyard, or simply stood up on any solid, level surface.

## TOP, SIDE & FRONT OF UNIT



- 10-Hour Battery Life
- 32.8 ft (10 m) Connectivity Range
- Rated IP45 Waterproof / Dustproof
- Drop Protected up to 6.6 ft (2 m)

## BOTTOM & BACK OF UNIT



Cat. No.	Dimensions	Weight
AEPJS1	3.88" x 3.5" x 2.13" (98.6 x 88.9 x 54.1 mm)	10 oz. (283 g)

\*Bluetooth is a registered trademark of Bluetooth Special Interest Group.





# Illumination

The Klein Tools Illumination line provides you the tools to make your life easier and more efficient on and off the jobsite. From hands-free lighting solutions such as headlamps and worklights to handheld flashlights and penlights, you can find the right tool to light your way. And as with all Klein products, you can be assured they offer the durability and reliability you know and trust.

For Professionals...  
Since 1857™

## Headlamp

- Anti-slip silicone strap keeps headlamp securely fastened to hard hat
- Strap comes pre-adjusted for quick fit to hard hat
- 45-degree tilt for varied beam direction to point light where it is needed most
- Two modes: High (spotlight) and Low (floodlight)
- 3 x AAA batteries included



### Two Modes:



Cat. No.	Lumens	Run Time	Drop Height	Batteries	Weight
56220	Spotlight - 150, Floodlight - 50	6 hrs 10 hrs.	6 ft. (1.8 m)	3 x AAA	5.6 oz. (159 g)



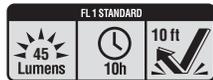
56220



## Inspection Penlight with Laser



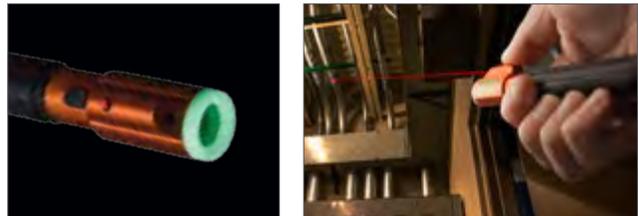
- LED penlight for up-close lighting in dim areas
- Laser pointer aids in pinpointing objects in out-of-reach locations
- Glow ring tip charges while the light is on and allows for easy retrieval in the dark
- 10 ft. drop rating
- Pocket clip for easy, convenient access
- Aluminum body with cushion-grip handle
- 2 x AAA batteries included



Cat. No.	Lumens	Run Time	Drop Protection	Batteries	Weight
56026 <b>NEW!</b>	45	10 hrs.	10 ft. (3 m)	2 x AAA	2.8 oz. (79 g)



56026



## Penlight

- Aluminum body with durable cushion grip handle offers a safe and comfortable hold
- Sturdy clip attaches to pocket or shirt for hands-free access and availability
- Rubberized power button provides non-slip touch
- Soft-on feature for quick reference lighting; click to stay on for extended usage
- Impact and water resistant
- 2 x AAA batteries included



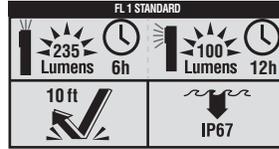
Cat. No.	Lumens	Run Time	Drop Height	Batteries	Weight
56222	36	5 hrs.	10 ft. (3 m)	2 x AAA	2.4 oz. (68 g)



56222

## Flashlight with Worklight

- Bright, focused flashlight and broadcasting work light in one tool
- Strong magnet for secure, hands-free illumination
- Glow ring tip charges while the light is on and allows for easy retrieval in the dark
- Durable; IP67 waterproof and dust proof with 10 ft. drop rating
- Aluminum body with cushion-grip handle
- Pocket clip for easy, convenient access
- 3 x AAA batteries included



Cat. No.	Lumens	Run Time	Drop Height	Batteries	Weight
56208 <b>NEW!</b>	Flashlight 235; Worklight 100	Flashlight 6 hrs.; Worklight 12 hrs.	10 ft. (3 m)	3 x AAA	5.5 oz. (156 g)

**NEW!**



56208



## Slide Focus Flashlight

- Aluminum flashlight with adjustable focus; slide head forward for spotlight, back for floodlight
- Durable cushion grip handle for safe and comfortable hold
- Impact and water resistant
- Rubberized power button provides non-slip touch
- 3 x AAA batteries included



Cat. No.	Lumens	Run Time	Drop Height	Batteries	Weight
56223	215	6 hrs.	10 ft. (3 m)	3 x AAA	5.6 oz. (159 g)



56223

## Clip Light

- Rugged, durable rubber overmold for safe and comfortable grip
- Hands-free options: magnetized clip for mounting to magnetic surface or clip for shirt or pocket
- Two modes: High/Low
- Impact and water resistant
- 3 x AAA batteries included



Cat. No.	Lumens	Run Time	Drop Height	Batteries	Weight
56221	High: 150, Low: 50	High: 6 hrs. Low: 10 hrs.	10 ft. (3 m)	3 x AAA	4.9 lbs. (2.22 kg)



56221

## Work Light

- Swivel hook and magnet for hands free use
- Three AAA batteries included

Cat. No.	Lumens	Run Time	Diameter	Depth	Batteries	Weight
55437	50	5 hrs.	2-51/64" (71.0 mm)	1-1/2" (38.1 mm)	3 x AAA	3.2 oz. (91 g)



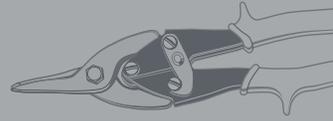
55437

# Sheet Metal Tools/HVAC

Klein's line of HVAC tools make it easy to work with sheet metal, ductwork and tubing. These job-matched tools are proven to stand the test of time with superior results.



For Professionals...  
Since 1857™



## JOURNEYMAN Snips

State-of-the-art, dual-material handles provide a better grip without sacrificing tool strength or durability

Meets or exceeds ASME B107.16M performance standard

Long-lasting serrated forged steel blades for superior strength and durability

Soft touch grips for maximum control and comfort



Tip-Ident™ for easy identification

Hard, colored material for toughness and durability

Premium corrosion – resistant plated handles

Self opening latch



US Patents: D623498, D631322

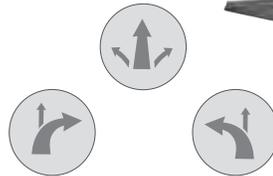
## Aviation Snips

### Additional Features:

- J1100L, J1101R, J1102S Journeyman snips cut 18 gauge cold rolled steel and 22 gauge stainless steel
- J2103S Journeyman Bulldog snips cut 16 gauge cold rolled steel and 18 gauge stainless steel



J1101R



J1102S



J1100L

Cat. No.	Cutting Pattern	Snip Type	Cutting Length	Color Code	Cutting Capacity: Cold Rolled/Stainless Steel	Overall Length	Weight
J1100L	Left/Straight	Aviation	1-3/8" (34.9 mm)	Red/Black	18 Gauge/22 Gauge	9-7/8" (250.8 mm)	14.4 oz. (408 g)
J1101R	Right/Straight	Aviation	1-3/8" (34.9 mm)	Green/Black	18 Gauge/22 Gauge	9-7/8" (250.8 mm)	14.7 oz. (417 g)
J1102S	Straight/Wide Curves	Aviation	1-1/2" (38.1 mm)	Yellow/Black	18 Gauge/22 Gauge	10-1/16" (255.6 mm)	14.4 oz. (408 g)
J2103S	Notch/Straight	Bulldog	7/8" (22.2 mm)	Yellow/Black	16 Gauge/18 Gauge	9-7/16" (239.7 mm)	13.9 oz. (394 g)

## Right Angle Snips

### Additional Features:

- J2104L, J2105R Journeyman snips cut straight, curves, and tight circles in 24 gauge cold rolled steel and 28 gauge stainless steel
- Makes cutting easier in confined spaces (in ductwork, reaching through openings or against a wall)

Cat. No.	Cutting Pattern	Snip Type	Cutting Length	Color Code	Cutting Capacity: Cold Rolled/Stainless Steel	Overall Length	Weight
J2104L	Left Curves/Tight Circles/Straight	Right Angle	1-1/4" (31.8 mm)	Red/Black	24 Gauge/28 Gauge	7-15/16" (201.6 mm)	14.4 oz. (408 g)
J2105R	Right Curves/Tight Circles/Straight	Right Angle	1-1/4" (31.8 mm)	Green/Black	24 Gauge/28 Gauge	7-15/16" (201.6 mm)	14.4 oz. (408 g)



J2105R



J2104L

See page 310 for additional information on warnings.



**JOURNEYMAN™**

**Cutting & Notching Tools**

**Offset Snips**

**Additional Features:**

- J2100L, J2101R, J2102S and J2106S snips feature exclusive Klein Kurve™ handles for natural hand positioning and ease of use
- J2106S Journeyman snips cut 20 gauge cold rolled steel and 24 gauge stainless steel, with a 2-3/8" length of cut for faster cutting
- J2100L, J2101R, J2102S Journeyman snips cut 18 gauge cold rolled steel and 22 gauge stainless steel



Cat. No.	Cutting Pattern	Snip Type	Cutting Length	Color Code	Overall Length	Cutting Capacity: Cold Rolled/Stainless Steel	Weight
J2100L	Left/Straight	Offset	1-1/4" (31.8 mm)	Red/Black	9-1/2" (241.3 mm)	18 Gauge/22 Gauge	15.5 oz. (439 g)
J2101R	Right/Straight	Offset	1-1/4" (31.8 mm)	Green/Black	9-1/2" (241.3 mm)	18 Gauge/22 Gauge	15.7 oz. (445 g)
J2102S	Straight/Wide Curves	Offset	1-1/2" (38.1 mm)	Yellow/Black	9-1/2" (241.3 mm)	18 Gauge/22 Gauge	15.5 oz. (439 g)
J2106S	Straight/Wide Curves	Long Cut Offset	2-3/8" (60.3 mm)	Yellow/Black	10-1/2" (266.7 mm)	20 Gauge/24 Gauge	1.1 lbs. (0.50 kg)

**Cutting & Notching Tools**

**Aviation Snips - Regular/Offset/Bulldog**

- Forged and heat-treated steel blades for strength and durability
- Regular and offset blades have the capacity of cutting 18 gauge cold-rolled sheet metal and 22 gauge stainless steel sheet metal
- Offset blades provide ease of cutting tight curves and keep user's hand away from metal
- Bulldog snips (Cat. No. 2103) for notching or trimming 16 gauge cold-rolled sheet metal and 18 gauge stainless steel sheet metal
- Spring-loaded for self-opening action
- Latch keeps jaws closed when not in use
- Hardened handles for extra strength
- Contoured plastic handles are comfortable and color-coded by cutting pattern

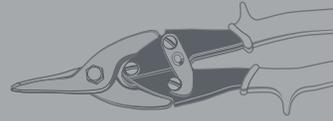
Cat. No.	Cutting Pattern	Snip Type	Cutting Length	Color Code	Overall Length	Cutting Capacity	Weight
1100L	Left/Straight	Aviation	1-3/8" (34.9 mm)	Red	9-3/4" (247.7 mm)	18 Gauge	14.4 oz. (408 g)
1101R	Right/Straight	Aviation	1-3/8" (34.9 mm)	Green	9-3/4" (247.7 mm)	18 Gauge	14.7 oz. (417 g)
1102S	Straight/Wide Curves	Aviation	1-1/2" (38.1 mm)	Yellow	10-1/8" (257.2 mm)	18 Gauge	14.4 oz. (408 g)
2100L	Left/Straight	Offset	1-1/4" (31.8 mm)	Red	9-1/2" (241.3 mm)	18 Gauge	15.5 oz. (439 g)
2101R	Right/Straight	Offset	1-1/4" (31.8 mm)	Green	9-1/2" (241.3 mm)	18 Gauge	15.7 oz. (445 g)
2102S	Straight/Wide Curves	Offset	1-1/2" (38.1 mm)	Yellow	9-1/2" (241.3 mm)	18 Gauge	15.5 oz. (439 g)
2103	Notch	Bulldog	7/8" (22.2 mm)	Yellow	9-1/4" (235 mm)	16 Gauge	13.9 oz. (394 g)



**Replacement springs for aviation snips**

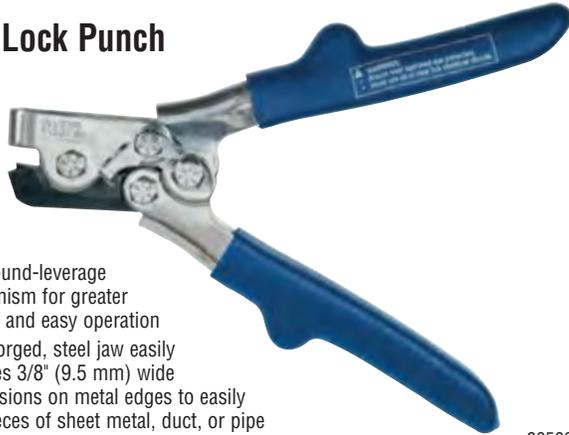
Cat. No.	Description
P-406	Replacement Spring, Cat. No. 1100L, 1102S
P-407	Replacement Spring, Cat. No. 1101R





## Cutting & Notching Tools

### Snap Lock Punch



86560

- Compound-leverage mechanism for greater control and easy operation
- Drop-forged, steel jaw easily punches 3/8" (9.5 mm) wide impressions on metal edges to easily join pieces of sheet metal, duct, or pipe
- All-steel construction and nickel-chrome plated hardware provide long life and durability
- Vinyl grips with handle stops for added comfort and easy operation

Cat. No.	Overall Length	Handle Color	Weight
86560	8" (203.2 mm)	Blue	1.0 lbs. (0.45 kg)

### Hand Notcher



86551

- Allows quick, clean, 30° "V" shaped cuts in sheet metal
- Drop-forged, high-impact steel jaw with 13/16" (21 mm) maximum throat depth
- Jaws' hook design allows easy notching of corners and take-off tabs without slippage
- All steel construction with nickel-plate and black-oxide finish provides long life and durability
- Hardened steel handles include hand guards and are covered with vinyl grips for added comfort and easy operation

Cat. No.	Overall Length	Handle Color	Weight
86551	8-1/2" (215.9 mm)	Blue	1.0 lbs. (0.45 kg)

### Lightweight Tinner Snips

- 6° angled, hollow-ground cutting edge for cutting full 3-1/2" (89 mm) straight cuts and wide curves
- Easily replaceable cutting blades made of high-carbon steel
- Cutting capacity: 22 gauge cold-rolled sheet metal; 26 gauge stainless steel sheet metal. Do not use to cut hardened wire, nails, or any other rounded surface
- Lightweight magnesium handles



3100

Cat. No.	Overall Length	Handle Color	Weight
3100	13" (330.2 mm)	Gray	13.4 oz. (380 g)

Cat. No.	Description
3101	Replacement Blades for Tinner Snips

## Seaming & Folding Tools

### Seamers - Straight and Offset

- Compound-leverage mechanism easily and accurately bends, seams, and flattens sheet metal and non-ferrous metals
- Jaw marked in 1/4" (6 mm) increments for precise bending measurements
- All-steel construction and nickel-chrome plated hardware provide long life and durability
- Vinyl grips with handle stops for added comfort and easy operation
- Straight-handle model is used for most general applications
- Offset-handle model (not pictured) is for use in overhead or confined areas
- Broader jaw model for forming wider folds
- Folds 22 gauge CRSM and 24 gauge SSSM



86553

Cat. No.	Type	Jaw Size	Overall Length	Handle Color	Weight
86553	Straight-Hand Seamer	3" (76.2 mm)	8-3/8" (212.7 mm)	Blue	1.5 lbs. (0.68 kg)
86552	Offset-Hand Seamer	3" (76.2 mm)	8" (203.2 mm)	Blue	1.5 lbs. (0.68 kg)



## Seaming & Folding Tools

### Folding Tools

- Two folding depths: 3/8" (10 mm) and 1" (25 mm)
- Handy sight gauges for accurate depth alignment
- Made of heavy-duty 16 gauge steel for folding strength



Cat. No.	Overall Length	Folds	Weight
88981	18" (457.2 mm)	24 Gauge CRSM and 28 Gauge SSSM	2.0 lbs. (0.91 kg)

88981

## Tube Benders & Cutters

### Professional 4-in-1 Tube Bender

- Bends four popular tube sizes
- Calibrated markings for accurate left-hand, right-hand, and offset bends up to 90°
- For soft copper, aluminum, and steel tubing
- Bends 3/16", 1/4", 5/16" and 3/8" (6 mm and 8 mm) O.D. tubing



89030

Cat. No.	Closed Overall Length	Weight
89030	10" (254 mm)	1.0 lbs. (0.45 kg)

### Professional Tube Cutter

- Accurate 4 roller tracking system - no spiraling
- Professional reaming tool for stainless steel tubing
- Extra cutting wheel included in handle



88904

Cat. No.	Overall Length	Cuts	Weight
88904	6-1/32" (153.2 mm)	1/8" to 1-3/8" (3.2 to 34.9 mm) Steel and Copper Tubing	1.3 lbs. (0.59 kg)

Cat. No.	Description	Weight
88905	Replacement Wheel for Tube Cutter	1.3 oz. (37 g)

### Professional Mini Tube Cutter

- Perfect for tight space cutting. Requires only 1-3/8" (34.9 mm) swing radius
- Smooth feed mechanism for precise, right angle cutting action
- For copper and aluminum tubing; not designed for cutting stainless steel or hard tempered tubing



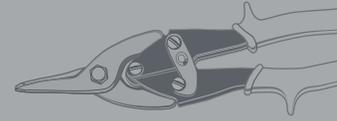
88978



88977

Cat. No.	Cuts	Overall Length	Weight
88977	1/8" to 5/8" (3.2 to 15.9 mm) O.D. Tubing	1-3/4" (44.5 mm)	2.5 oz. (71 g)

Cat. No.	Description	Weight
88978	Wheels and Screw for Mini Tube Cutter	2.5 oz. (71 g)



## Swaging Tool – Punch Type

### Professional 6-in-1 Swaging Punch

- Swages six sizes of tubing
- Hex design for ease of extraction
- Precision machined surface for ease of forming
- High-alloy steel, heat-treated for strength and durability



66400

Cat. No.	Swages	Overall Length	Weight
66400	3/16" (4.8 mm), 1/4" (6.4 mm), 5/16" (7.9 mm), 3/8" (9.5 mm), 1/2" (12.7 mm), 5/8" (15.9 mm) O.D. Tubing	5-13/16" (147.6 mm)	5.9 oz. (167 g)

## Duct Stretcher

### Duct Stretcher

- Aligns and pulls ductwork together, easing installation of drive cleats
- Offset handle protects hand



89565

Cat. No.	Overall Length	Weight
89565	16" (406.4 mm)	12.0 oz. (340 g)

## Crimping Tools

### 5-Blade Crimper

- Produces factory-precision indentations in stove pipe and round duct with just a squeeze
- Compound-leverage mechanism, heavy-duty jaw/handle linkage, and closing stop provide easy operation and consistent crimps for virtually leak-proof connections
- Hardened steel handles include hand guards covered with vinyl grips for added comfort and easy operation
- All steel construction and nickel-plating provide long life and consistent crimp profile



86550

Cat. No.	Crimps	Overall Length	Handle Color	Weight
86550	24 Gauge CRSM and 28 Gauge SSSM	9" (228.6 mm)	Blue	1.0 lbs. (0.45 kg)

## Refrigeration Wrenches

### Ratcheting Refrigeration Wrenches

- Fully reversible for refrigeration-packing gland nuts, valve stem sockets and beam-clamp installation
- Compact in size, with clearly marked sockets for four nut sizes
- Quick-flip reversing lever permits instant ratchet reversal
- Ruggedly built with polished chrome finish for smooth edges for comfort



68310

Cat. No.	Socket Size	Overall Length	Weight
68309	3/16" and 1/4" Sq. x 1/2" and 9/16" Hex	6-13/16" (173.0 mm)	6.9 oz. (196 g)
68310	3/16" and 5/16" Sq. x 1/4" and 3/8" Sq.	5-1/2" (139.7 mm)	3.2 oz. (91 g)



## Magnetic Hex Drivers

### Magnetic Hex Drivers

- For driving sheet metal screws
- Strong Rare Earth magnets for maximum holding
- 1/4" (6.4 mm) hex shank with quick release groove



86602

Cat. No.	Description	Overall Length	Weight
<b>3-Pack</b>			
86600	1/4" Magnetic Hex Drivers Pk 3	1-3/4" (44.5 mm)	1.9 lbs. (0.86 kg)
86601	5/16" Magnetic Hex Drivers 3 pack	1-3/4" (44.5 mm)	2.2 oz. (62 g)
86602	3/8" Magnetic Hex Drivers 3 pack	1-3/4" (44.5 mm)	2.6 oz. (74 g)
<b>10-Pack Punch Card for Individual Sale</b>			
8660010	1/4" Magnetic Hex Drivers Pk 10	1-3/4" (44.5 mm)	6.9 oz. (196 g)
8660110	5/16" Magnetic Hex Drivers 10 pack	1-3/4" (44.5 mm)	7.8 oz. (221 g)
8660210	3/8" Magnetic Hex Drivers 10 pack	1-3/4" (44.5 mm)	9.1 oz. (258 g)

## Nylon Tie Tensioning Tools

### Nylon Tie Tensioning Tools

- Designed for work with ties rated at 120 - 250 lbs. (54 - 113 kg)
- Tensions up to 65 lbs. of force (30 kg)
- Maximum tie width of 15/32" (12 mm)
- Handle grips for comfort
- Excess tie material is automatically cut off (Cat. No. 86571 only)

Cat. No.	Description	Weight
86570	Nylon Tie Tensioning Tool	13.9 oz. (395 g)
86571	Nylon Tie Tensioning Tool Auto Cutoff	1.0 lbs. (0.45 kg)



86571



86570

## Special-Purpose Knife

### Special-Purpose Knife

- Cuts duct board and flexible duct
- Double-edged knife: regular and serrated
- Cushion-grip handle for comfort
- Includes puncture resistant nylon sheath with belt loop

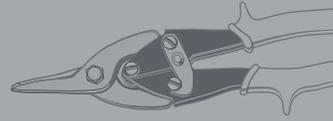


DK06



Cat. No.	Blade Material	Blade Length	Weight
DK06	Stainless Steel	5-1/2" (139.7 mm)	8.5 oz. (241 g)





## Specialty Screwdrivers

### 15-in-1 Screwdriver/Nut Drivers

- Multi-bit driver includes 14 different screwdriver tips plus a 1/4" (6.4 mm) nut driver
- Internal storage for screwdriver bits

**NEW!**



32290



Internal Storage



Cat. No.	Description	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	TORX Bits	Other Bits	Overall Length	Weight
32292 <b>NEW!</b>	HVAC Multi-Bit Screwdriver 15 Pc	4" (101.6 mm)	4 mm, 6 mm	#0, #1, #2, #3	#1, #2	1/4"	#10, #15, #20, #25	Schrader® Valve Insertion, Core Removal	8-1/2" (215.9 mm)	8.0 oz. (227 g)

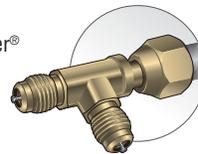
Schrader® is a registered trademark of Schrader-Bridgeport International, Inc.

### 11-in-1 Screwdriver/Nut Driver with Schrader® Valve Removal/Installation Bit

- Great for HVAC and other industrial applications
- Includes unique style bit for installation/removal of common TR-4 Schrader® valves and aggressive thread extractor tip for backing out broken cores



32527



Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	Other Bits	Overall Length	Weight
32527	4" (101.6 mm)	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	#1 and #2	3/8", 5/16" and 1/4"	Schrader® Valve Core Removal/Installation - Extractor	7-3/4" (196.9 mm)	7.0 oz. (198 g)

Schrader® is a registered trademark of Schrader-Bridgeport International, Inc.

### 2-in-1 Hex Head Screwdriver

- 1/4" and 5/16" six-point hex nut driver
- Powerful magnets for maximum fastener retention
- Solid build quality; feels like a conventional nut driver
- Color coded bands for easy identification
- Wrench-assist to help remove stubborn fasteners

**NEW!**



65064

Cat. No.	Tip Type	Tip Size	Shank Length	Overall Length	Weight
65064 <b>NEW!</b>	Hex	1/4" x 5/16" (6.4 x 7.9 mm)	3-5/8" (92.1 mm)	8" (203.2 mm)	7.2 oz. (204 g)

### 10-in-1 Folding Screwdriver/Nut Driver

- Conveniently folds up for easy storage or to fit into your pocket
- Each driver arm contains four interchangeable bit styles and two nut drivers
- Unfold each driver arm up to a full 180° for straight on driving power, or at 90° for extra leverage on stubborn fasteners
- The quick release button easily unlocks a fully extended driver arm

**10-FOLD™**



32534



Cat. No.	Handle Color	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Sizes	Other Bits	Weight
32534	Blue	1/4" (6.4 mm) and 3/16" (4.8 mm)	#1 and #2	#1 and #2	5/16" and 1/4"	Valve Core Removal/Installation - Extractor	5.9 oz. (167 g)

Schrader® is a registered trademark of Schrader-Bridgeport International, Inc.

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See page 310 for additional information on warnings.



## Hammers

### Setting Hammer

- Durable epoxy resin handle helps to protect neck from fraying and splintering if incorrectly struck or over struck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Cushioned, PVC grip bonded to handle
- Special high-carbon steel, octagon shaped head with flat striking surface and rounded cross peen



820-16

Cat. No.	Head Weight	Overall Length	Weight
820-16	16.0 oz. (454 g)	13" (330.2 mm)	1.6 lbs. (0.73 kg)

### Riveting Hammer

- High-carbon steel round head is forged and hardened
- Flat striking surface with rounded cross peen
- Straight-grain American hickory handle is stained and lacquered



821-12

Cat. No.	Head Weight	Overall Length	Weight
821-12	12.0 oz. (340 g)	12-1/4" (311.2 mm)	1.1 lbs. (0.50 kg)

### Dead Blow Hammers

- Durable, abrasion resistant non-marring hammer face
- Increased striking force with zero impact rebound
- Design isolates user from striking impact and reduces fatigue
- 40% more driving power than other dead blow hammers
- Protects job surface from damage
- Applications: HVAC, metal fabrication, electronics, oil and mining, wood and metal assembly, automotive, aerospace



811-16



Cat. No.	Head Weight	Overall Length	Weight
811-16	16.0 oz. (454 g)	12-1/2" (317.5 mm)	1.4 lbs. (0.64 kg)
811-32	32.0 oz. (907 g)	18" (457.2 mm)	1.8 lbs. (0.82 kg)

# Holemaking Products & Accessories

Made of top-of-the-line materials for longer lasting performance, Klein's diverse line of drill bits and holemaking products and accessories provide accuracy and consistency to get the job done right.



For Professionals...  
Since 1857™

## Flexible Drill Bits

### Flex Bit Augers



- Used to drill holes through wood within a wall
- Tapered back for easy bit retrieval
- Spring steel shaft resists deformation
- Screw point tip pulls the bit through wood
- Hole in tip allows for use with wire or cable pulling grip

Cat. No.	Length	Weight
53716	3/4" x 54" (19.1 x 1371.6 mm)	1.0 lbs. (0.45 kg)
53717	3/4" x 54" (19.1 x 1371.6 mm)	1.0 lbs. (0.45 kg)
53718	9/16" (14.3 mm) x 54" (1371.6 mm)	1.0 lbs. (0.45 kg)
53719	3/4" x 54" (19.1 x 1371.6 mm)	2.0 lbs. (0.91 kg)
53751	3/4" x 54" (19.1 x 1371.6 mm)	2.0 lbs. (0.91 kg)
53720	1" x 54" (25.4 x 1371.6 mm)	2.0 lbs. (0.91 kg)



53720



53719



53718



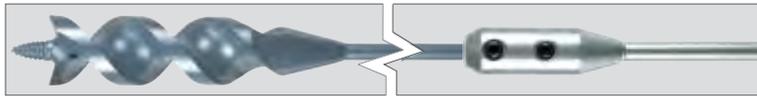
53716

### Flex Bit Extensions



53722

- Connects to the end of a flex bit and extends the length



Cat. No.	For Use With	Connection Diameter	Length	Weight
53722	3/4" (19.1 mm) and Larger	5/8" (15.9 mm)	54" (1371.6 mm)	1.0 lbs. (0.45 kg)
53723	9/16" (14.3 mm) and Smaller	7/16" (11.1 mm)	54" (1371.6 mm)	1.0 lbs. (0.45 kg)

### Flex Bit Placement Tool

- For use with flexible drill bits
- Positions flexible drill bits horizontally or vertically within a wall
- Cushion Grip handle for non-slip comfort
- Folding design stores more compactly than standard tool



53715SEN

Cat. No.	Length	Weight
53715SEN	11" (279.4 mm)	1.0 lbs. (0.45 kg)

## Pulling Grips

### Pulling Grips

- Used to pull wire or cable through walls
- Pulling grip attaches to the hole in the tip of the flex bit; wire mesh holds the wire during the pull
- Swivel end helps reduce twisting



KPS050SEN



KPS075SEN

Cat. No.	Capacity	Maximum Safe Load	Weight
KPS050SEN	1/2" to 9/16" (12.7 to 14.3 mm)	100 lbs. (45 kg)	1.1 lbs. (0.50 kg)
KPS075SEN	3/4" to 1" (19.1 to 25.4 mm)	185 lbs. (84 kg)	1.8 lbs. (0.82 kg)

**WARNING:** Do not exceed maximum safe load as listed on the label attached to the product.

**WARNING:** Always match proper size and type of grip to application.

**WARNING:** Always inspect equipment before use.





## Flexible Bit Kit

### Flex Bit Kit

- 3-piece kit includes folding placement tool, 1/2"-9/16" O.D. pulling grip and 9/16" x 54" flexible drill bit
- Everything you need to pull up to 9/16" O.D. wire
- Complete kit used for drilling and pulling wire and cable
- Use placement tool (Cat. No. 53715SEN) to guide bit through walls
- Flexible drill bit (Cat. No. 53718) makes 9/16" holes in wood
- Pulling grip (Cat. No. KPS050SEN) attaches to the flexible drill bit after the hole has been made and pulls 1/2" - 9/16" wire and cable



53721

Cat. No.	Kit Contains	Weight
53721		2.0 lbs. (0.91 kg)
Cat. No.	Description	
53715SEN	Flex Bit Placement Tool	
53718	Flex Bit Auger 9/16" x 54"	
KPS050SEN	Wire Pulling Grip 1/2" to 9/16"	

## Hole Saws

### Adjustable Hole Saw

- Quickly and smoothly cuts cleaner holes in drywall and ceiling tiles
- Blades adjust to cut holes from 2" to 7" (50.8 to 177.8 mm) in diameter
- Fits most 3/8" (9.5 mm) and 1/2" (12.7 mm) drill chucks
- No binding while cutting
- No additional tools needed to adjust the hole saw
- Dust shield catches ceiling debris (2 included)
- Hex key included



53731

Cat. No.	Range	Weight
53731	2" to 7" (50.8 to 177.8 mm)	5.0 oz. (142 g)

### Electrician's Hole Saw Kit

- Optimized teeth pattern for fast, consistent cutting of steel including stainless steel
- Cuts precise holes in stainless steel and mild steel, drywall, ceiling tile, laminates, wood and plastic
- Longest lasting, fastest cutting blade on the market
- Heavy-duty steel construction includes 5 mil back plate to withstand abuse
- Hex-shaped base for easy removal from arbor
- Contains the most popular sizes for basic electrical work
- All components are packed in a rust-proof, molded plastic carrying case



31902

Cat. No.	Kit Contains	Weight
31902		2.6 lbs. (1.18 kg)
Cat. No.	Description	
31914	Bi-Metal Hole Saw, 7/8"	
31918	Bi-Metal Hole Saw, 1-1/8"	
31922	Bi-Metal Hole Saw, 1-3/8"	
31928	Bi-Metal Hole Saw, 1-3/4"	
31932	Bi-Metal Hole Saw, 2"	
31940	Bi-Metal Hole Saw, 2-1/2"	
31905	Hole Saw Arbor with Adapter, 3/8"	
31906	Hole Saw Arbor With Pins, 3/8"	

See page 310 for additional information on warnings.



**NOTE:** Read and follow safety instructions in power tool owner's manual.

**Hole Saws**

**Bi-Metal Hole Saws**

- Optimized for cutting steel including stainless steel
- Cuts precise holes in stainless steel and mild steel, drywall, ceiling tile, laminates, wood and plastic
- Longest lasting, fastest cutting blade on the market
- Heavy-duty steel construction includes 5 mil back plate to withstand abuse
- The smallest hole saws feature hex-shaped base for easy removal from arbor



Cat. No.	Saw Diameter	Pipe Tap Size	Pipe Entrance Size	For Use With	Weight
31914	7/8" (22.2 mm)	3/4" (19.1 mm)	1/2" (12.7 mm)	31905	0.96 oz. (27 g)
31918	1-1/8" (28.6 mm)	1" (25.4 mm)	3/4" (19.1 mm)	31905	1.3 oz. (37 g)
31922	1-3/8" (34.9 mm)	—	1" (25.4 mm)	31905 or 31906	1.9 lbs. (0.86 kg)
31928	1-3/4" (44.5 mm)	1-1/2" (38.1 mm)	1-1/4" (31.8 mm)	31906	1.9 lbs. (0.86 kg)
31932	2" (50.8 mm)	—	1-1/2" (38.1 mm)	31906	2.1 oz. (60 g)
31940	2-1/2" (63.5 mm)	—	2" (50.8 mm)	31906	2.7 oz. (77 g)
31944	2-3/4" (69.9 mm)	—	—	31906	3.0 lbs. (1.36 kg)
31948	3" (76.2 mm)	—	2-1/2" (63.5 mm)	31906	3.5 oz. (99 g)
31958	3-5/8" (92.1 mm)	—	3" (76.2 mm)	31906	4.6 oz. (130 g)
31972	4-1/2" (114.3 mm)	—	4" (101.6 mm)	31906	6.4 oz. (181 g)
31900	6-3/8" (161.9 mm)	—	6" (152.4 mm)	31906	2.0 lbs. (0.91 kg)

31914 with 31905 arbor



Multiple slots provide different leverage points to easily remove material.

\* Pipe Tap Size – The sizes listed provide the necessary information whenever a pipe is to be threaded into tanks, boilers, etc. To secure the best results, the hole should be reamed before tapping with a reamer having a taper of 3/4" per foot.

\*\*Pipe Entrance Size – The sizes listed provide the necessary information for any given pipe size to have sufficient clearance to pass through beams, walls, bulkheads, etc.

**Hole-Saw Arbors and Accessories**

- Cat. No. 31905 is for use with all Klein hole saws
- Cat. No. 31906 is for use with Klein hole saws 1-3/8" to 6-6/8" (35 mm to 162 mm)
- Fast and easy to engage and disengage hole saws
- Steel construction for long life
- 118° split point pilot bits
- 31905 includes arbor adaptor for 5/8"-18
- Hardened mandrels for long thread life



Cat. No.	Thread Size	Shank Size	Shank Style	Pins	Electric Drill Size	Weight
31905	1/2" to 20	3/8"	Hexagonal	N	1/2" (12.7 mm) and Larger	2.6 oz. (74 g)
31906	5/8" to 18	7/16"	Hexagonal	Y	1/2" (12.7 mm) and Larger	2.6 oz. (74 g)

Cat. No.	Description	Weight
31907	Replacement Pilot Bit, 1/4" x 3-1/4"	0.3 oz. (8.5 g)

**Carbide-Tipped Hole Cutters**

**Carbide Hole Cutters**

- Cuts quick, precise holes in stainless steel, mild steel, iron, copper and brass sheet up to 3/16" (5 mm) thick
- Smooth start pilot drill bit for greater control
- Split point pilot drill bit prevents bit walking
- Integrated flange prevents the operator from drilling beyond the sheet metal
- Ejection spring for easy slug removal



Cat. No.	Size	Conduit & Pipe Sizes	Weight
31850	3/4" (19.1 mm)	—	4.0 oz. (113 g)
31852	7/8" (22.2 mm)	1/2" (12.7 mm)	4.8 oz. (136 g)
31856	1-1/8" (28.6 mm)	3/4" (19.1 mm)	6.4 oz. (181 g)
31860	1-3/8" (34.9 mm)	1" (25.4 mm)	7.2 oz. (204 g)
31866	1-3/4" (44.5 mm)	1-1/4" (31.8 mm)	11.2 oz. (318 g)
31868	2" (50.8 mm)	1-1/2" (38.1 mm)	12.8 oz. (363 g)
31870	2-1/2" (63.5 mm)	2" (50.8 mm)	15.2 oz. (431 g)

Replacement Part		
Cat. No.	Description	Weight
31874	Replacement Hole Cutter Pilot Bit	0.8 oz. (23 g)





## Carbide-Tipped Hole Cutters

### 4-Piece Carbide Hole Cutter Kit

- Conduit and pipe sizes: 1/2" to 1" (12.7 to 25.4 mm)

Cat. No.	Set Contains	Weight
31872		1.5 lbs. (0.68 kg)
Cat. No.	Size	Conduit & Pipe Sizes
31852	7/8" (22.2 mm)	1/2" (12.7 mm)
31856	1-1/8" (28.6 mm)	3/4" (19.1 mm)
31860	1-3/8" (34.9 mm)	1" (25.4 mm)
31874	Pilot Bits	—



31872

### 8-Piece Master Electrician's Hole Cutter Kit

- Conduit and pipe sizes: 1/2" to 2" (12.7 to 50.8 mm)

Cat. No.	Set Contains	Weight
31873		4.3 lbs. (1.95 kg)
Cat. No.	Size	Conduit & Pipe Sizes
31852	7/8" (22.2 mm)	1/2" (12.7 mm)
31856	1-1/8" (28.6 mm)	3/4" (19.1 mm)
31860	1-3/8" (34.9 mm)	1" (25.4 mm)
31866	1-3/4" (44.5 mm)	1-1/4" (31.8 mm)
31868	2" (50.8 mm)	1-1/2" (38.1 mm)
31870	2-1/2" (63.5 mm)	2" (50.8 mm)
31874	Pilot Bits	—



31873

## Knockout Punches

### Knockout Punch Set with Wrench

- Set includes: 1" ratcheting wrench, knockout punches, dies and draw studs for 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2" conduit sizes
- Cutting capacity 10 gauge mild steel; also cuts aluminum, fiberglass and plastic
- Splits slugs for easy removal
- Punches holes cleanly and accurately
- Kit includes six different size knockout punches and dies, two draw studs and one ratcheting box end wrench



53732-SEN

**NOTE:** Lubricate threads before each use.

Cat. No.	Set Contains	Weight
53732SEN		9.0 lbs. (4.08 kg)
Cat. No.	Description	
Punch		
53819	7/8" Knockout Punch, 1/2" Conduit	
53827	1.115" Knockout Punch, 3/4" Conduit	
53837	1.362" Knockout Punch, 1" Conduit	
53849	1.701" Knockout Punch, 1-1/4" Conduit	
53857	1.951" Knockout Punch, 1-1/2" Conduit	
53867	2.416" Knockout Punch, 2" Conduit	
Die		
53820	7/8" Knockout Die, 1/2" Conduit	
53828	1.115" Knockout Die, 3/4" Conduit	
53838	1.362" Knockout Die, 1" Conduit	
53850	1.701" Knockout Die, 1-1/4" Conduit	
53858	1.951" Knockout Die, 1-1/2" Conduit	
53868	2.416" Knockout Die, 2" Conduit	
Additional Items		
53873	1" Ratcheting Box End Wrench	
53871	3/8" X 2-5/8" Knockout Draw Stud	
53872	3/4" X 4" Knockout Draw Stud	



## Knockout Punches

### Knockout Punch Set

- Optimized design reduces wrench effort
- Slugs are split inside for easy removal
- Maximum capacity of 10 gauge mild steel. Also cuts aluminum, fiberglass and plastic
- Punches holes cleanly and accurately
- Set includes 1/2" or 3/4" punch and die with draw stud

Cat. No.	Conduit Size	Overall Length	Weight
53727SEN	3/4" (19.1 mm)	4" (101.6 mm)	15.7 oz. (445 g)
53728SEN	1/2" (12.7 mm)	2-5/8" (66.7 mm)	7.2 oz. (204 g)



**NOTE:** Lubricate threads before each use.

## Step Drill Bits

### Double-Fluted High-Speed Step Drill Bits

- Two flutes cut faster and keep bit cooler
- Easy-to-read silver step rings save time when drilling common holes
- Fast-starting, non-walking drill tip
- Thick, extra-long 3/8" hex shank provides a firm, positive grip in the drill and won't spin out



High-visibility silver step rings!

