

# KLEIN TOOLS®

TOOL CATALOG 154



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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 150 years of hard work and dedication has earned Klein the reputation of supplying only the finest quality products for users of professional hand tools and occupational protective equipment.



Klein's reputation as a leading producer of professional-quality products is global. Klein Tools products are available worldwide through a well-established network of agents and distributors who stock what is needed for their particular markets.





# Company History

## The Klein Difference

Not all hand tools are the same. With Klein tools, there really is a difference – a difference you can see and feel every time you use them.

What sets Klein apart from other manufacturers are the extra steps we take to make our tools special. Things like induction hardening...hot riveting...and using the highest-quality U.S. materials. These are the reasons why professional tool users have preferred the Klein brand for over 150 years.

The Klein brand is the #1 preferred hand tool in the electrical industry, as well as one of the leading brands used in the maintenance, construction, and industrial trades. Loyalty to Klein Tools is strong due to Klein Tools' commitment to professional tradesmen; professionals feel the difference every day. This catalog has been designed to point out the features and benefits that make Klein tools exceptional. Use it as a reference when comparing the Klein brand with other hand tools.

The Klein Difference. It's what makes Klein Tools the brand you can depend on.





# 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.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Pliers





# Introduction – Pliers

## Klein Quality

All 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 resharpening.

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 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.
- 9. Always wear approved eye protection such as protective goggles or a face mask.**

## 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.

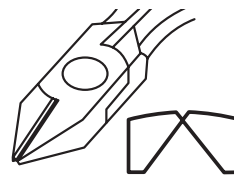
### Standard Cutting Edges

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



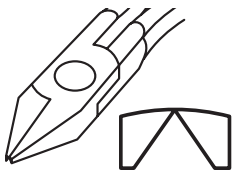
### Semi-Flush Cutting Edges

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.



## 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.

**A** – Overall Length

**B** – Jaw Length

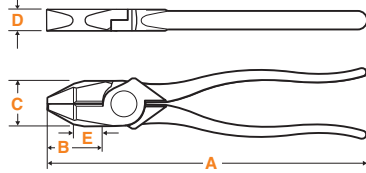
**C** – Jaw Width

**D** – Jaw Thickness

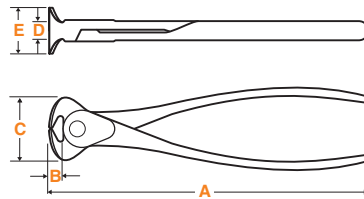
**E** – Knife Length

**F** – Point Thickness

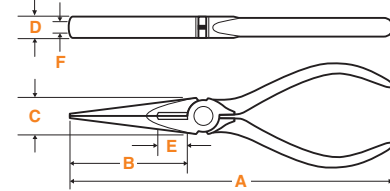
### 1. Side-Cutting Pliers



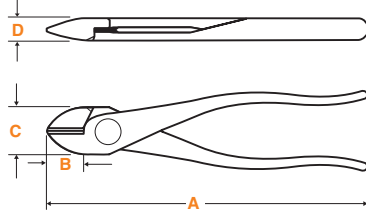
### 3. End-Cutting Pliers



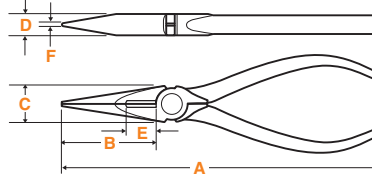
### 5. Flat-Nose and Duck-Bill Pliers



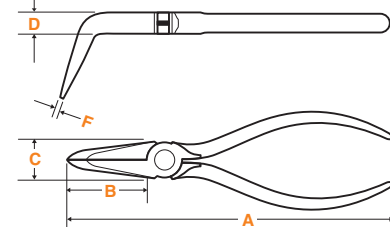
### 2. Diagonal-Cutting Pliers



### 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.

## Side-Cutting Pliers

### Features:

**Custom, US-made tool steel.**

**“Handform” handles** for full gripping and cutting power.

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

**2000 SERIES®** pliers available. Cuts ACSR, screws, nails, and most hardened wire.

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

**Plastic-dipped handles<sup>†</sup>** 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.**



All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.





# Side-Cutting Pliers

## High-Leverage Side-Cutting Pliers – Heavy-Duty Cutting 2000 SERIES®

### Additional Features:

- Cuts hardwire, 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 plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.
- Features combination polished and black-oxide finish.



D2000-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D2000-7	New England	7-7/8" (200 mm)	1-9/32" (33 mm)	1-1/32" (26 mm)	1/2" (13 mm)	3/4" (19 mm)	plastic-dipped	royal blue	.66
D2000-8	New England	8-11/16" (221 mm)	1-7/16" (37 mm)	1-7/64" (28 mm)	5/8" (16 mm)	3/4" (19 mm)	plastic-dipped	royal blue	.85
D2000-9NE	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.09
HD2000-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	heavy-duty, oversized, plastic-dipped	light red	1.15

### Journeyman 2000 Series – Dual-material handles

J2000-8	New England Tapered	8-13/16" (224 mm)	1-7/16" (37 mm)	1-7/64" (28 mm)	5/8" (16 mm)	3/4" (19 mm)	Journeyman	light blue/black	.93
J2000-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.13

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 plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.



D213-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-8NE	New England	8-11/16" (221 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	plastic-dipped	dark blue	.90
D213-9NE	New England	9-1/4" (235 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plain	n/a	1.05
D213-9NE	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.14
HD213-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	heavy-duty, oversized, plastic-dipped	light red	1.15

### Journeyman Series – Dual-material handles

J213-8NE	New England	8-13/16" (224 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	Journeyman	dark blue/black	0.97
J213-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.13

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 plier designs.
- Sure-gripping, cross-hatched knurled jaws.



D213-9

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9	Square	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.07

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

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

### Additional Features:

- Quickly and 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 plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.



D213-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NETP	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.06
<b>Journeyman Series – Dual-material handles</b>									
J213-9NETP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.11
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NETP	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.09
<b>Journeyman 2000 Series* – Dual-material handles</b>									
J2000-9NETP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.14

\*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 plier designs.
- Streamlined design with rounded nose and sure-gripping, cross-hatched knurled jaw.



D213-9NETH

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NETH	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.18
HD213-9NETH	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	heavy-duty, oversized, plastic-dipped	light red	1.12
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NETH	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.18

\*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 of 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 plier designs.
- Streamlined design with rounded nose and sure-gripping, cross-hatched knurled jaws.



D213-9NECR

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NECR	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	yellow	1.08
<b>Journeyman Series – Dual-material handles</b>									
J213-9NECR	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	yellow/black	1.13
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NECR	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.08
<b>Journeyman 2000 Series* – Dual-material handles</b>									
J2000-9NECR	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.12

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

Refer to the insulated section for insulated pliers.

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



# Side-Cutting Pliers

## Side-Cutting Pliers

Additional Feature:

- Sure-gripping, cross-hatched knurled jaws.



D201-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight(lbs.)
<b>Streamlined Design</b>									
D201-7NE	New England	7-7/16" (189 mm)	1-9/32" (33 mm)	1-1/16" (27 mm)	1/2" (13 mm)	5/8" (16 mm)	plastic-dipped	dark blue	.55
D201-8NE	New England	8-11/16" (221 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	plastic-dipped	dark blue	.92
D201-9NE	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.09
<b>Square Nose</b>									
D201-8	Square	8-11/16" (221 mm)	1-7/16" (37 mm)	1-7/32" (31 mm)	5/8" (16 mm)	23/32" (18 mm)	plastic-dipped	dark blue	.93
D201-9	Square	9-3/8" (238 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.10

## 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 gripping power.



12098

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
12098	Universal	8-5/8" (219 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	17/32" (13 mm)	3/4" (19 mm)	plastic-dipped	dark blue	.72
<b>Journeyman Series – Dual-material handles</b>									
J12098	Universal	8-3/4" (222 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	17/32" (13 mm)	3/4" (19 mm)	Journeyman	dark blue/black	.82

Refer to the insulated section for insulated pliers.

## Ironworker's Work Pliers – High-Leverage

Additional Features:

- Twists and cuts soft annealed rebar tie wire.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Hook bend handle.
- Spring-loaded action for self-opening.
- Heavy-duty knurled jaws.



D213-9ST

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
213-9ST	Square	9-1/4" (235 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plain	n/a	1.02
D213-9ST	Square	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.10
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9ST	Square	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.10

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

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Ironworker’s Work Pliers – Standard

- Additional Features:
- Twists and cuts soft annealed rebar tie wire.
  - Hook bend handle.
  - Spring-loaded action for self-opening.
  - Heavy-duty knurled jaws.



D201-7CST

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight(lbs.)
201-7CST	Square	9-1/8" (232 mm)	1-9/32" (33 mm)	1-5/32" (29 mm)	1/2" (13 mm)	5/8" (16 mm)	plain	n/a	.67
D201-7CST	Square	9-1/4" (235 mm)	1-9/32" (33 mm)	1-5/32" (29 mm)	1/2" (13 mm)	5/8" (16 mm)	plastic-dipped	dark blue	.63
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-7CST	Square	9-1/4" (235 mm)	1-9/32" (33 mm)	1-5/32" (29 mm)	1/2" (13 mm)	5/8" (16 mm)	plastic-dipped	royal blue	.63

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

Diagonal-Cutting Pliers

Features:

Custom, US-made tool steel.

Plastic-dipped handles<sup>†</sup> 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.

2000 SERIES<sup>®</sup> pliers available. Cuts ACSR, screws, nails, and most hardened wire.

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

All dimensions are in inches and (millimeters).

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Pliers



# Diagonal-Cutting Pliers

## High-Leverage Diagonal-Cutting Pliers

Additional Feature:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



D2000-28

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D228-7	7-1/8" (181 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.54
D228-8	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.60
<b>Journeyman Series – Dual-material handles</b>								
J228-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.67
<b>2000 Series* – Heavy-duty cutting knives</b>								
D2000-28	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	royal blue	.60
<b>Journeyman 2000 Series* – Dual-material handles</b>								
J2000-28	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.67

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



D2000-48

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D248-8	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.60
D238-8	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	semi-flush**	plastic-dipped	red	.59
<b>Journeyman Series – Dual-material handles</b>								
J248-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.61
<b>2000 Series* – Heavy-duty cutting knives</b>								
D2000-48	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	royal blue	.60
<b>Journeyman 2000 Series* – Dual-material handles</b>								
J2000-48	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.61

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

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

Refer to the insulated section for insulated pliers.

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

Additional Features:

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



D243-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D243-8	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.60

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



# Diagonal-Cutting Pliers

## High-Leverage Diagonal-Cutting Pliers

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 plier designs.



D248-9ST

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D248-9ST	9-3/16" (233 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.68

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

Additional Features:

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



D220-7

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D220-7	7-11/16" (195 mm)	1" (25 mm)	31/32" (25 mm)	1/2" (13 mm)	standard	plastic-dipped	red	.54

Refer to the insulated section for insulated pliers.

## Heavy-Duty Diagonal-Cutting Pliers – All Purpose

Additional Features:

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



D252-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D252-6	6-1/8" (156 mm)	13/16" (21 mm)	3/4" (19 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.38

### Bell System Type "W" Notches – Slit insulation cleanly

D252-6SW	6-1/8" (156 mm)	13/16" (21 mm)	3/4" (19 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.33
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## Standard Diagonal-Cutting Pliers – Tapered Nose

Additional Feature:

- Easy working in confined areas.



D202-5C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D202-5	5-9/16" (142 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.28
D202-5C*	5-9/16" (142 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.27
D202-6	6-1/8" (156 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.29
D202-6C*	6-1/8" (156 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.31

### Bell System Type "W" Notches – Slit insulation cleanly

D202-5SW	5-9/16" (142 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.28
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\*Spring-loaded action for self-opening.

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Pliers





## Diagonal-Cutting Pliers

### Standard Diagonal-Cutting Pliers – Tapered Nose

Additional Feature:

- Tapered nose for easy working in confined areas and close tip cutting.



D245-5

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D245-5	5-1/16" (129 mm)	11/16" (18 mm)	9/16" (14 mm)	3/8" (10 mm)	standard	plastic-dipped	red	.20
D245-5C*	5-1/16" (129 mm)	11/16" (18 mm)	9/16" (14 mm)	3/8" (10 mm)	standard	plastic-dipped	red	.20

\*Spring-loaded action for self-opening.