Cat. No.	Quick Reference	No. of Holes	Increment	Hole Size Range	Weight
KTSB01	#1	13	1/32" (0.8 mm)	1/8" to 1/2" (3.2 to 12.7 mm)	0.8 oz (23 g)
KTSB03	#3	9	1/16" (1.6 mm)	1/4" to 3/4" (6.4 to 19.1 mm)	2.4 oz. (68 g)
KTSB11	#11	2	—	7/8" (22.2 mm), 1-1/8" (28.6 mm)	4.8 oz. (136 g)
KTSB14	#14	12	1/16" (1.6 mm)	3/16" to 7/8" (4.8 to 22.2 mm)	2.4 oz. (68 g)
KTSB15	#15	3	—	7/8" (22.2 mm), 1-1/8" (28.6 mm), 1-3/8" (34.9 mm)	7.4 oz. (210 g)



## Wood Boring

### Wood Boring Bits with Screw Point

- Superior to auger bits
- Low-torque design greatly reduces the wrist fatigue from standard auger bits
- Easily change direction when drilling holes to customize the shape
- Unique head shape minimizes chatter while drilling versus ordinary paddle bits
- The extra durable pilot screws are hardened to last longer
- Easy-to-sharpen blades
- Easy-to-replace pilot screw shaft spin out



Cat. No.	Hole Size	Shaft Diameter	Hex End	Shaft Length	Weight
53932	7/8" (22.2 mm)	3/8" (9.5 mm)	5/16"	6" (152.4 mm)	4.5 oz. (128 g)
53934	1-1/8" (28.6 mm)	3/8" (9.5 mm)	5/16"	6" (152.4 mm)	5.8 oz. (164 g)
53936	1-3/8" (34.9 mm)	3/8" (9.5 mm)	5/16"	6" (152.4 mm)	6.2 oz. (176 g)
53938	Replacement Shaft	3/8" (9.5 mm)	5/16"	6" (152.4 mm)	3.5 oz. (99 g)





## Ship-Auger Bits

### Ship-Auger Bits with Screw Point

- Drills through nails, wood, vinyl, plastics and heavy timber
- Special bit steel with machine-ground flutes and polished edges for smooth, wobble-free boring
- Full length is heat-treated and tempered
- Deep, open-throat design clears chips for faster, cleaner cuts
- 7/16" hex shafts fit 1/2" and larger three-jaw chucks
- Head and twist are ground to correct clearance for easy removal from hole
- For heavy construction and repair work in mines, on docks and bridges, as well as electrical work



53437

Cat. No.	Tip Size	Twist Length	Overall Length	Weight
53402	3/4" (19.1 mm)	4" (101.6 mm)	6" (152.4 mm)	6.4 oz. (181 g)
53404	7/8" (22.2 mm)	4" (101.6 mm)	6" (152.4 mm)	8.0 oz. (227 g)
53406	1" (25.4 mm)	4" (101.6 mm)	6" (152.4 mm)	8.0 oz. (227 g)
53408	1-1/8" (28.6 mm)	4" (101.6 mm)	6" (152.4 mm)	12.8 oz. (363 g)
53437	3/4" (19.1 mm)	15" (381.0 mm)	18" (457.2 mm)	15.2 oz. (431 g)
53439	7/8" (22.2 mm)	15" (381.0 mm)	18" (457.2 mm)	1.2 lbs. (0.54 kg)
53441	1" (25.4 mm)	15" (381.0 mm)	18" (457.2 mm)	1.7 lbs. (0.77 kg)
53443	1-1/8" (28.6 mm)	15" (381.0 mm)	18" (457.2 mm)	1.8 lbs. (0.82 kg)

## Anchors

### Conical Anchor Kit-100 Fasteners

- Kit contains: 100 #2 Phillips, 10 x 1" Screws, and 100 plastic anchors
- 1/4" Masonry drill bit also included



53729

Cat. No.	Anchor Size	Screw Size	Tip Size	Weight
53729	#10 - #12	#10 x 1" (25.4 mm)	1/4" (6.4 mm)	1.0 lbs. (0.45 kg)

## Drill Bit Sets

### 13-Piece Regular-Point Drill-Bit Set

- Hinged metal box with one stand-up bit holder
- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding



53002

Cat. No.	Set Contains	Weight	
53002		9.6 oz. (272 g)	
Cat. No.	Tip Size	Cat. No.	Tip Size
53100	1/16" (1.59 mm)	53107	11/64" (4.4 mm)
53101	5/64" (2.0 mm)	53108	3/16" (4.8 mm)
53102	3/32" (2.4 mm)	53109	13/64" (5.2 mm)
53103	7/64" (2.8 mm)	53110	7/32" (5.6 mm)
53104	1/8" (3.2 mm)	53111	15/64" (6.0 mm)
53105	9/64" (3.6 mm)	53112	1/4" (6.4 mm)
53106	5/32" (4.0 mm)		

### 15-Piece Regular-Point Drill-Bit Set

- Hinged metal box with two stand-up bit holders
- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow



53001

Cat. No.	Set Contains	Weight	
53001		2.0 lbs. (0.91 kg)	
Cat. No.	Tip Size	Cat. No.	Tip Size
53100	1/16" (1.59 mm)	53116	5/16" (7.9 mm)
53102	3/32" (2.4 mm)	53118	11/32" (8.7 mm)
53104	1/8" (3.2 mm)	53120	3/8" (9.5 mm)
53106	5/32" (4.0 mm)	53122	13/32" (10.3 mm)
53108	3/16" (4.8 mm)	53124	7/16" (11.1 mm)
53110	7/32" (5.6 mm)	53126	15/32" (11.9 mm)
53112	1/4" (6.4 mm)	53128	1/2" (12.7 mm)
53114	9/32" (7.1 mm)		



**Drill Bit Sets**



53000

**29-Piece Regular-Point Drill-Bit Set**

- Hinged metal box with three stand-up bit holders
- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow

Cat. No.	Set Contains	Weight
53000		3.3 lbs. (1.50 kg)
Cat. No.	Tip Size	
53100	1/16" (1.59 mm)	
53101	5/64" (2.0 mm)	
53102	3/32" (2.4 mm)	
53103	7/64" (2.8 mm)	
53104	1/8" (3.2 mm)	
53105	9/64" (3.6 mm)	
53106	5/32" (4.0 mm)	
53107	11/64" (4.4 mm)	
53108	3/16" (4.8 mm)	
53109	13/64" (5.2 mm)	
53110	7/32" (5.6 mm)	
53111	15/64" (6.0 mm)	
53112	1/4" (6.4 mm)	
53113	17/64" (6.7 mm)	
53114	9/32" (7.1 mm)	
53115	19/64" (7.4 mm)	
53116	5/16" (7.9 mm)	
53117	21/64" (8.3 mm)	
53118	11/32" (8.7 mm)	
53119	23/64" (9.1 mm)	
53120	3/8" (9.5 mm)	
53121	25/64" (9.9 mm)	
53122	13/32" (10.3 mm)	
53123	27/64" (10.7 mm)	
53124	7/16" (11.1 mm)	
53125	29/64" (11.5 mm)	
53126	15/32" (11.9 mm)	
53127	31/64" (12.3 mm)	
53128	1/2" (12.7 mm)	

**Drill Bits**



53128

**Regular-Point 118° High-Speed Drill Bits**

- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow

Cat. No.	Tip Size	Flute Length	Overall Length	Weight
53100	1/16" (1.59 mm)	7/8" (22.2 mm)	1-7/8" (47.6 mm)	0.2 oz. (5.7 g)
53101	5/64" (2.0 mm)	1" (25.4 mm)	2" (50.8 mm)	0.2 oz. (5.7 g)
53102	3/32" (2.4 mm)	1-1/4" (31.8 mm)	2-1/4" (57.2 mm)	0.2 oz. (5.7 g)
53103	7/64" (2.8 mm)	1-1/2" (38.1 mm)	2-5/8" (66.7 mm)	0.2 oz. (5.7 g)
53104	1/8" (3.2 mm)	1-5/8" (41.3 mm)	2-3/4" (69.9 mm)	0.2 oz. (5.7 g)
53105	9/64" (3.6 mm)	1-3/4" (44.5 mm)	2-7/8" (73.0 mm)	0.2 oz. (5.7 g)
53106	5/32" (4.0 mm)	2" (50.8 mm)	3-1/8" (79.4 mm)	0.2 oz. (5.7 g)
53107	11/64" (4.4 mm)	2-1/8" (54.0 mm)	3-1/4" (82.6 mm)	0.2 oz. (5.7 g)
53108	3/16" (4.8 mm)	2-5/16" (58.7 mm)	3-1/2" (88.9 mm)	0.3 oz. (8.5 g)
53109	13/64" (5.2 mm)	2-7/16" (61.9 mm)	3-5/8" (92.1 mm)	0.3 oz. (8.5 g)
53110	7/32" (5.6 mm)	2-1/2" (63.5 mm)	3-3/4" (95.3 mm)	0.8 oz (23 g)
53111	15/64" (6.0 mm)	2-5/8" (66.7 mm)	3-7/8" (98.4 mm)	0.8 oz (23 g)
53112	1/4" (6.4 mm)	2-3/4" (69.9 mm)	4" (101.6 mm)	0.8 oz (23 g)
53113	17/64" (6.7 mm)	2-7/8" (73.0 mm)	4-1/8" (104.8 mm)	0.8 oz (23 g)
53114	9/32" (7.1 mm)	2-15/16" (74.6 mm)	4-1/4" (108.0 mm)	0.8 oz (23 g)
53115	19/64" (7.4 mm)	3-1/16" (77.8 mm)	4-3/8" (111.1 mm)	0.8 oz. (23 g)
53116	5/16" (7.9 mm)	3-3/16" (81.0 mm)	4-1/2" (114.3 mm)	0.8 oz (23 g)
53117	21/64" (8.3 mm)	3-5/16" (84.1 mm)	4-5/8" (117.5 mm)	1.6 oz. (45 g)
53118	11/32" (8.7 mm)	3-7/16" (87.3 mm)	4-3/4" (120.7 mm)	0.8 oz (23 g)
53119	23/64" (9.1 mm)	3-1/2" (88.9 mm)	4-7/8" (123.8 mm)	1.6 oz. (45 g)
53120	3/8" (9.5 mm)	3-5/8" (92.1 mm)	5" (127.0 mm)	1.6 oz. (45 g)
53121	25/64" (9.9 mm)	3-3/4" (95.3 mm)	5-1/8" (130.2 mm)	1.6 oz. (45 g)
53122	13/32" (10.3 mm)	3-7/8" (98.4 mm)	5-1/4" (133.4 mm)	2.4 oz. (68 g)
53123	27/64" (10.7 mm)	3-15/16" (100.0 mm)	5-3/8" (136.5 mm)	2.4 oz. (68 g)
53124	7/16" (11.1 mm)	4-1/16" (103.2 mm)	5-1/2" (139.7 mm)	2.4 oz. (68 g)
53125	29/64" (11.5 mm)	4-3/16" (106.4 mm)	5-5/8" (142.9 mm)	2.9 oz. (82 g)
53126	15/32" (11.9 mm)	4-5/16" (109.5 mm)	5-3/4" (146.1 mm)	2.4 oz. (68 g)
53127	31/64" (12.3 mm)	4-3/8" (111.1 mm)	5-7/8" (149.2 mm)	3.2 oz. (91 g)
53128	1/2" (12.7 mm)	4-1/2" (114.3 mm)	6" (152.4 mm)	3.2 oz. (91 g)



# Saws & Blades

Saws and blades from Klein are designed with the professional user in mind, providing superior results with less effort.



For Professionals...  
Since 1857™

**Saws & Blades**

**High-Tension Hacksaw**

- Adjustable blade tension up to 30,000 PSI for fast, precise cuts
- Soft-touch grips
- Alternative 45° mounting for flush cutting
- Front mount for reciprocating saw blades
- Blade storage in handle
- Includes 12" x 24 TPI bi-metal hack saw blade and 6" x 24 TPI bi-metal reciprocating saw blade



702-12

Cat. No.	Blade Length	Overall Length	Weight
702-12	12" (304.8 mm)	16-1/4" (412.8 mm)	1.5 lbs. (0.68 kg)

**Dual-Purpose Hacksaw - Golden Tri-Cut™ 3-in-1 Blade**

- Blade has three teeth sizes
- Blade converts quickly to 90° or 45° for standard or flush-cut applications
- Pivot-lock adjusts blade tension for straighter cuts and longer blade life
- Set screw allows for storage of extra blades and secures blade for "jab" sawing
- Aluminum finger grip handle and front end
- Thumb guard for two-hand sawing



701-S

Cat. No.	Blade Length	Overall Length	Weight
701-S	12" (304.8 mm)	16" (406.4 mm)	1.5 lbs. (0.68 kg)



Blade has three teeth sizes

**Bi-Metal Blades**



1224BI

- Special high-speed steel teeth fused to regular carbon-steel body, which provides superior cutting and longer life
- Withstands greater saw tension for less blade flexing
- Fits all 12" (305 mm) hacksaw blades
- Blue finish
- Available in box of 100 blades or in a reclosable, heavy-vinyl, seal-tight pouch of 10 blades

Cat. No.	Teeth Per Inch	Overall Length	Package Quantity	Weight
1218BI-P	18	12" (304.8 mm)	10-Pack	7.2 oz. (204 g)
1224BI-P	24	12" (304.8 mm)	10-Pack	7.2 oz. (204 g)
1232BI-P	32	12" (304.8 mm)	10-Pack	7.2 oz. (204 g)
1218BI	18	12" (304.8 mm)	100-Pack	4.5 lbs. (2.04 kg)
1224BI	24	12" (304.8 mm)	100-Pack	4.5 lbs. (2.04 kg)
1232BI	32	12" (304.8 mm)	100-Pack	4.5 lbs. (2.04 kg)

**Golden Tri-Cut™ Blades**



1200BI

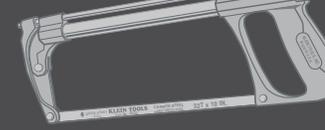


Blade has three teeth sizes

- Unique design provides three teeth sizes on one blade
- Has 32 teeth/inch up front for quick starts, 24 teeth/inch in the middle and 18 teeth/inch on the end for fast and smooth conventional cutting
- Special high-speed steel teeth fused to carbon-steel provide superior cutting action and long life
- Gold finish
- Available in box of 100 blades or in a reclosable, heavy-vinyl, seal-tight pouch of 10 blades

Cat. No.	Teeth Per Inch	Overall Length	Package Quantity	Weight
1200BI-P	32-24-18	12" (304.8 mm)	10-Pack	7.2 oz. (204 g)
1200BI	32-24-18	12" (304.8 mm)	100-Pack	4.5 lbs. (2.04 kg)





## Saws & Blades

### Jab Saw

- Cuts drywall, wallboard, plywood and plastic
- Triple ground teeth for a fast cut
- Blade cuts in both directions (push and pull)
- Hardened, carbon-steel blade for durability
- Hardened, beveled blade point for scoring and plunge cuts
- Comfort cushion grip with thumb groove
- Handle structure designed for strength and durability
- Flat-end grip for palming or punching through drywall



725

Cat. No.	Blade Length	Overall Length	Weight
725	6" (152.4 mm)	12" (304.8 mm)	5.0 oz. (142 g)

### Magic-Slot Compass Saws

- Magic-Slot design allows fast blade changing without removing thumbscrew
- Strong, lightweight, die-cast zinc handle with blue finish is contoured for comfort
- Cat. No. 703 comes with Cat. No. 706 8" blade
- Blade is tough, high-quality carbon steel, 8" (203 mm) long, with ten teeth per inch for general-purpose use
- Cat. No. 702 can be used with Magic-Slot cut-in or general-purpose blades only
- Replacement blades and handle can be ordered separately



703

Cat. No.	Description	Teeth Per Inch	Overall Length	Weight
703	Magic-Slot Compass Saw with 8" Blade	10	13" (330.2 mm)	1.2 lbs. (0.54 kg)
702	Magic-Slot Compass Saw Handle	—	5" (127.0 mm)	1.1 lbs. (0.50 kg)

### Compass Saw Replacement Blades

- For cutting through wallboard or Masonite to install wiring, outlet boxes, etc.
- Tough high-quality carbon steel
- Pointed starter tip
- Fits Magic-Slot compass saw handle Cat. No. 702



709

Cat. No.	Teeth Per Inch	Overall Length	Weight
704	8	12" (304.8 mm)	2.2 oz. (62 g)
705	10	12" (304.8 mm)	2.2 oz. (62 g)
706	10	8" (203.2 mm)	1.4 lbs. (0.64 kg)
707	10	10" (254.0 mm)	1.9 oz. (54 g)
709	10	4" (101.6 mm)	1.0 oz. (28 g)

### Reciprocating Saw Blades

- Bi-metal blades for different cutting applications of steel and wood
- Shock resistant teeth resist strippage
- 1/2" universal shank to fit all popular reciprocating saw tools

**NOTE:** Read and follow safety instructions in power tool owner's manual.



31716



31728

Cat. No.	Teeth Per Inch	Blade Length	Blade Width	Blade Thickness	Application	Package Quantity	Weight
31716	6	6" (152.4 mm)	3/4" (19.1 mm)	0.050" (1.27 mm)	Wood with Nails	5-Pack	3.6 oz. (102 g)
31728	18	6" (152.4 mm)	3/4" (19.1 mm)	0.035" (0.89 mm)	Heavy Gauge Metals	5-Pack	6.5 oz. (184 g)
31734	24	6" (152.4 mm)	3/4" (19.1 mm)	0.035" (0.89 mm)	18 Gauge and Under	5-Pack	1.6 oz. (45 g)

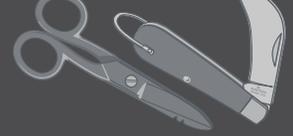


# Knives & Cutting Tools

Klein provides a wide range of knives, scissors and other cutting tools for professional applications across all trades.



For Professionals...  
Since 1857™



## Pocket Knives – One Blade

### Pocket Knives

- **Cat. No. 44142** features a 440A stainless steel drop point blade, dual thumb studs for one handed opening, lockback design to secure knife in open position, black aluminum handle for corrosion resistance, pocket clip to keep knife readily available, and lanyard hole built into the handle
- **Cat. No. 44144** features a 440A stainless steel drop point blade, dual thumb studs for one handed opening, linear lock to secure blade in open position, silver aluminum handle for corrosion resistance, pocket clip to keep knife readily available, and lanyard hole built into the handle
- **Cat. No. 44220** features a 440A stainless steel blade black fine-edge drop-point blade, dual thumb studs for one handed opening, linear lock to secure blade in open position, rubberized non-slip handle for better grip, low-carry pocket clip allowing the knife to sit deeper in pocket, and lanyard hole built into the handle
- **Cat. No. 44222** features a 440A stainless steel black fine-edge tanto-style blade for superior edge retention and ease of sharpening, a 1/2 serrated and 1/2 fine edge blade for both slicing and ripping, dual thumb studs for one handed opening, linear lock to secure blade in open position, Realtree Xtra® camouflage handle with rubberized non-slip handle for better grip, low-carry pocket clip allowing the knife to sit deeper in pocket, and lanyard hole built into the handle



44142



44144

**NEW!**



44220

**NEW!**



44222

**REALTREE Xtra** Realtree AP-XTRA Camouflage Design © 2012 of Jordan Outdoor Enterprises, Ltd., all rights reserved.

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
44142 <b>NEW!</b>	440A Stainless Steel	2-7/8" (73.0 mm)	3-1/2" (88.9 mm)	6-3/4" (171.5 mm)	0.14 oz. (4 g)
44144 <b>NEW!</b>	440A Stainless Steel	3-3/8" (85.7 mm)	4" (101.6 mm)	8 (203.2 mm)	0.3 oz. (8.5 g)
44220	440A Stainless Steel	3-1/2" (88.9 mm)	4-3/4" (120.7 mm)	8-1/4" (209.6 mm)	5.0 oz. (142 g)
44222	440A Stainless Steel	3-1/2" (88.9 mm)	4-1/2" (114.3 mm)	8-1/8" (206.4 mm)	4.0 oz. (113 g)

### Electrician's Pocket Knives

- 440A stainless steel blade
- Dual thumb studs for one-hand open
- Pocket clip keeps knife readily available
- 3 wire-stripping notches on the back of the blade (10 SLD/12 STR, 12 SLD/14 STR, and 14 SLD/16 STR)
- Cat. No. 44217 includes a #2 Phillips driver tucked smartly into handle and features a linear lock to secure it in the open position



Features stripping notches

**NEW!**



44217



44201

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
44201	440A Stainless Steel	3-3/8" (85.7 mm)	4-1/4" (108.0 mm)	7-31/32" (202.4 mm)	6.6 oz. (187 g)
44217 <b>NEW!</b>	440A Stainless Steel	3-3/8" (85.7 mm)	4-3/4" (120.7 mm)	10" (254.0 mm)	7.0 oz. (198 g)

See page 310 for additional information on warnings.



**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local laws on legality of selling or possessing these knives.

**Pocket Knives – One Blade**

**Lockback Knives**

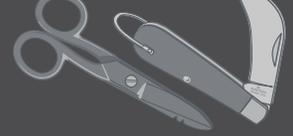
- All knives feature AUS 8 stainless steel blades, reversible thumb stud to provide easy one-handed opening, and lockback design to secure blade in open position



Cat. No.	Handle Material	Handle Color	Blade Length	Length Closed	Overall Length	Weight
<b>Drop Point Blade</b>						
44000	Anodized Aluminum	Silver	2-1/4" (57.2 mm)	3-1/8" (79.4 mm)	5-1/2" (139.7 mm)	1.5 oz. (43 g)
44000-BLK	Anodized Aluminum	Black	2-1/4" (57.2 mm)	3-1/8" (79.4 mm)	5-1/2" (139.7 mm)	1.1 oz. (31 g)
44001*	Anodized Aluminum	Silver	2-1/2" (63.5 mm)	3-1/2" (88.9 mm)	6-1/8" (155.6 mm)	2.5 oz. (71 g)
44001-BLK*	Anodized Aluminum	Black	2-1/2" (63.5 mm)	3-1/2" (88.9 mm)	6-1/8" (155.6 mm)	1.5 oz. (43 g)
44002	Nylon Resin	Black	2-3/8" (60.3 mm)	3-1/2" (88.9 mm)	6" (152.4 mm)	1.5 oz. (43 g)
44003	Nylon Resin	Black	2-3/4" (69.9 mm)	4-1/8" (104.8 mm)	7" (177.8 mm)	2.5 oz. (71 g)
<b>Tanto Blade</b>						
44052BLK	Anodized Aluminum	Black	2-3/4" (69.9 mm)	3-5/8" (92.1 mm)	6-1/8" (155.6 mm)	4.8 oz. (136 g)
<b>Sheepsfoot Blade</b>						
44004	Nylon Resin	Black	2-3/8" (60.3 mm)	3-1/2" (88.9 mm)	6" (152.4 mm)	1.5 oz. (43 g)
44005	Nylon Resin	Black	2-5/8" (66.7 mm)	4-1/8" (104.8 mm)	6-3/4" (171.5 mm)	2.5 oz. (71 g)
44006*	Anodized Aluminum	Silver	2-5/8" (66.7 mm)	3-1/2" (88.9 mm)	6-5/8" (168.3 mm)	1.3 oz. (37 g)
<b>Coping Blade</b>						
44007*	Anodized Aluminum	Silver	2-1/2" (63.5 mm)	3-1/2" (88.9 mm)	6-1/8" (155.6 mm)	1.5 oz. (43 g)
<b>Rounded Tip Coping Blade</b>						
44005R	Nylon Resin	Black	2-5/8" (66.7 mm)	4-1/8" (104.8 mm)	6-3/4" (171.5 mm)	2.5 oz. (71 g)
44005RC*	Nylon Resin	Black	2-5/8" (66.7 mm)	4-1/8" (104.8 mm)	6-3/4" (171.5 mm)	2.5 oz. (71 g)

\* Includes a pocket/belt clip.





## Pocket Knives – One Blade

### Compact Pocket Knives - Drop-Point Blade

- Compact and lightweight knives
- Stainless steel handle and blade for long life
- Rosewood handle inserts on both sides
- Modified spear point blade lockback open

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
44032	Stainless Steel	1-5/8" (41.3 mm)	2-1/2" (63.5 mm)	4-1/4" (108.0 mm)	1.0 oz. (28 g)
44033	Stainless Steel	2" (50.8 mm)	3" (76.2 mm)	5-1/4" (133.4 mm)	1.8 oz. (51 g)
44034	Stainless Steel	2-5/8" (66.7 mm)	4" (101.6 mm)	7" (177.8 mm)	4.0 oz. (113 g)



44033

### Sportsman Knives - Drop-Point Blade

- Curved handle with big bolster
- Brass bolsters and ebony wood handle
- Stainless steel blade for long life
- Brass linings
- Blade locks open
- Cat. No. 44037 furnished with leather snap case with belt loop

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
44036	Stainless Steel	2-3/8" (60.3 mm)	3-1/2" (88.9 mm)	6-3/8" (161.9 mm)	2.5 oz. (71 g)
44037	Stainless Steel	3-3/8" (85.7 mm)	4-7/8" (123.8 mm)	8-3/4" (222.3 mm)	6.5 oz. (184 g)



44037

### Pocket Knife - Coping Blade

- Coping blade
- Blade locks open
- Compact and lightweight
- Ideal for skinning small wire and cable

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
1550-11	Carbon Steel	2-1/4" (57.2 mm)	3-1/4" (82.6 mm)	5-3/4" (146.1 mm)	1.5 oz. (43 g)



1550-11

### Pocket Knives - Sheepsfoot Slitting Blade

- Extra-large curved sheepsfoot slitting-blade
- Ideal for heavy-duty line work
- Woodgrain plastic handle
- Blade locks open



1550-4

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
1550-4	Carbon Steel	2-5/8" (66.7 mm)	4" (101.6 mm)	6-1/8" (155.6 mm)	4.0 oz. (113 g)
1550-44	Stainless Steel	2-5/8" (66.7 mm)	4" (101.6 mm)	6-1/8" (155.6 mm)	4.0 oz. (113 g)

### Pocket Knife - Slitting Blade

- Large, stainless steel, curved sheepsfoot slitting blade - 2-1/2" (64 mm) long
- Ideal for heavy-duty line work
- Plastic handle
- Blade locks open



1550-24

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
1550-24	Stainless Steel	2-1/2" (63.5 mm)	4-3/8" (111.12 mm)	7" (177.8 mm)	2.5 oz. (71 g)

See page 310 for additional information on warnings.



**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local laws on legality of selling or possessing these knives.

**Pocket Knives – Combination Blade**

**Money Clip Pocket Knife**

- Handsome, brushed stainless steel case with rosewood insert
- Includes money clip, 1-1/2" (38.1 mm) spearpoint blade and 1-1/2" (38.1 mm) nail file



44031

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
44031	Stainless Steel	1-1/2" (38.1 mm)	2-1/8" (54.0 mm)	3-3/4" (95.3 mm)	0.8 oz (23 g)

**2-Blade Pocket Knife - Spearpoint and Screwdriver-Tip Blades**

- Standard spearpoint blade - 2-1/2" (63.5 mm) long
- Screwdriver-tip blade - 2-1/2" (63.5 mm) long
- Screwdriver-tip blade locks open



1550-2

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
1550-2	Carbon Steel	2-1/2" (63.5 mm)	3-3/4" (95.3 mm)	6-5/8" (168.3 mm)	4.0 oz. (113 g)

**3-Blade Pocket Knife - Sheepsfoot, Spearpoint and Screwdriver-Tip Blades**

- Curved sheepsfoot skinning blade - 2-3/8" (60 mm) long
- Standard spearpoint blade - 2-1/2" (64 mm) long
- Screwdriver-tip blade - 2-1/2" (64 mm) long
- Screwdriver blade locks open



1550-6

Cat. No.	Blade Material	Length Closed	Weight
1550-6	Carbon Steel	3-3/4" (95.3 mm)	5.0 oz. (142 g)

**Trip-Saver™ Multi-Tool - Stainless Steel**

- Unique multi-tool addresses the special needs of electricians and maintenance professionals while providing many other features handy on any job
- Specially designed locking "L" handle snaps securely into the "L" channel, locking the fully opened blade or implement in place during use
- Features the following: Needle-Nose Pliers, Beveled Wire Cutter, Toothed Pipe Grippers, Files (coarse and fine), 5-Slot Wire Stripper (10-18) AWG, Wire-Looping Hole, Scraper, Awl/Reamer, Serrated Sheepsfoot Knife, Clip-Point Knife, Standard/Metric Ruler, Drywall Saw, Locking "L" Handle, #1 and #2 Phillips Hex Bits, Small-Slotted Hex Bit, Large-Slotted Hex Bit, 1/4" Socket Adapter, Lanyard Hole, Nylon Pouch



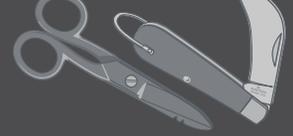
1016

**⚠WARNING:** Close handles to lock blade in place before use.

Cat. No.	Overall Length	Weight
1016	5-3/4" (146.1 mm)	15.2 oz. (431 g)

**⚠WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local laws on legality of selling or possessing these knives.





## Sharpening Tools

### Pocket-Sized Knife Sharpener



44151

- Versatile sharpener featuring fine craftsmanship and unique design
- Sharpening rod unscrews and stores in handle for convenient carrying in tool box, pouch, or pocket
- Sharpening rod is precision-cut, hard-chromed steel for accurate, consistent sharpening and long life
- Magnetized to trap metal particles when sharpening
- Handle is a high-visibility orange color with handy pocket clip

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
44151	Steel	3-3/4" (95.3 mm)	5-1/2" (139.7 mm)	9-1/2" (241.3 mm)	0.8 oz (23 g)

### Combination Knife and Scissors Sharpener

- High-grade, tungsten-carbide inserts sharpen both sides of the blade at the same time
- Restores knife edge in three or four strokes
- Built-in finger guard helps to protect your hand
- Lightweight, compact size for easy carrying and storage
- Sharpens electrician's scissors, pocket knives, retractable-blade utility knives, razor blade knives and serrated knives



48036

**WARNING:** Improper use of knife and scissors sharpener and/or failure to follow instructions can result in injuries. Keep your fingers behind the curved guard and your thumb securely on the multi-grooved thumb-rest indentation, never in front of it.

Cat. No.	Dimensions	Weight
48036	4" L x 2-1/4" W x 3/4" D (101.6 mm L x 63.5 mm W x 19.1 mm D)	1.6 oz. (45 g)

## Utility Knives

### Camouflage Assisted-Open Folding Utility Knife



44135

- Realtree Xtra® Camo design handle with rubber grip and TPR overmold for a secure grip
- Rugged, heavy-duty and durable construction
- Spring-assisted opening with dual thumb stud for right- or left-handed use
- Blade locks when in closed position
- Low carry pocket clip
- Lanyard hole

Realtree AP-XTRA Camouflage Design  
© 2012 of Jordan Outdoor Enterprises, Ltd., all rights reserved.

Cat. No.	Length Closed	Overall Length	Weight
44135	4-7/16" (112.7 mm)	7" (177.8 mm)	7.5 oz. (213 g)

### Folding Utility Knife



44131

- Push button to easily open and close
- Rugged, heavy-duty and durable construction
- Contains a wire stripping notch
- High quality triple ground blades stay sharp longer
- Rubber grips on handle for improved control and comfort
- The bright orange handle color makes this knife easy to find in a tool bag or pouch

Cat. No.	Length Closed	Overall Length	Weight
44131	4-1/8" (104.8 mm)	6-3/8" (161.9 mm)	4.3 oz. (122 g)

See page 310 for additional information on warnings.



**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local laws on legality of selling or possessing these knives.

253

**Utility Knives**

**Auto-Loading Folding Retractable Utility Knife**

- Auto-loading blade for faster and safer blade changes
- Internal blade storage holds and includes 3 blades
- Rubber grips on handle for improved control and comfort
- High quality triple ground blades stay sharp longer
- Lock release to close knife
- Equipped with belt clip



Cat. No.	Length Closed	Overall Length	Weight
44130	4-1/4" (108 mm)	6-5/8" (168.3 mm)	7.5 oz. (213 g)

**Auto-Retracting Utility Knife**

- Rugged, heavy-duty and durable construction
- Knife incorporates a wire-stripping notch
- Safety yellow handle for greater visibility
- Blade removal/insertion without disassembly
- Blade retracts fully into housing when cut is complete



44136

Blade retracts fully into housing when cut is complete.



Cat. No.	Length Closed	Overall Length	Weight
44136	5" (127.0 mm)	5-3/4" (146.1 mm)	7.0 oz. (198 g)

**Klein Kurve™ Retractable Utility Knife**



44133

- Rugged, heavy-duty and durable construction
- Contains a wire-stripping notch
- Internal blade storage includes and holds 6 blades
- High quality triple ground blades stay sharp longer
- Rubber grips on handle for improved control and comfort
- Designed for improved cutting ability



Cat. No.	Length Closed	Overall Length	Weight
44133	6-7/8" (174.6 mm)	7" (177.8 mm)	7.5 oz. (213 g)

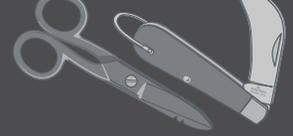
**Utility Knife - Retractable Blade**



44100

- Top button moves heavy-duty, razor-edged blade to any of three cutting positions
- Double-ended, reversible blade retracts fully for carrying
- Lightweight aluminum handle is shaped for comfort
- Accepts most standard blades
- Includes three standard blades, stored in handle
- Made in the U.S.A
- Leather holder available, Cat. No. 5185

Cat. No.	Length Closed	Weight
44100	6" (152.4 mm)	3.5 oz. (99 g)



## Utility Knives

### Utility Knife Blade Dispenser

- 50 blades included
- High quality triple ground blades stay sharp longer
- Gauge on dispenser indicates blades remaining
- Convenient interim storage for used blades
- Blades are compatible with all standard utility knives

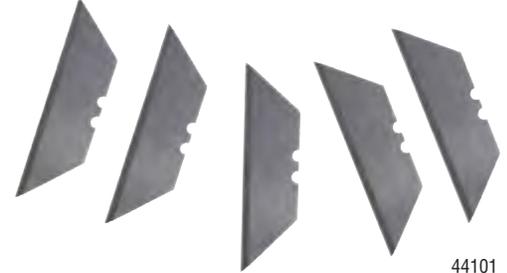


44103

Cat. No.	Dimensions	Weight
44103	4-21/64" x 2-51/64" x 1-19/64" (109.9 x 71.0 x 32.9 mm)	1.0 lbs. (0.45 kg)

### Utility Knife Blades

- Heavy-duty razor-edged blades
- Universal size fits Klein and most other makes of utility knives
- Blades are reversible for extra life
- Blades made in the U.S.A.



44101

Cat. No.	Blade Size	Package Quantity	Weight
44101	2-7/16" (61.9 mm) x 0.025" (0.6 mm)	5 Blades	0.8 oz (23 g)

## Special-Purpose Knives

### Cable Skinning Utility Knife with Replaceable Blade

- Heavy-duty sheepsfoot blade is replaceable to eliminate the need for sharpening
- Blade locks securely by a captive lock screw, making it as solid as a fixed-blade knife
- Thumb stud for easy opening
- Handle has rubber exterior for increased grip
- A lock-back design securely locks the blade in the open position
- Pocket clip for easy storage and convenient access

**NEW!**



44218

Cat. No.	Blade Material	Blade Length	Length Closed	Weight
44218 <b>NEW!</b>	440A Stainless Steel	2-1/2" (63.5 mm)	4-3/4" (120.7 mm)	5.6 oz. (159 g)

#### Replacement Parts

Cat. No.	Description	Weight
44219	Replacement Blade for 44218 Pk 3	0.5 oz. (14 g)

### Cable/Lineman's Skinning Knives

- Cat. Nos. 1570-3 and 1570-3LR feature three-inch steel blades that withstand frequent scoring and slitting of cable jacket
- Notch on blade back for scraping or removing wire insulation
- Comfortable textured handle with finger grooves and guard
- No contact between stainless steel ring and hardened steel blade (Cat. No. 1570-3)
- Rectangle-shaped handle design for attachment to some utility hot stick equipment
- Leather sheath available, Cat. No. 5163 only for Cat. Nos. 1570-3 and 1570-3LR
- Cat. No. 1580-3 has a 2" (50.8 mm) blade for increased control when scoring and slitting cable jacket and an ergonomic handle for maximum comfort



1570-3



1580-3

Cat. No.	Special Features	Handle Color	Length Less Ring	Weight
1570-3	Hook Blade, Notch, and Ring	Black	8" (203.2 mm)	4.8 oz. (136 g)
1570-3LR	Hook Blade and Notch	Black	8" (203.2 mm)	4.6 oz. (130 g)
1580-3	Hook Blade, Notch, and Ring	Black	8" (203.2 mm)	4.5 oz. (128 g)

See page 310 for additional information on warnings.



**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local laws on legality of selling or possessing these knives.

## Special-Purpose Knives

### Cable-Sheath Splitting Knife



1515-S

- Compact, lightweight knife for opening lead cables
- Rugged, forged tempered cutlery steel blade
- Sharp chisel-shaped edge
- Hammer head on back
- Plastic-dipped handles for comfort
- Leather guard available, Cat. No. 5574S

Cat. No.	Blade Length	Overall Length	Weight
1515-S	2-19/32" (65.9 mm)	7-3/8" (187.3 mm)	5.6 oz. (159 g)

### Bell System Cable-Sheath Splitting Knife - Heavy-Duty



1515-1

- Heavy-duty knife for splitting cable sheaths
- Rugged, forged tempered cutlery steel blade
- Sharp chisel-shaped edge
- Plastic-dipped handles for comfort
- Leather guard available, Cat. No. 5574L

Cat. No.	Blade Length	Overall Length	Weight
1515-1	4-1/2" (114.3 mm)	8-3/4" (222.3 mm)	1.2 lbs. (0.54 kg)

### Cable-Splicer's Knife

- Special-purpose short blade with comfortable, full-sized, heavy-duty handle
- Coping-type blade made of the finest cutlery steel, tough and carefully tempered to hold its edge
- Handle is textured for comfort and firm grip
- Hang hole for easy storage and portability



44200

Cat. No.	Blade Length	Overall Length	Weight
44200	1-3/4" (44.5 mm)	6-1/4" (158.8 mm)	2.4 oz. (68 g)

### Cable-Splicer's Kits

- Cuts cable, telephone wire, and strips insulation
- Dimensions: 2-1/8" (54 mm) x 7-1/2" (190.5 mm)

Cat. No.	Description	Included	Weight
46037	Cable Splicer's Kit	Cable Splicer's Knife (Cat. No. 44200), Electrician's Scissors with Stripping Notches (Cat. No. 2100-7), Slotted Leather Holder (Cat. No. 5187)	8.0 oz. (227 g)
46039	Cable Splicer's Kit with Free-Fall Snip	Cable Splicer's Knife (Cat. No. 44200), Free-Fall Snip (Cat. No. 2101-0), Slotted Leather Holder (Cat. No. 5187)	9.3 oz. (264 g)



## Electrician's Scissors

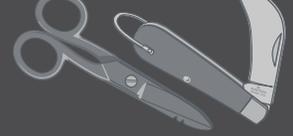
### Electrician's Scissors

- Designed for telecom and electrical applications and heavy-duty use
- Strong, tough tempered steel
- Nickel-plated finish resists corrosion
- Scraper and file on outside of both blades

Cat. No.	Cutting Length	Overall Length	Weight
2100-5	1-7/8" (47.6 mm)	5-1/4" (133.4 mm)	3.2 oz. (91 g)



2100-5



## Electrician's Scissors

### Electrician's Scissors - Stripping Notches

- Upper blade has notches for stripping 19 AWG and 23 AWG wire
- Designed for telecom and electrical applications and heavy-duty use
- Strong, tough tempered steel
- Nickel-plated finish resists corrosion
- Scraper and file on outside of both blades
- Serrated, lower blade reduces slippage



2100-7

Cat. No.	Cutting Length	Overall Length	Weight
2100-7	1-7/8" (47.6 mm)	5-1/4" (133.4 mm)	3.2 oz. (91 g)

### Stainless Steel Electrician's Scissors - Stripping Notches

- Stainless steel blades to maintain blade durability and sharpness
- Blade is fully serrated for non-slip cutting action
- Cat. No. 2100-8 features a free-fall snip feature for ease of use
- Upper blade has notches for stripping 19 AWG and 23 AWG wire
- Cat. No. 2100-8 has an extended handle to provide comfort and cutting leverage for wire cutting application



2100-8



2100-9

Cat. No.	Cutting Length	Overall Length	Weight
2100-8	1-7/8" (47.6 mm)	6-5/16" (160.3 mm)	3.4 oz. (96 g)
2100-9	1-7/8" (47.6 mm)	5-1/4" (133.4 mm)	3.4 oz. (96 g)

## Industrial High-Leverage Shears

### High-Leverage Snip



22000

- Nickel-chrome plating resists corrosion and rusting
- Cat. Nos. 22001 and 22002 have broad, short jaws to provide powerful cutting action
- Cat. Nos. 22001 and 22002 feature one serrated blade for non-slip cutting action
- Cat. Nos. 22002 and 22003 have extended handles to provide comfort and cutting leverage
- Cat. Nos. 22000 and 22003 are high-leverage to provide powerful cutting action for light metals, rubber, and heavy fabrics
- Cat. No. 22001 cuts light wire, fabric, cable and cordage
- Cat. No. 22002 cuts rubber, cables, light metal, wire metal screens, cordage, plastics, and ropes

### Large Broad Blade Utility Shear



22002

### 8" High-Leverage Utility Shear



22003

### Broad Blade Utility Shear



22001

Cat. No.	Description	Cutting Length	Overall Length	Weight
22000	High-Leverage Snip	1-3/4" (44.5 mm)	7" (177.8 mm)	5.4 oz. (153 g)
22001	Broad Blade Utility Shear	2" (50.8 mm)	8" (203.2 mm)	8.8 oz. (249 g)
22002	Large Broad Blade Utility Shear	2" (50.8 mm)	8-1/2" (215.9 mm)	8.8 oz. (249 g)
22003	High Leverage Utility Shear, 8"	3" (76.2 mm)	9" (228.6 mm)	7.8 oz. (221 g)



**Industrial Utility Snips**

**High-Leverage Kevlar® Snip**



24000

**Spring Action Snip**



24001

- Nickel-chrome plating resists corrosion and rusting
- One blade is serrated for non-slip cutting action
- Spring-loaded for self-opening action
- Cat. Nos. 24000 and 24001 include a handy closure lock for convenient storage
- Compatible for right- and left-handed users
- Cat. Nos. 24000 and 24001 are excellent for cutting Kevlar® insulation in fiber optic applications
- Cat. No. 24005 is excellent for cutting electronics and filaments

**5" Electronic Filament Snip**



24005

Cat. No.	Cutting Length	Overall Length	Weight
24000	5/8" (15.9 mm)	6-1/2" (165.1 mm)	4.5 oz. (128 g)
24001	1" (25.4 mm)	6-1/2" (165.1 mm)	4.5 oz. (128 g)
24005	1" (25.4 mm)	5" (127.0 mm)	3.5 oz. (99 g)

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company.

**Bent Trimmers**

**8" Bent Trimmer**



23008

**10" Bent Trimmer**



23010

**11-1/4" Bent Trimmer**



23011

**Single Serrated Blunt Blade Shear**



23015

- Nickel-chrome plating resists corrosion and rusting
- Extended handle provides comfort and cutting leverage
- 8" Bent Trimmer (Cat. No. 23008) cuts plastic, rubber, rubber roofing, roofing materials, cording, vinyl, fiberglass components and cloth materials
- 10" Bent Trimmer (Cat. No. 23010) cuts plastic, rubber, rubber roofing, roofing materials, cording, vinyl, fiberglass insulation, and cloth materials
- 11-1/4" Bent Trimmer (Cat. No. 23011) cuts felt lining, muslin, cord, rubber, abrasive materials, and multiple layers of fabric
- Single Serrated Blunt Blade Shear (Cat. No. 23015) has a deep serrated blade for non-slip cutting action, and cuts belting, abrasive belting, heavy fabric, leather, upholstery, and heavy carpet

Cat. No.	Cutting Length	Overall Length	Weight
23008	3-1/2" (88.9 mm)	9" (228.6 mm)	6.6 oz. (187 g)
23010	4-1/2" (114.3 mm)	10-1/2" (266.7 mm)	15.8 oz. (448 g)
23011	4-3/4" (120.7 mm)	11-1/4" (285.8 mm)	1.2 lbs. (0.54 kg)
23015	3-3/16" (81.0 mm)	9-3/4" (247.7 mm)	15.0 oz. (426 g)



# Canvas Buckets & Lineman Accessories

Klein canvas buckets and accessories have been recognized for decades for their durability and dependability. They are built for strength to handle professional wear and tear.



For Professionals...  
Since 1857™

# Load Rated Canvas Buckets

## LOAD RATED

**Durable, straight-wall and tapered-wall** buckets are made of heavy-duty canvas.

**▲ WARNINGS:**

- Inspect for damage before each use.
- Remove from service if bucket shows signs of wear.
- Never exceed the working load limit.

### Leather-Bottom Buckets

**Additional Features:**

- Leather reinforced bottom
- Leather cuff extends 3" (76 mm) up the side
- High-density polyethylene top ring for strength and chemical resistance
- Inside pocket measures 8" x 8" (203 mm x 203 mm)
- Cat. Nos. 5104 and 5104S feature a web strap that extends down the side of the bucket
- Cat. No. 5104VT features top with Velcro® brand fasteners and multiple attachment loops for easy access and storage
- Load Rated 100 lbs. (45 kg)

**LOAD RATED**  
**100 lbs. (45 kg)**

Cat. No.	Diameter	Height	Material	Special Features	Weight
5104	12" (304.8 mm)	17" (431.8 mm)	No. 4 Canvas	—	2.7 lbs. (1.22 kg)
5104S	12" (304.8 mm)	17" (431.8 mm)	No. 4 Canvas	Swivel Snap (Cat. No. 2012)	2.9 lbs. (1.32 kg)
5104VT	12" (304.8 mm)	17" (431.8 mm)	No. 1 Canvas	VELCRO® Closure	3.0 lbs. (1.36 kg)

VELCRO® is a registered trademark of Velcro Industries B.V.



5104S

5104VT

### Wide Opening Straight-Wall Buckets

**Additional Features:**

- Black molded polypropylene bottom with drain holes
- Web strap extends down the side of the bucket
- High-density polyethylene top ring for strength and chemical resistance

**LOAD RATED**  
**150 lbs. (68 kg)**

**LOAD RATED**  
**75 lbs. (34 kg)**

Cat. No.	Diameter	Height	Material	Special Features	Load Rating	Weight
5109	12" (304.8 mm)	15" (381.0 mm)	No. 6 Canvas	—	75 lbs. (34 kg)	2.1 lbs. (0.95 kg)
5109P	12" (304.8 mm)	15" (381.0 mm)	No. 6 Canvas	One 8" x 8" (203.2 x 203.2 mm) Inside Pocket	75 lbs. (34 kg)	2.1 lbs. (0.95 kg)
5109S	12" (304.8 mm)	15" (381.0 mm)	No. 6 Canvas	Swivel Snap (Cat. No. 2012)	75 lbs. (34 kg)	2.4 lbs. (1.09 kg)
5109PS	12" (304.8 mm)	15" (381.0 mm)	No. 6 Canvas	One 8" x 8" (203.2 x 203.2 mm) Inside Pocket and Swivel Snap (Cat. No. 2012)	75 lbs. (34 kg)	2.4 lbs. (1.09 kg)
5109SLR	12" (304.8 mm)	15" (381.0 mm)	No. 4 Canvas	—	150 lbs. (68 kg)	6.0 lbs. (2.72 kg)



5109SLR

5109S



## Load Rated Canvas Buckets

### Heavy Duty Top Closing Buckets

**Additional Features:**

- No. 1 canvas
- Top of bucket zips closed
- 14" (356 mm) diameter accommodates standard 5 gallon bucket
- Web strap extends down the side of the bucket
- Leather reinforced bottom extends 3" (76.2 mm) up the side
- Durable steel rim
- Load Rated 150 lbs. (68 kg)



Holds 5 gallon bucket (not included)

Cat. No.	Diameter	Height	Weight
5104CLR17	14" (355.6 mm)	17" (431.8 mm)	6.7 lbs. (3.04 kg)
5104CLR22	14" (355.6 mm)	22" (558.8 mm)	7.0 lbs. (3.18 kg)

**⚠️WARNING:** Completely close top before each use.

**LOAD RATED**  
150 lbs. (68 kg)



5104CLR17



5104CLR22

### Canvas Bucket with Connection Points

- Six small D-rings sewn to the interior of the bucket provide secure connection points for tethers
- Extra large hook to fit onto oversized rigging equipment
- Leather reinforced bottom
- High-density polyethylene top ring provides strength and chemical resistance
- 8" (203.2 mm) x 8" (203.2 mm) inside pocket
- Load Rated 100 lbs. (45 kg)



Cat. No.	Diameter	Height	Weight
5104OCTO	12" (304.8 mm)	15" (381.0 mm)	6.0 lbs. (2.72 kg)

**LOAD RATED**  
100 lbs. (45 kg)



5104OCTO

## Canvas Buckets

### Straight-Wall Buckets

- No. 6 canvas
- Black molded polypropylene bottom
- Rope handle



5106

### Tapered-Wall Buckets

- No. 6 canvas
- Black molded polypropylene bottom
- Rope handle



5113

Cat. No.	Diameter	Height	Special Features	Weight
5106	9" (228.6 mm)	14" (355.6 mm)	—	1.5 lbs. (0.68 kg)
5106P	9" (228.6 mm)	14" (355.6 mm)	Two 7" x 7" (177.8 x 177.8 mm) Inside Pockets	1.6 lbs. (0.73 kg)
5106S	9" (228.6 mm)	14" (355.6 mm)	Swivel Snap (Cat. No. 2012)	1.8 lbs. (0.82 kg)

Cat. No.	Top Diameter	Bottom Diameter	Height	Special Features	Weight
5113	12" (304.8 mm)	9" (228.6 mm)	13" (330.2 mm)	—	1.6 lbs. (0.73 kg)
5113S	12" (304.8 mm)	9" (228.6 mm)	13" (330.2 mm)	Swivel Snap (Cat. No. 2012)	1.8 lbs. (0.82 kg)

### Heavy-Duty Tapered-Wall Buckets

- No. 4 canvas
- Black molded polypropylene bottom
- Rope handle
- Riveted leather glove strap
- Equipped with Cat. No. 2012 swivel snap hook



5103S



5171PS



5172PS

Cat. No.	Top Diameter	Bottom Diameter	Height	Pockets	Weight
5103S	12" (304.8 mm)	9" (228.6 mm)	12" (304.8 mm)	—	2.0 lbs. (0.91 kg)
5171PS	12" (304.8 mm)	9" (228.6 mm)	12" (304.8 mm)	4 Outside Pockets	2.2 lbs. (1.00 kg)
5172PS	12" (304.8 mm)	9" (228.6 mm)	12" (304.8 mm)	15 Inside Pockets	2.4 lbs. (1.09 kg)

### Vinyl Bucket Top

- Top cover for canvas bucket designed to keep the elements out and tools securely inside
- Compatible with Klein Tools 5104 and 5109 series buckets
- Attaches with Velcro®
- Includes safety strap loop to ensure connection to bucket
- Bucket not included



51TOP

Cat. No.	Diameter	Height	Weight
51TOP	12-1/2" (317.5 mm)	3-1/2" (88.9 mm)	6.4 oz. (181 g)

VELCRO® is a registered trademark of Velcro Industries B.V.



## Canvas Buckets

### Oval Bucket with Pockets

- No. 6 canvas
- Black molded polypropylene bottom
- Sisal-rope handle
- Tripod suspension rope for greater stability
- Equipped with Cat. No. 2012 swivel snap hook

Cat. No.	Length	Width	Height	Pockets	Weight
5144S	14" (355.6 mm)	7" (177.8 mm)	10" (254.0 mm)	15 Inside	2.2 lbs. (1.00 kg)
5152S	14" (355.6 mm)	7" (177.8 mm)	10" (254.0 mm)	26 Inside 15 Outside	2.5 lbs. (1.13 kg)



### Aerial-Basket Oval Bucket with 15 Interior Pockets

- No. 6 canvas
- Black molded polypropylene bottom
- Two nylon 66 polymer hooks (Cat. No. 5144H) included with Cat. No. 5144

Cat. No.	Length	Width	Height	Pockets	Special Features	Weight
5144	14" (355.6 mm)	7" (177.8 mm)	10" (254.0 mm)	15 Inside	Two Hooks (Cat. No. 5144H)	2.0 lbs. (0.91 kg)
5144B	14" (355.6 mm)	7" (177.8 mm)	10" (254.0 mm)	15 Inside Pockets	—	1.5 lbs. (0.68 kg)



### Hard Body Oval Buckets

- Cat. Nos. 5144BHB and 5144BHBB are constructed of high density polyethylene
- Cat. No. 5144BHB14OS is constructed of rugged denier polyester to resist wear and tear on the jobsite
- Black molded polypropylene bottom with drain holes
- Cat. No. 5144H hooks sold separately

**Kick Stand**  
on back of  
Cat. No. 5144BHB

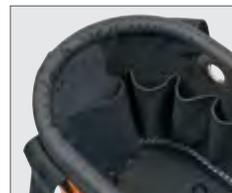


Cat. No.	Color	Length	Width	Height	Pockets	Handle	Weight
5144BHB	Orange	14" (355.6 mm)	7" (177.8 mm)	10" (254.0 mm)	14	No	2.0 lbs. (0.91 kg)
5144BHBB	Orange	14" (355.6 mm)	7" (177.8 mm)	10" (254.0 mm)	14	Yes	2.0 lbs. (0.91 kg)
5144BHB14OS	Black	14" (355.6 mm)	7" (177.8 mm)	10" (254.0 mm)	29	Yes	3.0 lbs. (1.36 kg)

### Hard Body Oval Bucket with Knife Sheath

- Includes leather skinning knife sheath and 14 other interior pockets
- Orange, non-conductive plastic exterior maintains bucket shape
- Fabric constructed of rugged denier polyester to resist wear and tear on the jobsite
- Black molded polypropylene bottom with drain holes
- Cat. No. 5144H hooks sold separately

**Knife Sheath**  
inside of  
Cat. No. 5144HBS



Cat. No.	Color	Length	Width	Height	Pockets	Handle	Weight
5144HBS	Orange	14" (355.6 mm)	7" (177.8 mm)	10" (254.0 mm)	15 Inside	Yes	2.0 lbs. (0.91 kg)

## Canvas Buckets

### Canvas Tapered-Bottom Bag

- No. 10 canvas
- Two pockets are provided for small parts
- Bottom is tapered so parts will stay in center
- Equipped with a snap for hanging

Cat. No.	Diameter	Depth	Weight
5143	6-1/2" (165.1 mm)	8" (203.2 mm)	4.8 oz. (136 g)



5143

### Line-Hose Bag

- No. 6 canvas with top ring and molded bottom
- Large enough to accommodate several pieces of hose
- Can also be used to raise protective rubber blankets that are rolled
- Leather cuff extends 3" (76.2 mm) up the side
- Polypropylene rope handle is reinforced with leather

Cat. No.	Diameter	Depth	Weight
5110-48	7" (177.8 mm)	48" (1219.2 mm)	1.9 lbs. (0.86 kg)



5110-48

### Canvas Electrode Bags

- Made of tough No. 4 canvas.
- Heat-resistant, hard leather bottom.
- Cat. No. 5471FR is made of flame-retardant No. 4 canvas which meets the performance requirement of NFPA -701.
- Web loop for sliding over belt.



5471FR

5471

Cat. No.	Diameter	Front Depth	Back Depth	Weight
5471	2-1/2" (63.5 mm)	12" (304.8 mm)	15-1/2" (393.7 mm)	4.0 oz. (113 g)
5471FR	2-1/2" (63.5 mm)	12" (304.8 mm)	15-1/2" (393.7 mm)	4.0 oz. (113 g)



## Lineman Accessories

### Aerial Aprons

- Includes: ten hand tool pockets, two pouches, hammer loop and two drill bit holders (Cat. Nos. 51829 and 51829M)
- Two pouches reinforced with heavy duty rivets
- Cat. No. 5144H hooks sold separately
- Cat. No. 51829MHS includes hot stick pocket
- Sewn-in magnet conveniently holds nuts, bolts and other small metal objects



51829M



51829MHS

Cat. No.	Color	Width	Height	Pockets	Magnet	Weight
51829	Orange	24" (609.6 mm)	23" (584.2 mm)	18	No	4.0 lbs. (1.81 kg)
51829M	Orange	24" (609.6 mm)	23" (584.2 mm)	18	Yes	4.0 lbs. (1.81 kg)
51829MHS	Orange	32" (812.8 mm)	27-1/2" (698.5 mm)	16	Yes	4.0 lbs. (1.81 kg)

### Swivel Snap Hook

- This is NOT an occupational protective hook. NOT for human support
- Bronze swivel snap hook made for use on canvas buckets
- Maximum safe load 150 lbs. (68 kg)



2012

Cat. No.	Length	Width	Weight
2012	4-3/8" (111.1 mm)	1-5/8" (41.3 mm)	4.5 oz. (128 g)

### Hook for Aerial-Baskets and Buckets

- All weather, durable, nylon 66 polymer
- Most manufacturers' aerial basket trucks accommodate bucket hook
- Replacement hook for 5144 Series Baskets and Buckets except 5144S



5144H

Cat. No.	Weight
5144H	4.8 oz. (136 g)

### Pole Pick and Pouch

- Helps determine the condition of a utility pole before climbing
- Extra sharp point for piercing many types of wood poles
- Smooth Comfordome handle fits the palm of the hand comfortably
- Cat. No. 66141KIT includes pole pick (Cat. No. 66141) and pouch (Cat. No. 66141P)



66141KIT

Cat. No.	Includes	Overall Length	Weight
66141KIT	Pole Pick and Pole Pick Pouch	15-5/16" (388.9 mm)	6.4 oz. (181 g)

### Pole Sling

- For use where a running loop wrap around pole is desired
- Nylon web stitched with nylon thread



5606

Cat. No.	Rated Capacity Choke Hitch	Rated Capacity Basket Hitch	Overall Length	Width	Weight
5606	3000 lbs. (1361 kg)	4700 lbs. (2115 kg)	39" (990.6 mm)	2" (50.8 mm)	1.3 lbs. (0.59 kg)

**WARNING:** This is NOT an occupational protective device. NOT for human support.

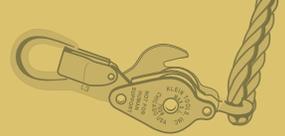
# Block & Tackle

Klein's line of block and tackle is engineered for high-strength requirements.



For Professionals...  
Since 1857™

# Block & Tackle



- These are NOT occupational protective devices. NOT for human support.
- Sheaves are strong, yet lightweight aluminum alloy with all-bronze bushings.
- Light, galvanized-steel shell blocks are fitted with snubbing hooks to hold the load.
- All Klein block and tackle use high-quality, 3/8" diameter rope.
- Available with standard snap hooks or guarded snap hooks (with snap hook nose lengthened to extend over the latch or keeper).
- Choice of forged hook Cat. No. 258 or swivel hook Cat. No. 259.
- Catalog numbers followed by S/R have rope spliced to block.
- Maximum safe load is 750 lbs. (338 kg).

## Anchor Hook

- Forged hook is designed to fit under insulator and engage pin of cross arm
- Maximum safe load 750 lbs. (340 kg)



258

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight
258	5/8" (15.9 mm)	1-7/8" (47.6 mm)	5-1/2" (139.7 mm)	6.7 oz. (191 g)

## Heavy-Duty Snap Hook

- Snaps on with one hand
- Forged hook may be used on many conventional steel blocks, 4" (102 mm) or smaller
- Maximum safe load 8000 lbs. (3629 kg)



455

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight
455	15/16" (23.8 mm)	1" (25.4 mm)	5" (127.0 mm)	13.4 oz. (381 g)

## Swivel Anchor Hook

- Swivel clevis on this forged hook will engage with snap on Klein block & tackle Cat. Nos. 1802-30 and H1802-30
- Swivel prevents twisting and kinking of rope
- Cat. No. 470 has plunger latch
- Maximum safe load 750 lbs. (340 kg)



259

Cat. No.	Swivel Opening	Throat Opening	Overall Length	Weight
259	1-3/16" x 1" (30.2 x 25.4 mm)	1-7/8" (47.6 mm)	6-1/2" (165.1 mm)	6.4 oz. (181 g)
470	1-3/16" x 1" (30.2 x 25.4 mm)	5/8" (15.9 mm)	5" (127.0 mm)	4.8 oz. (136 g)

## Rope



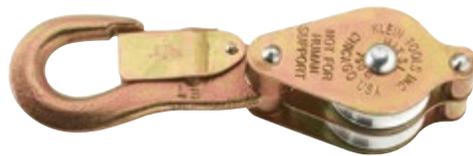
- Works with all block and tackle products
- High-quality, 3/8" diameter rope
- Maximum safe load 750 lbs. (340 kg)

48502

Cat. No.	Diameter	Average Strength	Minimum Strength	Overall Length	Weight
48502	3/8" (9.5 mm)	3600 lbs. (1632 kg)	3200 lbs. (1500 kg)	25 ft. (7.6 m)	12.5 oz. (354 g)

## Blocks

- Blocks without ropes and hooks
- Made of light galvanized steel and aluminum alloy
- Sheaves have bronze bushings
- Maximum safe load 750 lbs. (340 kg)



267



268



H267



H268

Cat. No.	Description	Weight
267	Self-locking Block Without Rope and Hook	12.2 oz. (346 g)
H267	Block with Nose Extended Over Keeper	12.8 oz. (363 g)
268	Block with Eye to Splice Line to Block	14.4 oz. (408 g)
H268	Block with Eye and Nose Extended Over Keeper	1.0 lbs. (0.45 kg)

**WARNING:** This is NOT an occupational protective device. NOT for human support.

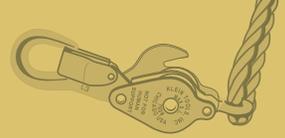
## Block & Tackle Packages

### Block and Tackle with Standard Hooks



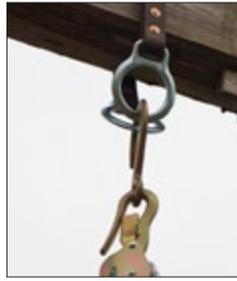
Cat. No.	267 Block	268 Block	258 Anchor Hook	259 Swivel Anchor Hook	Rope spliced to component number	Weight
1802-30	●	●	●			2.80 lbs. (1.27 kg)
1802-30SR	●	●	●		268 Block	2.75 lbs. (1.25 kg)
1802-30S	●	●		●		2.85 lbs. (1.29 kg)
1802-30SSR	●	●		●	268 Block	2.85 lbs. (1.29 kg)





## Block & Tackle Packages

### Block and Tackle with Guarded Hooks



Cat. No.	H267 Block	H268 Block	258 Anchor Hook	259 Swivel Anchor Hook	Rope spliced to component number	Weight
H1802-30	●	●	●			2.90 lbs. (1.32 kg)
H1802-30SR	●	●	●		H268 Block	2.75 lbs. (1.25 kg)
H1802-30S	●	●		●		3.00 lbs. (1.36 kg)
H1802-30SSR	●	●		●	H268 Block	3.00 lbs. (1.36 kg)



**WARNING:** This is NOT an occupational protective device. NOT for human support.

**Block & Tackle**

**Polypropylene Hand-Lines with Snap Hook**



1804-60

- Made of 5/16" (7.9 mm) three-strand polypropylene rope spliced to eye of snap hook
- Both lines 75' (23 m) long
- Forged steel with swivel clevis and quick-acting plunger-style latch
- Maximum safe load 250 lbs. (113 kg)

Cat. No.	Description	Includes	Weight
1803-60	Polypropylene Hand-Line with Snap Hook	Cat. No. 443A Snap	2.5 lbs. (1.13 kg)
1804-60	Polypropylene Hand-Line with Swivel Hook	Cat. No. 470 Swivel Snap	2.2 lbs. (1.00 kg)

**Howe Wire Tool**

- Strap is made of tough Klein-Kord™
- Swivel hook is forged steel with large opening
- Shank of hook is lengthened to reach under insulator
- Other end has device to hold the load at any distance
- All metal parts are galvanized
- Max. safe load 500 lbs. (225 kg)



1702-20N

Cat. No.	Length	Width	Weight
1702-20N	7 ft. (2.1 m)	1" (25.4 mm)	2.0 lbs. (0.91 kg)

**Snap Hook**

- General-purpose forged snap hook with eye at 90° to opening
- Maximum safe load 1500 lbs. (675 kg)



443A

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight
443A	1" (25.4 mm)	1/2" (12.7 mm)	5-1/2" (139.7 mm)	8.3 oz. (235 g)

**Swivel Snap Hook**

- This is NOT an occupational protective hook. NOT for human support
- Bronze swivel snap hook made for use on canvas buckets
- Maximum safe load 150 lbs. (68 kg)



2012

Cat. No.	Length	Width	Weight
2012	4-3/8" (111.1 mm)	1-5/8" (41.3 mm)	4.5 oz. (128 g)

**Web Strap Ratchet Hoist**

- Large, non-conductive drum knob allows web slack to be adjusted with ease
- 360° handle rotation
- 3/4 ton single line and 1-1/2 ton double line load rating
- Tight ratcheting mechanism allows precise tensioning
- Meets ANSI/ASME B30.21-2005 & B30.10-2009 standards

Cat. No.	Weight
KN1500PEX	12.50lbs. (5.67 kg)
KN1500PEXH	13.60 lbs. (6.17 kg)



- **Single Line Load Rating:** 1500 lbs. (675 kg)  
Min. to Max. Pulling Distance inches (mm):  
20" (500 mm) - 138" (3500 mm)



- **Double Line Load Rating:** 3000 lbs. (1350 kg)  
Min. to Max. Pulling Distance inches (mm):  
26" (700 mm) - 79" (2000 mm)



KN1500P-EX

# Wire Pulling Grips

---

Klein Tools has been manufacturing grips for over 135 years. Klein combines strength and durability to create an extremely high-quality line of grips. With ease-of-use and reliability, Klein wire-pulling grips set the mark.



For Professionals...  
Since 1857™

## Recommended Care and Maintenance

### Grip Cleaning, Lubricating and Inspecting

The following guidelines have been established to keep all grips in good working condition.

#### Cleaning



◀ **Step 1.** Use the Klein Grip Cleaning Wire Brush Set (Cat. No. 25450) or emery cloth to clean the surfaces of grip jaws



▲ **Step 2.** Spray degreaser on the grip jaws, all joints and moving parts

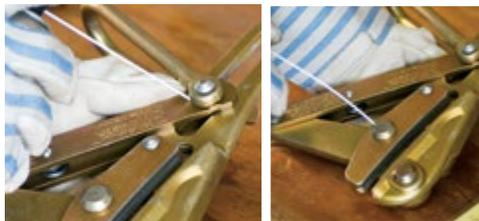


◀ **Step 3.** Use the Klein Grip Cleaning Wire Brush to remove dirt and debris from the grip jaws



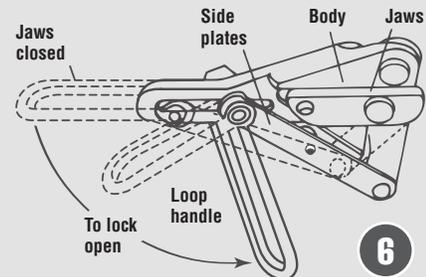
**Step 4.** Wipe grips dry with soft cloth. ▶ Repeat all cleaning steps as necessary until grip is completely clean

#### Lubricating



◀ **Step 5.** Apply lubricant to all joints and moving parts. Do NOT lubricate gripping surfaces of jaws

**Step 6.** Carefully inspect jaw condition, proper alignment of jaws and all parts, and possible distortion caused by exceeding safe-load specifications. Grips should operate smoothly. Spring-loaded grips should lock open with loop handle in "Down" position and should close automatically with loop handle "Up." The Klein Parallel Jaw Grip may be tested by opening and closing the jaws by hand, exercising proper caution. All parts and rivets should be checked for distortion



**Note:** Conductors may have a die-grease coating which can deposit on grip jaws. New conductors should be wiped clean before grip application. Grip jaws should be wiped clean of all grease before use.

**Never repair any grip.** Grips that are bent, misaligned, or otherwise distorted should be discarded and replaced.

If there is ever a question about the safe condition of any grip, please contact Klein Tools Customer Service directly at 844-395-3235 or email [Hisupport@kleintools.com](mailto:Hisupport@kleintools.com).



## Types of Wire Pulling Grips

Klein Chicago™, Parallel Jaw and Haven's™ Grips are widely used in the power, communications, and general construction fields to pull wire and cable. The grips maintain temporary tension until the wire or cable can be permanently terminated.

### Klein Chicago™ Grips

Designed for use on aluminum, copper, weatherproof coated wire, PVC covered conductors and messenger and guy strand

- Locking loop handles allow the jaws to be held in an open position for easy placement on wire or cable
- Available in Round, Double V, Single V and Aggressive jaw contours



### Parallel Jaw Grips

Lightweight compact grips pull an exceptionally wide range of cable types and sizes

- Latch helps maintain cable position
- Large-diameter eye accommodates large hooks on hoists, winches and tackle blocks
- Available in Round and Double V jaw contours



### Haven's™ Grips

Designed for use when a light, compact grip is desired where conductor deformation is not a factor

- Knurled eccentric jaw applies gripping pressure to 1/4" of cable area
- Some models include a swing latch that holds cable securely in jaw
- Recommended for messenger and guy strand and wire rope
- 1625 Series can be used for wire rope



### Hot-line Latch

Designed for placing a grip on cable with a hot-line stick.

- The three notches in the hot-line latch adjust the balance of the grip to better match the direction of the cable sag
- When stick is removed, latch closes automatically to guard against grip accidentally disengaging from wire
- Standard hot-line grips are not supplied with springs or lock-open features
- Some grips are available with a positionable latch



## Wire Pulling Grips Warnings

**WARNING:** Grips are to be used for temporary installation, not for permanent anchorage.

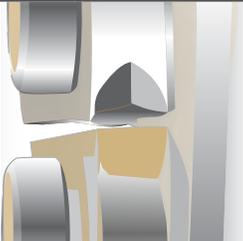
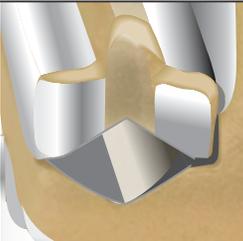
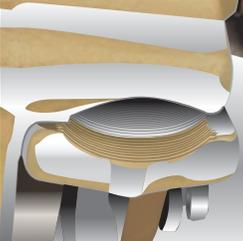
**WARNING:** When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

**WARNING:** Do not exceed rated capacity.

**WARNING:** Always match proper size and type of grip to application.

**WARNING:** Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.

## Types of Jaw Contours

Single V		Steel Strand Cat. No.				
	<ul style="list-style-type: none"> <li>Simple three-point contact jaws.</li> <li>Designed for use on small diameter bare wire and cable (solid and stranded).</li> </ul>	1613-30	-			
Double V		Steel Strand Cat. No.	Wide Range of Cables Cat. No.			
	<ul style="list-style-type: none"> <li>Four-point contact provides greater gripping pressure and assures proper alignment of wire and cable within the jaws.</li> <li>Designed for high strength messenger and guy strand and extra high-strength cables and conductors.</li> </ul>	1613-40 and 1613-40H, 1628-16 1628-16AT (Bell System) 1628-17, 1628-18, 1684-5 1684-5AT (Bell System) 1684-5H, 1692-5 1692-5AT (Bell System) 1684-74 and S1684-74H (EHS Cable) 1684-5F	1671-10 1672-10 1686-10 1686-20	-		
Round		ACSR and AAC Cat. No.	Weatherproof and PVC Covered Copper Cat. No.	Steel Strand Cat. No.	Wide Range of Cables Cat. No.	
	<ul style="list-style-type: none"> <li>Round jaws provide maximum contact and gripping power to minimize conductor deformation. (Smooth and knurled styles).</li> <li>Recommended for use on bare aluminum, and copper conductors.</li> </ul>	1628-16P SERIES 1628-30 SERIES 1628-40 SERIES 1628-50 SERIES 1656-20 and 1656-20H 1656-30 and 1656-30H 1656-40 and 1656-40H 1656-50 and 1656-50H 1656-60 and 1656-60H	 <b>Notched Jaw</b> 1611-20 1611-30 1611-40 1611-50	 <b>Serpentine Jaw</b> 1659-20 1659-30 1659-40 1659-50	 <b>Serpentine Jaw</b> 1659-5AT	1685-20 1685-31
Aggressive		Steel Strand Cat. No.				
	<ul style="list-style-type: none"> <li>Recommended for use when conductor deformation is not an issue or when a more aggressive bite is needed.</li> </ul>	1604-10 1604-20 1604-20L 1625-20 (For Wire Rope) 1625-20 1 (For Wire Rope) 1625-20 7/8 (For Wire Rope) 1684-5C (EHS)	-			

## Selecting the Proper Grip

### Grip Recommendation

Klein Tools offers a service of recommending the proper grip for a particular application based on a sample of cable. This service is free of charge. All that we require is a minimum 6-9 foot (2-3 m) length of cable.