### 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 (lbs.)
D210-5C	5-9/16" (142 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	semi-flush	plastic-dipped	red	.27
D210-6C	6-1/8" (156 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	semi-flush	plastic-dipped	red	.29

### Standard Diagonal-Cutting Pliers – Stripping Hole

Additional Features:

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



D240-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D240-6	6-1/8" (156 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.30

## Diagonal-Cutting Electronics Pliers

### Diagonal-Cutting – Pointed Nose, Narrow Jaws

Additional Features:

- Narrow jaw and hinge for delicate work in tight areas.
- Sharp pointed-nose for precise tip cutting.
- Spring-loaded action for self-opening.



D244-5C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D244-5C	5-1/16" (129 mm)	11/16" (18 mm)	1/2" (13 mm)	5/16" (8 mm)	flush	plastic-dipped	royal blue	.18

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

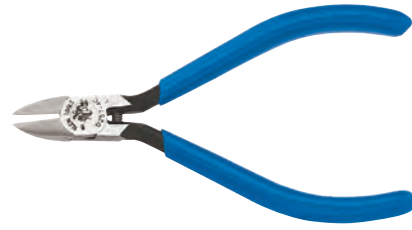
**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

# Diagonal-Cutting Electronics Pliers

## Midget Standard Diagonal-Cutting Pliers

Additional Feature:

- Tapered nose for easy working in confined areas and close tip cutting.



D257-4C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D257-4	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.12
D257-4C*	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.12

\*Spring-loaded action for self-opening.

## Midget Diagonal-Cutting Pliers – Pointed Nose

Additional Features:

- Sharp pointed nose for precise tip cutting and trimming printed circuit boards.
- Spring-loaded for self-opening action.



D209-5C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D209-4C	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.13
D209-5C	5-1/16" (129 mm)	11/16" (18 mm)	9/16" (14 mm)	3/8" (10 mm)	semi-flush	plastic-dipped	royal blue	.19

## Midget Diagonal-Cutting – Pointed Nose, Extra Narrow Jaws

Additional Features:

- Narrow jaw and hinge for delicate work in tight areas.
- Sharp pointed-nose for precise tip cutting.
- Spring-loaded action for self-opening.



D259-4C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D259-4C	4-1/4" (108 mm)	1/2" (13 mm)	13/32" (10 mm)	1/4" (6 mm)	flush	plastic-dipped	royal blue	.12

## Midget Diagonal-Cutting Pliers – Tapered Nose, Midget Jaws

Additional Features:

- Miniature jaw for close-quarter work with maximum visibility.
- Sharp pointed nose for precise tip cutting.
- Spring-loaded action for self-opening.



D295-4C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D295-4C	4-1/4" (108 mm)	1/2" (13 mm)	3/8" (10 mm)	1/4" (6 mm)	flush	plastic-dipped	royal blue	.11

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



## Diagonal-Cutting Electronics Pliers

### 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.
- Tip cutting knife 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 (lbs.)
D230-4C	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.12

### Lightweight Flush Cutter

**Additional Features:**

- 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.

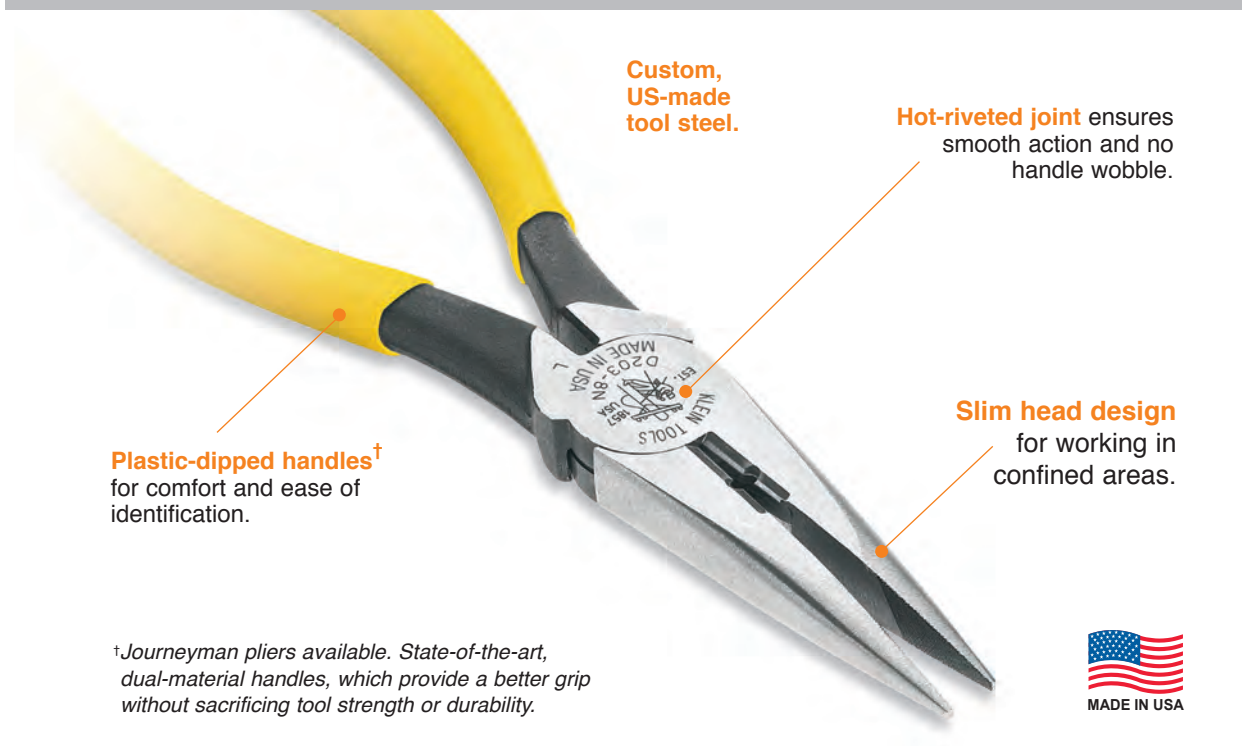


D275-5

Cat. No.	Overall Length	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D275-5	5" (127 mm)	flush	plastic	red	.11

## Long-Nose Pliers

**Features:**



All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



## 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 leverage.



D203-8NCR

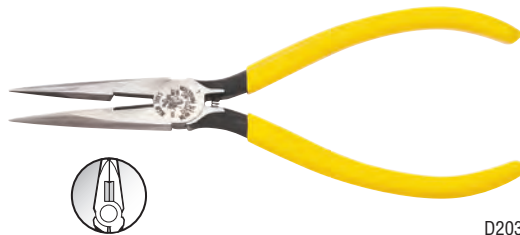
Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-8	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.60
<b>Journeyman Series – Dual-material handles</b>									
J203-8	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.63
<b>Wire Stripping – Cleanly strips 12 AWG wire</b>									
D203-8N	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.59
<b>Journeyman Series – Dual-material handles</b>									
J203-8N	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.64
<b>Wire Stripping &amp; Crimping – Cleanly strips 12 AWG wire; crimps connectors, lugs &amp; terminals</b>									
D203-8NCR	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.61

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.



D203-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-5	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.23
D203-5C*	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.23
D203-6	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.27
D203-6C*	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.27
D203-7	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.29
D203-7C*	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.29
<b>Journeyman Series – Dual-material handles</b>									
J203-6	6-3/4" (171 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.30
J203-7	7-5/16" (186 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.33
<b>Switchboard Work – Cleanly strips 19 &amp; 22 AWG wire</b>									
D203-6H2	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.26

\*Spring-loaded action for self-opening.

Refer to the insulated section for insulated pliers.

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



# Long-Nose Pliers

## Standard Long-Nose Pliers

Additional Features:

- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



D301-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D301-5C*	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.25
D301-6	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	yellow	.29
D301-6C*	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.28
D301-7C*	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.30

\*Spring-loaded action for self-opening.



Pliers



All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

## 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	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
<b>Knurled Jaws – Sure-wrapping and looping</b>									
D307-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	n/a	1/32" (.8 mm)	plastic-dipped	yellow	.15
<b>Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire</b>									
D327-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	n/a	1/16" (1.6 mm)	plastic-dipped	dark blue	.16

## 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.



D322-4 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D321-4 1/2C*	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/32 x 1/16" (.8 x 1.6 mm)	plastic-dipped	royal blue	.14
<b>Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire</b>								
D322-4 1/2C*	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/32 x 1/16" (.8 x 1.6 mm)	plastic-dipped	royal blue	.14

\*Spring-loaded for self-opening action.

## Midget Flat Long-Nose Pliers

### Additional Features:

- Jaw width tapers to narrow flat tip for sure gripping in confined areas.
- Polished inside jaws help prevent nicking wire.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



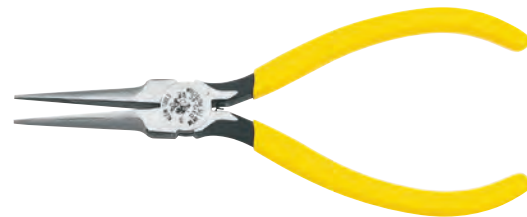
D323-4 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D323-4 1/2C	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/8 x 1/16" (3 x 1.6 mm)	plastic-dipped	royal blue	.14

## 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 (lbs.)
D310-6C	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.27

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.





# 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.



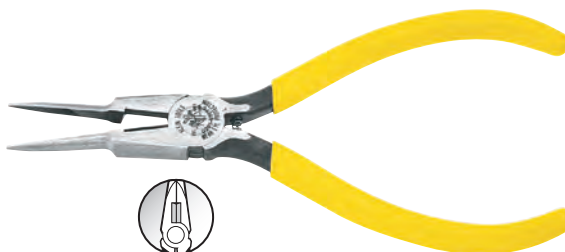
D317-5C

Cat No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D317-5C	5-1/16" (129 mm)	1-1/8" (29 mm)	1/2" (13 mm)	5/16" (8 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.14

## Needle-Nose Pliers – Side-Cutting

Additional Features:

- Extra length for added reach in confined areas.
- Knurled jaws for sure wrapping and looping.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D203-6SCPC

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-6SCPC	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.26

## 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 (lbs.)
D318-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.13

**Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire edges**

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D328-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	1/16" (1.6 mm)	plastic-dipped	dark blue	.14

## 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 (lbs.)
D335-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	15/32" (12 mm)	1/4" (6 mm)	1/16" (1.6 mm)	plastic-dipped	royal blue	.13

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



# Electronics Long-Nose Pliers

## 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 (lbs. )
D302-6	6-3/8" (162 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	yellow	.30

## 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

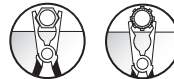
Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs. )
D320-4 1/2C	4-3/4" (121 mm)	1" (25 mm)	13/32" (10 mm)	1/4" (6 mm)	1/16" (1.6 mm)	plastic-dipped	royal blue	.13

## Special Use Long-Nose Pliers

### Conduit Locknut and Reaming Pliers

Additional Features:

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



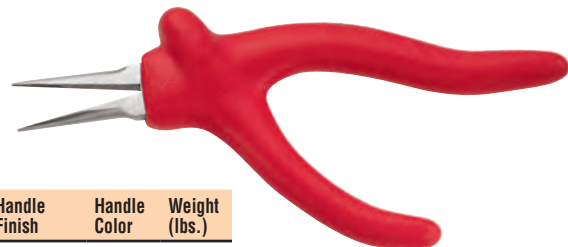
D333-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs. )
D333-8	7-3/4" (197 mm)	1-5/8" (41 mm)	15/16" (24 mm)	1/2" (13 mm)	3/16" (4.8 mm)	plastic-dipped	yellow	.55

### Needle-Nose Pliers – Fatigue Reducing

Additional Features:

- Handles minimize bending of wrist to reduce strain and fatigue.
- Knurled jaws for sure wrapping and looping.
- Spring-loaded for self-opening action.



D366-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D366-6C	8" (203 mm)	1-15/16" (49 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	foam plastic	red	.38

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

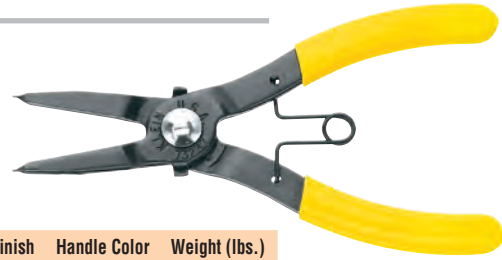
**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



# Snap Ring Pliers

## Retaining-Ring Pliers

- Sturdy steel construction with corrosion-resistant black-oxide finish.
- Heat-treated tips for long-lasting life and secure gripping.