If there is ever a question about the safe condition of any grip, please contact Klein Tools at **844.395.3235** or email: [Hisupport@kleintools.com](mailto:Hisupport@kleintools.com)

Three basic factors are needed in order to determine the proper grip for each specific application:

- 1. Type of wire or cable**  
(ACSR, ACSS, AAC, Copper, Steel Strand).
- 2. AWG or MCM (diameter) of wire or cable.**
- 3. Maximum safe load required.**



## ACSR (Aluminum Conductor Steel Reinforced)

**For Cable Diameter**  
**4 AWG - 636 MCM**  
**.250" - .953" (6.35 mm - 24.21 mm)**

### MAXIMUM SAFE LOAD

AWG or MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	MAXIMUM SAFE LOAD			
				<b>A</b> 4,500 lbs (2041 kg)	<b>B</b> 8,000 lbs (3629 kg)	<b>C</b> 15,000 lbs (6803 kg)	<b>D</b> 20,000 lbs (9072 kg)
				Cat. No.	Cat. No.	Cat. No.	Cat. No.
4	.250" (6.35 mm)	6 x 1	Swan	1656-20, 1656-20H & S1656-20H			
4	.257" (6.53 mm)	7 x 1	Swanate	1656-20, 1656-20H & S1656-20H			
2	.316" (8.03 mm)	6 x 1	Sparrow	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H			
2	.325" (8.26 mm)	7 x 1	Sparate	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H			
1	.354" (9.02 mm)	6 x 1	Robin	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H			
1/0	.398" (10.11 mm)	6 x 1	Raven	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H			
2/0	.447" (11.35 mm)	6 x 1	Quail	1656-30, 1656-30H & S1656-30H		1628-16PG*	
3/0	.502" (12.75 mm)	6 x 1	Pigeon	1656-30, 1656-30H & S1656-30H		1628-16PH*	
4/0	.563" (14.30 mm)	6 x 1	Penguin		1656-40, 1656-40H & S1656-40H	1628-16PI*	
266.8 MCM	.609" (15.47 mm)	18 x 1	Waxwing		1656-40, 1656-40H & S1656-40H	1628-16PJ*	
266.8 MCM	.642" (16.31 mm)	26 x 7	Partridge		1656-40, 1656-40H & S1656-40H	1628-16PK*	
300 MCM	.680" (17.27 mm)	26 x 7	Ostrich		1656-40, 1656-40H & S1656-40H	1628-16PK*	
336.4 MCM	.684" (17.37 mm)	18 x 1	Merlin		1656-40, 1656-40H & S1656-40H	1628-16PK*	
336.4 MCM	.720" (18.31 mm)	26 x 7	Linnet		1656-40, 1656-40H & S1656-40H	1628-16PL*	
336.4 MCM	.741" (18.82 mm)	30 x 7	Oriole		1656-50, 1656-50H & S1656-50H	1628-16PL*	
397.5 MCM	.743" (18.87 mm)	18 x 1	Chickadee		1656-50, 1656-50H & S1656-50H	1628-16PL*	
397.5 MCM	.772" (19.61 mm)	24 x 7	Brant		1656-50, 1656-50H & S1656-50H	1628-16PM*	
397.5 MCM	.783" (19.89 mm)	26 x 7	Ibis		1656-50, 1656-50H & S1656-50H	1628-16PM*	
397.5 MCM	.806" (20.47 mm)	30 x 7	Lark		1656-50, 1656-50H & S1656-50H	1628-16PM*	
477 MCM	.814" (20.68 mm)	18 x 1	Pelican		1656-50, 1656-50H & S1656-50H	1628-16PM*	
477 MCM	.846" (21.49 mm)	24 x 7	Flicker		1656-50, 1656-50H & S1656-50H	1628-16PN*	1628-30N*
477 MCM	.858" (21.79 mm)	26 x 7	Hawk		1656-50, 1656-50H & S1656-50H	1628-16PN*	1628-30N*
477 MCM	.883" (22.43 mm)	30 x 7	Hen		1656-60, 1656-60H & S1656-60H	1628-16PN*	1628-30N*
556.5 MCM	.879" (22.33 mm)	18 x 1	Osprey		1656-60, 1656-60H & S1656-60H	1628-16PN*	1628-30N*
556.5 MCM	.914" (23.22 mm)	24 x 7	Parakeet		1656-60, 1656-60H and S1656-60H		1628-300*
556.5 MCM	.927" (23.55 mm)	26 x 7	Dove		1656-60, 1656-60H & S1656-60H		1628-300*
556.5 MCM	.953" (24.21 mm)	30 x 7	Eagle		1656-60, 1656-60H & S1656-60H		1628-300*
605 MCM	.953" (24.21 mm)	24 x 7	Peacock		1656-60, 1656-60H & S1656-60H		1628-300*
636 MCM	.940" (23.88 mm)	18 x 1	Kingbird		1656-60, 1656-60H & S1656-60H		1628-300*

"S" is for spring. "H" is for hot latch.  
 \*Special order only. Please allow 30 days for delivery. These are not returnable.

For grip details  
 See pages 281 and 282.

## ACSR (Aluminum Conductor Steel Reinforced)

For Cable Diameter  
**605 - 2515 MCM**  
**.966" - 1.88" (24.54 mm - 47.75 mm)**

### MAXIMUM SAFE LOAD

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	MAXIMUM SAFE LOAD		
				D 20,000 lbs (9,072 kg)	E 25,000 lbs (11,340 kg)	F 25,000 lbs. with bolt on jaw (11,340 kg)
Cat. No.	Cat. No.	Cat. No.				
605 MCM	.966" (24.54 mm)	26 x 7	Squab	1628-30P*		1628-50P*
605 MCM	.994" (25.25 mm)	30 x 19	Teal	1628-30P*		1628-50P*
605 MCM	.994" (25.25 mm)	30 x 7	Wood Duck	1628-30P*		1628-50P*
636 MCM	.940" (23.88 mm)	18 x 1	Kingbird	1628-300*		1628-50P*
636 MCM	.977" (24.82 mm)	24 x 7	Rook	1628-30P*		1628-50P*
636 MCM	1.019" (25.88 mm)	30 x 19	Egret	1628-30R*		1628-50R*
636 MCM	1.019" (25.88 mm)	30 x 7	Scoter	1628-30R*		1628-50R*
636 MCM	.991" (25.15 mm)	26 x 7	Grosbeak	1628-30P*		1628-50P*
666.6 MCM	1.00" (25.40 mm)	24 x 7	Flamingo	1628-30P*		1628-50P*
666.6 MCM	1.014" (25.76 mm)	26 x 7	Gannet	1628-30P*		1628-50P*
715.5 MCM	1.051" (26.70 mm)	26 x 7	Starling	1628-30R*		1628-50R*
715.5 MCM	1.081" (27.46 mm)	30 x 19	Redwing	1628-30S*		1628-50S*
795 MCM	1.040" (26.41 mm)	36 x 1	Coot	1628-30R*		1628-50R*
795 MCM	1.063" (27.00 mm)	45 x 7	Tern	1628-30R*		1628-50R*
795 MCM	1.092" (27.76 mm)	54 x 7	Condor	1628-30S*		1628-50S*
795.0 MCM	1.092" (27.74 mm)	24 x 7	Cuckoo	1628-30S*		1628-50S*
795 MCM	1.107" (28.14 mm)	26 x 7	Drake	1628-30S*		1628-50S*
795 MCM	1.140" (28.96 mm)	30 x 19	Mallard	1628-30S*		1628-50S*
900 MCM	1.131" (28.73 mm)	45 x 7	Ruddy	1628-30S*		1628-50S*
900 MCM	1.162" (29.51 mm)	54 x 7	Canary	1628-30T*		1628-50T*
954 MCM	1.165" (29.59 mm)	20 x 7	Corncrake	1628-30T*		1628-50T*
954 MCM	1.165" (29.59 mm)	45 x 7	Rail	1628-30T*		1628-50T*
954 MCM	1.175" (29.85 mm)	48 x 7	Towhee	1628-30T*		1628-50T*
954 MCM	1.196" (30.38 mm)	54 x 7	Cardinal	1628-30T*		1628-50T*
954 MCM	1.196" (30.38 mm)	24 x 7	Redbird	1628-30T*		1628-50T*
1033.5 MCM	1.212" (30.81 mm)	45 x 7	Ortolan	1628-30U*	1628-40U*	1628-50U*
1033.5 MCM	1.245" (31.65 mm)	54 x 7	Curlew	1628-30U*	1628-40U*	1628-50U*
1113 MCM	1.258" (31.95 mm)	45 x 7	Bluejay	1628-30U*	1628-40U*	1628-50U*
1113 MCM	1.292" (32.84 mm)	54 x 19	Finch		1628-40W*	1628-50W*
1192.5 MCM	1.302" (33.07 mm)	45 x 7	Bunting		1628-40W*	1628-50W*
1192.5 MCM	1.337" (33.99 mm)	54 x 19	Grackle		1628-40X*	1628-50X*
1272 MCM	1.317" (33.45 mm)	36 x 1	Skylark		1628-40W*	1628-50W*
1272 MCM	1.345" (34.16 mm)	45 x 7	Bittern		1628-40X*	1628-50X*
1272 MCM	1.381" (35.10 mm)	54 x 19	Pheasant		1628-40X*	1628-50X*
1351.5 MCM	1.386" (35.20 mm)	45 x 7	Dipper		1628-40X*	1628-50X*
1351.5 MCM	1.424" (36.17 mm)	54 x 19	Martin		1628-40Y*	1628-50Y*
1431 MCM	1.427" (36.25 mm)	45 x 7	Bobolink		1628-40Y*	1628-50Y*
1431 MCM	1.465" (37.21 mm)	54 x 19	Plover		1628-40Z*	1628-50Z*
1590 MCM	1.504" (38.15 mm)	45 x 7	Lapwing		1628-40Z*	1628-50Z*
1590 MCM	1.544" (39.24 mm)	54 x 19	Falcon		1628-40A*	1628-50A*
1780 MCM	1.602" (40.69 mm)	84 x 19	Chukar			1628-50B*
2034.5 MCM	1.681" (42.70 mm)	72 x 7	Mockingbird			1628-50C*
2156 MCM	1.762" (44.75 mm)	84 x 19	Bluebird			1628-50D*
2167 MCM	1.735" (44.12 mm)	72 x 7	Kiwi			1628-50D*
2312 MCM	1.802" (45.77 mm)	76 x 19	Thrasher			1628-50E*
2515 MCM	1.88" (47.75 mm)	76 x 19	Joree			1628-50F*

\*Special order only. Please allow 30 days for delivery. These are not returnable.

For grip details  
 See pages 281 and 282.



## ACSS (Aluminum Conductor Steel Supported)

For Cable Diameter

**605 - 2515 MCM**

**.966" - 1.88" (24.54 mm - 47.75 mm)**

**MAXIMUM SAFE LOAD**

**F**

**25,000 lbs.**  
(11,340 kg)  
with bolt on jaw

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	Cat. No.
605 MCM	.966* (24.54 mm)	26 x 7	Squab/ACSS	1628-50P*
605 MCM	.994* (25.25 mm)	30 x 7	Wood Duck/ACSS	1628-50P*
605 MCM	.994* (25.25 mm)	30 x 19	Teal/ACSS	1628-50P*
636 MCM	.977* (24.82 mm)	24 x 7	Rook/ACSS	1628-50P*
636 MCM	.991* (25.15 mm)	26 x 7	Grosbeak/ACSS	1628-50P*
636 MCM	1.019* (25.88 mm)	30 x 19	Egret/ACSS	1628-50R*
636 MCM	1.019* (25.88 mm)	30 x 7	Scoter/ACSS	1628-50R*
666.6 MCM	1.00* (25.40 mm)	24 x 7	Flamingo/ACSS	1628-50P*
666.6 MCM	1.014* (25.76 mm)	26 x 7	Gannet/ACSS	1628-50P*
715.5 MCM	1.081* (27.46 mm)	30 x 19	Redwing/ACSS	1628-50S*
715.5 MCM	1.051* (26.70 mm)	26 x 7	Starling/ACSS	1628-50R*
795 MCM	1.063* (27.00 mm)	45 x 7	Tern/ACSS	1628-50R*
795 MCM	1.092* (27.74 mm)	24 x 7	Cuckoo/ACSS	1628-50S*
795 MCM	1.092* (27.76 mm)	54 x 7	Condor/ACSS	1628-50S*
795 MCM	1.139* (28.93 mm)	30 x 19	Mallard/ACSS	1628-50S*
795 MCM	1.107* (28.14 mm)	26 x 7	Drake/ACSS	1628-50S*
900 MCM	1.131* (28.73 mm)	45 x 7	Ruddy/ACSS	1628-50S*
900 MCM	1.162* (29.51 mm)	54 x 7	Canary/ACSS	1628-50T*
954 MCM	1.165* (29.59 mm)	20 x 7	Corncrake/ACSS	1628-50T*
954 MCM	1.165* (29.59 mm)	45 x 7	Rail/ACSS	1628-50T*
954 MCM	1.175* (29.85 mm)	48 x 7	Towhee/ACSS	1628-50T*
954 MCM	1.196* (30.38 mm)	54 x 7	Cardinal/ACSS	1628-50T*
954 MCM	1.196* (30.38 mm)	24 x 7	Redbird/ACSS	1628-50T*
954 MCM	1.248* (31.70 mm)	30 x 19	Canvasback/ACSS	1628-50U*
1033.5 MCM	1.212* (30.81 mm)	45 x 7	Ortolan/ACSS	1628-50U*
1033.5 MCM	1.245* (31.65 mm)	54 x 7	Curlew/ACSS	1628-50U*
1113 MCM	1.258* (31.95 mm)	45 x 7	Bluejay/ACSS	1628-50U*
1113 MCM	1.292* (32.84 mm)	54 x 19	Finch/ACSS	1628-50W*
1192.5 MCM	1.302* (33.07 mm)	45 x 7	Bunting/ACSS	1628-50W*
1192.5 MCM	1.337* (33.99 mm)	54 x 19	Grackle/ACSS	1628-50X*
1272 MCM	1.345* (34.16 mm)	45 x 7	Bittern/ACSS	1628-50X*
1272 MCM	1.381* (35.10 mm)	54 x 19	Pheasant/ACSS	1628-50X*
1351.5 MCM	1.386* (35.20 mm)	45 x 7	Dipper/ACSS	1628-50X*
1351.5 MCM	1.424* (36.17 mm)	54 x 19	Martin/ACSS	1628-50Y*
1431 MCM	1.427* (36.25 mm)	45 x 7	Bobolink/ACSS	1628-50Y*
1431 MCM	1.465* (37.21 mm)	54 x 19	Plover/ACSS	1628-50Z*
1590 MCM	1.504* (38.15 mm)	45 x 7	Lapwing/ACSS	1628-50Z*
1590 MCM	1.544* (39.24 mm)	54 x 19	Falcon/ACSS	1628-50A*
1780 MCM	1.602* (40.69 mm)	84 x 19	Chukar/ACSS	1628-50B*
2034.5 MCM	1.681* (42.70 mm)	72 x 7	Mockingbird/ACSS	1628-50C*
2167 MCM	1.735* (44.12 mm)	72 x 7	Kiwi/ACSS	1628-50D*
2156 MCM	1.762* (44.75 mm)	84 x 19	Bluebird/ACSS	1628-50D*
2312 MCM	1.802* (45.77 mm)	76 x 19	Thrasher/ACSS	1628-50E*
2515 MCM	1.88* (47.75 mm)	76 x 19	Joree/ACSS	1628-50F*

Special order only.  
Please allow 30 days for delivery. These are not returnable.

For grip details  
See pages 281 and 282.

## ACSS/TW (Aluminum Conductor Steel Supported/Trapezoidal Wire)

For Cable Diameter

**795 - 2627.3 MCM**

**.960" - 1.762" (24.38 mm - 44.75 mm)**

### MAXIMUM SAFE LOAD

**F**  
**25,000 lbs.**  
 (11,340 kg)  
 with bolt on jaw

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	Cat. No
762.8 MCM	.990" (25.15 mm)	20 x 7	Wabash/ACSS/TW	1628-50P*
768.2 MCM	.977" (24.82 mm)	20 x 7	Maumee/ACSS/TW	1628-50P*
795 MCM	.960" (24.38 mm)	17 x 7	Tern/ACSS/TW	1628-50P*
795 MCM	.980" (24.89 mm)	18 x 7	Puffin/ACSS/TW	1628-50P*
795 MCM	.993" (25.22 mm)	20 x 7	Condor/ACSS/TW	1628-50P*
795 MCM	1.010" (25.65 mm)	20 x 7	Drake/ACSS/TW	1628-50P*
946.7 MCM	1.077" (27.36 mm)	35 x 7	Fraser/ACSS/TW	1628-50R*
954.0 MCM	1.044" (26.52 mm)	30 x 7	Phoenix/ACSS/TW	1628-50R*
954.0 MCM	1.061" (26.94 mm)	32 x 7	Rail/ACSS/TW	1628-50R*
954.0 MCM	1.080" (27.43 mm)	20 x 7	Cardinal/ACSS/TW	1628-50S*
957.2 MCM	1.060" (26.92 mm)	32 x 7	Kettle/ACSS/TW	1628-50R*
959.6 MCM	1.110" (28.19 mm)	22 x 7	Suwannee/ACSS/TW	1628-50S*
966.2 MCM	1.092" (27.73 mm)	21 x 7	Columbia/ACSS/TW	1628-50S*
1033.5 MCM	1.089" (27.66 mm)	30 x 7	Snowbird/ACSS/TW	1628-50S*
1033.5 MCM	1.102" (27.99 mm)	32 x 7	Ortolan/ACSS/TW	1628-50S*
1033.5 MCM	1.132" (28.75 mm)	22 x 7	Curlew/ACSS/TW	1628-50S*
1113.0 MCM	1.129" (28.68 mm)	30 x 7	Avocet/ACSS/TW	1628-50S*
1113.0 MCM	1.185" (30.10 mm)	38 x 19	Finch/ACSS/TW	1628-50T*
1113.0 MCM	1.143" (29.03 mm)	33 x 7	Bluejay/ACSS/TW	1628-50T*
1158 MCM	1.165" (29.59 mm)	34 x 7	Genessee/ACSS/TW	1628-50T*
1158.4 MCM	1.196" (30.38 mm)	24 x 7	Hudson/ACSS/TW	1628-50T*
1168.1 MCM	1.155" (29.34 mm)	30 x 7	Cheyenne/ACSS/TW	1628-50T*
1192.5 MCM	1.170" (29.72 mm)	30 x 7	Oxbird/ACSS/TW	1628-50T*
1192.5 MCM	1.181" (29.99 mm)	34 x 7	Bunting/ACSS/TW	1628-50T*
1192.5 MCM	1.225" (31.12 mm)	38 x 19	Grackle/ACSS/TW	1628-50U*
1233.6 MCM	1.245" (31.62 mm)	38 x 19	Yukon/ACSS/TW	1628-50U*
1257.1 MCM	1.213" (30.81 mm)	35 x 7	Nelson/ACSS/TW	1628-50U*
1272 MCM	1.203" (30.56 mm)	30 x 7	Scissortail/ACSS/TW	1628-50T*
1272 MCM	1.203" (30.56 mm)	30 x 7	Catawba/ACSS/TW	1628-50T*
1272 MCM	1.264" (32.11 mm)	39 x 19	Pheasant/ACSS/TW	1628-50U*
1272 MCM	1.220" (30.99 mm)	38 x 7	Bittern/ACSS/TW	1628-50U*
1334.6 MCM	1.290" (32.77 mm)	39 x 19	Thames/ACSS/TW	1628-50W*
1351.5 MCM	1.300" (33.02 mm)	42 x 19	Martin/ACSS/TW	1628-50W*
1351.5 MCM	1.256" (31.90 mm)	35 x 7	Dipper/ACSS/TW	1628-50U*
1359.7 MCM	1.259" (31.98 mm)	36 x 7	Mackenzie/ACSS/TW	1628-50W*
1372.5 MCM	1.248" (31.70 mm)	30 x 7	Truckee/ACSS/TW	1628-50U*
1431 MCM	1.291" (32.79 mm)	36 x 7	Bobolink/ACSS/TW	1628-50W*
1431 MCM	1.337" (33.96 mm)	44 x 19	Plover/ACSS/TW	1628-50X*
1433.6 MCM	1.340" (34.04 mm)	39 x 19	Merrimack/ACSS/TW	1628-50X*
1455.3 MCM	1.302" (33.07 mm)	36 x 7	Miramichi/ACSS/TW	1628-50W*
1467.8 MCM	1.292" (32.82 mm)	33 x 7	St. Croix/ACSS/TW	1628-50W*
1533.3 MCM	1.380" (35.05 mm)	38 x 19	Rio Grande/ACSS/TW	1628-50X*
1557.4 MCM	1.350" (34.29 mm)	36 x 7	Potomac/ACSS/TW	1628-50X*
1569 MCM	1.334" (33.88 mm)	33 x 7	Platte/ACSS/TW	1628-50X*
1590 MCM	1.358" (34.49 mm)	36 x 7	Lapwing/ACSS/TW	1628-50X*
1590 MCM	1.410" (35.81 mm)	42 x 19	Falcon/ACSS/TW	1628-50Y*
1657.4 MCM	1.386" (35.20 mm)	36 x 7	Schuykill/ACSS/TW	1628-50X*
1622 MCM	1.420" (36.07 mm)	39 x 19	Pecos/ACSS/TW	1628-50Y*
1730.6 MCM	1.470" (37.34 mm)	34 x 19	James/ACSS/TW	1628-50Z*
1758.6 MCM	1.427" (36.25 mm)	38 x 7	Pee Dee/ACSS/TW	1628-50Y*
1780 MCM	1.445" (36.70 mm)	38 x 19	Chukar/ACSS/TW	1628-50Y*
1949.6 MCM	1.504" (38.20 mm)	44 x 7	Athabaska/ACSS/TW	1628-50Z*
1926.9 MCM	1.550" (39.37 mm)	42 x 19	Cumberland/ACSS/TW	1628-50A*
2153.8 MCM	1.602" (40.69 mm)	64 x 19	Powder/ACSS/TW	1628-50B*
2156 MCM	1.608" (40.84 mm)	64 x 19	Bluebird/ACSS/TW	1628-50B*
2627.3 MCM	1.761" (44.73 mm)	64 x 19	Santee/ACSS/TW	1628-50D*

Special order only. Application must be confirmed prior to ordering. Please allow 30 days for delivery

For grip details see pages 281 and 282.



## AAC (All Aluminum Conductor)

For Cable Diameter  
**4 AWG - 650 MCM**

**.231" - .928" (5.87 mm - 23.57 mm)**

### MAXIMUM SAFE LOAD

AWG or MCM Cable Size	Diameter inches (mm)	No. of Alum. Strands	Code Word	MAXIMUM SAFE LOAD			
				A 4,500 lbs (2041 kg)	B 8,000 lbs (3629 kg)	C 15,000 lbs (6803 kg)	D 20,000 lbs (9072 kg)
				Cat. No.	Cat. No.	Cat. No.	Cat. No.
4	.231" (5.87 mm)	7	Rose	1656-20, 1656-20H and S1656-20H			
2	.292" (7.42 mm)	7	Iris	1656-20, 1656-20H and S1656-20H			
1	.328" (8.33 mm)	7	Pansy	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H			
1/0	.369" (9.36 mm)	7	Poppy	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H			
2/0	.414" (10.51 mm)	7	Aster	1656-30, 1656-30H and S1656-30H			
3/0	.465" (11.81 mm)	7	Phlox	1656-30, 1656-30H and S1656-30H			
4/0	.522" (13.25 mm)	7	Oxlip	1656-30, 1656-30H and S1656-30H			
250 MCM	.567" (14.40 mm)	7	Sneezewort		1656-40, 1656-40H and S1656-40H	1628-16PI*	
250 MCM	.574" (14.58 mm)	19	Valerian		1656-40, 1656-40H and S1656-40H	1628-16PI*	
266.8 MCM	.586" (14.88 mm)	7	Daisy		1656-40, 1656-40H and S1656-40H	1628-16PJ*	
266.8 MCM	.593" (15.05 mm)	19	Laurel		1656-40, 1656-40H and S1656-40H	1628-16PJ*	
300 MCM	.628" (15.95 mm)	19	Peony		1656-40, 1656-40H and S1656-40H	1628-16PJ*	
336.4 MCM	.665" (16.90 mm)	19	Tulip		1656-40, 1656-40H and S1656-40H	1628-16PK*	
350 MCM	.678" (17.22 mm)	19	Daffodil		1656-40, 1656-40H and S1656-40H	1628-16PK*	
397.5 MCM	.724" (18.38 mm)	19	Canna		1656-40, 1656-40H and S1656-40H	1628-16PL*	
450 MCM	.769" (19.53 mm)	19	Goldentuft		1656-50, 1656-50H and S1656-50H	1628-16PM*	
477 MCM	.792" (20.12 mm)	19	Cosmos			1628-16PM*	
477 MCM	.794" (20.18 mm)	37	Syringa			1628-16PM*	
500 MCM	.811" (20.60 mm)	19	Zinnia			1628-16PM*	
500 MCM	.813" (20.65 mm)	37	Hyacinth			1628-16PM*	
556.5 MCM	.856" (21.73 mm)	19	Dahlia			1628-16PN*	1628-30N*
556.5 MCM	.858" (21.80 mm)	37	Mistletoe			1628-16PN*	1628-30N*
600 MCM	.891" (22.63 mm)	37	Meadowsweet				1628-300*
636 MCM	.918" (23.31 mm)	37	Orchid				1628-300*
650 MCM	.928" (23.57 mm)	37	Heuchera				1628-300*

"S" is for spring. "H" is for hot latch.

\*Special order only. Please allow 30 days for delivery. These are not returnable.

For grip details  
 See pages 281 and 282.

## AAC (All Aluminum Conductor)

For Cable Diameter  
**700 - 2500 MCM**  
**.963" - 1.823" (24.46 mm - 46.30 mm)**

### MAXIMUM SAFE LOAD

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	MAXIMUM SAFE LOAD		
				D 20,000 lbs (9,072 kg)	E 25,000 lbs (11,340 kg)	F 25,000 lbs. (11,340 kg) with bolt on jaw
			Cat. No.	Cat. No.	Cat. No.	
700 MCM	.963" (24.46 mm)	37	Verbena	1628-30P*		1628-50P*
700 MCM	.964" (24.49 mm)	61	Flag	1628-30P*		1628-50P*
715.5 MCM	.974" (24.73 mm)	37	Violet	1628-30P*		1628-50P*
715.5 MCM	.975" (24.76 mm)	61	Nasturtium	1628-30P*		1628-50P*
750 MCM	.997" (25.32 mm)	37	Petunia	1628-30P*		1628-50P*
750 MCM	.998" (25.35 mm)	61	Cattail	1628-30P*		1628-50P*
795 MCM	1.026" (26.07 mm)	37	Arbutus	1628-30R*		1628-50R*
795 MCM	1.028" (26.11 mm)	61	Lilac	1628-30R*		1628-50R*
800 MCM	1.029" (26.14 mm)	37	Fuchsia	1628-30R*		1628-50R*
800 MCM	1.031" (26.19 mm)	61	Heliotrope	1628-30R*		1628-50R*
874.5 MCM	1.076" (27.37 mm)	37	Anemone	1628-30R*		1628-50R*
874.5 MCM	1.077" (27.36 mm)	61	Crocus	1628-30R*		1628-50R*
900 MCM	1.092" (27.74 mm)	37	Cockscomb	1628-30S*		1628-50S*
954 MCM	1.124" (28.55 mm)	37	Magnolia	1628-30S*		1628-50S*
954 MCM	1.126" (28.60 mm)	61	Goldenrod	1628-30S*		1628-50S*
1000 MCM	1.152" (29.26 mm)	61	Camellia	1628-30T*		1628-50T
1000 MCM	1.152" (29.26 mm)	37	Hawkweed	1628-30T*		1628-50T*
1033.5 MCM	1.170" (29.71 mm)	37	Bluebell	1628-30T*		1628-50T*
1033.5 MCM	1.172" (29.76 mm)	61	Larkspur	1628-30T*		1628-50T*
1113 MCM	1.216" (30.88 mm)	61	Marigold	1628-30U*	1628-40U*	1628-50U*
1192.5 MCM	1.258" (31.96 mm)	61	Hawthorn	1628-30U*	1628-40U*	1628-50U*
1272 MCM	1.297" (32.94 mm)	61	Narcissus		1628-40W*	1628-50W*
1351.5 MCM	1.339" (34.02 mm)	61	Columbine		1628-40X*	1628-50X*
1431 MCM	1.379" (35.02 mm)	61	Carnation		1628-40X*	1628-50X*
1510.5 MCM	1.417" (35.98 mm)	61	Gladiolus		1628-40Y*	1628-50Y*
1590 MCM	1.454" (36.93 mm)	61	Coreopsis		1628-40Z*	1628-50Z*
1750 MCM	1.524" (38.72 mm)	61	Jessamine		1628-40A*	1628-50A*
2000 MCM	1.630" (41.41 mm)	91	Cowslip			1628-50B*
2250 MCM	1.729" (43.92 mm)	91	Sagebrush			1628-50D*
2500 MCM	1.823" (46.30 mm)	91	Lupine			1628-50E*

Maximum safe stringing tension 12,500 lbs to minimize cable deformation.

\* Special order. Please allow 30 days for delivery. These are not returnable.

For grip details  
 See pages 281 and 282.



## Chicago™ Grips

### 1656 Series

- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR
- Smooth jawed grips with maximum contact are less likely to cause cable deformation



1656-30



1656-40

#### A 4,500 lbs. (2,041 kg) Maximum Safe Load

Cat. No.	Hot Latch Model No.	Hot Latch/Spring Model No.	Cable Diameter	Jaw Length	Weight
1656-20	1656-20H	S1656-20H	0.20" to 0.40" (5.08 to 10.16 mm)	4" (101.6 mm)	3.0 lbs. (1.36 kg)
1656-30	1656-30H	S1656-30H	0.31" to 0.53" (7.87 to 13.46 mm)	4-3/4" (120.7 mm)	3.8 lbs. (1.70 kg)

#### B 8,000 lbs. (3,629 kg) Maximum Safe Load

Cat. No.	Hot Latch Model No.	Hot Latch/Spring Model No.	Cable Diameter	Jaw Length	Weight
1656-40	1656-40H	S1656-40H	0.53" to 0.74" (13.46 mm to 18.80 mm)	5-1/2" (139.7 mm)	8.3 lbs. (3.76 kg)
1656-50	1656-50H	S1656-50H	0.74" to 0.86" (18.80 to 21.84 mm)	5-1/2" (139.7 mm)	8.3 lbs. (3.76 kg)
1656-60	1656-60H	S1656-60H	0.86" to 0.96" (21.84 to 24.38 mm)	5-1/2" (139.7 mm)	8.3 lbs. (3.76 kg)

### 1628-16P and 1628-30 Series

- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating cable deformation
- Designed for large-diameter ACSR cables
- These grips are special order only; please allow 30 days for delivery; special order grips are not returnable

#### C 15,000 lbs. (6,803 kg) Maximum Safe Load

Cat. No.	Cable Diameter Range	Jaw Length	Weight
162816PE	0.31" to 0.33" (7.87 to 8.38 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816PF	0.33" to 0.39" (8.38 to 9.90 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816PG	0.40" to 0.45" (9.93 to 11.50 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816PH ‡	0.46" to 0.52" (11.53 to 13.08 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816PI	0.52" to 0.58" (13.11 to 14.68 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816PJ	0.58" to 0.64" (14.71 to 16.25 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816K	0.64" to 0.70" (16.28 to 17.86 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816PL	0.71" to 0.76" (17.89 mm -19.43 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816PM	0.77" to 0.82" (19.46 to 21.03 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)
162816PN	0.83" to 0.89" (21.06 to 22.61 mm)	7-1/4" (184.15 mm)	17.0 lbs. (7.73 kg)

‡ The "H" suffix does not mean Hot Latch, this is only for Cat. No. 1628-16PH.



1628-16P



1628-30

#### D 20,000 lbs. (9,072 kg) Maximum Safe Load

Cat. No.	Cable Diameter Range	Jaw Length	Weight
162930N	0.83" to 0.89" (21.06 to 22.61 mm)	10-3/4" (273.05 mm)	27.0 lbs. (12.27 kg)
1628300	0.89" to 0.96" (22.63 to 24.21 mm)	10-3/4" (273.05 mm)	27.0 lbs. (12.27 kg)

## Chicago™ Grips

### 1628 Series

- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating cable deformation
- These grips are special order only; please allow 30 days for delivery; special order grips are not returnable

#### D 20,000 lbs. (9,072 kg) Maximum Safe Load

Cat. No.	Cable Diameter Range	Jaw Length	Weight
162830P	0.95" to 1.02" (24.23 to 25.78 mm)	10-3/4" (273.05 mm)	27.0 lbs. (12.27 kg)
162830R	1.02" to 1.08" (25.81 to 27.38 mm)	10-3/4" (273.05 mm)	27.0 lbs. (12.27 kg)
162830S	1.08" to 1.14" (27.41 to 28.96 mm)	10-3/4" (273.05 mm)	27.0 lbs. (12.27 kg)
162830T	1.14" to 1.20" (28.95 to 30.55 mm)	10-3/4" (273.05 mm)	27.0 lbs. (12.27 kg)
162830U	1.21" to 1.26" (30.7 to 32 mm)	10-3/4" (273.05 mm)	27.0 lbs. (12.27 kg)

#### E 25,000 lbs. (11,340 kg) Maximum Safe Load

Cat. No.	Cable Diameter Range	Jaw Length	Weight
162840U	1.20" to 1.26" (30.48 to 32 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162840W	1.27" to 1.32" (32.25 to 33.52 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162840X	1.33" to 1.39" (33.78 to 35.30 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162840Y	1.39" to 1.45" (35.30 to 36.83 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162840Z	1.45" to 1.52" (36.83 to 38.6 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162840A	1.52" to 1.58" (38.6 to 40.13 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)

#### F 25,000 lbs. (11,340 kg) Maximum Safe Load with bolt on jaw

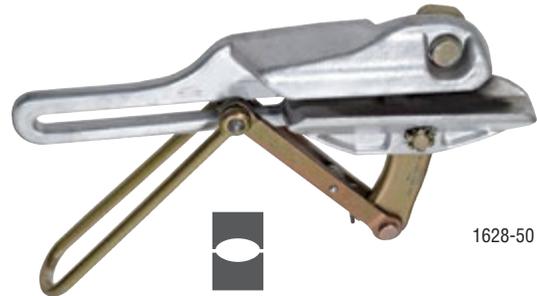
Cat. No.	Cable Diameter Range	Jaw Length	Weight
1628-50P	0.95" to 1.02" (24.23 to 25.78 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
1628-50R	13.9 oz. (394 g)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850S	1.08" to 1.14" (27.41 to 28.96 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850T	1.14" to 1.20" (28.95 to 30.55 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850U	1.20" to 1.27" (30.48 to 32.25 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850W	1.27" to 1.33" (32.25 to 33.78 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850X	1.33" to 1.39" (33.78 to 35.30 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850Y	1.39" to 1.45" (35.30 to 36.83 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850Z	1.45" to 1.52" (36.83 to 38.6 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850A	1.52" to 1.58" (38.6 to 40.13 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850B	1.58" to 1.64" (40.13 to 41.65 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850C	1.64" to 1.70" (41.65 to 43.18 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850D	1.70" to 1.77" (43.18 to 44.95 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850E	1.77" to 1.83" (44.95 to 46.48 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)
162850F	1.83" to 1.89" (46.48 to 48 mm)	10-3/4" (273.05 mm)	34.0 lbs. (15.45 kg)



1628-30



1628-40



1628-50

- Removable bolt on floating jaw, secured by a slotted nut and cotter pin. Jaw provides increased cable coverage
- Cat. No. 555 replacement bolt available
- NOTE: Jaw must be removed to insert cable
- These grips are special order only; please allow 30 days for delivery; special order grips are not returnable



### Chicago™ Grip-Dual Conductor

- Designed specifically for VR2® (vibration-resistant) and TransPow® T-2® dual conductor twisted pair cables
- Machined upper and lower jaws eliminate scoring or damage to second conductor
- Currently available in U size. Made to order. Please call Klein Tools for expected delivery dates. These are not returnable

#### E 25,000 lbs. (11,340 kg) Maximum Safe Load

Cat. No.	Cable Diameter Range	Jaw Length	Weight
162840VRU	1.20" to 1.27" (30.5 to 32.3 mm)	10-3/4" (273.1 mm)	34 lbs. (15.45 kg)

VR2 is a registered trademark of Southwire Company.

TransPow and T-2 are registered trademarks of General Cable Technologies Corporation.

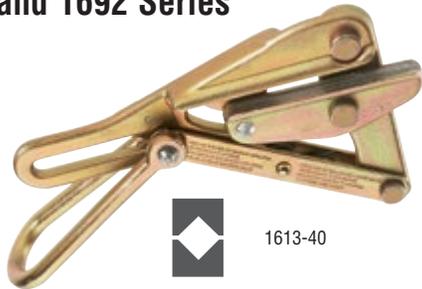


1628-40VRU



## Chicago™ Grips

### Aircraft Cable, EHS (Extra-High-Strength), Messenger and Guy Strand-1613, 1628, 1684 and 1692 Series



1613-40



1684-5C

● Sawtooth jaw profile provides extra gripping power.



1684-5F

With file insert



1684-74

Milled curved jaw

- Designed for cable sizes from 0.12" (3.10 mm) to 1" (25.4 mm)
- Double V grooves provide four-point contact, reducing chance of slipping and providing proper alignment of wire and cable.
- Cat. No. 1684-5F is a Single V with file insert.
- Cat. No. 16845C is Aggressive jaw profile
- Sawtooth jaw profile provides extra gripping power
- Replacement parts available: Screws (Cat. No. 573) and file (Cat. No. 578)

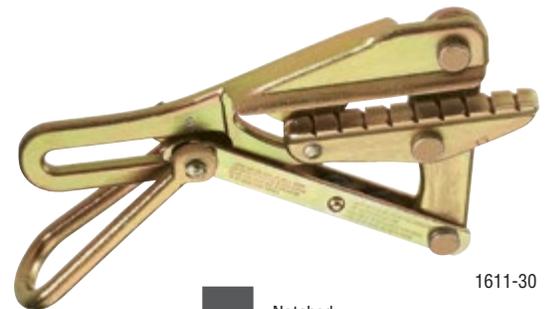


Replacement parts available: Screws (Cat. No. 573) and file (Cat. No. 578).

Cat. No.	Hot Latch Model No.	Hot Latch/Spring Model No.	Cable Diameter	Jaw Length	Weight
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>					
1613-40	1613-40H	S1613-40H	0.12" to 0.37" (3.05 to 9.40 mm)	4-3/16" (106.4 mm)	3.0 lbs. (1.36 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>					
1684-5F	—	—	0.16" to 0.55" (4.06 to 13.97 mm)	5" (127.0 mm)	6.3 lbs. (2.86 kg)
1684-5	1684-5H	S1684-5H	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.3 lbs. (2.86 kg)
1692-5	—	—	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.4 lbs. (2.90 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load – EHS Specific</b>					
1684-5C	—	—	0.16" to 0.55" (4.06 to 13.97 mm)	5" (127.0 mm)	6.3 lbs. (2.86 kg)
1684-74	—	S1684-5H	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.3 lbs. (2.86 kg)
<b>15,000 lbs. (6,803 kg) Maximum Safe Load</b>					
1628-16	—	—	0.31" to 0.62" (7.87 to 15.75 mm)	7-1/4" (184.2 mm)	15.3 lbs. (6.94 kg)
1628-17	—	—	0.50" to 0.75" (12.70 to 19.05 mm)	7-1/4" (184.2 mm)	16.3 lbs. (7.39 kg)
1628-18	—	—	0.75" to 1.0" (19.05 to 25.40 mm)	7-1/4" (184.2 mm)	15.7 lbs. (7.12 kg)

### Weatherproof Stranded and Solid Cable -1611 Series

- Round inside jaw contour for weatherproof coated wire
- Notches in jaw provide firm grip on insulation



1611-30

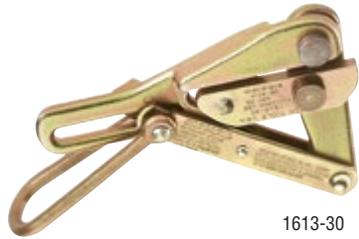
Notched Jaw

Cat. No.	Cable Diameter	Jaw Length	Weight
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>			
1611-20	0.20" to 0.40" (5.08 to 10.16 mm)	4-3/16" (106.4 mm)	3.0 lbs. (1.36 kg)
1611-30	0.31" to 0.53" (7.87 to 13.46 mm)	4-3/4" (120.7 mm)	3.8 lbs. (1.72 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>			
1611-40	0.53" to 0.70" (13.46 to 17.78 mm)	5-11/16" (144.5 mm)	7.8 lbs. (3.54 kg)
1611-50	0.74" to 0.86" (18.80 to 21.84 mm)	5-11/16" (144.5 mm)	7.8 lbs. (3.54 kg)

**Chicago™ Grips**

**Bare Wire-1613 Series**

- Designed for working with solid and stranded bare wire from 0.08" (2 mm) to 0.20" (5.1 mm)
- Lightweight, cost-effective grip
- Single "V" groove jaw
- Cat. Nos. 1613-35 and 1613-35H pulls #6 and #8 bare copper wire without damaging or deforming the cable



1613-30



1613-35



Cat. No.	Latch Model	Minimum Cable	Maximum Cable	Jaw Length	Weight
<b>1,500 lbs. (680 kg) Maximum Safe Load</b>					
1613-30	—	12 B and S solid 0.08" (2.03 mm)	4 B and S solid 0.20" (5.08 mm)	3" (76.2 mm)	1.5 lbs. (0.68 kg)
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>					
1613-35	1613-35H	#8 AWG Bare Copper	#6 AWG Bare Copper	4-3/16" (106.4 mm)	6.0 lbs. (2.72 kg)



1613-35 and 1613-35H pulls #6 and #8 bare copper wire

**PVC-Covered Cable -1659 Series**

- Specially machined serpentine jaws allow insulated conductor to be inserted through jaws
- Eliminates necessity of stripping insulation from conductor
- Round inside-jaw contour



Cat. No.	Cable Diameter	Jaw Length	Weight
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>			
1659-20	0.20" to 0.42" (5.08 to 10.67 mm)	4-3/16" (106.4 mm)	3.0 lbs. (1.36 kg)
1659-30	0.31" to 0.50" (7.87 to 12.70 mm)	4-3/4" (120.7 mm)	3.8 lbs. (1.72 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>			
1659-40	0.49" to 0.79" (12.45 to 20.07 mm)	5-11/16" (144.5 mm)	7.8 lbs. (3.54 kg)
1659-50	0.79" to 1.01" (20.07 to 25.65 mm)	5-11/16" (144.5 mm)	7.8 lbs. (3.54 kg)



1659-30



Serpentine Jaw

**Bell System B, L, and H-1628, 1659, 1684 & 1692 Series**

- All are equipped with chain, toggle and shackle - keeps the grip from falling off of cable
- 1659-5AT is similar to Bell-System type "B" Strand Puller. Designed to pull 1/4" (6.35 mm) figure-8 telephone cable. Also has serpentine jaw



Serpentine Jaw

Cat. No.	Type	Cable Diameter	Jaw Length	Weight
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>				
1659-5AT	"B" Strand Puller	0.20" to 0.37" (5.08 to 9.4 mm)	5" (127.0 mm)	6.7 lbs. (3.04 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>				
1684-5AT	"L" Strand Puller	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.9 lbs. (3.13 kg)
1692-5AT	"L" Strand Puller	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.6 lbs. (2.99 kg)
<b>15,000 lbs. (6,803 kg) Maximum Safe Load</b>				
1628-16AT	"H" Strand Puller	0.31" to 0.62" (7.87 to 15.75 mm)	7-1/4" (184.2 mm)	15.8 lbs. (7.17 kg)

\*1692-5AT (larger clamping force than 1684-5AT)



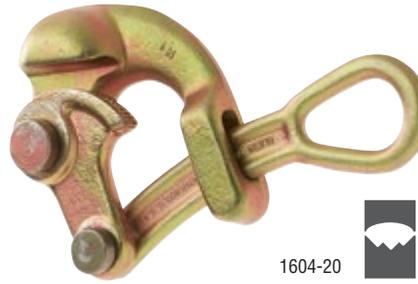
1659-5AT



## Steel Strand – Haven's™ Grips

### Messenger and Guy Strand - 1604 Series

- Designed for use when light, compact grip is desired and where cable deformation is not a factor
- Gripping pressure of the knurled jaw is applied to 1/4" (6.35 mm) cable area
- Latch on Cat. No. 1604-20L helps hold cable in the jaw



1604-20



1604-20L



Cat. No.	Latch Model	Cable Diameter	Weight
<b>2,500 lbs. (1,134 kg) Maximum Safe Load</b>			
1604-10	—	0.06" to 0.25" (1.52 to 6.35 mm)	4.0 lbs. (1.81 kg)
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>			
1604-20	1604-20L	0.125" to 0.500" (3.18 to 12.70 mm)	2.1 lbs. (0.95 kg)

### Wire Rope-1625 Series

- Designed for use when light, compact grip is desired and where cable deformation is not a factor
- Gripping pressure of the knurled jaw is applied to 1/4" (6.35 mm) cable area
- All 1625 series have a swing latch to help hold cable in the jaw



1625-20



Cat. No.	Cable Diameter	Weight
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>		
1625-20	0.28" to 0.75" (7.11 to 19.05 mm)	4.0 lbs. (1.81 kg)
162520-7/8	0.38" to 0.88" (9.65 to 22.35 mm)	4.0 lbs. (1.81 kg)
162520-1	0.50" to 1.00" (12.70 to 25.40 mm)	4.0 lbs. (1.81 kg)

## Parallel Jaw Grips

### Parallel Jaw Grip - Hendrix® Tree Wire

- Securely pulls HDPE-coated cable commonly known as "tree wire"
- Innovative high-traction surface grips the cable without damaging the outer jacket
- Tough carbide grit technology withstands even the harshest jobsite conditions
- The only grip solution specifically designed for Hendrix® Aerial Cable
- Spring-loaded for one-handed operation and easy placement on the conductor
- Hendrix® is a registered trademark of Marmon Utility LLC

**NEW!**



1716-60

Cat. No.	Cable Diameter	Jaw Length	Weight
<b>12,000 lbs. (5,443 kg) Maximum Safe Load</b>			
1716-60 <b>NEW!</b>	0.70" to 1.30" (17.78 to 33.02 mm)	5-1/8" (130.2 mm)	8.1 lbs. (3.67 kg)

**Parallel Jaw Grips**

**KT4500, KT4600 and KT4800 Series**



KT4500



KT4650

KT4602

- The KT4500, KT4600 and KT4800 Series feature a round serrated jaw
- KT4501, KT4502, KT4601, KT4602, KT4801, KT4802 are supplied with hot latches
- Hot latch closes automatically to guard against grip accidentally disengaging from wire
- Large opening in the handle to accommodate a wide variety of hooks on hoists, winches and tackle blocks

Cat. No.	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Length	Weight
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>						
KT4500	0.18" to 0.60" (4.57 to 15.20 mm)		•		4" (101.6 mm)	3.8 lbs. (1.72 kg)
KT4501	0.18" to 0.60" (4.57 to 15.20 mm)	•	•	•	4" (101.6 mm)	3.8 lbs. (1.72 kg)
KT4502	0.18" to 0.60" (4.57 to 15.20 mm)	•			4" (101.6 mm)	3.8 lbs. (1.72 kg)
KT4650	0.16" to 0.90" (4.06 to 22.86 mm)		•		4-1/2" (114.3 mm)	4.9 lbs. (2.22 kg)
KT4652	0.16" (4 mm) to 0.9" (23 mm)	•	•		4-1/2" (114.3 mm)	4.9 lbs. (2.22 kg)
<b>10,000 lbs. (4,536 kg) Maximum Safe Load</b>						
KT4600	0.3" to 0.8" (7.62 to 20.3 mm)		•		5" (127.0 mm)	7.0 lbs. (3.18 kg)
KT4601	0.3" to 0.8" (7.62 to 20.3 mm)	•	•	•	5" (127.0 mm)	7.0 lbs. (3.18 kg)
KT4602	0.3" to 0.8" (7.62 to 20.3 mm)	•			5" (127.0 mm)	7.0 lbs. (3.18 kg)
<b>12,000 lbs. (5,443 kg) Maximum Safe Load</b>						
KT4800	0.70" to 1.25" (17.78 to 31.75 mm)		•		5-1/8" (130.2 mm)	9.0 lbs. (4.08 kg)
KT4801	0.70" to 1.25" (17.78 to 31.75 mm)	•	•	•	5-1/8" (130.2 mm)	9.0 lbs. (4.08 kg)
KT4802	0.70" to 1.25" (17.78 to 31.75 mm)	•			5-1/8" (130.2 mm)	9.0 lbs. (4.08 kg)

**Parallel Jaw Grips-1685**

- Lightweight, compact grips pull an exceptionally wide range of cable types and sizes
- Designed with a round inside-jaw contour for maximum contact to minimize cable deformation
- Lower jaw is serrated to firmly grip insulated cables and conductors
- Design includes a latch that prevents the grip from falling in case of jaw disengagement from the cable
- Large-diameter eye accommodates large hooks on hoists, winches and tackle blocks



1685-20



1685-31

Cat. No.	Cable Diameter	Jaw Length	Weight
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>			
1685-20	0.157" to 0.875" (3.98 to 22.22 mm)	2-1/2" (63.5 mm)	3.0 lbs. (1.36 kg)
<b>7,500 lbs. (3,400 kg) Maximum Safe Load</b>			
1685-31	0.625" to 1.250" (15.87 to 31.75 mm)	4-1/2" (114.3 mm)	5.0 lbs. (2.27 kg)



## Parallel Jaw Grips

### Parallel Jaw Grips-1686-10, 1686-20, 1671-10 and 1672-10

- Longer jaws achieve a firm hold, reducing potential deformation to cable
- Designed with a Double V jaw contour, a latch, plus a large-diameter eye that accommodates large hooks on hoists, winches, and tackle blocks
- When latch is closed, it helps maintain cable position in grip jaws
- Cat. Nos. 1686-20 and 1672-10 have knurled jaws

Cat. No.	Cable Diameter	Jaw Length	Weight
<b>10,000 lbs. (4,536 kg) Maximum Safe Load</b>			
1686-10	0.20" to 0.40" (5.08 to 10.16 mm)	4-3/8" (111.1 mm)	5.0 lbs. (2.27 kg)
1686-20	0.20" to 0.40" (5.08 to 10.16 mm)	4-3/8" (111.1 mm)	5.0 lbs. (2.27 kg)
1671-10	0.37" to 0.75" (9.40 to 19.05 mm)	4-3/8" (111.1 mm)	5.0 lbs. (2.27 kg)
1672-10	0.37" to 0.75" (9.40 to 19.05 mm)	4-3/8" (111.1 mm)	5.0 lbs. (2.27 kg)

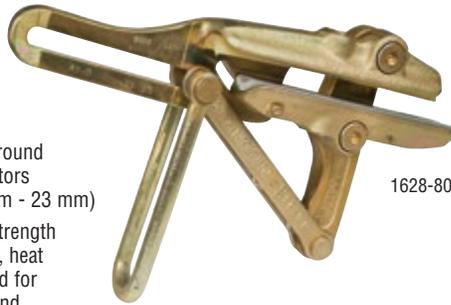


1672-10

## Interchangeable Jaw Grips & Liners

### OPGW Conductors - 1628-80 Series - Grip

- Suitable for Optical Ground Wire (OPGW) conductors 0.236" to 0.906" (6 mm - 23 mm)
- Constructed of high strength alloy steel, hot forged, heat treated, and galvanized for toughness, strength and corrosion resistance
- Offers a full range of interchangeable liners to be inserted between the upper and lower jaws of the grip



1628-80

Cat. No.	Cable Diameter	Weight
<b>6,750 lbs. (3,062 kg) Maximum Safe Load</b>		
1628-80	0.236" to 0.906" (5.99 to 23.01 mm)	15.0 lbs. (6.80 kg)

### OPGW Conductors - 1628-80 Series - Grip Liners

- **Lower liner** - Polyurethane (provides cushioning for the optical cable) **Upper liner** - Aluminum
- Liners are made to order. Call Customer Service with details of cable diameter, cable type and working load requirements for availability and lead time



1628-80AA

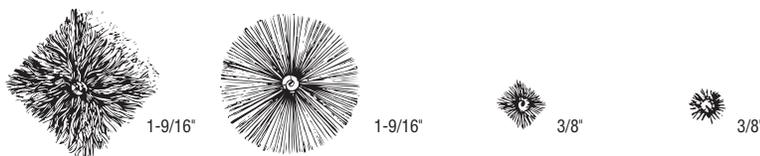
Cat. No.	Cable Diameter	Weight
1628-80AA	0.236" to 0.314" (6.00 to 7.97 mm)	16.0 oz. (454 g)
1628-80BB	0.315" to 0.353" (8.00 to 8.96 mm)	16.0 oz. (454 g)
1628-80E	0.354" to 0.432" (8.99 to 10.97 mm)	10.4 oz. (295 g)
1628-80F	0.433" to 0.511" (10.99 to 12.97 mm)	10.4 oz. (295 g)
1628-80G	0.512" to 0.750" (13.00 to 19.05 mm)	7.2 oz. (204 g)
1628-80H	0.591" to 0.740" (15.01 to 18.79 mm)	8.8 oz. (249 g)
1628-80I	0.670" to 0.747" (17.01 to 18.97 mm)	8.0 oz. (227 g)
1628-80J	0.748" to 0.787" (19.00 to 20.00 mm)	16.0 oz. (454 g)
1628-80K	0.788" to 0.826" (20.02 to 21.00 mm)	16.0 oz. (454 g)
1628-80L	0.827" to 0.866" (21.01 to 22.00 mm)	16.0 oz. (454 g)

Call Klein Tools for expected delivery dates. These are not returnable.

## Accessories

### Grip-Cleaning Brush Set

- Set of four wire-bristle brushes designed for cleaning Klein wire and cable-pulling grips
- Brushes have stiff wire bristles
- Includes round and square shapes in both 12" and 14" (304.8 and 355.6 mm) lengths for efficient cleaning of different jaw configurations
- Semi-flexible steel shafts set into comfortable wooden handles provide the necessary reach into grip jaws



1-9/16"

1-9/16"

3/8"

3/8"



25450

Cat. No.	Weight
25450	1.0 lbs. (0.45 kg)

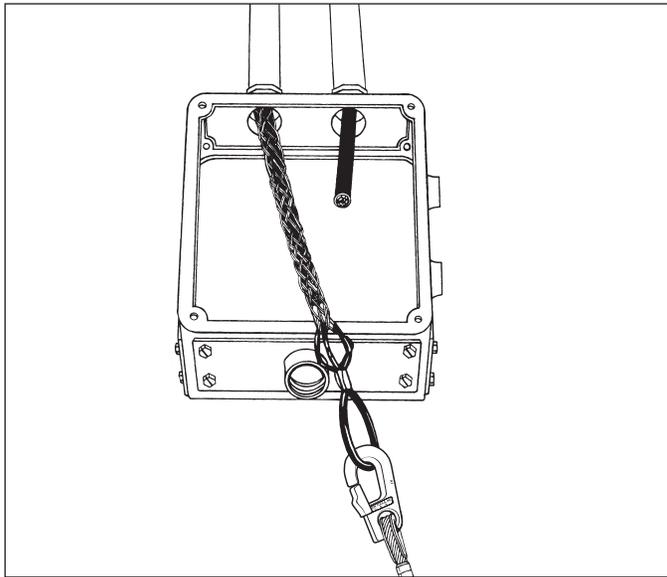
## Introduction – Wire Mesh Grips

Klein mesh pulling-grips are used for pulling overhead or underground cable, for stringing service or communication lines into buildings, for pulling wire through conduit, and for general underground construction.

Klein grips may be used for pulling bare or insulated wires, and wire rope. They install quickly and easily, and are designed to pass readily through ducts, conduit, blocks, and sheaves.

Klein grips are reusable and do not damage the cable because pulling tension remains uniform along the length of the grip. The mesh will fit either a single cable, or a bundle of cables.

Klein pulling grips are woven of galvanized steel – strong and long lasting.



### General Application Information

**KPJ** junior-duty series is used for small-job requirements where pulling tensions are low. Typical uses are to connect insulated building wire bundles to pulling tape, and pull through conduit.

**KPL** light duty grips are economical for applications such as industrial plant wiring and rewiring jobs, and in underground electrical construction where pulling tensions are low.

**KSRK** light-duty, slack-pulling grips are split mesh, single-weave design with rod closure for quick installation. Application areas similar to KSSK series, except mesh lengths are shorter and for lower pulling loads.

**KPM** medium-duty grips are flexible and easily handled; ideal for use where the exceptional strength of heavy-duty grips is not required.

**KSCK** medium-duty slack-pulling grips with closed double-weave mesh are used for final placement of underground cable where cable end is available, or for removing cable. Standard lengths are used in restricted space for short pulls. Where space is not restricted, longer lengths are used for higher pulling loads.

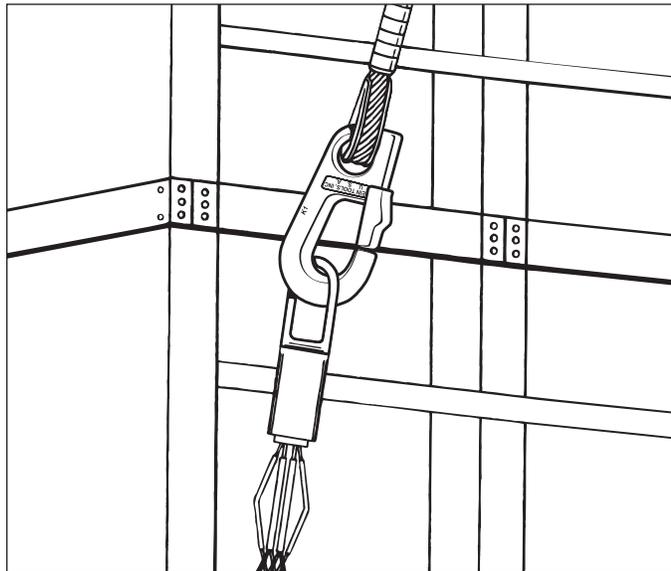
**KSSK** medium-duty slack-pulling grip applications are similar to the KSCK series except they are used where cable end is not available. Double-weave split mesh has lace closure.

**KP** heavy-duty grip series are recommended for underground installations.

**KPS** heavy-duty grip series are also recommended for underground installations. An additional feature of the KPS includes "rotating eye" to allow twists in the cable to spin out during slack periods.

### Prefix Letter Code

- KPJ** Pulling, Junior-Duty, Closed-Mesh, Single-Weave, Light Duty, Flexible Eye
- KPL** Pulling, Closed-Mesh, Single-Weave, Flexible Eye
- KSRK** Slack-Pulling, Light-Duty, Split-Mesh, Single-Weave, Rod Closure, Offset Flexible Eye
- KPM** Pulling, Medium-Duty, Closed-Mesh, Double-Weave, Flexible Eye
- KSCK** Slack-Pulling, Medium Duty, Closed-Mesh, Double-Weave, Offset Flexible Eye
- KSSK** Slack-Pulling, Medium Duty, Split-Mesh, Double-Weave, Lace Closure, Offset Flexible Eye
- KP** Pulling, Heavy-Duty, Closed-Mesh, Double-Weave, Flexible Eye
- KPS** Pulling, Heavy-Duty, with Rotating Eye, Closed-Mesh, Double-Weave



### Catalog Number Explanation

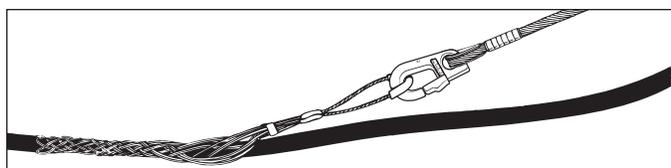
KPS	—	050	—	2
Grip Type* and Mesh		Cat. No.** Size Code		Final Digit, if any, refers to mesh length range or actual dimension.

\* See Prefix Letter Code explanation.

\*\* On Junior-duty grips, initial digit "0" is omitted in Cat. No.

### Example:

Cat. No. KPS-050-2 is a heavy-duty pulling grip with a rotating eye, for use with cable diameters from .50" to .61", with medium-length mesh.





## Introduction – Wire Mesh Grips

### How to select proper grip eye and mesh type

There are three basic styles of pulling grips, together with a choice of wire mesh types and lengths to meet a wide variety of pulling requirements.

### Design Strength

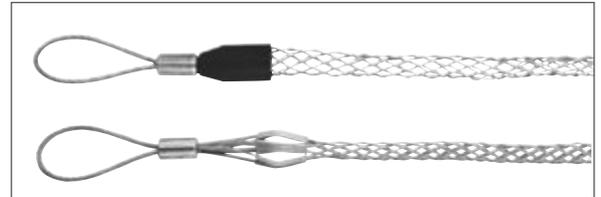
Applications and conditions of use for Klein mesh pulling grips vary so widely that it is impossible to set any meaningful standard for "breaking strength."

With wire-mesh pulling grips, the holding power achieved is directly related to the length of mesh. The longer the mesh, the firmer the grip on the cable. For smaller-diameter cable, or where the weight to be pulled is less, short mesh grips will serve the purpose.

### 1. Flexible Eye: Closed Mesh

#### KPJ/KPL/KPM/KP

This pulling-grip eye allows maximum flexibility to follow the line of pull, and is used when the end of the cable is available. Mesh selection depends on the weight of the material being pulled. Closed-mesh, single weave, flexible-eye grips are offered in lengths for junior-duty and light-duty use; closed-mesh, double-weave, flexible-eye grips are offered for medium-duty and heavy-duty use.



### 2. Rotating Eye: Closed Mesh

#### KPS

Recommended for heavier pulling jobs and underground wiring, this pulling grip eye is furnished on double-weave mesh grips in a wide range of lengths. The rotating eye compensates for pulling torque, relieving strain on the cable. **Rotating-eye grips should not be used on rope or as a swivel.**



### 3. Offset Flexible Eye: Split and Closed Mesh

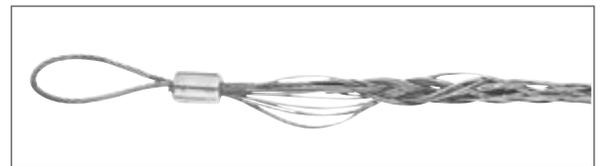
#### KSRK/KSCK/KSSK

These slack-pulling grips come in three styles:

**KSRK** single-weave split-mesh with rod closure (light duty, where cable end is not available),

**KSCK** double-weave closed-mesh (for medium duty, where the end of the cable is available),

**KSSK** double-weave split-mesh with lace closure (medium duty, where cable end is not available).



## How grips are attached to cable

**Closed-mesh grips** simply slip over the cable where the cable end is accessible.

**Split-mesh grips** are used when the end of the cable is not available.

The grip is folded around the cable, and secured with a wire lace or steel rod (supplied with the grip) as follows:

#### 1. Split mesh with lace closure

Start at the lead end of the grip, threading the lace through the first two loops of the split, then pulling it through until ends are centered evenly. Cross the lace ends and thread through next two loops, and so on down the grip. Do not pull lacing too tight. Spacing of laced closure should be about the same as the mesh weave. When the end of the grip is reached, twist lacing strands tightly together; wrap ends of lace around grip, and twist again to secure. Excess may be cut off.

#### 2. Split mesh with rod closure

Simply wrap the grip around the cable, then thread the rod through the loops, using a cork-screw motion.

To remove, pull the rod out, and the grip is ready for re-use.

## Wire-Mesh Grips Warnings

**WARNING:** Grips are to be used for temporary installation, not for permanent anchorage.

**WARNING:** When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

**WARNING:** Do not exceed rated capacity.

**WARNING:** Always match proper size and type of grip to application.

**WARNING:** Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.

## Introduction – Wire Mesh Grips

### How to select the proper pulling grip for your application

1. Select the proper pulling-grip series (Prefix Letter Code...e.g. KPS) based on the "General Application Information" descriptions in the Wire-Mesh Grips Introduction on preceding pages.
2. Select grip size based on the outside diameter or circumference of the cable(s) to be pulled. Refer to reference tables (on this and following page) for convenience in determining cable diameters.
3. Use Pulling-Grip Selection Tables (on this and following page) to determine the "Size" portion of the Catalog Number for the cable diameter required. In the ordering tables (see following pages) this "Size" code is incorporated within the catalog number under the various grip-type classifications.

**Table 1**

### Pulling Grip Selection Table for One or More Cables of Equal Diameter to Be Pulled in One Grip

1. Read across on top line for number of cables in one grip.
2. Read down for diameter of each cable.
3. Use Cat. No. size code to select catalog number of the required size grip.

**Example:**

3 Cables, each with diameter of 1.31" use grip with Cat. No. Size Code 250.

**Cable Diameters in Decimal Inches**

1 Cable	2 Cables	3 Cables	4 Cables	5 Cables	6 & 7 Cables	8 Cables	9 Cables	Cat. No. Size Code	Grip Diam. Range
0.50-0.62	0.27-0.36	0.26-0.33	0.24-0.28	0.21-0.25	0.19-0.22	0.17-0.20	0.15-0.19	050	0.50-0.62
0.62-0.75	0.36-0.45	0.33-0.36	0.28-0.31	0.25-0.29	0.22-0.26	0.20-0.23	0.19-0.22	062	0.62-0.75
0.75-1.00	0.45-0.60	0.36-0.49	0.31-0.42	0.29-0.38	0.26-0.34	0.23-0.31	0.22-0.31	075	0.75-1.00
1.00-1.25	0.60-0.76	0.49-0.63	0.42-0.54	0.38-0.48	0.34-0.43	0.31-0.39	0.29-0.36	100	1.00-1.25
1.25-1.50	0.76-0.91	0.63-0.76	0.54-0.65	0.48-0.58	0.43-0.52	0.39-0.46	0.36-0.43	125	1.25-1.50
1.50-1.75	0.91-1.08	0.76-0.89	0.65-0.77	0.58-0.67	0.52-0.60	0.46-0.54	0.43-0.49	150	1.50-1.75
2.00-2.50	1.23-1.54	1.02-1.28	0.88-1.10	0.77-0.96	0.69-0.86	0.62-0.77	0.57-0.72	200	2.00-2.50
2.50-3.00	1.54-1.84	1.28-1.53	1.10-1.32	0.96-1.16	0.86-1.03	0.77-0.93	0.72-0.86	250	2.50-3.00
3.00-3.50	1.84-2.15	1.53-1.79	1.32-1.54	1.16-1.35	1.03-1.20	0.93-1.08	0.86-1.00	300	3.00-3.50
3.50-4.00	2.15-2.45	1.79-2.05	1.54-1.76	1.35-1.54	1.20-1.37	1.08-1.24	1.00-1.14	350	3.50-4.00

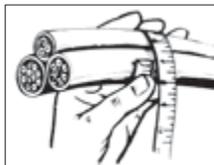
**Table 2**

### Pulling-Grip Selection Table for Cables of Different Diameters to Be Pulled in One Grip

Grip Circumference Range		Cat. No. Size Code	Grip Diameter Range	
Fractional Inches	Decimal Inches		Fractional Inches	Decimal Inches
1-37/64-1-15/16	1.57-1.94	062	1/2-5/8	.50-.62
1-37/64-2-3/8	1.57-2.37	050	5/8-3/4	.62-.75
2-3/8-3-5/32	2.37-3.15	075	3/4-1	.75-1.00
3-5/32-3-15/16	3.15-3.94	100	1-1-1/4	1.00-1.25
3-15/16-4-23/32	3.94-4.72	125	1-1/4-1-1/2	1.25-1.50
4-23/32-5-33/64	4.72-5.51	150	1-1/2-1-3/4	1.50-1.75
6-19/64-7-55/64	6.29-7.86	200	2-2-1/2	2.00-2.50
7-55/64-9-7/16	7.86-9.43	250	2-1/2-3	2.50-3.00
9-7/16-11-1/64	9.43-11.01	300	3-3-1/2	3.00-3.50
11-1/64-12-37/64	11.01-12.58	350	3-1/2-4	3.50-4.00

"Grip Circumference Range" refers to circumference of all cables held together.

1. Measure the circumference of bundle of cables to be held.
2. Read down to locate correct range.
3. Read across for catalog number size code.



**Table 3**

### Reference Table: Dimension Conversions for Ordering Tables

Decimal Inches	Fractional Inches	Metric Dimensions (mm)
0.12-0.24	1/8-15/64	3.17-5.95
0.25-0.36	1/4-23/64	6.35-9.13
0.37-0.49	3/8-31/64	9.52-12.30
0.50-0.61	1/2-39/64	12.70-15.48
0.62-0.74	5/8-47/64	15.88-18.65
0.75-0.99	3/4-63/64	19.05-25.00
1.00-1.24	1-1-15/64	25.40-31.35
1.25-1.49	1-1/4-1-31/64	31.75-37.70
1.50-1.99	1-1/2-1-63/64	38.10-50.40
2.00-2.49	2-2-31/64	50.80-63.10
2.50-2.99	2-1/2-2-63/64	63.50-75.80
3.00-3.49	3-3-31/64	76.20-88.50
3.50-3.99	3-1/2-3-63/64	88.90-101.20

**Example:**

For four cables together with circumference of 6.35", use grip containing catalog number size code "200".



## Wire Mesh Grips

### Single-Weave, Flexible-Eye Pulling Grips



KPJ-50

Cat. No.	Cable Diameter	Loaded/Compressed Mesh Length	Maximum Safe Load	Weight
KPJ50	0.50" to 0.61" (12.70 to 15.59 mm)	8-1/2" (215.9 mm)	260 lbs. (118 kg)	0.8 oz. (23.0 g)
KPJ75	0.75" to 0.99" (19.05 to 25.15 mm)	10" (254.0 mm)	560 lbs. (254 kg)	1.6 oz. (45 g)
KPJ100	1.00" to 1.24" (25.4 to 31.50 mm)	11-1/2" (292.1 mm)	780 lbs. (354 kg)	4.5 oz. (128 g)
KPL125-1	1.25" to 1.49" (31.75 to 37.85 mm)	14" (355.6 mm)	1060 lbs. (481 kg.)	6.4 oz. (181 g)
KPL150-1	1.50" to 1.74" (38.10 to 44.20 mm)	15" (381.0 mm)	1360 lbs. (617 kg)	6.4 oz. (181 g)
KPL200-1	2.00" to 2.49" (50.80 to 63.25 mm)	18" (457.2 mm)	1700 lbs. (771 kg)	10.4 oz. (295 g)

### Double-Weave, Flexible-Eye Pulling Grips



KPM-075

Cat. No.	Cable Diameter	Loaded/Compressed Mesh Length	Maximum Safe Load	Weight
KPM050	0.50" to 0.61" (12.70 to 15.59 mm)	13" (330.2 mm)	480 lbs. (218 kg)	1.6 oz. (45 g)
KPM075	0.75" to 0.99" (19.05 to 25.15 mm)	16" (406.4 mm)	1030 lbs. (467 kg)	3.2 oz. (91 g)
KPM100	1.00" to 1.37" (25.4 to 34.80 mm)	18" (457.2 mm)	1420 lbs. (644 kg)	6.4 oz. (181 g)
KP075-24	0.75" to 0.99" (19.05 to 25.15 mm)	24" (609.6 mm)	1360 lbs. (617 kg)	8.0 oz. (227 g)
KP100-24	1.00" to 1.49" (25.4 to 37.85 mm)	24" (609.6 mm)	1920 lbs. (871 kg)	1.1 lbs. (0.50 kg)
KP075-36	0.75" to 0.99" (19.05 to 25.15 mm)	36" (914.4 mm)	1360 lbs. (617 kg)	11.8 oz. (335 g)
KP100-36	1.00" to 1.49" (25.4 to 37.85 mm)	36" (914.4 mm)	1920 lbs. (871 kg)	1.0 lbs. (0.45 kg)
KP150-36	1.50" to 1.99" (38.10 to 50.55 mm)	36" (914.4 mm)	3280 lbs. (1488 kg)	1.6 lbs. (0.73 kg)

### Double-Weave, Rotating-Eye Pulling Grips



KPS-062-1

Cat. No.	Cable Diameter	Loaded/Compressed Mesh Length	Maximum Safe Load	Weight
KPS050-2	0.50" to 0.61" (12.70 to 15.59 mm)	16" (406.4 mm)	1120 lbs. (508 kg)	7.2 oz. (204 g)
KPS062-2	0.620" to 0.740" (15.74 to 18.79 mm)	16" (406.4 mm)	1360 lbs. (617 kg)	8.0 oz. (227 g)
KPS075-2	0.75" to 0.99" (19.05 to 25.15 mm)	20" (508.0 mm)	1360 lbs. (617 kg)	13.6 oz. (386 g)
KPS100-2	1.00" to 1.24" (25.4 to 31.50 mm)	20" (508.0 mm)	2560 lbs. (1161 kg)	1.9 lbs. (0.86 kg)
KPS125-2	1.25" to 1.49" (31.75 to 37.85 mm)	21" (533.4 mm)	2560 lbs. (1161 kg)	1.9 lbs. (0.86 kg)
KPS150-2	1.50" to 1.99" (38.10 to 50.55 mm)	25" (635.0 mm)	3280 lbs. (1488 kg)	2.2 lbs. (1.00 kg)
KPS200-2	2.00" to 2.49" (50.80 to 63.25 mm)	26" (660.4 mm)	5440 lbs. (2468 kg)	4.1 lbs. (1.86 kg)
KPS250-2	2.50" to 2.99" (63.50 to 75.95 mm)	28" (711.2 mm)	6600 lbs. (2994 kg)	5.3 lbs. (2.40 kg)
KPS300-2	3.00" to 3.49" (76.20 to 88.65 mm)	30" (762.0 mm)	8200 lbs. (3720 kg)	6.1 lbs. (2.77 kg)
KPS350-2	3.5" to 3.99" (88.90 to 101.35 mm)	32" (812.8 mm)	9600 lbs. (4354 kg)	6.8 lbs. (3.08 kg)
KPS100-3	1.00" to 1.49" (25.4 to 37.85 mm)	33" (838.2 mm)	3280 lbs. (1488 kg)	2.4 lbs. (1.09 kg)
KPS150-3	1.50" to 1.99" (38.10 to 50.55 mm)	34" (863.6 mm)	3280 lbs. (1488 kg)	2.5 lbs. (1.13 kg)
KPS200-3	2.00" to 2.49" (50.80 to 63.25 mm)	36" (914.4 mm)	5440 lbs. (2468 kg)	4.7 lbs. (2.13 kg)

### Slack-Pulling, Offset Flexible-Eye Pulling Grips



KSSK-100-1

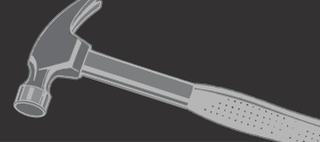
Cat. No.	Cable Diameter	Loaded/Compressed Mesh Length	Maximum Safe Load	Weight
KSSK100-1	1.00" to 1.24" (25.4 to 31.50 mm)	15" (381.0 mm)	800 lbs. (363 kg)	8.0 oz. (227 g)
KSSK125-1	1.25" to 1.49" (31.75 to 37.85 mm)	16" (406.4 mm)	800 lbs. (363 kg)	4.0 oz. (113 g)

# Hammers, Chisels & Punches

Klein hammers, chisels and punches are designed and created to strike through jobsite challenges. Engineered with the professional in mind, each tool is job-matched to fit the task at hand.