73237

Cat. No.	Tip Size	Tip Angle	Housing I.D.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
<b>Internal Retaining-Ring – Deluxe style; spring-loaded action</b>							
73237	.038"	straight	.375" – 1.0" (9.53 mm – 25.4 mm)	5-9/16" (142 mm)	plastic-dipped	yellow	.16
73238	.038"	45°	.375" – 1.0" (9.53 mm – 25.4 mm)	5-3/8" (137 mm)	plastic-dipped	yellow	.16

Cat. No.	Tip Size	Tip Angle	Shaft O.D.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
<b>External Retaining-Ring – Deluxe style; spring-loaded action</b>							
73242	.038"	straight	1/4" – 7/8" (6.35 mm – 22.23 mm)	5-11/16" (144 mm)	plastic-dipped	yellow	.17

## Retaining-Ring Pliers – Interchangeable Tip Set

- Set contains deluxe style retaining-ring pliers and two each of these interchangeable tips: .038"/90°, .047"/straight, .047"/45°, .067"/straight.
- Pliers have spring-loaded action, sturdy steel construction, and corrosion-resistant black-oxide finish.



73249

Cat. No.	Style	Overall Length	Handle Finish	Handle Color	Description	Weight (lbs.)
73248	deluxe	6-1/4" (159 mm)	plastic-dipped	yellow	contains 1 internal pliers with tip set	.20
73249	deluxe	6-1/4" (159 mm)	plastic-dipped	yellow	contains 1 external pliers with tip set	.21
<b>Replacement Tip Set</b>						
73250	n/a	n/a	n/a	n/a	contains two each of: .038"/90°, .047"/straight, .047"/45°, .067"/straight	.02

## Special Use Pliers

### 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.

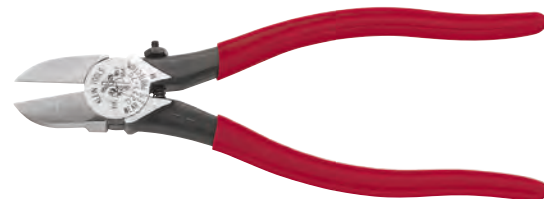


D232-8

Cat.No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D232-8	8-1/2" (216 mm)	3/8" (10 mm)	1-3/16" (30 mm)	19/32" (15 mm)	1-3/16" (30 mm)	plastic-dipped	red	.71

### 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 (lbs.)
D227-7C	7-11/16" (195 mm)	1" (25 mm)	31/32" (25 mm)	1/2" (13 mm)	flush	plastic-dipped	red	.55

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



## Locking Pliers KLEIN-LOK®

- Multi-purpose tool - Pliers, pipe wrench, adjustable wrench, all-purpose clamp and wire cutter.
- Precision machined gripping jaws for greater holding power.
- Curved jaws with pincher grip hold firmly and securely.
- Variable pressure control with a quick turn of the adjustment screw.
- Curved jaw applies four points of pressure on any style of nut or bolt.
- Release lever quickly and easily unlocks the gripping jaws.
- Alloy steel is hardened for maximum strength and durability.
- Durable nickel plated finish provides corrosion resistance and long life.
- Maximum jaw capacity of 1-5/8" (41mm).
- Cuts up to 1/4" wires and bolts.



10410



10407

Cat.No.	Cutting Capacity	Handle Finish	Jaw Type	Maximum Jaw Capacity	Overall Length	Weight (lbs.)
10407	up to 1/4" wires and bolts	nickel-plated	curved	1-5/8" (41 mm)	7" (178 mm)	.75
10410	up to 1/4" wires and bolts	nickel-plated	curved	1-7/8" (44 mm)	10" (254 mm)	1.20

## 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 (lbs.)
D511-6	6-9/16" (167 mm)	1-3/16" (30 mm)	1-3/16" (30 mm)	3/8" (10 mm)	plastic-dipped	blue	.39
D511-8	8-1/16" (205 mm)	1-3/8" (35 mm)	1-1/4" (32 mm)	7/16" (11 mm)	plastic-dipped	blue	.62
511-10	9-3/4" (248 mm)	1-3/4" (44 mm)	1-3/8" (35 mm)	15/32" (12 mm)	plain	n/a	.81
D511-10	9-7/8" (251 mm)	1-3/4" (44 mm)	1-3/8" (35 mm)	15/32" (12 mm)	plastic-dipped	blue	.83

### 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 (lbs.)
D514-8	8-1/16" (205 mm)	1-3/8" (35 mm)	1-1/4" (32 mm)	7/16" (11 mm)	plastic-dipped	blue	.61

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



## Pump Pliers

### Pipe-Wrench Pliers – Angled Head

- 90° angled jaws provide 20% more leverage than 32° angled jaws.
- Secure tongue and groove design for non-slip grip – even with heavy pressure.
- Seven versatile jaw positions.
- Handle stop design prevents pinched fingers.



D503-10

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
D503-10	10-1/4" (260 mm)	2-1/8" (54 mm)	plastic-dipped	yellow	1.14
D503-12	13-1/4" (336 mm)	2-5/8" (67 mm)	plastic-dipped	yellow	2.14

### 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 (lbs.)
D502-6	6-1/2" (165 mm)	7/8" (22 mm)	plastic-dipped	yellow	.41
D502-10	10" (254 mm)	1-3/4" (45 mm)	plastic-dipped	yellow	.97
D502-12	12-1/4" (311 mm)	2-3/8" (60 mm)	plastic-dipped	yellow	1.37
D502-16	16-3/4" (425 mm)	4-1/4" (108 mm)	plastic-dipped	yellow	3.22

#### Journeyman Series – Dual-material handles

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
J502-10	10-1/4" (260 mm)	1-3/4" (45 mm)	Journeyman	yellow/black	1.02

Refer to the insulated section for insulated pliers.

## Pliers Handles

### Replacement Klein-Koat® Tenite Pliers Handles

- Tenite plastic for slip-resistant grip and comfort.

Cat. No.	Size to Fit Pliers	Color	Weight (lbs.)
60	6" (152 mm) long	maroon	.05
70	7" (178 mm) long	maroon	.10
89	8" – 9" (203 mm – 229 mm) long	maroon	.10



70

### Replacement Comfort-Grip Pliers Handles

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

Cat. No.	Size to Fit Pliers	Color	Weight (lbs.)
55	5" – 6-1/2" (127 mm – 165 mm) long	red	.05



55

All dimensions are in inches and (millimeters).

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**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

# Journeyman™ Series

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

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Journeyman™ Series





# Side-Cutting Pliers

## Features:

Contoured thumb area for additional comfort and positive feel.

Color-coded yellow, dark blue, red, or light blue handles allow quick identification of tool.

**JOURNEYMAN**™

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

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



Hard, black material for toughness and durability.

## High-Leverage Side-Cutting Pliers

**JOURNEYMAN**™

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J213-8NE	New England	8-13/16" (224 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	Journeyman	dark blue/black	0.97
J213-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.13
<b>2000 Series* – Heavy-duty cutting knives</b>									
J2000-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.13

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

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

**JOURNEYMAN**™

Additional Features:

- Quickly and 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 plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J213-9NETP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.11
<b>2000 Series* – Heavy-duty cutting knives</b>									
J2000-9NETP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.14

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

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

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

**JOURNEYMAN**

### 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 plier designs.
- Streamlined design with rounded nose and sure-gripping, cross-hatched knurled jaws.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J213-9NECR

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J213-9NECR	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	yellow/black	1.13
<b>2000 Series* – Heavy-duty cutting knives</b>									
J2000-9NECR*	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.12

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

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

**JOURNEYMAN**

### Additional Features:

- Built-in crimper works on non-insulated connectors, lugs, and terminals.
- Built-in channel pulls steel fish tape without damaging the tape.
- 2000 series heavy-duty cutting knives cut ACSR, screws, nails, and most hardened wire.



J2000-9NECRTP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J2000-9NECRTP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.13

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

## 8" Universal Combination Pliers

**JOURNEYMAN**

### 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 (lbs.)
J12098	Universal	8-3/4" (222 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	17/32" (13 mm)	3/4" (19 mm)	Journeyman	dark blue/black	.82

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



## Side-Cutting Pliers

### 8" High-Leverage Side-Cutting Pliers

**JOURNEYMAN**

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power.
- 2000 series cut screws, nails, and most hardened wire.
- Combination polished and black-oxide finishes.



J2000-8

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J2000-8	New England Tapered	8-13/16" (224 mm)	1-7/16" (37 mm)	1-7/64" (28 mm)	5/8" (16 mm)	3/4" (19 mm)	Journeyman	light blue/black	.93

### 7" Side-Cutting Pliers

**JOURNEYMAN**

Additional Features:

- 2000 series cut 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 (lbs.)
J2001-7NE	New England	7-9/16" (192 mm)	1-9/32" (33 mm)	1-1/16" (27 mm)	1/2" (13 mm)	5/8" (16 mm)	Journeyman	light blue/black	.61

## Diagonal-Cutting Pliers

### High-Leverage Diagonal-Cutting Pliers

**JOURNEYMAN**

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.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-28

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
J228-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.67
<b>2000 Series* – Heavy-duty cutting knives</b>								
J2000-28	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.67

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

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

# 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.
- Short jaws and beveled cutting edges permit close cutting of wire.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.

**JOURNEYMAN**



J2000-48

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
J248-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.61
<b>2000 Series* – Heavy-duty cutting knives</b>								
J2000-48	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.61

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

## Long-Nose Pliers

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

### Additional Features:

- Induction-hardened, long-lasting cutting knives.
- Heavier design for greater cutting power.
- Extended handles provide added reach and leverage.
- Slim head design for working in confined areas.
- Hot-riveted joint ensures smooth action and no handle wobble.

**JOURNEYMAN**



J203-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
J203-8	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.63
<b>Wire Stripping – Cleanly strips 12 AWG wire</b>									
J203-8N	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.64

### Standard Long-Nose Pliers

**JOURNEYMAN**

### Additional Features:

- Slim head design for working in confined areas.
- Induction-hardened, long-lasting cutting knives.
- Knurled jaws for sure wrapping and looping.
- Hot-riveted joint ensures smooth action and no handle wobble.



J203-7

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
J203-6	6-3/4" (171 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.30
J203-7	7-5/16" (186 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.33

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Journeyman™ Series





## Pump Pliers

### Pump Pliers **JOURNEYMAN**

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.
- Induction-hardened jaws for long life.



J502-10

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
J502-10	10-1/4" (260 mm)	1-3/4" (45 mm)	Journeyman	yellow/black	1.02

## Crimping Tool

### Crimping/Cutting Tool – Non-Insulated/Insulated Connectors **JOURNEYMAN**

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



J1005

Cat. No.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
J1005	9-3/4" (248 mm)	Journeyman	red/black	.84

## Cable Cutter

### High-Leverage Cable Cutter **JOURNEYMAN**

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.



J63050

Cat. No.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
J63050	9-9/16" (243 mm)	Journeyman	red/black	.98

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

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

# 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®



Telecom Tools



## Bell-System Pliers Selection Chart

Bell-System Designation	Current Cat. No.
Type B Long-Nose	D301-6
List 1 Long-Nose	71980
Type B Short-Nose	D2291
Diagonal B-5	D245-5

Bell-System Designation	Current Cat. No.
Diagonal B V-Notch	D528V
Diagonal D-6	72192
8" B Sidecut	D213-8NE
9" B Sidecut	D213-9NE

Bell-System Designation	Current Cat. No.
C Pressing	D234-6
C Pressing	VDV026-049

## 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 (lbs.)
D528V	5-3/16" (132 mm)	13/16" (21 mm)	9/16" (14 mm)	3/8" (10 mm)	standard	plastic-dipped	red	.20

## Diagonal Telephone Work Pliers – Type D-6

- Tapered nose for easy working in confined areas and close tip cutting.
- Convenient .030" and .045" stripping holes.
- “V” stripping notch in jaw for quick insulation slitting (Cat. No. 72192 only).
- Serrated behind the hinge to crush insulation.



72192

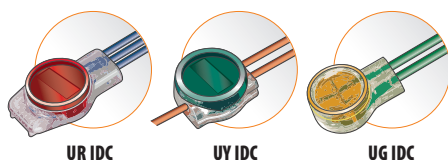
Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
72192	6-1/8" (156 mm)	13/16" (21 mm)	3/4" (19 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.33

## Scotchlok® Connector Crimping Pliers

- Crimps and seats UG, UR, and UY connectors.
- Curved handles for greater control.
- Induction-hardened side-cutting knives for long life.



D234-6



UR IDC

UY IDC

UG IDC

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D234-6	5-13/16" (148 mm)	1-3/32" (28 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	plastic-dipped	yellow	.25
D234-6C*	5-13/16" (148 mm)	1-3/32" (28 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	plastic-dipped	yellow	.25

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

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



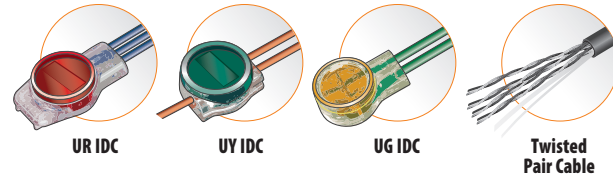
## Connector Crimping Long-Nose Pliers

- 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 knives for long life.
- Yellow plastic grips enhance comfort, visibility and allow quick identification.

Scotchlok® is a registered trademark of 3M Corporation.



VDV026-049



UR IDC

UY IDC

UG IDC

Twisted Pair Cable

Cat. No	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (oz.)
VDV026-049	6.80" (173 mm)	2.00" (51 mm)	0.70" (18 mm)	0.38" (10 mm)	0.44" (11 mm)	0.095 x 0.125 (2.0 x 3.0 mm)	plastic-dipped	yellow	4.5

## Long-Nose Telephone Work Pliers – Stripping

- Cleanly strips 22 (.34 mm<sup>2</sup>) to 24 (.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 Thickness	Handle Finish	Handle Color	Weight (lbs.)
D2291	6" (152 mm)	1-1/4" (32 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" x 3/32" (1.6 mm x 2 mm)	plastic-dipped	yellow	.25

## Long-Nose Telephone Work Pliers – Type L1

- Knurled jaw tips for greater gripping power.
- Induction-hardened side-cutting knives for long life.
- Convenient .030" stripping hole.
- Curved handles provide greater tool control.



71980

Cat. No.	Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
71980	L1	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" x 3/32" (1.6 mm x 2 mm)	plastic-dipped	yellow	.25



## 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 Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-6H2	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.26

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.





# Telecom Tools

## 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.	Description	Length	Handle Diameter	Weight (lbs.)
68005	3/8" and 7/16" hex nut	7" (178 mm)	1" (25 mm)	.350

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

## Bell System Type



3146B

- Similar to standard lineman's wrench, but with end openings sized to NEMA hardware specifications.
- Silver painted finish.

Cat. No.	Description	Length	Weight (lbs.)
3146B	Large end has 1-1/16" and 1-3/16" openings. Small end has 11/16" and 7/8" openings.	13" (330 mm)	1.76

# Steel Strand Wire Pulling Grips

## Bell System B, L, and H Chicago® Grips – 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.
- 1684 - 5AT is identical to Bell-System type "L" Strand Puller.
- 1628 - 16AT is identical to Bell-System type "H" Strand Puller.



1659-5AT

Cat. No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>			
1659-5AT ("B" Strand Puller)	.20" - .37" (5.08 mm - 9.40 mm)	5" (127mm)	6.70 lbs. (3.03 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>			
1684-5AT ("L" Strand Puller)	.218" - .550" (5.54 mm - 13.97 mm)	5" (127mm)	6.9 lbs (3.13 kg)
1692-5AT ("L" Strand Puller)	.218" - .550" (5.54 mm - 13.97 mm)	5" (127mm)	6.6 lbs (3.00 kg)
<b>15,000 lbs. (6,803 kg) Maximum Safe Load</b>			
1628-16AT ("H" Strand Puller)	.31" - .62" (7.87 mm - 15.75 mm)	7 1/4" (184 mm)	15.80 lbs (7.16 kg)

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

**⚠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.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.



# Voice/Data/Video Tools

Professionals prefer Klein's high quality materials and construction for durable long-lasting tools. Klein VDV Tools provide time savings and reliability, especially in high-volume environments.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Voice/Data/Video Tools



## Voice/Data/Video Tools

### Katapult® Coaxial Cable Stripper KATAPULT®

- Quick and easy RG6 coaxial cable stripping.
- Compound action cable stripping – grip and strip via single action squeezing motion.
- Precision, machined steel cutting blades cleanly and easily strip RG6 coaxial cable.
- 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.
- Yellow grips enhance comfort and visibility, and allow quick identification.
- Katapult® Wire Stripper – 8 – 22 AWG (Cat. No. 11063), wire stop/gauge and replacement blade sets are also available.



RG6

VDV110-045

Cat. No.	Color	Strips	Level(s)	Overall Length	Weight (oz.)
VDV110-045	yellow/black	RG6	1 center condutor, 1 outer jacket	6.6" (168 mm)	12.1
Replacement Blades Sets					
VDV110-046	RG6 coaxial cable replacement blades				.01
11073	8 – 22 AWG wire stripping blades				.01
11074	16 – 26 AWG (1.0 mm <sup>2</sup> – .14 mm <sup>2</sup> )				.01
Wire Stop/Gauge					
11081	adjustable wire stop				.01



Coax Cable

Klein Tools offers a complete line of  
Voice/Data/Video Test Products



See page 284 for more details.

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Read carefully and understand instructions before using this tool.

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**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Never use on or near live electrical circuits.

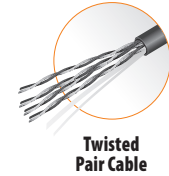


## Radial Stripper UTP/STP

- One-step outer jacket stripping, 1-level, of category 3, 5, 5e, and 6 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.
- Bright, highly visible color for easy identification.



VDV120-006



Twisted Pair Cable

UTP		STP					
Cat. No.	Color	Strips or Slits	Level(s)	Strip/Slit Dimensions	Prepared Cable	Overall Length	Weight (oz.)
VDV120-006	yellow	unshielded twisted pair shielded twisted pair	1	strip length varies by application		4.4" (112 mm)	1.3

## Coax Cable Stripper – 2-Level, Radial

- Designed for easy single operation cable preparations.
- Exclusive sliding depth gauge for easy debris clean-out and variable stripping capability.
- Durable high-carbon steel pre-set cutting-blades for precise, accurate cable stripping.
- 2-level coaxial preparation – 5/16" x 1/4" (7.9 mm x 6.4 mm).
- Exclusive sliding depth gauge for easy debris clean-out and variable stripping capability.
- Finger loop promotes rotation during use.
- Bright, highly visible color for easy identification.



NEW!

VDV110-061



Coax Cable 2 Level

R59		RG6		RG6-QS			
Cat. No.	Color	Levels	Strip Dimensions	Blade Configuration	Prepared Cable	Overall Length	Weight (oz)
VDV110-061	yellow/black	2	5/16" x 1/4" (7.9 mm x 6.4 mm)			4.6" (116 mm)	1.2

All dimensions are in inches and (millimeters).

**WARNING:** Read carefully and understand instructions before using this tool.

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Never use on or near live electrical circuits.





# Voice/Data/Video Tools

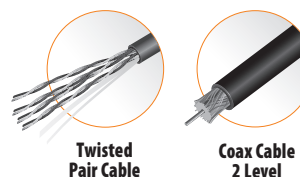
## Dual Cartridge Radial Stripper – 2 & 1 Level

- 2-level coaxial preparation of 5/16" x 1/4" (7.9mm x 6.4mm).
- Strips outer jacket of Unshielded Twisted-Pair (UTP) cables (category 3, 5, 5e and 6), 1-level preparation.
- Designed for high-volume, multiple-type cable preparation environments.
- Two "active" stripping cartridge-bays and third "storage" cartridge-bay.
- One-piece construction ensures precise stripping and never requires adjustment.
- Large finger loop promotes rotation during use.
- Cartridges snap in from both sides for left or right-handed operation.
- F-Connector "nest" assists with cable insertion.
- Durable high-carbon steel cartridge cutting blades are ground and honed for long life.
- Durable Delrin® resin for outstanding wear.
- Replacement cartridges available.

Delrin® is a registered trademark of DuPont.







VDV100-801



Twisted Pair Cable

Coax Cable 2 Level

Cat. No.	Set Contains						Overall Length	Weight (oz.)	
VDV100-801								5.6" (143 mm)	2.4
Cat. No.	Description	Color	Level(s)	Strip Dimensions	Blade Configuration	Prepared Cable			
VDV100-001	dual cartridge radial stripper frame	yellow	–	–	–	–			
VDV110-003	RG59/RG6/RG6 QS coaxial cable	black	2	5/16" x 1/4" (7.9 mm x 6.4 mm)					
VDV120-005	UTP cable	blue	1	variable					

RG6

RG59

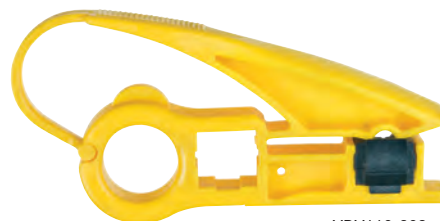
RG6 QS

UTP

## Radial Cartridge Strippers

- 2-level coaxial preparation of 5/16" x 1/4" (7.9 mm x 6.4 mm) (Cat. No. VDV110-802).
- 3-level coaxial preparation of 0.235" x 0.235" (6 mm x 6 mm) and trimming center conductor to desired length (Cat. No. VDV113-804).
- Designed for high-volume, cable preparation environments.
- "Active" stripping cartridge-bay and second "storage" cartridge-bay.
- One-piece construction ensures precise stripping and never requires adjustment.
- Large finger loop promotes rotation during use.
- 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.
- Durable Delrin® resin for outstanding wear.
- Replacement cartridges available.

Delrin® is a registered trademark of DuPont.









VDV110-802



Coax Cable 3 Level

Coax Cable 2 Level

Cat. No.	Set Contains						Overall Length	Weight (oz.)
VDV110-802							5.2" (133 mm)	2.1
	Cat. No.	Description	Color	Level(s)	Strip Dimensions	Blade Configuration	Prepared Cable	
<b>RG6</b>	VDV100-002	radial cartridge stripper frame	yellow	–	–	–	–	
	VDV110-003	RG59/RG6/RG6 QS coaxial cable	black	2	5/16" x 1/4" (7.9 mm x 6.4 mm)			
<b>RG6-QS</b>								
<b>RG59</b>								
Cat. No.	Set Contains						Overall Length	Weight (oz.)
VDV113-804							5.2" (133 mm)	2.1
	Cat. No.	Description	Color	Level(s)	Strip Dimensions	Blade Configuration	Prepared Cable	
<b>RG58</b>	VDV100-002	radial cartridge stripper frame	yellow	–	–	–	–	
	VDV113-021	RG58/RG59/RG62 coaxial cable	green	3	0.235" x 0.235" x variable (6 mm x 6 mm x variable)			
<b>RG59</b>								
<b>RG62</b>								

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Read carefully and understand instructions before using this tool.

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠ WARNING:** Never use on or near live electrical circuits.

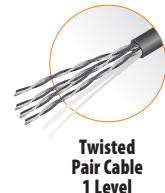
## Radial Stripper Cartridges

Designed for use with:

Dual Cartridge Radial Stripper (Cat. No. VDV100-801)  
Dual Cartridge Radial Stripper Frame (Cat. No. VDV100-001)  
Radial Cartridge Stripper (Cat. Nos. VDV110-802 & VDV113-804)  
Radial Cartridge Stripper Frame (Cat. No. VDV100-002)

- 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.

\*All cartridges except for VDV120-005.



Cat No.	Cable	Color	Level	Cartridge Strip Dimensions	Cable Illustration	Cartridge Detail	Weight (oz.)
VDV110-003	RG59/RG6/RG6 QS coaxial cable	black	2	5/16" x 1/4" (7.9 mm x 6.4 mm)			0.1
VDV110-004	RG7/RG11 coaxial cable	gray	2	5/16" x 1/4" (7.9 mm x 6.4 mm)			0.1
VDV120-005	UTP cable (category 3, 5, 5e and 6)	blue	1	variable			0.1
VDV110-020	mini-coaxial cable	green	2	1/4" x 1/4" (6.4 mm x 6.4 mm)			0.1
VDV113-021	RG58/RG59/RG62 coaxial cable	green	3	0.235" x 0.235" x variable (6 mm x 6 mm x variable)			0.1
VDV113-022	RG58/RG59/RG62 coaxial cable	brown	3	0.109" x 0.312" x variable (2.8 mm x 7.9 mm x variable)			0.1

All dimensions are in inches and (millimeters).