For Professionals...  
Since 1857™



## Hammers

### Electrician's Straight-Claw Hammer

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Comfortable, perforated neoprene grip bonded to handle
- Extra-long neck and narrow striking face are ideal for reaching into outlet boxes and other tight areas
- Balanced and designed specifically for use in electrical work

Cat. No.	Head Weight	Overall Length	Weight
807-18	18.0 oz. (510 g)	15" (381.0 mm)	1.9 lbs. (0.86 kg)



807-18

### Straight-Claw Hammers-Heavy-Duty

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Comfortable, perforated neoprene grip bonded to handle
- Straight-claw design for easy nail pulling in tight quarters

Cat. No.	Head Weight	Overall Length	Weight
808-16	16.0 oz. (454 g)	13" (330.2 mm)	1.9 lbs. (0.86 kg)
808-20	20.0 oz. (567 g)	14" (355.6 mm)	2.0 lbs. (0.91 kg)



808-16

### Curved-Claw Hammers-Heavy-Duty

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Comfortable, perforated neoprene grip bonded to handle
- Curved claw gives maximum nail-pulling leverage

Cat. No.	Head Weight	Overall Length	Weight
818-16	16.0 oz. (454 g)	13" (330.2 mm)	1.9 lbs. (0.86 kg)
818-20	20.0 oz. (567 g)	14" (355.6 mm)	2.0 lbs. (0.91 kg)



818-16

### Lineman's Straight-Claw Hammer

- Heavy-duty, double-duty hammer drives lags and pulls large nails
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw
- Straight-grain hickory handle, lacquered to withstand weather

Cat. No.	Head Weight	Overall Length	Weight
832-32	32.0 oz. (907 g)	15" (381.0 mm)	2.5 lbs. (1.13 kg)



832-32

See page 310 for additional information on warnings.



For Sledge, Brass, Copper + Normalized Hammers, see Mining Tools section

## Hammers

### Ball-Peen Hammers

- Forged high-carbon steel head is hardened for additional durability
- Crowned face with uniform bevel
- Smoothly rounded peen
- Straight-grain hickory handle is stained and lacquered to withstand weather



803-12

Cat. No.	Head Weight	Overall Length	Weight
803-8	8.0 oz. (227 g)	11-1/2" (292.1 mm)	12.0 oz. (340 g)
803-12	12.0 oz. (340 g)	12-1/2" (317.5 mm)	1.1 lbs. (0.50 kg)
803-16	16.0 oz. (454 g)	13-1/2" (342.9 mm)	1.4 lbs. (0.64 kg)
803-24	24.0 oz. (680 g)	15" (381.0 mm)	1.9 lbs. (0.86 kg)
803-32	32.0 oz. (907 g)	15" (381.0 mm)	2.5 lbs. (1.13 kg)

### Hand-Drilling Hammer

- Extra-heavy, forged steel head, hardened and tempered
- Short handle for working in close quarters
- Select hickory handle, triple-wedged and lacquered to withstand weather
- Special handle treatment removes handle moisture and replaces it with oil to help eliminate the effects of extreme temperatures



823-48

Cat. No.	Head Weight	Overall Length	Weight
823-48	48 oz. (1361 g)	10" (254.0 mm)	3.3 lbs. (1.50 kg)

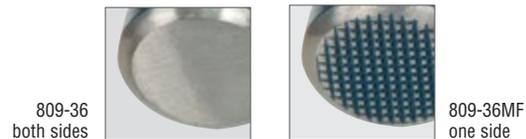
### Lineman's Double-Face Hammer

- Designed for pole-line work
- Rugged and well-balanced, with the weight to drive lag bolts
- Faces with 1-3/4" (44 mm) round-crown driving surface and beveled edges
- Cat. No. 809-36MF has one milled face for driving staples used in pole-line work and common, unhardened nails
- Forged, tempered-steel head is only 3-3/4" (95 mm) long for use in tight areas



809-36

Cat. No.	Head Weight	Overall Length	Weight
809-36	36 oz. (1021 g)	14" (355.6 mm)	2.5 lbs. (1.13 kg)
809-36MF	36 oz. (1021 g)	14" (355.6 mm)	2.5 lbs. (1.13 kg)



### Non-Sparking Hammers

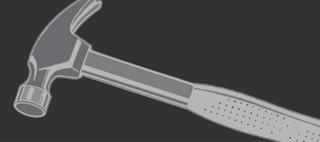
- Non-sparking, non-marring brass-head hammers
- Fiberglass handle includes TPR overmold for extra comfort and shock absorption.
- Built-in overstrike protector absorbs shock and vibration when overstrike occurs
- Large sweep at base prevents loss of grip
- Head is securely epoxied to prevent detachment
- Does not contain beryllium



819-03

Cat. No.	Head Weight	Overall Length	Weight
819-03	3.0 lbs. (1.36 kg)	15-3/4" (400.1 mm)	3.1 lbs. (1.41 kg)
819-04	4.0 lbs. (1.81 kg)	16" (406.4 mm)	4.1 lbs. (1.86 kg)





## Hammers

### Setting Hammer

- Durable epoxy resin handle helps to protect neck from fraying and splintering if incorrectly struck or over struck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Cushioned, PVC grip bonded to handle
- Special high-carbon steel, octagon shaped head with flat striking surface and rounded cross peen



820-16

Cat. No.	Head Weight	Overall Length	Weight
820-16	16.0 oz. (454 g)	13" (330.2 mm)	1.6 lbs. (0.73 kg)

### Riveting Hammer

- High-carbon steel round head is forged and hardened
- Flat striking surface with rounded cross peen
- Straight-grain American hickory handle is stained and lacquered



821-12

Cat. No.	Head Weight	Overall Length	Weight
821-12	12.0 oz. (340 g)	12-1/4" (311.2 mm)	1.1 lbs. (0.50 kg)

### Dead Blow Hammers

- Durable, abrasion resistant non-marring hammer face
- Increased striking force with zero impact rebound
- Design isolates user from striking impact and reduces fatigue
- 40% more driving power than other dead blow hammers
- Protects job surface from damage
- Applications: HVAC, metal fabrication, electronics, oil and mining, wood and metal assembly, automotive, aerospace
- When struck, the shot directs the striking power and increases the impact, creating a dead blow effect. The reduced rebound upon impact transfers full energy of the blow to the object being struck.



811-16

Cat. No.	Head Weight	Overall Length	Weight
811-16	16.0 oz. (454 g)	12-1/2" (317.5 mm)	1.4 lbs. (0.64 kg)
811-32	32.0 oz. (907 g)	18" (457.2 mm)	1.8 lbs. (0.82 kg)



## Chisels

### Cold Chisels



66142

- Heat-treated, high-carbon steel for necessary hardness and durability
- Cuts, shapes and removes metal
- Corrosion-resistant black finish

Cat. No.	Blade Width	Overall Length	Weight
66140	3/8" (9.5 mm)	5" (127.0 mm)	1.6 oz. (45 g)
66142	1/2" (12.7 mm)	6" (152.4 mm)	3.2 oz. (91 g)
66143	5/8" (15.9 mm)	6-1/2" (165.1 mm)	5.6 oz. (159 g)
66144	3/4" (19.1 mm)	7-1/2" (190.5 mm)	9.6 oz. (272 g)
66145	7/8" (22.2 mm)	8" (203.2 mm)	13.6 oz. (386 g)
66146	1" (25.4 mm)	8-1/2" (215.9 mm)	20.8 oz. (590 g)

### Cold Chisels-Long-Length



66177

- Heat-treated, high-carbon steel for necessary hardness and durability
- Cuts, shapes and removes metal
- Accurately ground edge and long length work better in hard-to-reach areas
- Corrosion-resistant black finish

Cat. No.	Blade Width	Overall Length	Weight
66174	1/2" (12.7 mm)	12" (304.8 mm)	6.4 oz. (181 g)
66177	3/4" (19.1 mm)	12" (304.8 mm)	1.1 lbs. (0.50 kg)
66183	1" (25.4 mm)	12" (304.8 mm)	2.1 lbs. (0.95 kg)



## Chisels

### Electrician's Chisel

- One-piece handle and blade forged of strong alloy steel
- Corrosion-resistant black finish extends to the polished blade edge



66100

Cat. No.	Blade Width	Overall Length	Weight
66100	2-3/4" (69.9 mm)	8" (203.2 mm)	1.1 lbs. (0.50 kg)

## Punches

### Drift Punches

- High-carbon steel for durability
- Rugged design for impact strength
- Strong, heat-treated points are smooth and precision tapered
- Corrosion-resistant black finish



66343

Cat. No.	Point Diameter	Taper	Overall Length	Weight
66340	0.125" (3.18 mm)	4-1/4" (108.0 mm)	8" (203.2 mm)	3.2 oz. (91 g)
66342	0.188" (4.76 mm)	5" (127.0 mm)	9" (228.6 mm)	5.6 oz. (159 g)
66343	1/4" (6.4 mm)	5-1/2" (139.7 mm)	11" (279.4 mm)	12.0 oz. (340 g)
66344	0.313" (7.9 mm)	5-1/2" (139.7 mm)	11" (279.4 mm)	12.0 oz. (340 g)

### Center Punches

- High-carbon steel for durability
- Rugged design for impact strength
- Smooth-ground points heat-treated to stay sharp and true longer
- Corrosion-resistant black finish



66313

Cat. No.	Shank Diameter	Overall Length	Weight
66310	1/4" (6.4 mm)	4-1/4" (108.0 mm)	0.8 oz. (23 g)
66311	5/16" (7.9 mm)	4-1/2" (114.3 mm)	1.6 oz. (45 g)
66312	3/8"	5" (127.0 mm)	1.6 oz. (45 g)
66313	1/2" (12.7 mm)	6" (152.4 mm)	4.0 oz. (113 g)

### Pin Punches

- High-carbon steel for durability
- Precision-ground shank
- Heat-treated for added strength and hardness at working end
- Corrosion-resistant black finish



66324

Cat. No.	Point Diameter	Overall Length	Weight
66320	.063" (1.59 mm)	4-1/4" (108.0 mm)	0.8 oz. (23 g)
66321	.094" (2.4 mm)	4-3/4" (120.7 mm)	1.6 oz. (45 g)
66322	0.125" (3.18 mm)	5" (127.0 mm)	1.6 oz. (45 g)
66323	0.156" (3.97 mm)	5-1/4" (133.4 mm)	1.6 oz. (45 g)
66324	0.188" (4.76 mm)	5-1/2" (139.7 mm)	1.6 oz. (45 g)
66325	1/4" (6.4 mm)	7" (177.8 mm)	3.2 oz. (91 g)



# Steel & Concrete Construction Tools



Klein has combined unique design features with skillful engineering and manufacturing to create a superior line of steel construction tools. These tools are exceptionally rugged, with a long usage life.



For Professionals...  
Since 1857™

**Construction Tools**

**Tie-Wire Reel**

- Klein's redesigned tie-wire reel allows loading pre-coiled tie wire onto the reel without having to remove the cover
- Rugged, lightweight reel is smooth aluminum alloy with wear parts made of steel
- Designed for left or right hand use
- Large, comfortable rewind knob



27400

**Tie-Wire Reel Pad**

- Worn on the belt under the Klein® tie-wire reel (Cat. No. 27400)
- Made of 3/16" (5 mm) thick rigging leather
- Slots accommodate belts up to 2" (51 mm) wide
- Underside has a sponge-rubber pad to minimize hip fatigue



27450

Cat. No.	Diameter	Width	Weight
27400	6-1/4" (158.8 mm)	2-25/32" (70.6 mm)	2.4 lbs. (1.09 kg)

Cat. No.	Length	Width	Weight
27450	7" (177.8 mm)	7" (177.8 mm)	4.8 oz. (136 g)

**Ironworker's Heavy-Duty Tie-Wire Belts**

- Leather construction
- Rugged 2" (51 mm) wide belt
- Has separate reel-strap with its own buckle that lets you quickly and conveniently put on or take off a Klein tie-wire reel and optional pad without removing the belt or your tool pouch
- Strong double-tongue buckle with keeper
- Embossed basket-weave pattern



5420L

Cat. No.	Description	Size	Belt Width	Weight
5420S	Ironworkers Heavy Duty Tie Wire Belt, S	32" to 40" (812.8 to 1016.0 mm)	2" (50.8 mm)	13.6 oz. (386 g)
5420	Ironworkers Heavy Duty Tie Wire Belt, M	36" to 44" (914.4 to 1117.6 mm)	2" (50.8 mm)	15.2 oz. (431 g)
5420L	Ironworkers Heavy Duty Tie Wire Belt, L	40" to 48" (1016.0 to 1219.2 mm)	2" (50.8 mm)	1.1 lbs. (0.50 kg)
5420XL	Ironworker's Heavy Duty Tie-Wire Belt XL	44" to 52" (1117.6 to 1320.8 mm)	2" (50.8 mm)	1.2 lbs. (0.54 kg)

**Rebar Hickeys**



64310

- Lightweight rebar hickey has exceptionally durable steel-alloy head and extra-strong handle to withstand extreme conditions

Cat. No.	Hickey Size	Bends Rebar Size	Head Type and Bending Angle	Handle Length	Weight
64309	1a	No. 3 - 0.375" (9.525 mm) Dia. and No. 4 - 0.500" (12.700 mm) Dia.	Double 65° and 90°	24" (609.6 mm)	3.5 lbs. (1.59 kg)
64310	2	No. 5 - 0.625" (15.875 mm) Dia.	Single 65°	40" (1016.0 mm)	7.5 lbs. (3.40 kg)
64311	3	No. 6 - 0.750" (19.050 mm) Dia.	Single 65°	40" (1016.0 mm)	8.0 lbs. (3.63 kg)
64312	4	No. 7 - 0.875" (22.225 mm) Dia., No. 8 - 1.000" (25.400 mm) Dia., and No. 9 - 1.128" (28.651 mm) Dia.	Single 65°	60" (1524.0 mm)	16.4 lbs. (7.44 kg)

**Grizzly™ Bar**

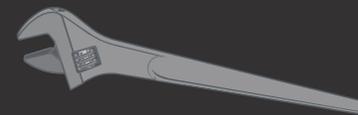


64306

- A heavy, strong, multi-purpose tool that saves time and effort on the job
- The 3" (76.2 mm) width protects concrete when stripping forms
- Efficient blade angle and 55-1/2" (1409.7 mm) total length provide high leverage as a crow bar, as well as a nail and spike puller
- Blade is forged and hardened alloy with keyhole nail-pulling slot in center and "V" notch in tapered edge
- Can be used to help align walls during tilt-up construction, to roll and align large pipe, to remove shingles and flooring, and for many other stripping and prying tasks

Cat. No.	Overall Length	Weight
64306	55-1/2" (1409.7 mm)	12.0 lbs. (5.44 kg)

**⚠WARNING:** Always wear approved personal protective equipment.



## Construction Bars

### Hex and Round Bars



- 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 greater leverage
- Cat. No. 3246TT features tether hole for working at height



Hex Bars				
Cat. No.	Diameter	Length	End	Weight
3242	3/4" (19.1 mm)	30" (762.0 mm)	15°	3.5 lbs. (1.59 kg)
3243	7/8" (22.2 mm)	36" (914.4 mm)	15°	6.0 lbs. (2.72 kg)
3244	3/4" (19.1 mm)	24" (609.6 mm)	15°	2.5 lbs. (1.13 kg)
3240	3/4" (19.1 mm)	30" (762.0 mm)	Straight	3.8 lbs. (1.72 kg)

Round Bars				
Cat. No.	Diameter	Length	End	Weight
3245	3/4" (19.1 mm)	30" (762.0 mm)	15°	3.3 lbs. (1.50 kg)
3246	7/8" (22.2 mm)	36" (914.4 mm)	15°	5.5 lbs. (2.49 kg)
3246TT <b>NEW!</b>	7/8" (22.2 mm)	36" (914.4 mm)	15°	5.3 lbs. (2.40 kg)
3247	3/4" (19.1 mm)	24" (609.6 mm)	15°	2.5 lbs. (1.13 kg)
3248	7/8" (22.2 mm)	30" (762.0 mm)	15°	4.3 lbs. (1.95 kg)
3241	3/4" (19.1 mm)	30" (762.0 mm)	Straight	3.2 lbs. (1.45 kg)

### Gooseneck Bar

- 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 45° angle to give even greater leverage



Cat. No.	Diameter	Length	Weight
GN3243	7/8" (22.2 mm)	29-1/4" (743.0 mm)	4.0 lbs. (1.81 kg)

### Connecting Bar Holder with Lock Collar

- Lock Collar fits Klein® 7/8" (22 mm) connecting Bars (Cat. Nos. 3246, 3246TT, and 3248)
- Leather steel construction
- Tunnel loop allows for weight distribution on belt
- Fits belts up to 3-1/2" (89 mm) wide
- Replacement lock collar (Cat. No. 5459C) included; also available separately



Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
5459SLVR	Tunnel	Up to 3-1/2" (88.9 mm)	3" x 6-3/4" (76.2 mm x 171.5 mm)	3.2 oz. (91 g)

**WARNING:** Lock collar should ONLY be used on Klein 7/8" connecting bars and must be installed on connecting bar before using holder.

### Barrel-Type Drift Pins



- Machined from quality alloy steel
- Tapers are uniform and blend into body diameter
- Tough, drop-forged steel will properly end-pein in use
- Heat-treated for strength
- Black finish for rust resistance

Cat. No.	Maximum Diameter	Point Diameter	Overall Length	Weight
3260	11/16" (17.5 mm)	0.313" (7.9 mm)	7-1/2" (190.5 mm)	9.6 oz. (272 g)
3261	13/16" (20.6 mm)	7/16" (11.1 mm)	8" (203.2 mm)	13.6 oz. (386 g)
3262	15/16" (23.8 mm)	0.500" (12.70 mm)	8" (203.2 mm)	17.6 oz. (499 g)
3263	1-1/16" (27.0 mm)	9/16" (14.3 mm)	8" (203.2 mm)	24.0 oz. (680 g)

See page 310 for additional information on warnings.



**WARNING:** Always wear approved personal protective equipment.

**Work @ Height Tools**



**Why is it important?**

In private industry, falling objects accounted for 10% of worker fatalities in 2013 and are the third leading cause of disabling workplace injuries. In 2012, falling objects caused 18% of contractor deaths, a 7% increase from 2011.

OSHA ranks being "struck by objects" as the third leading cause of disabling workplace injuries.

Klein Tools' growing line of tethers and tools for Work@Height are designed to protect workers on the job site as well as their tools.



**Tool Tether**

- Keep your tools close at hand when working at height
- Cat. No. TT2 has triple-locking carabiner for additional security

**NEW!**



Cat. No.	Max. Load Capacity	Relaxed Length	Stretched Length	Weight
TT1	10 lbs. (4.5 kg)	32" (812.8 mm)	60" (1524.0 mm)	3.5 oz. (99 g)
TT2 <b>NEW!</b>	15 lbs. (6.8 kg)	32" (812.8 mm)	51" (1295.4 mm)	1.6 oz. (45 g)

**⚠ WARNINGS:**

- Inspect for wear before each use.
- Do not use for human support.
- Never connect over 5 lbs. (2.3 kg) to a person.
- Do not use around moving or rotating equipment.

**⚠ WARNINGS:**

- Tethers extend to anywhere from 3.5' to 5' (1.3 m to 1.5 m). Rig to avoid contact with objects below.
- Always ensure cinch remains snug while in use.
- Always attach carabiner end to anchor point.
- Do not attach tether back onto itself.
- Do not tie knots in tether.



**Bull Pins**

**Broad Head Bull Pin**



- Forged, heat-treated bull pin increases efficiency by providing a larger striking surface
- 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
- Added resistance to "mushrooming" permits much longer use than conventional designs and the even taper reduces binding and hang-up
- Cat. Nos. 3256TT and 3255TT feature tether hole for working at height

Cat. No.	Top Diameter	Point Diameter	Length	Weight
3255	1-1/4" (31.8 mm)	0.313" (7.9 mm)	13-3/4" (349.3 mm)	2.9 lbs. (1.32 kg)
3256	1-1/16" (27.0 mm)	1/4" (6.4 mm)	10" (254.0 mm)	1.6 lbs. (0.73 kg)
Broad Head Bull Pins with Tether Hole				
3255TT	1-1/4" (31.8 mm)	0.313" (7.9 mm)	13-3/4" (349.3 mm)	2.8 lbs. (1.27 kg)
3256TT	1-1/16" (27.0 mm)	1/4" (6.4 mm)	10" (254.0 mm)	1.5 lbs. (0.68 kg)

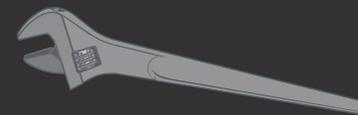
**Standard Bull Pins**



- Machined from quality alloy steel
- Heat-treated for strength, black finish for rust resistance (except Cat. No. 3259TTS)
- Cat. No. 3259TTS has stainless steel finish

Cat. No.	Top Diameter	Point Diameter	Length	Weight
3251	1-1/16" (27.0 mm)	0.375" (9.5 mm)	15" (381.0 mm)	2.5 lbs. (1.13 kg)
3252	1-3/16" (30.2 mm)	7/16" (11.1 mm)	15" (381.0 mm)	3.1 lbs. (1.41 kg)
3257	1-1/16" (27.0 mm)	0.375" (9.5 mm)	12" (304.8 mm)	1.7 lbs. (0.77 kg)
3258	1-3/16" (30.2 mm)	7/16" (11.1 mm)	12" (304.8 mm)	2.1 lbs. (0.95 kg)
3259	1-5/16" (33.3 mm)	7/16" (11.1 mm)	12" (304.8 mm)	2.5 lbs. (1.13 kg)
3265	1-1/4" (31.8 mm)	7/16" (11.1 mm)	12" (304.8 mm)	2.5 lbs. (1.13 kg)
Broad Head Bull Pins with Tether Hole				
3259TT	1-5/16" (33.3 mm)	7/16" (11.1 mm)	12" (304.8 mm)	2.5 lbs. (1.13 kg)
3259TTS	1-5/16" (33.3 mm)	7/16" (11.1 mm)	12" (304.8 mm)	2.5 lbs. (1.13 kg)





## Construction Wrenches

### Adjustable-Head Construction Wrenches

- Eliminates the need for carrying several fixed-size wrenches
- Forged from select alloy steel with continuous taper handle for aligning bolt and/or rivet holes
- Industrial black finish for corrosion resistance
- Includes lanyard hole for easy tool tethering



3239

Cat. No.	Max. Size Capacity	Overall Length	Weight
3227	1-5/16" (33.3 mm)	11" (279.4 mm)	1.2 lbs. (0.54 kg)
3239	1-1/2" (38.1 mm)	16" (406.4 mm)	2.4 lbs. (1.09 kg)

### 1/2"-Drive Ratcheting Construction Wrench

- Accepts 1/2" (12.7 mm) 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 and/or rivet holes
- Industrial black finish for corrosion resistance



3238

Cat. No.	Overall Length	Weight
3238	15" (381.0 mm)	2.1 lbs. (0.95 kg)

### 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-hole sizes without binding
- Extra-large hub area works on larger diameter holes better than other wrenches
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification
- American Bridge design
- Cat. Nos. 3212TT, 3213TT, and 3214TT feature tether hole for working at height



3231

3214TT

Cat. No.	Nut Type	Bolt Size	Nominal Opening	Head Width	Taper Diameter	Overall Length	Weight
3210	U.S. Heavy	1/2" (12.7 mm)	7/8" (22.2 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.4 lbs. (0.64 kg)
3211	U.S. Heavy	5/8" (15.9 mm)	1-1/16" (27.0 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.3 lbs. (0.59 kg)
3212	U.S. Heavy	3/4" (19.1 mm)	1-1/4" (31.8 mm)	2-1/2" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	16-5/8" (422.3 mm)	2.0 lbs. (0.91 kg)
3213	U.S. Heavy	7/8" (22.2 mm)	1-7/16" (36.5 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	17-3/8" (441.3 mm)	2.7 lbs. (1.22 kg)
3214	U.S. Heavy	1" (25.4 mm)	1-5/8" (41.3 mm)	3-5/8" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	18" (457.2 mm)	3.4 lbs. (1.54 kg)
3219	U.S. Regular	1/2" (12.7 mm)	3/4" (19.1 mm)	2-1/4" (57.2 mm)	7/8" x 1/2" (22.2 to 12.7 mm)	14-3/4" (374.7 mm)	1.4 lbs. (0.64 kg)
3220	U.S. Regular	1/2" (12.7 mm)	13/16" (20.6 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.4 lbs. (0.64 kg)
3221	U.S. Regular	5/8" (15.9 mm)	1" (25.4 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.3 lbs. (0.59 kg)
3222	U.S. Regular	3/4" (19.1 mm)	1-1/8" (28.6 mm)	2-1/2" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	16-5/8" (422.3 mm)	2.0 lbs. (0.91 kg)
3223	U.S. Regular	7/8" (22.2 mm)	1-5/16" (33.3 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	17-3/8" (441.3 mm)	2.9 lbs. (1.32 kg)
3224	U.S. Regular	1" (25.4 mm)	1-1/2" (38.1 mm)	3-5/8" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	18" (457.2 mm)	3.4 lbs. (1.54 kg)
3231	Utility	5/8" (15.9 mm)	15/16" (23.8 mm)	2-1/4" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	14-3/4" (374.7 mm)	1.3 lbs. (0.59 kg)
3232	Utility	3/4" (19.1 mm)	1-1/16" (27.0 mm)	2-1/2" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	16-5/8" (422.3 mm)	2.0 lbs. (0.91 kg)

#### Erection Wrenches with Tether Hole

3212TT	<b>NEW!</b> U.S. Heavy	3/4" (19.1 mm)	1-1/4" (31.8 mm)	2-1/2" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	16-5/8" (422.3 mm)	2.0 lbs. (0.91 kg)
3213TT	<b>NEW!</b> U.S. Heavy	7/8" (22.2 mm)	1-7/16" (36.5 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	17-3/8" (441.3 mm)	2.7 lbs. (1.22 kg)
3214TT	<b>NEW!</b> U.S. Heavy	1" (25.4 mm)	1-5/8" (41.3 mm)	3-5/8" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	18" (457.2 mm)	3.4 lbs. (1.54 kg)

See page 310 for additional information on warnings.



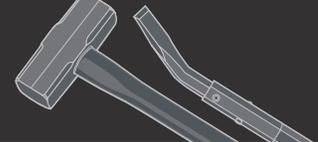
**WARNING:** Always wear approved personal protective equipment.

# Mining & Heavy Industry Tools

The Mumme Products' range of forged hand tools are produced to the highest possible standards for use in the mining and heavy construction industries. With top quality materials and safety as a priority, we design and manufacture superior products available worldwide.



For Professionals...  
Since 1857™



## Bars – Construction

### Crowbars - (St. Angelo Bars) Hexagon and Round



- Used for digging holes and breaking clay, rock and concrete
- Forged from tough high-tensile carbon manganese steel
- Ground and sharpened to a diamond point for easier digging and breaking concrete
- Long tapered blade also for easier digging
- Both ends heat treated for increased performance and strength
- Hexagon bar profile for greater control
- Round bar profile is easier on hands
- Anti-corrosive primer with enamel finish
- Precision heat treated to best suit product application

Hexagonal Bars				
Cat. No.	Blade Width	Diameter	Length	Weight
5CB150025	2" (50.8 mm)	1" (25.4 mm)	59" (1498.6 mm)	13.5 lbs. (6.12 kg)
5CB150030	2" (50.8 mm)	1-3/16" (30.2 mm)	59" (1498.6 mm)	19.0 lbs. (8.62 kg)
5CB165025	2" (50.8 mm)	1" (25.4 mm)	65" (1651.0 mm)	14.8 lbs. (6.71 kg)
5CB165030	2" (50.8 mm)	1-3/16" (30.2 mm)	65" (1651.0 mm)	20.9 lbs. (9.48 kg)
5CB180025	2" (50.8 mm)	1" (25.4 mm)	71" (1803.4 mm)	16.2 lbs. (7.35 kg)
5CB180030	2" (50.8 mm)	1-3/16" (30.2 mm)	71" (1803.4 mm)	23.0 lbs. (10.43 kg)



Round Bars				
Cat. No.	Blade Width	Diameter	Length	Weight
5CBR180022	1-1/2" (38.1 mm)	7/8" (22.2 mm)	71" (1803.4 mm)	12.0 lbs. (5.44 kg)
5CBR180025	2" (50.8 mm)	1-1/16" (27.0 mm)	71" (1803.4 mm)	17.1 lbs. (7.76 kg)
5CBR180030	2" (50.8 mm)	1-3/16" (30.2 mm)	71" (1803.4 mm)	21.4 lbs. (9.71 kg)

### Gooseneck Bar-Hexagon



- Used for levering and moving objects into place with a lift and swivel motion
- Forged from tough high-tensile carbon manganese steel
- Diamond point and gooseneck ends for flexibility of use
- Gooseneck set for improved leverage
- Hexagon bar profile for greater control
- Precision heat treated to best suit product application



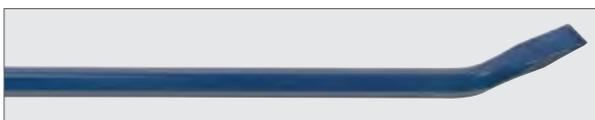
Cat. No.	Hex Diameter	Length	Weight
5GNB180030	1-3/16" (30.2 mm)	71" (1803.4 mm)	24.7 lbs. (11.20kg)

For more Gooseneck Bars see Steel Construction section.

### Slate Bars-Hexagon (Pinch Bars)



- Used for levering and moving objects into place with a lift and swivel motion
- Forged from high-tensile carbon manganese steel for maximum strength
- Heel offset to 40° angle for optimum lifting
- Hexagon bar profile gives greater control and reduces bar roll
- Heat-treated blade ends for maximum toughness
- Precision heat treated to best suit product application



Cat. No.	Hex Diameter	Length	Weight
5PB150025	1" (25.4 mm)	59" (1498.6 mm)	13.6 lbs. (6.17 kg)
5PB150030	1-3/16" (30.2 mm)	59" (1498.6 mm)	19.6 lbs. (8.89 kg)
5PB165025	1" (25.4 mm)	65" (1651.0 mm)	15.0 lbs. (6.80 kg)
5PB165030	1-3/16" (30.2 mm)	65" (1651.0 mm)	21.9 lbs. (9.983 kg)
5PB180025	1" (25.4 mm)	71" (1803.4 mm)	16.8 lbs. (7.62 kg)
5PB180030	1-3/16" (30.2 mm)	71" (1803.4 mm)	24.3 lbs. (11.0 2kg)

Cat. No.	Hex Diameter	Length	Weight
5PB45016	5/8" (15.9 mm)	18" (457.2 mm)	1.6 lbs. (0.73 kg)
5PB60020	25/32" (19.8 mm)	24" (609.6 mm)	3.4 lbs. (1.54 kg)
5PB60025	1" (25.4 mm)	24" (609.6 mm)	5.3 lbs. (2.40 kg)
5PB75025	1" (25.4 mm)	30" (762.0 mm)	6.7 lbs. (3.04 kg)
5PB90025	1" (25.4 mm)	36" (914.4 mm)	8.0 lbs. (3.63 kg)

For more Connecting Bars Steel see Steel Construction section.

See page 310 for additional information on warnings.



## Bars – Mining

### Scaling Bars - Tubular Aluminum (Aluminium) - Round and Hexagon



7SCTH1800

- Used in the mining industry for prying overhanging rock
- Aluminium tube body for light weight and less user fatigue
- Inserted steel ends forged from tough carbon manganese steel
- Heel offset to 40° angle for optimum levering
- Precision heat treated to best suit product application
- Round bar profile is easier on hands
- Hexagon bar profile for greater control

#### Round Bars



Cat. No.	Diameter	Length	Weight
7SCT1800	1-1/4" (31.8 mm)	71" (1803.4 mm)	6.4 lbs. (2.90 kg)
7SCT3660	1-1/4" (31.8 mm)	144" (3657.6 mm)	9.3 lbs. (4.22 kg)
7SCT4320	1-1/4" (31.8 mm)	170" (4318.0 mm)	10.2 lbs. (4.63 kg)

#### Hexagonal Bars



Cat. No.	Diameter	Length	Weight
7SCTH1800	1-1/4" (31.8 mm)	71" (1803.4 mm)	6.5 lbs. (2.95 kg)
7SCTH2400	1-1/4" (31.8 mm)	94-1/2" (2400.3 mm)	7.5 lbs. (3.40 kg)

### Scaling Bars-Chrome Alloy Steel-Hexagon



7SC150019

- Used in the mining industry for prying overhanging rock
- Forged from chrome alloy steel
- Heat-treated blades for maximum toughness
- Hex profile for good control
- Heel offset to 40° angle for optimum levering
- Precision heat treated to best suit product application



Cat. No.	Hex Diameter	Length	Weight
7SC120019	25/32"	47" (1193.8 mm)	6.9 lbs. (3.13 kg)
7SC150019	25/32"	59" (1498.6 mm)	8.6 lbs. (3.90 kg)
7SC180019	25/32"	71" (1803.4 mm)	10.3 lbs. (4.67 kg)
7SC210019	25/32"	83" (2108.2 mm)	12.0 lbs. (5.44 kg)
7SC240019	25/32"	94-1/2" (2400.3 mm)	13.8 lbs. (1.7 kg)

## Chisels & Punches

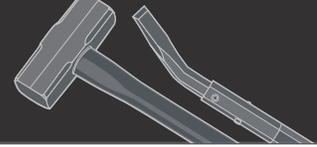
### Cold Chisels-Alloy Cross Cut

- Used for removing oil seals
- Also used for cutting in corners and difficult or confined areas
- Forged from chrome alloy steel to give a harder blade with great resilience
- Precision hardened and tempered so blade will not shatter when struck hard
- Accurately ground to the optimum angle for cutting



7CHC15013

Cat. No.	Blade Width	Overall Length	Weight
7CHC15013	1/4" (6.4 mm)	6" (152.4 mm)	4.2 oz. (119 g)
7CHC17516	5/16" (7.9 mm)	7" (177.8 mm)	8.0 oz. (227 g)
7CHC20020	3/8" (9.5 mm)	8" (203.2 mm)	8.8 oz. (249 g)



## Chisels & Punches

### Brass Punches

- Used where a softer punch is needed, e.g. where damage may occur from using a hardened punch
- Selected brass, correct composition for punch use
- Knurled handle for gripping easily
- Chamfered head for safety

Cat. No.	Diameter	Overall Length	Weight
4BP10	3/8" (9.5 mm)	6" (152.4 mm)	3.5 oz. (99 g)
4BP12	1/2" (12.7 mm)	7" (177.8 mm)	4.8 oz. (136 g)
4BP16	5/8" (15.9 mm)	7" (177.8 mm)	10.6 oz. (301 g)
4BP19	3/4" (19.1 mm)	8" (203.2 mm)	17.6 oz. (499 g)
7BP29219	3/4" (19.1 mm)	11-1/2" (292.1 mm)	1.5 lbs. (0.68 kg)
7BP29225	1" (25.4 mm)	11-1/2" (292.1 mm)	2.8 lbs. (1.27 kg)
7BP29232	1-1/4" (31.8 mm)	11-1/2" (292.1 mm)	4.3 lbs. (1.95 kg)



4BP16

Cat. No.	Set Contains	Weight
4BPSET5		4.4 lbs. (2.00 kg)
Cat. No.	Diameter	Overall Length
4BP10	3/8" (9.5 mm)	6" (152.4 mm)
4BP12	1/2" (12.7 mm)	7" (177.8 mm)
4BP16	5/8" (15.9 mm)	7" (177.8 mm)
4BP19	3/4" (19.1 mm)	8" (203.2 mm)
4BP25	1" (25.4 mm)	8" (203.2 mm)

### Pin Punches

- Used for driving out and removing pins and keys
- Tough and resilient shaft made from quality tool steel
- Heat treated for durability and strength
- Soft head for safety; will mushroom, not chip
- Knurled handle for gripping easily



4PPL06.5

Cat. No.	Diameter	Overall Length	Weight
4PPL02.5	3/32" (2.4 mm)	2-5/32" (54.8 mm)	0.13 lbs. (0.06 kg)
4PPL03	7/64" (2.8 mm)	2-5/32" (54.8 mm)	0.13 lbs. (0.06 kg)
4PPL04	5/32" (4.0 mm)	2-23/64" (59.9 mm)	0.13 lbs. (0.06 kg)
4PPL05	3/16" (4.8 mm)	2-35/64" (64.7 mm)	0.15 lbs. (0.07 kg)
4PPL06	15/64" (6.0 mm)	2-35/64" (64.7 mm)	0.15 lbs. (0.07 kg)
4PPL06.5	1/4" (6.4 mm)	2-35/64" (64.7 mm)	0.17 lbs. (0.08 kg)
4PPL08	5/16" (7.9 mm)	2-3/4" (69.9 mm)	0.24 lbs. (0.11 kg)
4PPL10	25/64" (9.9 mm)	2-3/4" (69.9 mm)	0.35 lbs. (0.16 kg)

Cat. No.	Set Contains	Weight
4PPLSET8		
Cat. No.	Diameter	Overall Length
4PPL02.5	3/32" (2.4 mm)	2-5/32" (54.8 mm)
4PPL03	7/64" (2.8 mm)	2-5/32" (54.8 mm)
4PPL04	5/32" (4.0 mm)	2-23/64" (59.9 mm)
4PPL05	3/16" (4.8 mm)	2-35/64" (64.7 mm)
4PPL06	15/64" (6.0 mm)	2-35/64" (64.7 mm)
4PPL06.5	1/4" (6.4 mm)	2-35/64" (64.7 mm)
4PPL08	5/16" (7.9 mm)	2-3/4" (69.9 mm)
4PPL10	25/64" (9.9 mm)	2-3/4" (69.9 mm)

## Construction Tools

### Starter Drift

- Used for aligning holes in heavy construction
- Forged from tough high-tensile carbon manganese steel
- Designed for driving with hammer
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Will not score edge when driven hard
- Hex profile for increased control
- Correctly heat treated to best suit product application



5SDL45025

Cat. No.	Point Diameter	Diameter	Overall Length	Weight
5SDL45025	0.500 (12.70 mm)	1-3/32" (27.8 mm)	18" (457.2 mm)	3.48 lbs. (1.58 kg)

## Construction Tools

### Barrel Drifts

- Used for aligning holes in construction
- Also used for expanding holes in mild steel
- Forged from tough high-tensile steel
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Will not score edge when driven hard
- Precision heat treated to best suit product application



5BD24

Cat. No.	Point Diameter	Diameter	Overall Length	Weight
5BD19	23/64" (9.1 mm)	3/4" (19.1 mm)	6-9/32" (159.5 mm)	0.61 lbs. (0.28 kg)
5BD20	3/8" (9.5 mm)	25/32" (19.8 mm)	7-5/64" (179.8 mm)	0.77 lbs. (0.35 kg)
5BD30	0.578" (14.7 mm)	1-3/16" (30.2 mm)	7-7/8" (200.0 mm)	1.8 lbs. (0.82 kg)
5BD33	0.156" (3.97 mm)	1-19/64" (32.9 mm)	7-7/8" (200.0 mm)	2.3 lbs. (1.04 kg)

### Podger Pins (Broad Head Bull Pins)

- Used for aligning holes and expanding holes in mild steel
- Forged from tough high-tensile carbon manganese steel
- Forged, not turned, long tapered point for ease of aligning
- For added safety, forged head prevents pin being driven right through hole and falling
- Hex shaft allows spanner to be used to assist removal
- Can be carried on belt
- Precision heat treated to best suit product application



5POP25

Cat. No.	Diameter Across Hexagon Points	Hexagon Shaft Diameter	Overall Length	Weight
5POP25	1-3/32" (27.8 mm)	1"	16" (406.4 mm)	3.3 lbs. (1.50 kg)
5POP30	1-5/16"	1-3/16"	16" (406.4 mm)	4.5 lbs. (2.04 kg)

For more Barrel and Bull Pins see Steel Construction section.