**⚠WARNING:** Read carefully and understand instructions before using this tool.

**⚠WARNING:** Always wear approved eye protection.

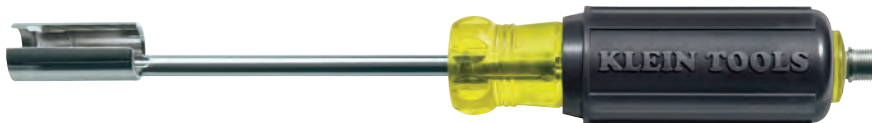
**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.



## Voice/Data/Video Tools

### Cushion-Grip F-Connector Insertion/ Extraction Tool



VDV312-012

- 3/8"-32 Threaded end holds standard F-Connectors for cable insertion.
- 5" long shaft with 7/16" socket extends reach for connecting/removing F-connectors.
- Cushion-Grip handle for greater torque and enhanced comfort.
- Precision machined high-carbon steel is hardened for long life.
- Durable chrome finish resists corrosion and extends tool life.

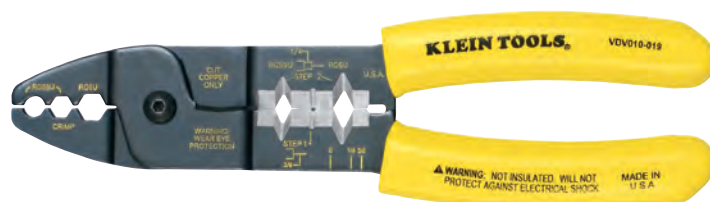


F Connector

Cat. No.	Color	Shank Tip	Handle Tip	Shank Length	Finish	Overall Length	Weight (oz.)
VDV312-012	yellow/black	7/16" open socket	3/8"-32 threaded male F-connector	5" (127 mm)	chrome-plated	8.8" (222 mm)	7.5

### Coaxial Cable All-In-One Tool

- Machined steel cutting blades cleanly and easily cut RG6 and RG59 coaxial cable.
- Diamond-shaped stripping nests efficiently remove outer jacket of coaxial cable.
- Precision ground stripping hole easily removes inner dielectric insulation without damaging the center conductor.
- Two hex-crimping dies and a ring-crimping die quickly and accurately crimp connectors to coaxial cable.
- High carbon-steel body with black-oxide finish for corrosion resistance and durability.
- Yellow grips enhance comfort and visibility, and allow quick identification.



VDV010-019



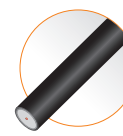
Hex BNC Connector



HEX F Connector



Coax Cable



Coax Cable

R59	RG6
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Cat. No.	Color	Type	Cable	Connectors	Overall Length	Weight (oz)
VDV010-019	yellow/black	cutter, stripper, hex-crimper	coaxial	BNC and F	8.5" (216 mm)	7.5

### 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



F Connector



Coax Cable

Mini-Coax	R59	RG6	RG6-QS
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Cat. No.	Color	Type	Cable	Connectors	Overall Length	Weight (oz.)
VDV212-008	yellow/black	compression crimper	coaxial	common F connectors	5.6" (142 mm)	9.8

All dimensions are in inches and (millimeters).

**⚠WARNING:** Read carefully and understand instructions before using this tool.

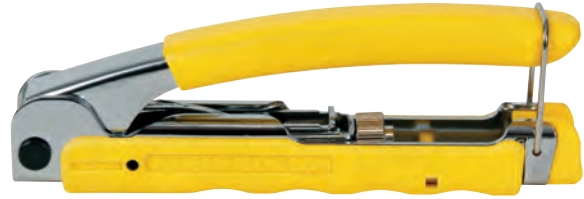
**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

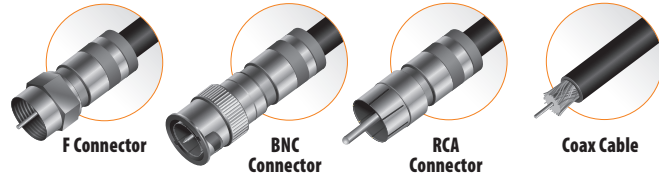
**⚠WARNING:** Never use on or near live electrical circuits.

## Compression Crimper – Compact, Multi-Connector

- Fast, reliable multiple-type compression connector installations.
- Crimps compression BNC, F and RCA connectors to coaxial cable.
- Steel body with chrome finish resists corrosion and extends tool life.
- 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.
- Compact tool with integrated handle lock for easy storage.
- Enhanced pivot point for smooth wobble free operation.
- Spring loaded return increases user comfort and ease of use.
- Integrated F-connector "nest" assists with cable insertion.
- Yellow contoured grips enhance comfort, visibility and allow quick identification.



VDV211-048



Mini-Coax	R59	RG6	RG6-QS
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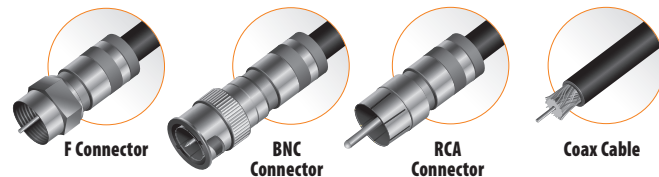
Cat. No	Color	Type	Cable	Connectors	Overall Length	Weight (oz.)
VDV211-048	yellow/chrome	compression crimper	coaxial	BNC F RCA	5.6" (142 mm)	8.0

## Compression Crimper – Lateral, Multi Connector

- One tool crimps most 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 not 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.
- 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



Mini-Coax	R59	RG6	RG6-QS
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Cat. No	Color	Type	Cable	Connectors	Overall Length	Weight (oz.)
VDV211-063	yellow/black	compression crimper	coaxial	BNC F RCA	6.25" (158 mm)	18.5

All dimensions are in inches and (millimeters).

**⚠WARNING:** Read carefully and understand instructions before using this tool.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.





## Voice/Data/Video Tools

### Compression Crimper – Lateral, Adjustable F-Connector

- Professional tool for CATV, Home Theater, Satellite and Security System applications where reliable high-volume F-Connector installation is required.
- Plunger tip can be adjusted to allow assembly of multiple compression F-Connectors.
- High strength cast aluminum body for long life.
- Lateral design with split jaw for easy insertion and removal of cable and connector.
- Universal plunger tip, factory preset and calibrated for the following connectors:
  - Arris-Digicon-S™ & T™
  - Corning Cabelcon-CX3
  - Corning Gilbert ULTRAEASE™ & ULTRARANGE™
  - F-Conn-FS
  - Stirling/Ideal® Industries
  - Holland SLC
  - PCT - DRS
  - PPC- EX XL, CMP
  - Thomas & Betts SNAP-N-SEAL®
- Calibration/gauge block and hex wrench included.
- Yellow grip enhances comfort and visibility, allowing quick identification.
- Additional Calibration/gauge blocks available.



VDV212-009



F Connector



Coax Cable

Mini-Coax	R59	RG6	RG6-QS
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Cat. No.	Color	Type	Cable	F-Connector Compatibility*	Overall Length	Weight (oz.)
VDV212-009	yellow/black	compression crimper	coaxial	Arris-Digicon-S™ & T™, Corning Cabelcon-CX3 Corning Gilbert ULTRAEASE™ & ULTRARANGE™ F-Conn-FS, Holland SLC, PCT - DRS, PPC- EX XL, CMP Thomas & Betts SNAP-N-SEAL®, Stirling/Ideal® Industries	7.0" (178 mm)	14.8

\* Noted trademarks are registered to the respective connector brands.

### Compression Crimper – Vertical, Multi-Connector

- Fast reliable tool for CATV, Home Theater, Satellite and Security System applications where multiple-type connector installations are required.
- Crimps compression BNC, F and RCA connectors to minicoax RG59, RG6, and RG6-Quadshield coaxial cables.
- Vertical design for easy adjustment, insertion, crimping and removal of cable and connector.
- Adjustable universal plunger tips and crimp-height with locking-nut ensure accurate crimps on multiple types of connectors.
- Measuring guide beneath the plunger makes replicating the same compression setting efficient.
- Ratchet mechanism is designed to prevent the release of the connector prior to full compression.



VDV211-007



F Connector



BNC Connector



RCA Connector



Coax Cable

Mini-Coax	R59	RG6	RG6-QS
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Cat. No.	Color	Type	Cable	Connectors	Overall Length	Weight (oz.)
VDV211-007	yellow/black	compression crimper	coaxial	BNC, F and RCA	7.8 (197 mm)	15.3

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Read carefully and understand instructions before using this tool.

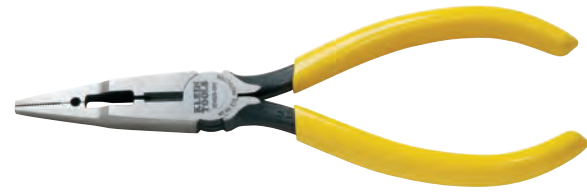
**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

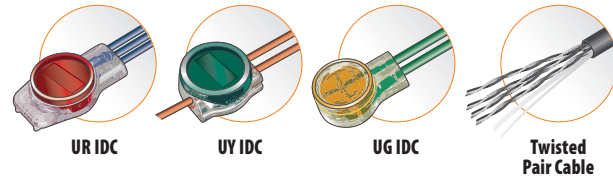
**⚠ WARNING:** Never use on or near live electrical circuits.

## Connector Crimping Long-Nose Pliers

- 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 knives for long life.
- Yellow plastic grips enhance comfort, visibility and allow quick identification.



VDV026-049



Scotchlok® is a registered trademark of 3M Corporation.

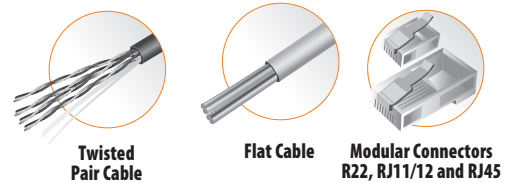
Cat. No	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (oz.)
VDV026-049	6.80" (173 mm)	2.00" (51 mm)	0.70" (18 mm)	0.38" (10 mm)	0.44" (11 mm)	0.095 x 0.125 (2.0 x 3.0 mm)	plastic-dipped	yellow	4.5

## 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).
- Steel body with black-oxide finish for excellent performance and durability.
- Crimping dies are precision ground from high-carbon steel.
- Designed for Western Electric (WE)/Stewart Stamping (SS)-type modular connectors.
- 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.
- Three crimping dies:  
8-position, 4-pair/8-conductor - RJ45  
6-position, 2-pair/4-conductor - RJ11 & 3-pair/6-conductor - RJ12  
4-position, 2-pair/4-conductor & 1-pair/2-conductor – headset RJ22
- Cable parameters: 28-22 AWG (.08 - .34 mm<sup>2</sup>) flat or round; solid or stranded telephone & data.
- Not for use with AMP® connectors.



VDV226-011



Cat. No.	Color	Cuts & Strips	Crimps Connectors	Position/Pair/ Conductors	Overall Length	Weight (oz.)
VDV226-011	yellow/black	round STP/UTP, flat satin phone cable 22-28 AWG (0.08 - 0.34 mm <sup>2</sup> )	RJ11, RJ12 RJ22 and RJ45	4/1-2/2-4 6/2-3/4-6 8/4/8	7.5" (191 mm)	11.3

AMP® is a registered trademark of TYCO, Inc.

All dimensions are in inches and (millimeters).

**WARNING:** Read carefully and understand instructions before using this tool.

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Never use on or near live electrical circuits.



# Voice/Data/Video Tools

## Punchdown Multi-Tool

- Patent pending 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 66 & 110 blade.
- Integrated Hook and Spudger for fast, easy manipulation of wire and small components.
- Selectable (Hi/Low) impact-force settings meet industry standards.
- 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:  
110-Blade (VDV427-015),  
66-Blade (VDV427-016),  
66/110 Combination Blade (VDV427-017),  
Reach Extension (VDV427-018),  
WorkEnds™ Kit (VDV770-050).



VDV427-806



Twisted Pair Cable



VDV427-807



Twisted Pair Cable

Cat. No	Set Contains					Overall Length	Weight (oz.)
VDV427-806	punchdown multi-tool with 110/66 blade					7.0" (176 mm)	5.6
Cat. No.	Color	Description	Blade Configuration End 1	Blade Configuration End 2			
VDV427-047	yellow/red/black	punchdown multi-tool chassis	-	-			
VDV427-017	black	punchdown tool blade - combination 66/110 cut type	110 terminate & cut	66 terminate & cut			
VDV427-807	punchdown multi-tool with 110/66 blade & WorkEnds™					7.88" (200 mm)	7.5
Cat. No.	Color	Description	Blade Configuration End 1	Blade Configuration End 2			
VDV427-047	yellow/red/black	punchdown multi-tool chassis	-	-			
VDV427-017	black	punchdown tool blade - combination 66/110 cut type	110 terminate & cut	66 terminate & cut			
VDV770-050	-	WorkEnds™ kit	-	-			

All dimensions are in inches and (millimeters).

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**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

## 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 meet industry standards.
- Rubber finger grips and boot provide greater control and enhanced comfort.
- Blade storage compartment with spring loaded locking mechanism.
- Color coded yellow on the cut side of the tool.
- Bayonet style (twist & lock) socket accepts most manufacturers' tools and blades.
- Induction-hardened high-carbon steel for durability and long life.
- Replacement blades available: 110-Blade (Cat. No. VDV427-015), 66-Blade (Cat. No. VDV427-016), 66/110 Combination Blade (Cat. No. VDV427-017), Reach Extension (Cat. No. VDV427-018).



VDV427-800



Twisted Pair Cable

Cat. No.	Set Contains:				Overall Length	Weight (oz.)
VDV427-800					7.0" (177 mm)	5.7
Component No.	Color	Description	Blade Configuration End 1	Blade Configuration End 2		
VDV427-013	yellow/black	impact punchdown tool	—	—		
VDV427-017	black	punchdown tool blade - combination 66/110 cut type	66 terminate & cut	110 terminate & cut		

Cat. No.	Set Contains:				Overall Length	Weight (oz.)
VDV427-805					7.1" (180 mm)	5.6
Component No.	Color	Description	Blade Configuration End 1	Blade Configuration End 2		
VDV427-013	yellow/black	impact punchdown tool	—	—		
VDV427-015	black	punchdown tool blade - 110 type	110 terminate	110 terminate & cut		

## Punchdown Tool Blades & Accessories

- Compatible with Impact Punchdown Tool (VDV427-013), Punchdown Multi-Tool (VDV427-047) and other bayonet style (twist & lock) socket punchdown tools.
- Terminate cable in variety of cross-connect panels, blocks and keystone jacks.
- Induction-hardened high-carbon steel for durability and long life.
- Reversible blades with termination/cutting ends and termination only ends (depending on blade type).
- Precision ground cutting-edge for clean, precise wire termination (depending on blade type).
- WorkEnds™ Kit converts the Punchdown Multi-Tool chassis (VDV427-047) into a multi-bit driver. Kit includes: WorkEnds™ adapter, reach extension, and 4 driver bits (#1 and #2 Phillips and 3/16" and 1/4" Slotted) in a convenient carrier.<sup>†</sup>



VDV427-015

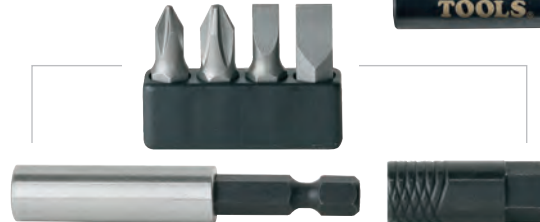
VDV427-016



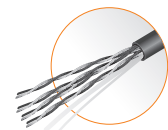
VDV427-017



VDV427-018



VDV770-050<sup>†</sup>



Twisted Pair Cable

Cat. No.	Color	Description	Blade Configuration End 1	Blade Configuration End 2	Overall Length	Weight (oz.)
VDV427-015	black	punchdown tool blade - 110 type	110 terminate	110 terminate & cut	2.1" (52 mm)	0.5
VDV427-016	black	punchdown tool blade - 66 type	66 terminate	66 terminate & cut	2.3" (58 mm)	0.6
VDV427-017	black	punchdown tool blade - combination 66/110 cut type	66 terminate & cut	110 terminate & cut	2.2" (56 mm)	0.6
VDV427-018	black	punchdown tool reach extension	bayonet style male	bayonet style female	2.6" (67 mm)	1.2
VDV770-050	—	WorkEnds™ adapter, reach extension, and 4 driver bits (#1 and #2 Phillips and 3/16" and 1/4" Slotted) in a convenient carrier <sup>†</sup>	proprietary magnetic hex	1/4" female hex	3.2" (81 mm)	1.4

<sup>†</sup>WorkEnds™ is not compatible with VDV427-013, VDV427-800, VDV427-805.

All dimensions are in inches and (millimeters).

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# Voice/Data/Video Tools

## Ratcheting Crimper with Coaxial Hex-Crimp Die Set

- Professional CATV, Electrical, Home-Theater, Satellite and Security System crimper is perfect for fast, reliable connector installations.
- Precision full-cycle ratchet action assures complete precise crimp every cycle.
- Crimps meet or exceed UL Standards, where applicable.
- Steel body with black-oxide finish for corrosion resistance and durability.
- Preset tension for optimum performance.
- Dies manufactured from heat treated high-carbon steel for excellent performance and long life.
- Quick change interchangeable die-sets.
- Thumb-screws secure die-sets for quick easy changes. (Optional Phillips screws available, see table below.)
- Safety crimp release helps eliminate rejected terminations due to incorrect positioning.
- Ratchet mechanism is designed to prevent the release of the connector prior to full compression.
- Yellow and black grips enhance comfort, visibility, and allow quick identification.



VDV212-034



Hex BNC Connector



Coax Cable



HEX F Connector

Cat. No.	Set Contains:				Overall Length	Weight (oz.)
VDV212-803					8.8" (224 mm)	21.0
	Cat. No.	Description	Color	Nest Dimensions	Connector Type	
	VDV200-010	ratcheting crimper frame	yellow/black			
	VDV212-034	hex crimp RG59/6 coaxial cable F-connectors	black	0.255"/0.320"/0.350" 6.48/8.13/8.89 mm	hex crimp BNC hex crimp F	

## Die Sets

- Die sets compatible with Ratcheting Crimper Frame (Cat. No. VDV200-010).
- Induction hardened high-carbon steel for durability and long life.
- Precise nest dimensions ensure accurate terminations that meet or exceed common standards.
- Wide range of die sets for common applications.



VDV205-035



VDV205-036



VDV211-037



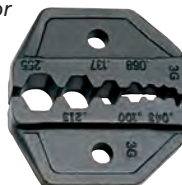
VDV211-038



VDV205-039



VDV999-033



VDV201-040



VDV211-041



VDV201-042



VDV211-043



VDV205-044

Cat. No.	Description	Nest Dimensions
VDV999-033	replacement screw set (pair thumb and pair Phillips)	-
VDV212-034	hex crimp RG59/6 coaxial cable F-connectors	0.255"/0.320"/0.350" (6.48/8.13/8.89 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> )
VDV205-036	non-insulated terminal or open barrel terminal, AWG 10-20	AWG 20-18/16-14/12-10 (DIN 0.5-1/1.5-2.5/4-6 mm <sup>2</sup> )
VDV211-037	hex crimp Connectors RG6/58/59/62 coaxial cable	0.256"/0.319"/0.068"/0.213" (6.50/8.10/1.73/5.41 mm)
VDV211-038	hex crimp RG58/59/62 coaxial cable	0.256"/0.068"/0.213" (6.50/1.73/5.41 mm)
VDV205-039	insulated pin terminal 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> )
VDV201-040	RG58/59/62/174 coaxial cable and 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)
VDV211-041	RG58/59/62/6 coaxial cable	0.255"/0.213"/0.098"/0.068"/0.321" (6.48/5.41/2.49/1.73/8.15 mm)
VDV201-042	RG174/179/Belden 8218 coaxial cable 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)
VDV211-043	RG8/11/174/179/213	0.100"/0.128"/0.429" (2.54/3.25/10.90 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> )

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Read carefully and understand instructions before using this tool.

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠ WARNING:** Never use on or near live electrical circuits.

# Strippers, Cutters & Crimpers

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.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

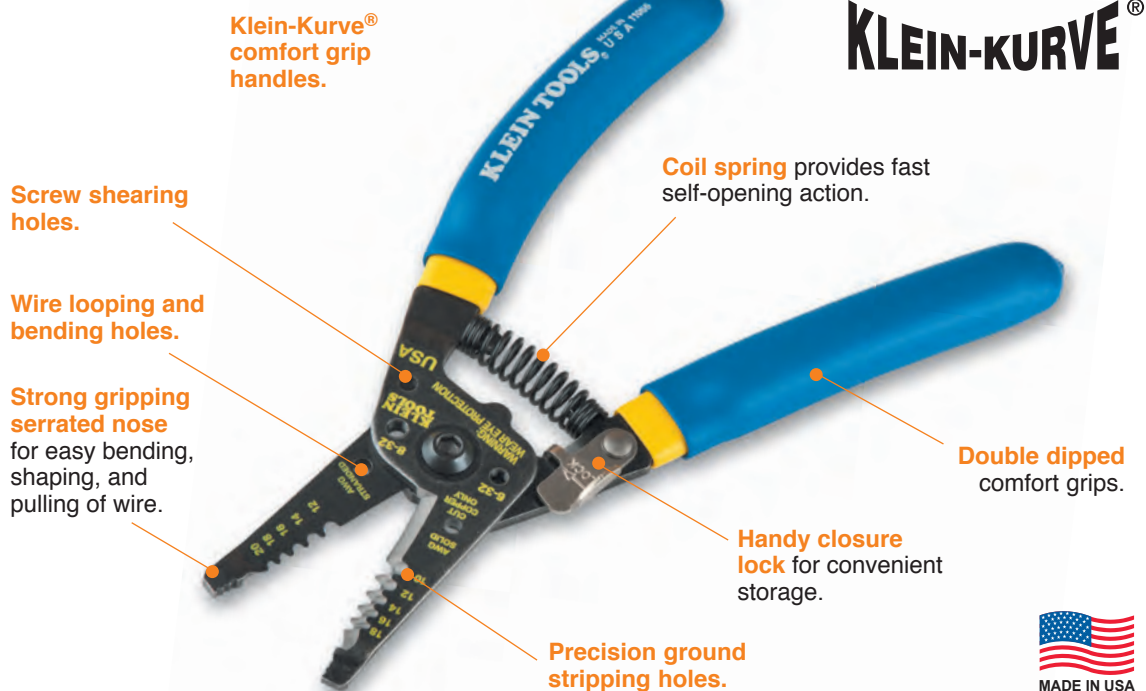


Strippers, Cutters & Crimpers



# Wire Strippers/Cutters

## Features:



## Wire Strippers/Cutters **KLEIN-KURVE®**

### Additional Features:

- Easy-to-read markings.
- Precision shear-type blades.
- Cleanly shears 6-32 and 8-32 screws.



Cat. No.	Handle Color	Overall Length	Strips and Cuts	Screw Shearing	Weight (lbs.)
11053	blue/red	7-1/8" (181 mm)	6 – 12 AWG stranded (10 mm <sup>2</sup> – 2.5 mm <sup>2</sup> )	6-32 & 8-32	.34
11055	blue/yellow	7-1/8" (181 mm)	10 – 18 AWG solid (4.0 mm <sup>2</sup> – .75 mm <sup>2</sup> ) & 12 – 20 AWG stranded (2.5 mm <sup>2</sup> – .50 mm <sup>2</sup> )	6-32 & 8-32	.34
11057	blue/red	7-1/8" (181 mm)	20 – 30 AWG solid (.50 mm <sup>2</sup> – .14 mm <sup>2</sup> ) & 22 – 32 AWG stranded (.34 mm <sup>2</sup> – .05 mm <sup>2</sup> )	6-32 & 8-32	.32

## Dual NM Cable Strippers/Cutters **KLEIN-KURVE®**

### Additional Features:

- 10/2, 12/2, and 14/2 stripping slots quickly remove outer jacket of Type NM-B nonmetallic-sheathed cable.
- Stripping holes easily remove insulation on 10, 12, and 14 AWG lead wire.
- Precision staggered blades for square, clean cuts on solid copper wire.
- Narrow nose fits into tight places.
- Precision shear-type blades for square, clean cuts on solid copper wire.



Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type NM-B Cable	Screw Shearing	Weight (lbs.)
K1210	yellow/orange	7-3/4" (197 mm)	10 & 12 AWG solid (4.0 mm <sup>2</sup> & 2.5 mm <sup>2</sup> )	10/2 & 12/2	6-32 & 8-32	.43
K1412	yellow/white	7-3/4" (197 mm)	12 & 14 AWG solid (2.5 mm <sup>2</sup> & 1.5 mm <sup>2</sup> )	12/2 & 14/2	6-32 & 8-32	.41

All dimensions are in inches and (millimeters).

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** Always wear approved eye protection.



## QTR-Turn™ NM Cable Stripper/Cutter KLEIN-KURVE®

Additional Features:

- Exclusive QTR-TURN™\* technology to quickly remove outer jacket of NM Cable.
- Strips, cuts, and loops 12 & 14 AWG solid wire.
- Cleanly shears 6-32 and 8-32 screws.
- Serrated nose bends, shapes, and pulls wire.



**SOLID**  
12 & 14 AWG



K1412-3

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type NM Cable	Screw Shearing	Weight (lbs.)
K1412-3	yellow/blue	7-3/4" (197 mm)	12 & 14 AWG solid (2.5 mm <sup>2</sup> & 1.5 mm <sup>2</sup> )	12/3 & 14/3	6-32 and 8-32	.41

QTR TURN™ is a trademark of Stride Tool Incorporated \*patent pending

## Bent Nose NM Romex® Cable Stripper/Cutters KLEIN-KURVE®

Additional Features:

- Patented 90° bent nose for easy work in confined spaces.
- Quickly removes outer jacket of Romex® Cable.
- Strips, cuts, and loops 10, 12 or 14 AWG solid wires.
- Cleanly shears 6-32 & 8-32 screws.
- Serrated nose bends, shapes, and pulls wire.



**SOLID**



K90-12/2

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type NM Cable	Screw Shearing	Weight (lbs.)
K90-10/2	yellow/orange	7-3/8" (187 mm)	10 AWG solid (4.0 mm <sup>2</sup> )	10/2	6-32 and 8-32	.41
K90-12/2	yellow/yellow	7-3/8" (187 mm)	12 AWG solid (2.5 mm <sup>2</sup> ) & 18 AWG stranded (1.0 mm <sup>2</sup> )	12/2	6-32 and 8-32	.41
K90-14/2	yellow/white	7-3/8" (187 mm)	14 AWG solid (1.5 mm <sup>2</sup> ) & 18 AWG stranded (1.0 mm <sup>2</sup> )	14/2	6-32 and 8-32	.41

Romex® is a registered trademark of Southwire Company.

## Dual NM Cable Stripper/Cutter

- 12/2 and 14/2 stripping slots quickly remove outer jacket of Type NM-B nonmetallic-sheathed cable.
- Cushion grip handles provide comfort.
- Precision-ground stripping holes easily remove insulation on 12 and 14 AWG lead wires.
- Strong-gripping serrated nose; easy bending, shaping and pulling of wire.
- Narrow nose fits into tight places.
- Precision shear-type blades for square, clean cuts on solid copper wire.
- Holes for quick wire looping and bending.
- 6-32 and 8-32 screw-shearing holes.
- Spring-loaded for self-opening action.
- Handy closure lock for convenient storage.



1412



**SOLID**  
12 & 14 AWG



Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type NM-B Cable	Screw Shearing	Weight (lbs.)
1412	yellow	7-7/8" (200 mm)	12 & 14 AWG solid (2.5 mm <sup>2</sup> & 1.5 mm <sup>2</sup> )	12/2 & 14/2	6-32 & 8-32	.39

## Type NM Cable Stripper/Cutter

- Patented stripping slot quickly removes outer jacket of Type NM-B nonmetallic-sheathed cable.
- Handle grips with cushion ridges provide comfort.
- Precision-ground stripping hole easily removes insulation on lead wires.
- Serrated nose easily bends, shapes, or pulls wire.
- Narrow nose fits into tight places.
- Shear-type steel blades for square, clean cuts on solid copper wire.
- Spring-loaded for self-opening action.
- Handy closure lock for convenient storage.
- Holes for looping and bending wire.
- Handle tip identifies size of cable.



**SOLID**

1014

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type NM-B Cable	Weight (lbs.)
1014	yellow/white with marking 14/2 at tip	6-1/4" (159 mm)	14 AWG solid (1.5 mm <sup>2</sup> )	14/2	.26

All dimensions are in inches and (millimeters).

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

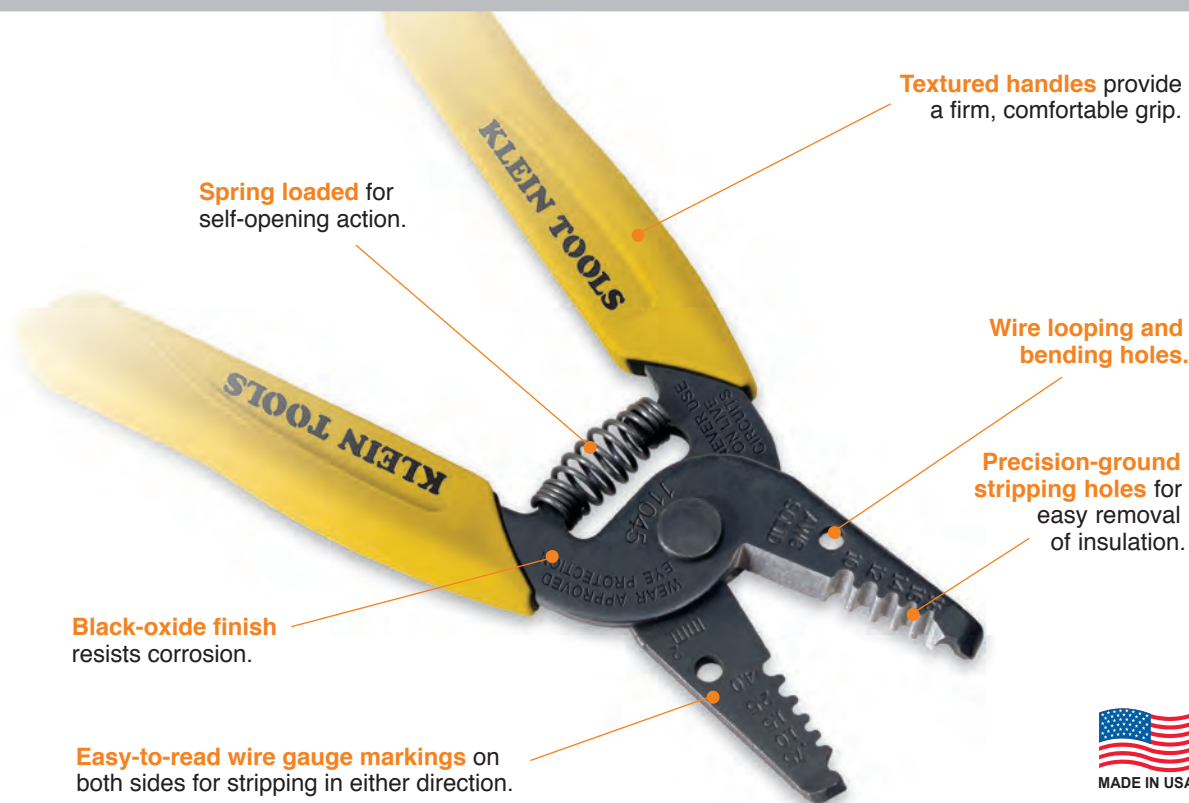
**⚠WARNING:** Always wear approved eye protection.





# Wire Strippers/Cutters

## Features:



## 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 bolts.



11045

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight (lbs.)
11045	yellow	6-1/4" (159 mm)	10 – 18 AWG solid (4.0 mm <sup>2</sup> – .75 mm <sup>2</sup> )	.27
11046	red	6-1/4" (159 mm)	16 – 26 AWG stranded (1.0 mm <sup>2</sup> – .14 mm <sup>2</sup> )	.27
11047	yellow	6-1/4" (159 mm)	22 – 30 AWG solid (.34 mm <sup>2</sup> – .05 mm <sup>2</sup> )	.27
11049	red	6-1/4" (159 mm)	8 – 16 AWG stranded (6 mm <sup>2</sup> – 1.0 mm <sup>2</sup> )	.27

## 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.



11048

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight (lbs.)
11048	yellow	6-1/4" (159 mm)	10, 12, 14 AWG solid (4.0 mm <sup>2</sup> , 2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> )	.27



All dimensions are in inches and (millimeters).

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Always wear approved eye protection.



## Wire Stripper/Cutter – Solid and Stranded Wire

- 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.

Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
1011	6-1/8" (156 mm)	10 – 20 AWG solid & stranded (4.0 mm <sup>2</sup> – .50 mm <sup>2</sup> )	blue	.23



## 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.

Cat. No.	Hold-Open Spring	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
1004	yes	5" (127 mm)	12 – 26 AWG solid & stranded (2.5 mm <sup>2</sup> – 0.14 mm <sup>2</sup> )	yellow	.18
1003	no	5" (127 mm)	12 – 26 AWG solid & stranded (2.5 mm <sup>2</sup> – 0.14 mm <sup>2</sup> )	yellow	.14



## Adjustable Wire Stripper – 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.

Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
74007	5-1/8" (130 mm)	12 – 24 AWG solid & stranded (2.5 mm <sup>2</sup> – .25 mm <sup>2</sup> )	yellow	.15



## Katapult® Wire Stripper – 8-22 AWG KATAPULT

- Quick and easy 8-22 AWG wire stripping.
- Compound action wire stripping: grip and strip via single action squeezing motion.
- Precision machined stripping holes easily remove jacket insulation without damaging the wire.
- Remove up to 1" (24mm) 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.
- Katapult® Coaxial Cable Stripper – RG6 (Cat. No. VDV110-045) is also available.
- Additional precision machined steel cutting blades available.

Cat. No.	Color	Strips	Overall Length	Weight (oz.)
11063	blue/black	8-22 AWG (6 mm <sup>2</sup> – .34 mm <sup>2</sup> )	6.6" (168 mm)	12.1

### Wire Stop/Gauge

11081	adjustable wire stop	.01
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Cat. No.	Weight (oz.)
<b>Replacement Blades Sets</b>	
VDV110-046	RG6 coaxial cable replacement blades .01
11073	8 – 22 AWG wire stripping blades	.01
11074	16 – 26 AWG (1.0 mm <sup>2</sup> – .14 mm <sup>2</sup>)	.01

All dimensions are in inches and (millimeters).

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

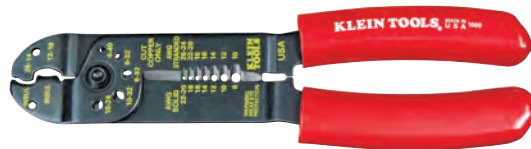
**⚠WARNING:** Always wear approved eye protection.



# Combination Wire-Stripping and Cutting Tools

## Multi-Purpose 6-in-1 Tool

- Cleanly shears bolts.
- Easily cuts and strips wire.
- Measures stud sizes.
- Gauges wire sizes.
- Crimps insulated terminals.
- Plastic-covered cushioned handles for comfort.

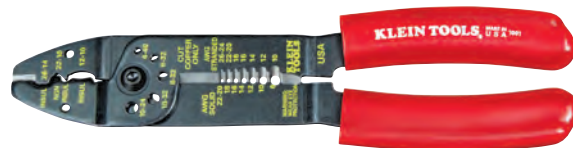


1000

Cat. No.	Overall Length	Strips and Cuts	Bolt Sizes	Handle Color	Weight (lbs.)
1000	7-3/4" (197 mm)	10 – 22 AWG (4.0 mm <sup>2</sup> – .34 mm <sup>2</sup> )	4-40, 6-32, 8-32, 10-24, 10-32	red	.44

## Multi-Purpose Electrician's Tool – 8-22 AWG

- 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.



1001



Cat. No.	Overall Length	Strips and Cuts	Bolt Sizes	Handle Color	Weight (lbs.)
1001	8-1/2" (216 mm)	8 – 18 AWG solid (6.0 mm <sup>2</sup> – 1.0 mm <sup>2</sup> ) 10 – 22 AWG stranded (4.0 mm <sup>2</sup> – .34 mm <sup>2</sup> )	4-40, 6-32, 8-32, 10-24, 10-32	red	.47

## Long-Nose Multi-Purpose 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.



1010

Cat. No.	Overall Length	Bolt Sizes	Strips and Cuts	Connectors	Handle Color	Weight (lbs.)
1010	8-1/4" (210 mm)	4-40, 5-40, 6-32, 8-32, 10-32, 10-24	10 – 22 AWG (4.0 mm <sup>2</sup> – .34 mm <sup>2</sup> )	10 – 22 gauge	blue	.43

All dimensions are in inches and (millimeters).