### Fox Wedge-Stainless Steel

- Used for splitting mating surfaces and for packing machinery and structures before fixing
- Also used in the marine environment because of its corrosion-resistant properties
- Forged from stainless steel for greater hardness and non-magnetic properties
- Ground blade with fine edge for easy entry
- Precision heat treated to best suit product application



7FWSS10025

Cat. No.	Width	Thickness	Material	Overall Length	Weight
5FW07538	1-1/2" (38.1 mm)	1/2" (12.7 mm)	Steel	3" (76.2 mm)	0.35 lbs. (0.16 kg)
5FW10025	1" (25.4 mm)	5/16" (7.9 mm)	Steel	4" (101.6 mm)	0.22 lbs. (0.10 kg)
5FW17550	2" (50.8 mm)	1/2" (12.7 mm)	Steel	7" (177.8 mm)	1.01 lbs. (0.46 kg)
7FW27050	2" (50.8 mm)	1" (25.4 mm)	Steel	11" (279.4 mm)	4.0 lbs. (1.81 kg)
7FWSS10025	1" (25.4 mm)	5/16" (7.9 mm)	Stainless Steel	4" (101.6 mm)	3.5 oz. (99 g)

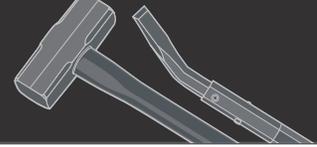
### Pry Bar



5PRBP45016

- Used for prying, separating flanges and aligning holes
- Forged from tough high-tensile carbon manganese steel
- Thin, finely ground curved chisel end for ease of entry between surfaces
- Forged, not turned, long tapered point for maximum strength
- Hexagon profile for greater control
- Precision heat treated to best suit product application

Cat. No.	Chisel Width	Hex Diameter	Overall Length	Weight
5PRBP45016	25/32" (19.8 mm)	5/8"	18" (457.2 mm)	1.7 lbs. (0.77 kg)



## Construction Tools

### Spoon Bar - Round



5SB75022

- Used for levering, prying between surfaces and aligning holes
- Forged from resilient 4140 steel
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Thin spoon blade ends provide easy access between surfaces and a gentle rolling lift
- Correctly heat treated to best suit product application
- Spoon end is at 40° angle

Cat. No.	Point Diameter	Body Diameter	Overall Length	Weight
5SB75022	1/4" (6.4 mm)	7/8" (22.2 mm)	30" (762.0 mm)	4.40 lbs. (2.00 kg)

### Podger Bars - Hexagon



5POB37520

- Used for levering and aligning
- Forged from tough high-tensile carbon manganese steel
- Heel set to 40° angle for optimum levering; blade ground to 30° angle for easy entry between surfaces
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Hexagon profile for greater control and to minimize bar roll
- Precision heat treated to best suit product application

Cat. No.	Point Diameter	Hex Diameter	Overall Length	Weight
5POB37516	0.313" (7.9 mm)	5/8"	15" (381.0 mm)	1.2 lbs. (0.54 kg)
5POB37520	0.375" (9.5 mm)	25/32"	15" (381.0 mm)	1.8 lbs. (0.82 kg)
5POB45016	0.313" (7.9 mm)	5/8"	18" (457.2 mm)	1.5 lbs. (0.68 kg)
5POB45020	0.375" (9.5 mm)	25/32"	18" (457.2 mm)	2.3 lbs. (1.04 kg)
5POB60020	0.375" (9.5 mm)	25/32"	24" (609.6 mm)	3.2 lbs. (1.45 kg)
5POB90020	0.375" (9.5 mm)	25/32"	36" (914.4 mm)	4.9 lbs. (2.22 kg)

### Star Dropper Hammer



5SDSH

- Used for driving in star (fencing) droppers
- Also used to drive in marker pegs, stakes and concreting stakes
- Heavy unit drives droppers very quickly and efficiently
- Solid steel handles and slug are welded together, which gives greater strength

Cat. No.	Internal Diameter	Overall Length	Weight
5SDSH	2-1/8" (54.0 mm)	33-55/64" (860.0 mm)	19.1 lbs. (8.66 kg)

## Construction Tools

### Star Dropper Remover

- Used for removing star droppers (also called star pickets or fencing droppers)
- Also used for removing selected pipes and steel pegs
- Gripper made from high-tensile steel for durability and long life
- Gripper bites efficiently into dropper for easy extraction
- Long handle for excellent leverage

Cat. No.	Handle Length	Slot Opening	Overall Height	Weight
5SDR	36" (914.4 mm)	1-21/64" x 2" (33.7 x 50.8 mm)	32" (812.8 mm)	17.8 lbs. (8.07 kg)



5SDR

## Hammers

### Drill Hammer - Wooden Handle



5HDRH20

- Used for mining and confined environments
- Also ideal for close work with enough head weight for effective hammering
- Head forged from high-tensile carbon manganese steel, with hardened and tempered face and claw
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort
- Handle is fitted to head with a glued wooden and steel wedge assembly
- Precision heat treated to best suit product application
- This product must be maintained in accordance with Australian standard AS 3797:1991

Cat. No.	Head Weight	Overall Length	Weight
5HDRH2.0	4.4 lbs. (2.00 kg)	16" (406.4 mm)	4.6 lbs. (2.09 kg)

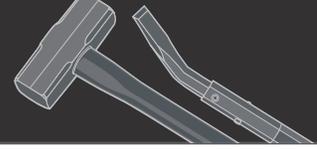
### Mason's Club Hammer-Wooden Handle



5HCMH135

- Great all-around club hammer for general striking applications
- Forged from tough high-tensile carbon manganese steel, with hardened and tempered face and claw
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort
- Ideal for work in confined spaces
- Handle is fitted to head with a glued wooden and steel wedge assembly
- Precision heat treated to best suit product application
- This product must be maintained in accordance with Australian standard AS 3797:1991

Cat. No.	Head Weight	Overall Length	Weight
5HCMH1.35	3.0 lbs. (1.36 kg)	10" (254.0 mm)	3.5 lbs. (1.59 kg)



## Hammers

### Brass Sledge Hammers-Fiberglass Rubber Grip Handle



- Used in non-sparking environments or to avoid damage to struck objects
- Head forged from brass for softer, non-damaging blow
- Head is pinned to handle as well as epoxied to prevent head coming off
- Comfortable, thick rubber grip handle for increased protection from shock and vibration
- Handle includes both overstrike protection and large sweep at base to prevent loss of grip
- This product must be maintained in accordance with Australian standard AS 3797:1991

7HBRFRH14

Cat. No.	Head Weight	Overall Length	Weight
7HBRFRH04	4.0 lbs. (1.81 kg)	16" (406.4 mm)	4.9 lbs. (2.22 kg)
7HBRFRH07	7.0 lbs. (3.18 kg)	32" (812.8 mm)	9.9 lbs. (4.49 kg)
7HBRFRH10	10 lbs. (4.54 kg)	36" (914.4 mm)	12.2 lbs. (5.53 kg)
7HBRFRH14	14.0 lbs. (6.35 kg)	36" (914.4 mm)	16.8 lbs. (7.62 kg)

### Chipping Hammer - Rubber Grip

- Used for chipping off slag and spatter around welds
- Also used as geologists' or miners' tool
- Head forged from chrome alloy steel and hardened and tempered for maximum toughness
- Ground and sharpened vertical chisel and diamond point
- Excellent balance with hardened ends that do not flatten when chipping
- Precision heat treated to best suit product application



5WHRG

Cat. No.	Head Length	Overall Length	Weight
5WHRG	6-11/16" (169.9 mm)	10-15/64" (260.0 mm)	1.1 lbs. (0.50 kg)

## Safety Punches & Tyre (Tire) Levers

### Wire Rope Punches

- Used to safely drive out pins and keys in machinery
- Long, two-handed rubber handle to lessen shocks from blows
- Head attached with wire rope to reduce shock
- Urethane ring around head to reduce likelihood of chipping
- Heat-treated punch, so it will not shatter



Cat. No.	Diameter	Shaft Length	Weight
7WRP13	1/2" (12.7 mm)	4-3/4" (120.7 mm)	3.0 lbs. (1.36 kg)
7WRP16	5/8" (15.9 mm)	4-3/4" (120.7 mm)	3.2 lbs. (1.45 kg)
7WRP19	3/4" (19.1 mm)	4-3/4" (120.7 mm)	3.6 lbs. (1.63 kg)
7WRP22	7/8" (22.2 mm)	4-3/4" (120.7 mm)	4.4 lbs. (2.00 kg)
7WRP25	1" (25.4 mm)	4-3/4" (120.7 mm)	4.6 lbs. (2.09 kg)
7WRP32	1-1/4" (31.8 mm)	4-3/4" (120.7 mm)	5.3 lbs. (2.40 kg)

7WRP22

## Warning Symbols

	Safety alert symbol: Indicates a hazard.		Do NOT use to pry.		It is important that users of these products read, understand, and follow all instructions, cautions, and warnings that are attached to and/or packed with the product.
	Always ensure that you and the persons in the vicinity wear approved eye protection.		Do NOT use to chisel.		Strong magnetic field.
	NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.		Do NOT extend handle length.		Wear approved hand protection.
	Never use on or near live electrical circuits.		Do NOT use to push or hammer.		Use a safe work position to avoid loss of balance.

**WARNING:** Cancer and reproductive harm – See [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov) for more information.

### Test and Measurement

**⚠️ WARNINGS:**

- To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.
- Before each use, verify meter operation by measuring a known voltage or current.
- Never use a meter on a circuit with voltages that exceed the category based rating of the meter.
- Do not use the meter during electrical storms or in wet weather.
- Do not use the meter or test leads if they appear to be damaged.
- Ensure meter leads are fully seated, and keep fingers away from the metal probe contacts when making measurements.
- Never assume neutral or ground wires are de-energized. Neutrals in multi-wire branch circuits may be energized when disconnected and must be retested before handling.
- Do not open the meter to replace batteries while the probes are connected.
- Use caution when working with voltages above 60V DC, or 25V AC RMS. Such voltages pose a shock hazard.
- To avoid false readings that can lead to electrical shock, replace batteries if a low battery indicator appears.
- Unless measuring voltage or current, shut off and lock out power before measuring resistance or capacitance.
- Always adhere to local and national safety codes. Use individual protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.

### Non-Contact Voltage Tester (Additional Warnings)

**⚠️ WARNINGS:**

- Use caution with voltages above 30V AC as a shock hazard may exist.
- A single blinking LED or a steady glowing LED and an audible beep indicate voltage present. If no indication, voltage could still be present.
- Before and after each use, verify operation by testing a known working circuit that is within the rating of this unit.
- The tester **WILL NOT** detect voltage if:
  - The wire is shielded.
  - The operator is not grounded or is otherwise isolated from an effective earth ground.
  - The voltage is DC.
- The tester **MAY NOT** detect voltage if:
  - The user is not holding the tester.
  - The user is insulated from the tester with a glove or other materials.
  - The wire is partially buried or in a grounded metal conduit.
  - The tester is at a distance from the voltage source.
  - The field created by the voltage source is being blocked, dampened, or otherwise interfered with.
  - The frequency of the voltage is not a perfect sine wave between 50 and 500Hz.
  - The tester is outside of operation conditions (listed in Specifications section).
- Operation may be affected by differences in socket design and insulation thickness and type.
- In bright light conditions, the LED visual indicators will be less visible.
- Do not use if "power on" LED is not illuminated.
- Do not use if tester appears damaged or is not operating properly. If in doubt, replace the tester.
- Do not apply more than the rated voltage as marked on the tester (1000V).
- Detection above 12V is specified under "normal" conditions as specified below. The tester may detect at a different threshold at different conditions, or may not detect at all unless:
  - The tip of the tester is within 0.25" of an AC voltage source radiating unimpeded.
  - The user is holding the body of the tester with his or her bare hand.
  - The user is standing on or connected to earth ground.
  - The air humidity is nominal (50% relative humidity – non-condensing).
  - The tester is held still.
- Always wear approved eye protection.
- Comply with local and national safety requirements.
- If this product is used in a manner not specified by the manufacturer, protection provided by the product may be affected.
- Do not attempt to repair this tester. It contains no serviceable parts.
- Do not expose the product to extremes in temperature or high humidity.

### Insulated Tools



**⚠️ WARNING:** Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.

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**⚠️ WARNING:** Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

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**⚠️ WARNING:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

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**⚠️ WARNING:** Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

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**⚠️ WARNING:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

### Infrared Thermometer

**⚠️ CAUTION:** Reflective materials may be hotter than indicated. Laser radiation-do NOT stare into beam. Class 2 laser product.

### Wire Pulling Grips

**⚠️ WARNING:** Grips are to be used for temporary installation, not for permanent anchorage.

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**⚠️ WARNING:** When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

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**⚠️ WARNING:** Do not exceed rated capacity.

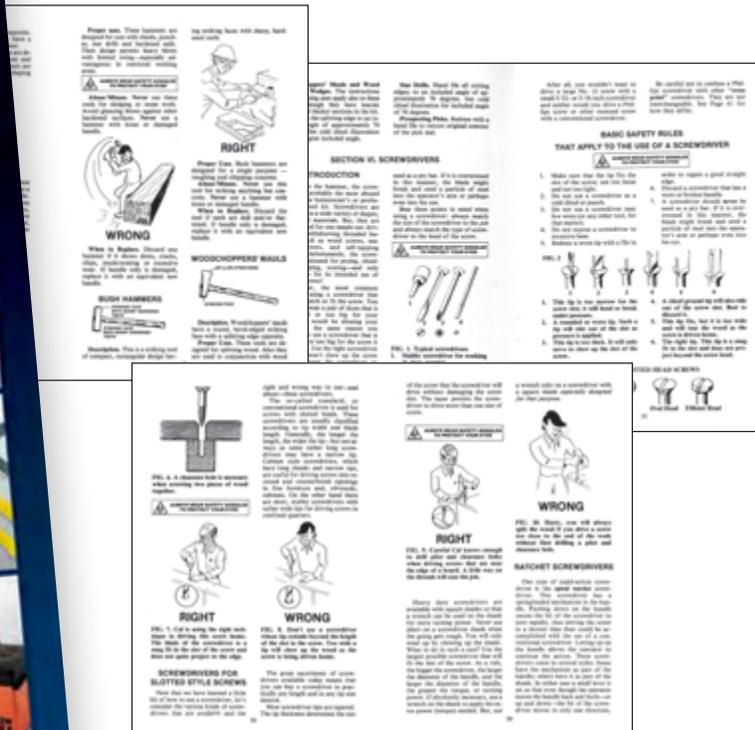
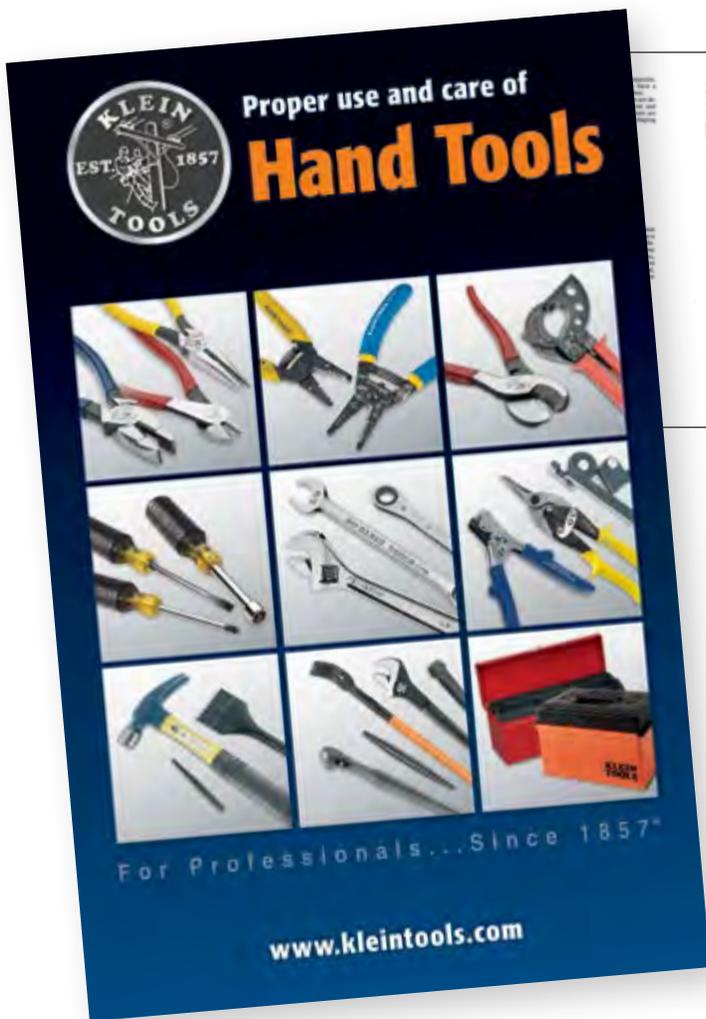
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**⚠️ WARNING:** Always match proper size and type of grip to application.

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**⚠️ WARNING:** Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.

Important information for everyone who uses hand tools...fully illustrated pages of basic facts and practical "how-to" tips.



Prepared by KLEIN TOOLS in conjunction with the Hand Tools Institute. Available from your Klein distributor (Cat. No. 98016).

See [www.kleintools.com/warranty](http://www.kleintools.com/warranty) for more information.

**Warranty Returns**

All warranty returns must include a Warranty Return Authorization (WRA) number. The WRA for the U.S. can be obtained by calling Customer Service at 1-800-553-4676. (International call 1-847-821-5500) or email [serviceonline@kleintools.com](mailto:serviceonline@kleintools.com).

**Specifications of all products in this catalog are subject to change without notice.**

Dimensions shown for all forged products in this catalog are as precisely accurate as possible, but subject to very slight variations that are unavoidable in forging and grinding operations. Dimensions of Klein forged tools and all other tools and equipment are always within commercial tolerances recognized for such products.

Item	Page	Item	Page	Item	Page
<b>A</b>					
Adjustable Wire Strippers/Cutters	34	Can Wrench	30, 103	Grizzly™ Bar	298
Adjustable Wrenches	93	Canvas Buckets	259 - 264	Hex and Round Bars	299
Aerial Aprons	265	Aerial Oval	263	Pinch Bars	303
All-Purpose Pliers	15, 25	Hard Body Oval	263	Adjustable-Head Wrenches	105, 301
All-Purpose Shears and BX Cutter	40	Line-Hose Bag	264	Erection Wrenches	105, 301
Aluminum Conduit Benders	130	Load Rated Canvas	260 - 261	Ratcheting Wrench	105, 301
Anchor Hooks	267	Heavy Duty Top Closing	261	Ironworker's Heavy-Duty Tie-Wire Belts	298
Anchor Kit, Conical	243	Leather-Bottom	260	Rebar Hickeys	298
Aviation Snips	230	Work @ Height	261	Tie-Wire Reel	298
<b>B</b>					
Barrel Drifts	306	Straight-Wall	262	Tie-Wire Reel Pad	298
Bars – Construction	299, 303	Tapered-Wall	262	Construction Wrenches	105, 301
Bars – Mining	304	Vinyl Bucket Top	262	Continuity Tester	217
Bell System B, L, and H Chicago™ Grips	30	Canvas Electrode Bags	264	Crimping Tools	31, 36, 37, 194, 233
Bell System Type Wrench	30	Canvas Tool Bags	173	Compound Action	37
Blades	245, 247	Carbide-Tipped Hole Cutters	240-241	Ratcheting	37
Compass Saw Replacement	247	Carrying Cases	158, 222	Crimping/Cable Cutting Tools	26
Reciprocating Saw	247	Chicago™ Grips	281-284	Crowbars	303
Block & Tackle	266 - 270	Chisels	292, 295 - 296	Curved Long-Nose Pliers	18
Anchor Hook	267	Cold	295, 304	Cushion-Grip Nut Driver Sets	81, 82
Block & Tackle Packages	268, 269	Electrician's	296	Cushion-Grip Nut Drivers	82, 83
Howe Wire Tool	270	Circuit Tester	217	Cushion-Grip Screwdriver Sets	61, 62, 63, 64
Polypropylene Hand-Lines w/Snap Hook	270	Clamp Meters	210	Cushion-Grip Screwdrivers	60, 65, 66, 67
Rope	267	Cleaners	137	Cutting & Notching Tools	230, 231
Snap Hook	267, 270	Clip Light	227	Cutting Tools	248, 253, 256 - 258
Swivel Anchor Hook	267	Coated Screwdrivers	67	Aviation Snips	229 - 230
Swivel Snap Hook	270	Coax Testers	204	Bent Trimmers	258
Web Strap Ratchet Hoist	270	Coaxial Cable Connectors	195	Electrician's Scissors	256, 257
Blocks	267	Coaxial Connector Crimp Tools	190	Industrial High-Leverage Shears	257
Bolt Cutters	38 - 44	Coaxial Cutting Tools	188	Industrial Utility Snips	258
Heavy-Duty Ratcheting	43	Combination Wire-Stripping & Crimping Tools	36	PVC-Cutters	132
Borescope	219	Multi-Purpose	36	Sharpening Tools	253
Borescope Camera	221	Combination Wrenches	94 - 96	<b>D</b>	
Brass Punches	305	Communication Cable Cutters	41	Dead Blow Hammers	295
Bull Pins	300	Compact Cable Cutter	40	Demolition Screwdrivers	67
Bull-Pin Holders	153	Concrete Construction Tools	297	Diagonal Bell-System Pliers	28
<b>C</b>					
Cable Benders	44	Conduit Benders	130	Diagonal Telephone Work Pliers	28
Cable Cutters	38 - 44	Conduit Locknut and Reaming Pliers	19, 129	Diagonal-Cutting Electronics Pliers	14
ACSR Ratcheting	42	Conduit Locknut Wrench	129	Diagonal-Cutting Pliers	11 - 13, 25
All-Purpose Shears and BX	40	Conduit Reamer	69	Digital Clamp Meters	209
Heavy-Duty Cable Shears	40	Conduit Tools	121, 129 - 132	Digital Multimeters	213
High-Leverage	39	Armored Cable Cutter	131	Disposable Dust Masks	135
Multi-Cable	40	Conduit Bender Handles	131	Drill Bit Sets	243 - 244
Ratcheting ACSR	43	Conduit Scoring Tool	131	Drill Bits	238, 244
Ratcheting	42	High-Leverage Side-Cutting Pliers	129	Drill Tap Set	90
Standard and Communication	41	PVC-Cutters	132	Driver Set, Impact	78
Utility Cable and Rope	41	Conduit-Fitting and Reaming Screwdriver	69, 129	Dual Laser Infrared Thermometer	218
<b>D</b>					
		Connector Crimping Pliers	28	Duct Stretcher	233
		Conical Anchor Kit	243	<b>E</b>	
		Construction Tools	297 - 299, 301, 305 - 308	Electrical Test Kits	210, 214
		Barrel-Type Drift Pins	299	Electrical Testers	215 - 217
		Connecting Bar Holder with Lock Collar	299		
		Construction Bars	298 - 299, 303		
		Crowbars	303		
		Gooseneck Bar	299, 303		



Item	Page	Item	Page	Item	Page
Special-Purpose Knife .....	234	<b>J</b>		Slim .....	17
Specialty Screwdrivers .....	235	Jab Saw .....	247	Telephone Work Pliers .....	29
Swaging Tool – Punch Type .....	233	Journeyman™ Cutting & Notching Tools .....	230	Low-Voltage Testers .....	198, 200 - 206, 217
Tube Benders & Cutters .....	232	Journeyman™ Series .....	22 - 26	Low-Voltage Twin-Lead Tester .....	217
<b>I</b>		Crimping/Cable Cutting Tools .....	26	L-Style Hex-Key Sets .....	114
Illumination .....	225 - 227	Diagonal-Cutting Pliers .....	25	L-Style Hex-Keys .....	113
Clip Light .....	227	Long-Nose Pliers .....	25 - 26	Lunch Cooler .....	172
Flashlight with Worklight .....	227	Pump Pliers .....	26		
Headlamp .....	226	Side-Cutting Pliers .....	23 - 24	<b>M</b>	
Inspection Penlight with Laser .....	226	Journeyman™ Snips .....	229	Magic-Slot Compass Saws .....	247
Penlight .....	226	Journeyman™ Tool Set .....	182, 184	Magnetic Hangers .....	222
Slide Focus Flashlight .....	227	<b>K</b>		Magnetic Hex Drivers .....	234
Work Light .....	227	Katapult™ Wire Stripper/Cutters .....	35	Mason's Club Hammer .....	308
Impact Driver Set .....	78	Klaw™ Pump Pliers .....	20	Metric Nut Drivers .....	86
Industrial High-Leverage Shears .....	257	Klein Chicago™ Grips .....	273	Midget Curved Chain-Nose Pliers .....	19
Inspection Penlight with Laser .....	226	Klein-Kurve™ Wire Strippers/Cutters .....	32 - 33	Midget Diagonal-Cutting Pliers .....	14
Insulated Crimping/Cutting/Stripping Tools .....	51	Dual NM Cable .....	32	Midget Long-Nose Pliers .....	17
Crimping/Cutting Tools .....	51	Dual NMD-90 Cable .....	33	Mining Tools .....	302 - 309
High-Leverage Cable Cutters .....	51	Knee Pads .....	135	Bars – Construction .....	303
Wire Stripper/Cutter .....	51	Knife Holder .....	152, 157	Bars – Mining .....	304
Insulated Nut Driver Sets .....	55	Knives .....	248 - 256	Barrel Drifts .....	306
Cushion-Grip Hollow-Shaft Nut Driver Set .....	55	Electrician's Pocket .....	249	Brass Punches .....	305
Insulated Nut Drivers .....	54	Pocket .....	249 - 252	Brass Sledge Hammer .....	309
Hollow-Shaft Nut Drivers .....	54	Special-Purpose .....	255 - 256	Chisels & Punches .....	304 - 305
Insulated Screwdrivers .....	52 - 53	Utility .....	253 - 255	Chipping Hammer .....	309
Insulated Skinning Knife .....	55	Knockout Punches .....	241 - 242	Construction Tools .....	305 - 308
Insulated Tools .....	45 - 58	<b>L</b>		Crowbars .....	303
Classic Insulated Tools .....	50 - 51	Laser Measuring Tools .....	119	Drill Hammer .....	308
Electrician's Insulated Cable Cutter .....	48	Levels .....	115 - 117	Fox Wedge .....	306
Electrician's Insulated Pliers .....	47 - 48	Lightweight Flush Cutter .....	14	Hammers .....	308 - 309
Electrician's Pump Pliers .....	48	Line Splitter .....	221	Slate Bars-Hexagon .....	303
Electrician's Combination Pliers .....	48	Lineman Accessories .....	259, 265	Scaling Bars .....	304
Electrician's High-Leverage Diagonal Cutting Pliers .....	47	Aerial Aprons .....	265	Pin Punches .....	305
Electrician's High-Leverage Side-Cutting Pliers .....	47	Hook for Aerial-Baskets and Buckets .....	265	Podger Bars .....	307
Electrician's Long-Nose Pliers .....	47	Pole Pick and Pouch .....	265	Podger Pins .....	306
Electrician's Insulated Stripper/Cutter .....	48	Pole Sling .....	265	Pry Bar .....	306
Electrician's Insulated Tools .....	46	Swivel Snap Hook .....	265	Safety Punches .....	309
Heavy-Duty Diagonal-Cutting Pliers .....	50	Lineman's Backpack .....	175	Spoon Bar .....	307
High-Leverage Diagonal-Cutting Pliers .....	50	Lineman's Box Wrenches .....	104	Star Dropper Hammer .....	307
High-Leverage Side-Cutting Pliers .....	49	Lineman's Ratcheting Wrenches .....	104	Star Dropper Remover .....	308
Long-Nose Pliers .....	50	Lineman's Wrenches .....	103	Starter Drift .....	305
Pump Pliers .....	51	Load Rated Canvas Buckets .....	260 - 261	Wire Rope Punches .....	309
Wire Stripper/Cutters .....	51	Lockouts .....	137	Tyre (Tire) Levers .....	309
Insulated Tool Kits .....	56 - 58	Long Needle-Nose Pliers .....	18	Mobile Phone Holders .....	157
Insulated Wire Stripper/Cutter .....	51	Long-Nose Pliers .....	15 - 18, 25 - 26, 29, 191	Modular Crimper/Strippers .....	191
IR5 Dual Laser Infrared Thermometer .....	218	All-Purpose .....	15	Multi-Bit Cushion-Grip Nut Drivers .....	70
Iron Conduit Benders .....	130	Connector Crimping .....	16, 29, 191	Multi-Bit Cushion-Grip Screwdrivers .....	70
Ironworker's Heavy-Duty Tie-Wire Belts .....	298	Electronics .....	17 - 19	Multi-Bit Nut Drivers .....	72
Ironworker's Work Pliers .....	10	Heavy-Duty .....	16	Multi-Bit Replacement Parts .....	74
				Multi-Bit Tap Tool Driver .....	72
				Multi-Cable Cutter .....	40
				Multimeters .....	214
				Multi-Nut Drivers .....	84



Item	Page	Item	Page	Item	Page
Keystone-Tip .....	65	Slide Racks .....	179	Telecom Tools .....	27 - 30
Magnetic Plastic-Handle .....	76	Slim Long-Nose Pliers .....	17	Bell System Type Wrench .....	30
Magnetic Bit Sets .....	73	Slip-Joint Pliers .....	20	Can Wrench .....	30
Multi-Bit Cushion-Grip .....	70 - 74	Snap Hook .....	267	Connector Crimping Pliers .....	28
Phillips-Tip .....	64 - 68	Snap Lock Punch .....	231	Diagonal Bell-System Pliers .....	28
Plastic-Handle .....	75 - 76	Socket Wrench Sets .....	98 - 99, 101	Diagonal Telephone Work Pliers .....	28
Pocket-Clip .....	76	Socket Wrenches .....	100	Long-Nose Telephone Work Pliers .....	29
Power Conduit Reamer .....	69	Speaker, Wireless .....	224	Steel Strand Wire Pulling Grips ...	30, 283, 285
Rapi-Driv™ Cushion-Grip .....	67	Special Use Pliers .....	19	Terminal Block Screwdriver .....	68
Screw-Holding .....	68, 77	Special-Purpose Knives .....	234, 255 - 256	Test & Measurement .....	207 - 223
Specialty Cushion-Grip .....	68	Specialty Clamp Meters .....	211	Borescopes .....	219
Slotted Tip .....	64 - 68	Specialty Cushion-Grip Screwdrivers .....	68	Circuit Tester .....	217
Square Recess .....	64, 66	Specialty Screwdrivers .....	235	Continuity Tester .....	217
Tapping Tools and Awls .....	87 - 88	Specialty Testers .....	218 - 219	Digital Clamp Meters .....	209 - 210
Terminal Block .....	68	Specialty Wrenches .....	103 - 104	Digital Multimeters .....	213
Torque Set .....	78	Spoon Bar .....	307	Digital Circuit Breaker Finder .....	215
TORX® .....	66	Standard Diagonal-Cutting Pliers .....	13	Dual Laser Infrared Thermometer .....	218
Triple Taps .....	88	Standard Long-Nose Pliers .....	17, 29	Electrical Test Kits .....	210, 214
Wire Bending .....	68	Standard Long-Nose Pliers - Side-Cutting .....	16	Electrical Testers .....	215 - 217
Seamers .....	231	Star Dropper Hammer .....	307	Electronic Voltage Testers .....	215
Seaming & Folding Tools .....	231 - 232	Steel Construction .....	297 - 299, 301	High Voltage Testers .....	223
Setting Hammer .....	295	Adjustable-Head Wrenches .....	105, 301	Low-Voltage Tester .....	217
Sharpening Tools .....	253	Barrel-Type Drift Pins .....	299	Low-Voltage Twin-Lead Tester .....	217
Sheet Metal Tools/HVAC .....	228 - 236	Bull Pins .....	300	Multimeters .....	210 - 214
Aviation Snips .....	229 - 230	Connecting Bar Holder with Lock Collar .....	299	Multimeter Replacement Fuses .....	214
Crimping Tools .....	233	Construction Bars .....	298 - 299	Non-Contact Voltage Testers .....	216
Cutting & Notching Tools .....	230 - 231	Construction Wrenches .....	105, 301	Receptacle Testers .....	217
Dead Blow Hammers .....	236	Erection Wrenches .....	105, 301	Specialty Clamp Meters .....	211
Duct Stretcher .....	233	Gooseneck Bar .....	299	Specialty Testers .....	218, 219
Hammers .....	236	Grizzly™ Bar .....	298	Video Borescopes .....	219
Hand Notcher .....	231	Hex and Round Bars .....	299	Test & Measurement Line Accessories ...	220 - 222
Journeyman™ Cutting & Notching Tools ...	230	Ironworker's Heavy-Duty Tie-Wire Belts ...	298	Borescope Camera .....	221
Journeyman™ Snips .....	229	Ratcheting Construction Wrench .....	105, 301	Carrying Case .....	222
Lightweight Tinner Snips .....	231	Rebar Hickeys .....	298	Circuit Breaker Finder Accessory Kit .....	220
Magnetic Hex Drivers .....	234	Tie-Wire Reel .....	298	Line Splitter .....	221
Nylon Tie Tensioning Tools .....	234	Tie-Wire Reel Pad .....	298	Magnetic Hangers .....	222
Offset Snips .....	230	Steel Fish Tapes .....	123, 124	Replacement K-Type Thermocouples ...	220
Professional 4-in-1 Tube Bender .....	232	Steel Strand – Haven's™ Grips .....	285	Replacement Test Lead Sets .....	220
Professional Tube Cutter .....	232	Steel Strand Wire Pulling Grips .....	30	Test Lead Set .....	220
Riveting Hammer .....	236	Step Drill Bits .....	242	Tradesman Pro™ Carrying Cases .....	222
Right Angle Snips .....	229	Storage .....	179 - 180	Tradesman Pro™ Hard Cases .....	222
Refrigeration Wrenches .....	233	Slide Racks .....	179	Test Lead Set .....	220
Seaming & Folding Tools .....	231 - 232	Strap Wrenches .....	106	Test-n-Map™ Remote Kit .....	201
Seamers .....	231	Suspenders .....	143, 157, 164	T-Handle Hex-Keys .....	109, 110, 111
Setting Hammer .....	236	Swaging Tool – Punch Type .....	233	Tie-Wire Reel .....	298
Snap Lock Punch .....	231	Swivel Anchor Hook .....	267	Tie-Wire Reel Pad .....	298
Special-Purpose Knife .....	234	Swivel Snap Hook .....	265	Tool Bags .....	165 - 178
Specialty Screwdrivers .....	235	<b>T</b>		Accessories .....	178
Swaging Tool – Punch Type .....	233	Tape Measures .....	118 - 119	Canvas Tool Bags .....	173
Tube Benders & Cutters .....	232	Tape Measure Holders .....	119	Coolers .....	172
Ship-Auger Bits .....	243	Tapered Long-Nose Pliers .....	17	Drawstring Bag .....	176
Side-Cutting Pliers .....	7 - 10, 23 - 24	Tapping Tools and Awls .....	87 - 88	Glove Bags .....	178
Slate Bars-Hexagon .....	303			Leather Tote Bag .....	175
Slide Focus Flashlight .....	227			Lineman Backpack .....	175

Item	Page	Item	Page	Item	Page
Tradesman Pro™	166 - 172	Suspenders	157	Wire Pulling Leader	125
Vinyl Equipment Bags	174	Totes	170	Fish Tapes	122 - 124
Zipper Bags	176 - 177	Zipper Bags	171	Fiberglass Fish Tapes	123
Tool Belts	143, 157, 161 - 163	Tube Benders & Cutters	232	Multi-Groove Fiberglass Fish Tapes	122
Adjustable Web	162			Spiral Steel Fish Tapes	124
Combo Set	163	<b>U</b>		Steel Fish Tapes	123 - 124
Ironworker's	163, 298	Utility Cable and Rope Cutters	41	Magnetic Wire Pulling System	127
Padded	161	Utility Knife Holder	160	Polymer Fish Rod Set	127
Quick-Release	163	Utility Knives	253 - 254	Wire Pulling Lubricant	127 - 128
Tradesman Pro™ Tool Belts	155, 157			Wire Pulling Foam Lubricant	127
Tool Boxes	179	<b>V</b>		Wire Pulling Foam Lubricant	127
Tool Carriers	143, 152 - 154	VDV Scout™ Pro 2 Series	201 - 202	Wire Pulling Grips	271 - 291
Tool Guards	154	Video Borescopes	219	AAC	279 - 280
Tool Holders	151 - 154	Vinyl Bucket Top	262	ACSR	275 - 276
Bull-Pin	153	Vinyl Equipment Bags	174	ACSS	277
Erection Wrench	153	Voice/Data/Video Connectors	187	ACSS/TW	278
Flashlight	153	Voice/Data/Video Testers	187, 200 - 204, 206	Chicago™	281 - 284
Hammer	153	Voice/Data/Video Test & Measurement	200 - 206	Grip Care and Maintenance	272
Knife	152, 157	Coax Explorer™ Testers	204	Grip-Cleaning Brush Set	287
Mobile Phone	157	LAN Scout™ Jr. Tester	204	Haven's™	273
Scissors	152	PROBEplus-Tone Tracing Probe	205	Hot-line Latch	273
Tape Thong	154	Test-n-Map™ Remote Kit	201	Interchangeable Jaw Grips & Liners	287
Tool Combination Aprons	150	TONEcube-Tone Generator	205	Jaw Contours	274
Electrician's Tool	150, 156	TraceAll™ Tone & Probe	206	Klein Chicago™	273
Tool Kits	181 - 186	VDV Commander™	200	Parallel Jaw	273, 285 - 287
Electrician Tool Set	183, 185 - 186	VDV Ranger™ TDR Kit	206	Steel Strand – Haven's™	285
Journeyman™ Tool Set	182, 184	VDV Scout™ Pro 2 Series	201 - 202	Wire Mesh Grips	288 - 291
Tool Pouches	143 - 149, 155 - 156, 159	Voice/Data/Video Tool Kits	198, 199	Wire Pulling Lubricant	127
Back Pocket	147	Voice/Data/Video Tools	187 - 199	Wire Strippers	31
Bull-Pin and Bolt Bags	149	Coaxial Cable Connectors	195	Wire Strippers/Cutters	33 - 35
Canvas Electrode Bag	149	Coaxial Connector Crimp Tools	190	Adjustable	34
Canvas Utility Bag	148	Coaxial Cutting Tool	188	Dual-Wire	34
Leather Bolt Bag	147	Crimp Tool	194	Katapult™	35
Lineman's	146	Modular Crimper/Strippers	191	NM Cable Ripper	35
Nut & Bolt	147	Punchdown Tools	192 - 194	Self-Adjusting	35
Tradesman Pro™	155 - 156	Radial Strippers	188 - 189	Wireless Jobsite Speaker	224
Utility	146	Radial Stripper Cartridges	189	Wood Boring Bits	242
Water-Repellent Canvas	148	Twisted Pair Connectors	196	Work @ Height Bucket	261
Tool Tether	300	Twisted Pair Crimp/Strip Tools	191	Work @ Height Tools	297, 300
Torque Screwdriver Set	78	Voice/Data/Video Tool Kits	197 - 199	Tool Tether	300
Torque Tool Kit	106			Work Belt	161
Torque Wrenches	106	<b>W</b>		Work Light	227
TORX® Sets	112	Warning Tapes	137	Wrench Sets	94 - 99, 101
Tough Digital Clamp Meters	208	Wire Bending Screwdrivers	68	Wrenches	92 - 106
Tradesman Pro™	155 - 158, 167 - 172	Wire Mesh Grips	288 - 291	Adjustable	93
Aprons	156	Wire Pulling	121 - 129	Can	103
Backpacks	166 - 167	Fish Rods	126	Combination	94 - 96
Bags	167 - 170	Glow Rods	126	Combination Set	94 - 96
Belts	155, 157	Fish Tape Accessories	124 - 125	Construction	105
Bucket Bag	171	Repair Kit	124	Erection	105
Carrying Cases	158, 222	Steel Fish Tape Swivel Eyelet	125	Impact Socket Wrenches and Adapters	104
Hard Cases	158, 222			Lineman's Box	104
Lunch Cooler	172			Lineman's Ratcheting	104
Pouches	155 - 156, 171			Lineman's	103

Item	Page	Item	Page	Item	Page
Open-End .....	97				
Open-End Set .....	97				
Ratcheting Box .....	101 - 102				
Ratcheting Box Set .....	101 - 102				
Ratcheting Offset Box .....	102 - 103				
Ratcheting Offset Box Set .....	102				
Ratcheting Refrigeration .....	103				
Socket Sets .....	98 - 99, 101				
Socket .....	100				
Specialty .....	103 - 104				
Strap .....	106				
Torque .....	106				
Torque Tool Kit, Master Electrician's .....	106				

**Z**

Zipper Bags .....	176 - 177
-------------------	-----------



Item	Page	Item	Page	Item	Page
1000.....	36	1550-44.....	251	162850T.....	282
1001.....	36	1550-6.....	252	162850U.....	282
1003.....	34	1570-3.....	255	162850W.....	282
1004.....	34	1570-3LR.....	255	162850X.....	282
1005.....	36	1571INS.....	55	162850Y.....	282
1005-INS.....	51	1580-3.....	255	162850Z.....	282
1006.....	37	1604-10.....	285	1628-80.....	287
1010.....	36	1604-20.....	285	1628-80AA.....	287
1011.....	34	1611-20.....	283	1628-80BB.....	287
1011M.....	34	1611-30.....	283	1628-80E.....	287
1016.....	252	1611-40.....	283	1628-80F.....	287
1100L.....	230	1611-50.....	283	1628-80G.....	287
1101R.....	230	1613-30.....	284	1628-80H.....	287
1102S.....	230	1613-35.....	284	1628-80I.....	287
1104.....	40	1613-40.....	283	1628-80J.....	287
11045.....	33	1625-20.....	285	1628-80K.....	287
11045-INS.....	51	162520-1.....	285	1628-80L.....	287
11046.....	33	162520-7/8.....	285	162930N.....	281
11047.....	33	1628-16.....	283	1656-20.....	281
11048.....	34	1628-16AT.....	30, 284	1656-30.....	281
11049.....	33	162816K.....	281	1656-40.....	281
11049-INS.....	51	162816PE.....	281	1656-50.....	281
11053.....	32	162816PF.....	281	1656-60.....	281
11054.....	32	162816PG.....	281	1659-20.....	284
11054-EINS.....	48	162816PH.....	281	1659-30.....	284
11054GLW.....	32	162816PI.....	281	1659-40.....	284
11055.....	32	162816PJ.....	281	1659-50.....	284
11055-INS.....	51	162816PL.....	281	1659-5AT.....	30, 284
11057.....	32	162816PM.....	281	1671-10.....	287
11061.....	35	162816PN.....	281	1672-10.....	287
11063W.....	35	1628-17.....	283	1684-5.....	283
11073.....	35	1628-18.....	283	1684-5AT.....	30, 284
11074.....	35	1628300.....	281	1684-5C.....	283
11081.....	35	162830P.....	282	1684-5F.....	283
11082.....	35	162830R.....	282	1684-74.....	283
1200BI.....	246	162830S.....	282	1685-20.....	286
1200BI-P.....	246	162830T.....	282	1685-31.....	286
12098.....	10	162830U.....	282	1686-10.....	287
12098-EINS.....	48	162840A.....	282	1686-20.....	287
12098-INS.....	50	162840U.....	282	1692-5.....	283
1218BI.....	246	162840VRU.....	282	1692-5AT.....	30, 284
1218BI-P.....	246	162840W.....	282	1702-20N.....	270
1224BI.....	246	162840X.....	282	1716-60.....	285
1224BI-P.....	246	162840Y.....	282	1802-30.....	268
1232BI.....	246	162840Z.....	282	1802-30S.....	268
1232BI-P.....	246	162850A.....	282	1802-30SR.....	268
13391.....	74	162850B.....	282	1802-30SSR.....	268
13392.....	74	162850C.....	282	1803-60.....	270
1515-1.....	256	162850D.....	282	1804-60.....	270
1515-S.....	256	162850E.....	282	19352.....	69
1550-11.....	251	162850F.....	282	19353.....	69, 91, 129
1550-2.....	252	1628-50P.....	282	19542.....	66
1550-24.....	251	1628-50R.....	282	19543.....	66
1550-4.....	251	162850S.....	282	19544.....	66

Item	Page	Item	Page	Item	Page
19545	66	31866	240	3238	105301
19546	66	31868	240	3239	105301
19555	63	31870	240	32392	74
2000-28-EINS	47	31872	241	32394	74
2000-48-EINS	47	31873	241	32395	74
2000-9NE-EINS	47	31874	240	32396	74
2006	37	31900	240	32397	74
2012	265270	31902	239	32398	74
201-7GST	10	31905	240	32399	74
203-6-EINS	47	31906	240	3240	299
203-7-EINS	47	31907	240	32400	74
203-8-EINS	47	31914	240	32401	74
2100-5	256	31918	240	3241	299
2100-7	257	31922	240	32410	74
2100-8	197, 257	31928	240	32411	74
2100-9	257	31932	240	32412	74
2100L	230	31940	240	3242	299
2101R	230	31944	240	3243	299
2102S	230	31948	240	3244	299
2103	230	31958	240	3245	299
213-8NE-EINS	47	31972	240	3246	299
213-9NE	8	32008	64	3246TT	299
213-9NE-EINS	47	3210	105301	3247	299
213-9ST	10	3211	105301	32476	72
22000	257	3212	105301	32477	72
22001	257	3212TT	105, 301	32478	74
22002	257	3213	105301	32479	74
22003	257	3213TT	105, 301	3248	299
23008	258	3214	105301	32482	74
23010	258	3214TT	105, 301	32483	74
23011	258	3219	105301	32484	74
23015	258	3220	105301	32485	74
24000	258	3221	105301	32500	72
24001	258	32215	68	32505	70
24005	258	32216	68	3251	300
25450	287	32217	87, 90	32510	73
258	267	3222	105301	32517	72, 87
259	267	3223	105301	32518	87
267	267	32234	91	3252	300
268	267	32235	91	32525	73
27400	298	32237	87, 90	32526	73
27450	154298	32238	87, 90	32527	70, 235
3100	231	32239	87, 90	32528	74
3101	231	3224	105301	32534	73, 235
3146	103	32240	87, 90	32535	73
3146A	103	32241	87, 90	32536	73
3146B	30, 103	32242	87, 90	32537	73
31716	247	3227	105301	32538	73
31728	247	32290	70	32539	73
31734	247	32291	70	32540	74
31850	240	32292	70, 235	32541	74
31852	240	3231	105301	32542	74
31856	240	3232	105301	32543	74
31860	240	32378	63	32544	74

Item	Page	Item	Page	Item	Page
32545	74	32782	74	40225	138
32546	74	32783	74	40226	139
32547	74	32784	74	40227	139
32548	74	32800	84	40228	139
32549	74	32801	84	40229	138
3255	300	33524	55	40230	138
32550	74	33525	57	40231	138
32551	74	33525SC	57	40232	138
32552	74	33526	58	40233	138
32553	74	33527	56	40234	138
32554	74	33528	53	42200	150
32557	71	33529	58	42201	150
32558	71	33532-INS	53	42241	145
32559	71	40002	142	42242	150
3255TT	300	40003	141	42244	150
3256	300	40004	141	42245	147
32560	71	40006	141	42246	147
32561	72	40008	142	42247	147
32562	72	40010	142	44000	250
3256TT	300	40012	142	44000-BLK	250
3257	300	40014	141	44001	250
3258	300	40015	141	44001-BLK	250
32581	72	40016	141	44002	250
3259	300	40017	141	44003	250
32593	71	40018	141	44004	250
32594	71	40021	141	44005	250
3259TT	300	40022	141	44005R	250
3259TTS	300	40023	141	44005RC	250
3260	299	40072	142	44006	250
3261	299	40074	142	44007	250
32618	64	40080	142	44031	252
32619	64	40082	142	44032	251
3262	299	40084	142	44033	251
3263	299	40086	142	44034	251
3265	300	40205	139	44036	251
32708	64	40206	139	44037	251
32709	64	40207	139	44052BLK	250
32713	64	40208	139	44100	254
32715	64	40209	139	44101	255
32751	64	40210	139	44103	255
32752	74	40211	140	44130	254
32759	91	40212	140	44131	253
32770	74	40213	140	44133	254
32771	74	40214	140	44135	253
32772	74	40215	140	44136	254
32773	74	40216	140	44142	249
32774	74	40217	140	44144	249
32775	74	40218	140	44151	253
32776	74	40219	140	44200	256
32777	74	40220	141	44201	249
32778	74	40221	141	44217	249
32779	74	40222	141	44218	255
32780	74	40223	138	44219	255
32781	74	40224	138	44220	249

Item	Page	Item	Page	Item	Page
44222	249	5102-14	172	5124-17	178
443A	270	5102-14SP	172	5124-19	178
45200	137	5102-16	172	5125	146
45201	137	5102-16SP	172	5125L	146
455	267	5102-18	172	5126	146
46037	256	5102-18SP	172	5127	145
46039	256	5102-20	172	5127T	145
470	267	5102-22	172	5129	153
48036	253	5102-24	172	5130	154
48502	267	5102-24SP	172	5131	154
4BP10	305	51028	128	5136	177
4BP12	305	5102S	178	5139	176
4BP16	305	5103S	262	5139B	176
4BP19	305	5104	260	5139C	176
4BPSET5	305	5104CLR17	261	5139L	176
4PPL02.5	305	5104CLR22	261	5139PAD	177
4PPL03	305	5104OCTO	261	5140	176
4PPL04	305	5104S	260	5140K	148
4PPL05	305	5104VT	260	5141	176
4PPL06	305	5105-20	173	5141P	148
4PPL06.5	305	5105-24	173	5142	148
4PPL08	305	5106	262	51425	137
4PPL10	305	5106P	262	51427	131
4PPLSET8	305	5106S	262	51428	131
500-18	93	5107-6	151	51429	131
500-24	93	5107-9	151	5142P	148
50031	132	5108-18	175	5143	264
5003-18	173	5108-20	175	5144	263
50032	132	5108-24	175	5144B	263
5003-20	173	5109	260	5144BHB	263
50033	132	5109P	260	5144BHB140S	263
50034	132	5109PS	260	5144BHBB	263
50035	132	5109S	260	5144H	265
502-10-EINS	48	5109SLR	260	5144HBS	263
50350	125	51100	127	5144S	263
50351	125	5110-48	264	5145	146
50400	44	5111	147	5146	148
50402	44	5112	151	5151	176
50506SEN	132	5113	262	5152S	263
50549	132	5113S	262	5155	173
506-15	93	5115	175	5156	173
507-10	93	5118C	151	5162T	145
507-12	93	5118P4	146	5163	152
507-6	93	5118P5	146	5164	144
507-8	93	5118PRS	151	5164T	144
5100M	152	5118R	151	5165	144
5101	152	5118RT	151	5166	145
51010	128	5118S	151	5167	144
51012	128	5119	146	5171PS	262
51013	128	5121-15	178	5172PS	262
51015	128	5121-19	178	5178	144
51017	128	5122-16	178	5179	148
51018	128	5122-18	178	5179S	148
5102-12	172	5124-15	178	5180	174

Item	Page	Item	Page	Item	Page
5181ORA	174	53112	244	5416T	149
51829	265	53113	244	5416TC	149
51829M	265	53114	244	5416TCP	149
51829MHS	265	53115	244	5416TFR	149
5182BLA	174	53116	244	5417	153
5183	156	53117	244	5417T	153
5184	158222	53118	244	5420	163298
5185	152	53119	244	5420L	163, 298
5185ORA	175	53120	244	5420S	163, 298
5187	152	53121	244	5420XL	163, 298
5187T	152	53122	244	5425M	163
5188	152	53123	244	5425XL	163
5188T	152	53124	244	54436	180
5189	158222	53125	244	54437	180
5190	144	53126	244	54438	180
5194	153	53127	244	54439	180
5195	119153	53128	244	54440	180
5195TT	119	5336	177	54445	180
5196	119153	53402	243	54446	180
51A	147	53404	243	54447	180
51TOP	262	53406	243	54448	180
5200-15	174	53408	243	54451	179
5201	162	53437	243	54474	179
5202L	162	53439	243	54476	179
5202M	162	53441	243	54477	179
5202XL	162	53443	243	54484	179
5204	162	53715SEN	238	54486	179
5225	162	53716	238	5456	153
5236	177	53717	238	5456T	153
5240	156	53718	238	5456TS	153
5241	156	53719	238	5458	154
5242	155	53720	238	5459C	154, 299
5243	155	53721	239	5459SLVR	154, 299
5244	156	53722	238	5459T	153
5245	157	53723	238	5460	153
5246	157	53725	131	5461T	153
5247	157	53726SEN	131	5471	149264
5248	157	53727SEN	242	5471FR	149, 264
5300	186	53728SEN	242	5481	147
53000	244	53729	243	5482	147
53001	243	53731	239	55	21
53002	243	53732SEN	241	5509	154
53100	244	53751	238	55210	163
53101	244	53932	242	5539BLU	177
53102	244	53934	242	5539CPAK	177
53103	244	53936	242	5539NAT	177
53104	244	53938	242	5539RED	177
53105	244	5415	162	5539YEL	177
53106	244	5415L	162	55400	157
53107	244	5415S	162	554158-14	170
53108	244	5415XL	162	5541610-14	170
53109	244	5416	149	5541718-14	169
53110	244	5416L	149	5541819-14	169
53111	244	5416OCTO	149	55419SP-14	171

Item	Page	Item	Page	Item	Page
55421BP-14	166	56107	125	5710XL	161
55421BP14CAMO	166	56108	128	5712	119160
55427	155	56110	128	5713	160
55428	155	56115	122-124	5714	160
55429	155	56116	122-125	5716	160
55431	168	56117	128	5717	160
55437	168, 227	56119	126	5718	159
55439BPTB	167	56120	122-125	5719	159
55448	171	56125	123	58000	137
55452RTB	170	56203	130	58001	137
55453HSB	168	56204	130	58002	137
55454DHB	168	56205	130	58003	137
55455M	167	56206	130	58886	175
55456BPL	167	56207	130	58888	175
55460	157	56208	130	58889	178
55461	157	56209	130	58890	175
55468	157	56210	130	5BD19	306
55560	171	56211	130	5BD20	306
55561	157	56220	226	5BD30	306
55562	157	56221	227	5BD33	306
55563	157	56222	226	5CB150025	303
55564	157	56223	227	5CB150030	303
55597*	166	56240	123	5CB165025	303
55598	169	56312	126	5CB165030	303
55599	171	56324	126	5CB180025	303
55601	172	56325	126	5CB180030	303
55603	167	56326	126	5CBR180022	303
55629	135	56406	126	5CBR180025	303
5574L	154	56409	126	5CBR180030	303
5574S	154	56415	126	5FW07538	306
56000	123	56418	126	5FW10025	306
56001	123	56430	126	5FW17550	306
56002	123	56999	129	5GNB180030	303
56003	123	5700	159	5HCMH1.35	308
56004	123	57000	106	5HDRH2.0	308
56005	124	57005	106	5PB150025	303
56006	124	5701	159	5PB150030	303
56007	123	57010	106	5PB165025	303
56008	123	5702	159	5PB165030	303
56009	123	5703	159	5PB180025	303
56010	123	57032	78	5PB180030	303
56013	124	5704L	161	5POB37516	307
56014	123	5704M	161	5POB37520	307
56025	122, 124	5704XL	161	5POB45016	307
56026	226	5705	161	5POB45020	307
56028	227	5706	160	5POB60020	307
56055	122	57060	106	5POB90020	307
56056	122	5707	119160	5POP25	306
56057	122	5708	160	5POP30	306
56058	122	5709L	161	5PRBP45016	306
56059	122	5709M	161	5SB75022	307
5606	265	5709XL	161	5SDL45025	305
56065	123	5710L	161	5SDR	308
56104	126	5710M	161	5SDSH	307

Item	Page	Item	Page	Item	Page
5WHRG	309	603-7	65	630-10MM	83
60	21	6037INS	52	630-11/32	83
60009	136	604-3	66	630-11/32M	82
600-1	65	605-10	65	630-11MM	83
60010	136	605-4	65	63016	40
60011	136	605-4B	68	63020	40, 197
600-12	65	605-6	65	63028	39
60015	136	605-6B	68	630-3/16	83
60025	136	605-7-INS	52	630-3/16M	82
60027	136	605-8	65	630-3/8	83
60028	136	606-2	66	630-3/8M	82
60030	136	607-2	66	63030	39
60031	136	607-3	66	63035	41
600-4	65	607-3-INS	52	63035SC	41
60046	134	607-4	66	630-4.5MM	83
60047	134	608-10	66	63041	41
60049	134	608-2	66	63041TH	41
60053	134	608-3	66	63045	41
60054	134	608-4	66	63047	41
60055	134	608-6	66	630-4MM	83
60056	134	608-8	66	630-5/16	83
60057	134	610	82	630-5/16M	82
600-6	65	610-1/4	82	630-5/8	83
60060	135, 136	610-1/4M	82	63050	39
600-8	65	610-3/8M	82	63050-EINS	48
60080	135	610-5/16	82	63050-INS	51
601-10	65	610-5/16M	82	63055	40
601-4	65	610M	82	630-5MM	83
601-4-INS	52	612-4	68	63060	42
601-6	65	612-4-INS	52	630-6MM	83
601-7-INS	52	613-3	66	630-7/16	83
601-8	65	614-2	66	630-7/16M	82
602-10	65	614-3	66	630-7MM	83
60210B	164	614-4	66	63081	41
602-12	65	614-6	66	630-8MM	83
60223B	164	618-1/4M	82	630-9/16	83
602-3	65	618-5/16M	82	63090	41
602-4	65	620-3	67	630M	80
602-4DD	67	620-4	67	631	81
602-4-INS	52	620-6	67	63110	41
602-6	65	620-8	67	63118	44
602-7DD	67	621-6	67	63124	44
602-7-INS	52	621-8	67	63130	44
602-8	65	625-24	88	63131	44
602-8-INS	52	625-32	88	63136	44
603-1	65	626	87	63137	44
603-10	65	626-24	88	631M	80
603-3	65	626-32	87-88	63224	44
603-3B	68	627-20	88	633	81
603-4	65	628-20	87-88	63314	44
603-4B	68	630-1/2	83	63318	44
6034DD	67	630-1/2M	82	63324	44
603-4-INS	52	630-1/4	83	63330	44
603-6	65	630-1/4M	82	63336	44

Item	Page	Item	Page	Item	Page
63342	44	646-5/8	83	65722	100
6334INS	52	646-5/8-INS	54	65723	100
6337INS	52	646-7/16	83	65724	100
635-1/2	79	646-7/16-INS	54	65800	101
635-1/4	79	646-7/16M	82	65801	101
635-3/8	79	646-9/16	83	65802	101
635-4	79	646-9/16-INS	54	65803	101
635-5/16	79	646M	80	65804	101
635-6	79	647	81	65805	101
635-7/16	79	647M	80	65806	101
635-9/16	79	650	88	65807	101
63607	42	65064	68, 235	65808	101
63700	43	650DD	88	65809	101
63711	42	65160	81	65810	101
63750	42	65500	99	65811	101
63800ACSR	42	65502	99	65812	101
63814	44	65504	99	65820	100
63818	44	65506	98	65821	100
63824	44	65508	99	65823	100
63831	44	65510	98	65825	101
63836	44	65512	98	65826	101
63842	44	65514	98	65827	101
63RBCHD	43	65600	100	65828	101
640-1/2	83	65601	100	65829	101
640-1/4	83	65602	100	65830	101
640-3/16	83	65603	100	65831	101
640-3/8	83	65604	100	65832	101
640-5/16	83	65605	100	65907	100
640-5/8	83	65606	100	65908	100
640-7/16	83	65607	100	65909	100
640-9/16	83	65608	100	65910	100
64306	298	65620	100	65911	100
64309	298	65621	100	65912	100
64310	298	65622	100	65913	100
64311	298	65623	100	65914	100
64312	298	65700	100	65915	100
646-1/2	83	65701	100	65916	100
646-1/2-INS	54	65702	100	65917	100
646-1/2M	82	65703	100	65918	100
646-1/4	83	65704	100	65919	100
646-1/4-INS	54	65705	100	660	66
646-1/4M	82	65706	100	661	66
646-11/32	83	65707	100	66100	296
646-11/32-INS	54	65708	100	66140	295
646-11/32M	82	65710	100	66141KIT	265
646-3/16	83	65711	100	66142	295
646-3/16-INS	54	65712	100	66143	295
646-3/16M	82	65713	100	66144	295
646-3/8	83	65714	100	66145	295
646-3/8-INS	54	65715	100	66146	295
646-3/8M	82	65716	100	661-4-INS	52
646-5/16	83	65717	100	66174	295
646-5/16-INS	54	65720	100	66177	295
646-5/16M	82	65721	100	661-7-INS	52

Item	Page	Item	Page	Item	Page
66183	295	68404	95	69407	158, 222
662	66	68406	95	69408	158, 222
662-4-INS	52	68410	95	69409	221
662-7-INS	52	68411	95	69410	220
663	66	68412	95	69411	220
66310	296	68413	95	69413	220
66311	296	68415	95	69414	220
66312	296	68418	95	69417	222
66313	296	68420	95	69418	220
66320	296	68421	95	69450	221
66321	296	68450	97	69451	221
66322	296	68452	97	69454	221
66323	296	68460	97	69455	221
66324	296	68461	97	69457	221
66325	296	68462	97	70	21
66340	296	68463	97	70035	76
66342	296	68464	97	70155	76
66343	296	68465	97	701-S	246
66344	296	68466	97	702	247
66385	88	68500	96	70200	84
66400	233	68502	96	70204	86
665	66	68507	96	70205	86
666	66	68508	96	70206	86
667	66	68509	96	70207	86
668	66	68510	96	70208	86
669	66	68511	96	70209	86
670-3	67	68512	96	70210	86
670-6	67	68513	96	70211	86
67100	67	68514	96	702-12	246
67101	74	68515	96	70220	78
671-6	67	68517	96	70229	78
68005	30, 103	68519	96	70245	86
681-6	67	69028	220	70255	86
68200	102	69031	214	703	247
68201	102	69032	214	704	247
68202	102	69033	214	705	247
68203	102	69034	214	70570	112
68204	102	69035	214	70571	112
68205	102	69105	217	70572	112
68206	102	69127	217	70573	112
68221	102	69128	220	70574	112
68222	101	69130	217	70575	112
68234	103	69131	217	70579	112
68236	103	69133	217	70580	112
68238	103	69134	217	70581	112
68240	103	69149	214	70582	112
68242	103	691-6	67	70586	112
68244	102	69190	222	70591	112
68245	102	69191	214	706	247
682-6	67	69192	214	707	247
68309	103, 233	69193	214	709	247
68310	103, 233	69194	214	71980	29
68400	94	69401	222	72192	28
68402	94	69406	158, 222	725	247

Item	Page	Item	Page	Item	Page
7314	65	823-48	294	92003	186
7324	65	832-32	293	928-25HV	119
74007	34	85071	64	931-9RETT	117
74017	35	85072	64	935	117
7BP29219	305	85074	62	935AB1V	117
7BP29225	305	85075	62	935AB4V	117
7BP29232	305	85076	61	935R	117
7CHC15013	304	85077	61	935RB	116
7CHC17516	304	85078	61	935RBLT	116
7CHC20020	304	85091	69, 91	93LDM65	119
7FW27050	306	85105	62	946-100	120
7FWSS10025	306	85191	69, 129	946-150	120
7HBRFRH04	309	85276	75	946-50	120
7HBRFRH07	309	85484	62		
7HBRFRH10	309	85614	63		
7HBRFRH14	309	85664	63		
7SC120019	304	86125	118	<b>A</b>	
7SC150019	304	86216	118	A000	76
7SC180019	304	86225	118	A116-2	76
7SC210019	304	86230	118	A116-3	76
7SC240019	304	86315	118	A130-2	76
7SCT1800	304	86375	118	A130-3	76
7SCT3660	304	86550	233	A131-2	76
7SCT4320	304	86551	231	A216-10	76
7SCTH1800	304	86552	231	A216-2	76
7SCTH2400	304	86553	231	A216-3	76
7WRP13	309	86560	231	A216-4	76
7WRP16	309	86570	234	A216-6	76
7WRP19	309	86571	234	A216-8	76
7WRP22	309	86600	234	A316-10	76
7WRP25	309	8660010	234	A316-3	76
7WRP32	309	86601	234	A316-4	76
80014	185	8660110	234	A316-6	76
80028	183	86602	234	A316-8	76
80118	184	8660210	234	AEPJS1	224
80141	182	87904	164		
803-12	294	87906	164	<b>B</b>	
803-16	294	88904	232	BD111	75
803-24	294	88905	232	BD122	75
803-32	294	88906	131	BD133	75
803-8	294	88907	131	BD144	75
807-18	293	88908	131	BD146	75
808-16	293	88977	232	BD156	75
808-20	293	88978	232	BD284	75
809-36	294	88981	232	BD286	75
809-36MF	294	89	21	BD306	75
811-16	236, 295	89030	232	BD308	75
811-32	236, 295	89565	233	BD408	75
818-16	293	89904	85	BD410	75
818-20	293	900-6	120	BD412	75
819-03	294	901-6	120	BD510	75
819-04	294	905-6	120	BD512	75
820-16	236, 295	910-6	120	BL10	113
821-12	236, 295	911-6	120	BL12	113



Item	Page	Item	Page	Item	Page
ET510	219	J2106S	230	JTH6M2BE	110
<b>G</b>		J2138NE	8, 23	JTH6M3	110
GN3243	299	J213-9NE	8, 23	JTH6M3BE	110
<b>H</b>		J213-9NECR	9, 23	JTH6M4	110
H1802-30	269	J2139NECRN	9, 24	JTH6M4BE	110
H1802-30S	269	J213-9NETP	9, 23, 129	JTH6M5	110
H1802-30SR	269	J228-8	11, 25	JTH6M5BE	110
H1802-30SSR	269	J248-8	12, 25	JTH6M6	110
H267	267	J502-10	21, 26	JTH6M6BE	110
H268	267	J63050	26, 39	JTH6M8	110
HD2000-9NE	8	JTH410E	109	JTH6M8BE	110
HD213-9NE	8	JTH4E06	109	JTH6T10	111
HD213-9NETH	9	JTH4E07	109	JTH6T15	111
HV-43	223	JTH4E08	109	JTH6T20	111
HVCT-1	223	JTH4E09	109	JTH6T25	111
HVNCVT-1	223	JTH4E10	109	JTH6T27	111
HVNCVT-2	223	JTH4E11	109	JTH6T30	111
<b>I</b>		JTH4E12	109	JTH6T40	111
IR2000A	218	JTH4E13	109	JTH910E	109
IR5	218	JTH4E14	109	JTH98M	111
<b>J</b>		JTH4E15	109	JTH9E06	109
J1005	26, 36	JTH4E17	109	JTH9E07	109
J1100L	229	JTH610E	109	JTH9E08	109
J1101R	229	JTH610EB	108	JTH9E09	109
J1102S	229	JTH67T	111	JTH9E10	109
J12098	10, 24	JTH68M	111	JTH9E11	109
J2000-28	11, 25	JTH68MB	110	JTH9E12	109
J2000-48	12, 25	JTH6E06	109	JTH9E13	109
J20008	8, 23	JTH6E06BE	108	JTH9E14	109
J2000-9NE	8, 23	JTH6E07	109	JTH9E15	109
J2000-9NECR	9, 23	JTH6E07BE	108	JTH9E17	109
J2000-9NECRTP	9, 24, 129	JTH6E08	109	JTH9M10	110
J2000-9NETP	9, 23, 129	JTH6E08BE	108	JTH9M2	110
J20017NE	24	JTH6E09	109	JTH9M25	110
J203-6	16, 26	JTH6E09BE	108	JTH9M3	110
J203-7	16, 26	JTH6E10	109	JTH9M4	110
J203-8	16, 25	JTH6E10BE	108	JTH9M5	110
J203-8N	16, 25	JTH6E11	109	JTH9M6	110
J206-8C	15, 25	JTH6E11BE	108	JTH9M8	110
J207-8CR	15, 25	JTH6E12	109	<b>K</b>	
J2100L	230	JTH6E12BE	108	K14	77
J2101R	230	JTH6E13	109	K1412	32
J2102S	230	JTH6E13BE	108	K1412CAN	33
J2103S	229	JTH6E14	109	K16	77
J2104L	229	JTH6E14BE	108	K19	77
J2105R	229	JTH6E15	109	K23	77
		JTH6E15BE	108	K28	77
		JTH6E17	109	K34	77
		JTH6E17BE	108	K36	77
		JTH6M10	110	K38	77
		JTH6M10BE	110	K44	77
		JTH6M2	110	K46	77
		JTH6M25	110		
		JTH6M25BE	110		

Item	Page	Item	Page	Item	Page
K48	77	KTSB03	242	P212	76
K7	85	KTSB11	242	P28	76
KN1500PEX	270	KTSB14	242	P-406	230
KN1500PEXH	270	KTSB15	242	P-407	230
KP075-24	291			PH115	90
KP075-36	291	<b>L</b>		PH1355	90
KP100-24	291	LL10	113	PH162	90
KP100-36	291	LL12	113	PH2115	90
KP150-36	291	LL14	113	PH2355	90
KPJ100	291	LL16	113	PH262	90
KPJ50	291	LL2	113	PH315	90
KPJ75	291	LL20	113	PH3355	90
KPL125-1	291	LL24	113	PH362	90
KPL150-1	291	LL4	113	PND1210	91
KPL200-1	291	LL5	113	PND125	91
KPM050	291	LL6	113	PND71610	91
KPM075	291	LL7	113	PND7165	91
KPM100	291	LL8	113	PND91610	91
KPS050-2	291	LL9	113	PND9165	91
KPS050SEN	238	LLK12	114		
KPS062-2	291	LLM10	113	<b>R</b>	
KPS075-2	291	LLM15	113	RT110	217
KPS075SEN	238	LLM2	113	RT210	217
KPS100-2	291	LLM25	113		
KPS100-3	291	LLM3	113	<b>S</b>	
KPS125-2	291	LLM4	113	S10	86
KPS150-2	291	LLM5	113	S1018	86
KPS150-3	291	LLM6	113	S1018M	85, 86
KPS200-2	291	LLM8	113	S106	85
KPS200-3	291	LMK10	114	S106M	85
KPS250-2	291			S10M	85
KPS300-2	291	<b>M</b>		S11	86
KPS350-2	291	MM300	213-214	S116	85
KSCK100-1	291	MM400	213-214	S12	86
KSSK125-1	291	MM600	212214	S126	85
KT151T	104	MM700	212214	S126M	85
KT152T	104			S-12H	106
KT155HD	104	<b>N</b>		S14	86
KT155T	104	NCVT-1	216	S146	85
KT223-INS	104	NCVT-2	216	S16	86
KT223X4	104	NCVT-3	216	S166	85
KT223X4-INS	104	NRHD	104	S18	86
KT4500	286	NRHD3	104	S-18H	106
KT4501	286	NRHDA	104	S20	86
KT4502	286	NRHDA3	104	S5	86
KT4600	286			S5118PRS	151
KT4601	286	<b>P</b>		S6	86
KT4602	286	P12	76	S66	85
KT4650	286	P18	76	S-6H	106
KT4652	286	P202	76	S7	86
KT4800	286			S8	86
KT4801	286			S818	86
KT4802	286				
KTSB01	242				

Item	Page	Item	Page	Item	Page
S818M	85, 86	VDV211-038	194	VDV826-600	196, 197
S86	85	VDV211-041	194	VDV826-601	196
S86M	85	VDV211-043	194	VDV826-602	196
S8M	85	VDV211-048	190, 197	VDV826-603	196, 197
S9	86	VDV211-063	190, 197	VDV826-604	196
SK234	77	VDV212-008-SEN	190	VDV826-605	196
SL1415	90	VDV212-034	194	VDV826-611	196
SL14355	90	VDV226-011-SEN	191	VDV826-628	196, 197
SL31615	90	VDV226-107	191, 197	VDV999-033	194
SL316355	90	VDV226-817	199		
SRS56036	127	VDV327-103	194		
SRS56037	127	VDV427-015-SEN	194		
SRS56038	127	VDV427-016-SEN	194		
SS10	86	VDV427-104	193, 194		
SS12	86	VDV427-800-SEN	193		
SS8	86	VDV427-805-SEN	193		
		VDV427-807	193		
		VDV427-822	192		
		VDV500-051	205		
		VDV500-060	205		
		VDV500-808	205		
		VDV501-053	201		
		VDV501-098	201		
		VDV501-108	201		
		VDV501-815	206		
		VDV501-823	202		
		VDV501-824	202		
		VDV501-825	202		
		VDV501-826	202		
		VDV501-828	200		
		VDV501-829	200		
		VDV512-056	203		
		VDV512-057	204		
		VDV512-058	204		
		VDV526-052	204		
		VDV526-054	206		
		VDV526-055	203		
		VDV600-096	188, 197		
		VDV770-050	194		
		VDV770-080	203		
		VDV770-827	202		
		VDV770-834	200		
		VDV812-606	195, 197		
		VDV812-612	195		
		VDV812-615	195, 197		
		VDV812-618	195		
		VDV812-623	195, 197		
		VDV812-624	195		
		VDV812-627	195		
		VDV813-607	195, 197		
		VDV813-613	195		
		VDV813-616	195, 197		
		VDV813-619	195		
		VDV814-609	195		

## T

T1710	37
T1715	37
TT1	300
TT2	300

## V

VDV000-133	197
VDV001-081	192
VDV002-818	199
VDV002-820	199
VDV012-811	198
VDV026-049	29, 191
VDV026-812	198
VDV027-813	198
VDV100-801-SEN	189
VDV110-003-SEN	189
VDV110-004-SEN	189
VDV110-020	189
VDV110-046	35
VDV110-061	188, 197
VDV110-095	188
VDV110-802-SEN	189
VDV113-021	189
VDV113-022	189
VDV120-005-SEN	189
VDV120-006-SEN	188
VDV200-010	194
VDV201-040	194
VDV201-042	194
VDV205-035	194
VDV205-036	194
VDV205-039	194
VDV205-044	194
VDV211-037	194









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