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** Always wear approved eye protection.



# Combination Wire-Stripping and Cutting Tools

## Trip-Saver®

- Unique multi-tool addresses the special needs of electricians and maintenance professionals while providing many other features handy on any job.
- Compact, lightweight, and very sturdy.
- Produced from high-carbon, rust-resistant stainless steel.
- 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

Cat. No.	Overall Length	Weight (lbs.)
1016	5-3/4" (143 mm)	.95

**⚠WARNING:** Close handles to lock blade in place before use.

## NM Cable Ripper

### 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

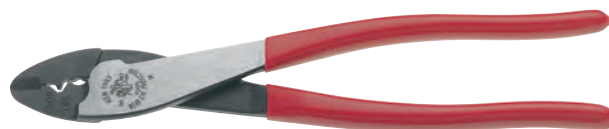
Cat. No.	Overall Length	Slits	Measures Wire Gauge	Weight (lbs.)
74017	4" (102 mm)	all sizes of Romex® and NM	8 – 14 AWG (6 mm² – 1 mm²)	.08

Romex® is a registered trademark of Southwire Company.

## 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.	Handle Color	Crimps	Overall Length	Weight (lbs.)
1005	red	10 – 22 AWG	9-3/4" (248 mm)	.80
<b>Journeyman Series – Dual-material handles</b>				
J1005	red/black	10 – 22 AWG	9-3/4" (248 mm)	.84

### 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.
- Plastic-dipped cushioned handles for comfort.



1006

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
1006	black	10 – 22 AWG	9-3/4" (248 mm)	.85

All dimensions are in inches and (millimeters).

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** Always wear approved eye protection.





## Crimping Tools

### 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.	Crimps	Handle Color	Overall Length	Weight (lbs.)
2006	#6 – 4/0 AWG battery lugs and terminals	red	19-1/2" (495 mm)	3.80

## Ratcheting Crimpers

### Full-Cycle Ratcheting Crimper – Insulated Terminals

- Crimps insulated terminals in wire sizes 22-16 (front cavity), 16-14 (middle cavity), and 12-10 (rear cavity).
- Color-coded wire size markings.
- Compound lever-action of narrow-span handles puts more crimping power into each squeeze.
- Comfort-grip plastic handles.



T1715

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
T1715	black	10 – 22 AWG	9" (229 mm)	1.05

### Compound-Action Ratcheting Crimper – Insulated Terminals

- Compound-action tool crimps 10-22 AWG insulated terminals to meet or exceed MIL-SPEC pull-out tests.
- 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.
- Special locator quickly positions terminal for double crimp.
- Comfort-grip plastic handles.



T1710

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
T1710	black	10 – 22 AWG	9" (229 mm)	1.29

### Full-Cycle Coax Ratcheting Crimper

- Crimps hex-configuration (in dimensions across flats) coaxial connectors.
- Dimensions clearly marked for quick identification.
- Front cavity (.262") for RG-59.
- Middle cavity (.324") for RG-5, 6, 21, 143, 212, 222, and 304, also for Belden 8281, 9231 and 9141.
- Rear cavity (.384") for RG-8, 9, 11, 149, and 213.
- Ratchet release allows quick removal of incorrectly placed connector prior to completing crimp.
- Compound lever-action of narrow-span handles puts more crimping power into each squeeze.
- Comfort-grip plastic handles.
- Tool jaws will not open until the crimp is completed. They release and open automatically when crimp is done.



T1720

Cat. No.	Handle Color	Hex Configurations	Overall Length	Weight (lbs.)
T1720	black	front cavity .262"; middle cavity .324"; rear cavity .384"	9" (229 mm)	1.30

All dimensions are in inches and (millimeters).

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**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** Always wear approved eye protection.



# Cable & Bolt Cutters

Klein meets and exceeds the highest of standards to create great cable and bolt cutters. Offering greater cutting power, clean and precise cuts, and long life, Klein cable and bolt cutters are a cut above the rest.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

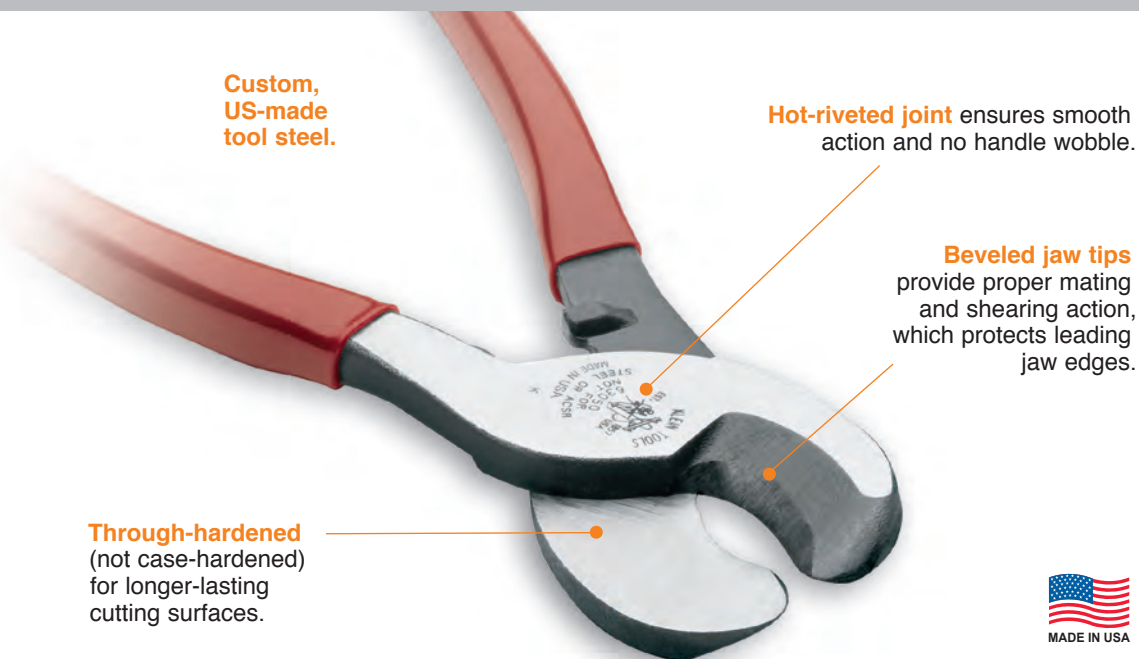
Cable & Bolt Cutters



KLEIN TOOLS  
EST. 1857  
6" 20/250  
STEEL ON ACORN  
MADE IN USA  
K

# Cable Cutters

## Features:



## 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

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

Cat. No.	Overall Length	Handle Color	Maximum Cable Cutting Capacity	Weight (lbs.)
63050	9-1/2" (241 mm)	red	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications wire	.90
<b>Journeyman Series – Dual-material handles</b>				
J63050	9-9/16" (243 mm)	red and black	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications wire	.98

## 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 .032" (.81 mm) diameter.
- Mild steel cutter for conductors up to .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.
- Handy closure lock for convenient storage.



63020

Cat. No.	Overall Length	Screw Shearing	Handle Color	Weight (lbs.)
63020	7" (177 mm)	6-32 & 8-32	red	.44

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



## Cable Cutters – Coaxial

- 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 blades, withstands frequent cutting.
- Hot-riveted design requires no adjustment while maintaining a smooth, precise operation.
- Compact, lightweight design fits perfectly in any professional's tool pouch.
- Handles are plastic-coated for maximum comfort and gripping power.
- When cutting drop wire with an inner steel conductor, we recommend Cat. No. D2000-28 diagonal-cutting pliers.



63028



63030

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

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Handle Color	Weight (lbs.)
63028	8-1/4" (216 mm)	.75" (19 mm) diameter	yellow	.80
63030	8-1/4" (216 mm)	1" (25 mm) diameter	blue	.83

## Compact Cable Cutter

- 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.
- Plastic-dipped handles for comfort.
- Not designed for cutting steel or ACSR.



63055

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

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Weight (lbs.)
63055	8" (203 mm)	24 AWG copper, aluminum multi-strand cable and wire, and 100-pair telephone cable	red	.65

## All-Purpose Shears and BX Cutter

- High-leverage, shear-type design for one-hand operation.
- Lightweight and compact.
- Stripping notch for added convenience.
- Cuts a variety of materials including cable, sheet metal, steel strapping, and bundling wire.
- Handle cavity is designed to restore BX cable to original shape after cutting.
- Plastic-dipped handles for comfort.



1104

Cat. No.	Overall Length	Length of Cut	Handle Color	Weight (lbs.)
1104	7-5/8" (194 mm)	7/8" (22 mm)	red	.60

## Heavy-Duty Cable Shears

- Heavy-duty, tempered steel blades.
- 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.
- Lightweight tool perfect for overhead cutting.



63016

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Weight (lbs.)
63016	7-1/2" (191 mm)	up to 1/4" copper and mild steel strands, up to 3/16" aircraft cable, wire rope, aluminum and copper rods, up to 5/32" for steel & iron rods	blue	.65

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.





## Cable Cutters

### Utility Cable Cutter

- 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.
- Non-slip vinyl grips.
- Not designed for cutting steel or ACSR.



63035

Cat. No.	Overall Length	MCM Cable-Cutting Maximum Capacity	Handle Color	Weight (lbs.)
63035	16-3/4" (425 mm)	350 copper, 350 aluminum	red	1.70

### Standard 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.
- Not designed for cutting steel or ACSR.

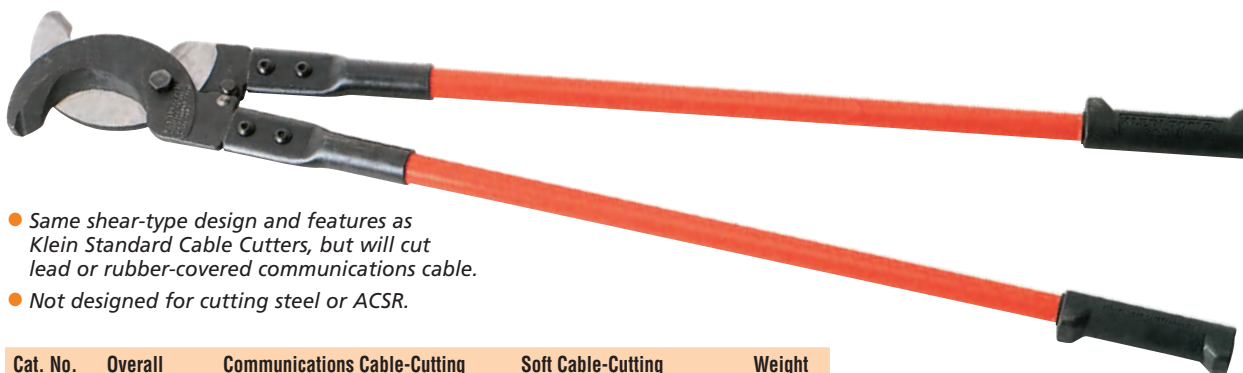


63041

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	MCM Cable-Cutting Maximum Capacity	Weight (lbs.)
63041	25-1/2" (648 mm)	1-3/8" (35 mm) diameter	500 copper, 750 aluminum	5.25
63045	32" (813 mm)	1-3/4" (44 mm) diameter	1000 copper, 1200 aluminum	8.00
<b>Replacement Cable Cutter Heads (complete)</b>		<b>Fits Klein Cat. No.</b>		
63081			63041	2.05
63090			63045	3.30

### Communications Cable Cutter

- Same shear-type design and features as Klein Standard Cable Cutters, but will cut lead or rubber-covered communications cable.
- Not designed for cutting steel or ACSR.



63047

Cat. No.	Overall Length	Communications Cable-Cutting Maximum Capacity	Soft Cable-Cutting Maximum Capacity	Weight (lbs.)
63047	37" (940 mm)	900-pair soft copper and aluminum	up to 2-1/4" (57 mm) diameter	8.55
<b>Replacement Cable Cutter Heads (complete)</b>		<b>Fits Klein Cat. No.</b>		
63110			63047	3.50

All dimensions are in inches and (millimeters).

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

**⚠WARNING:** Always wear approved eye protection.

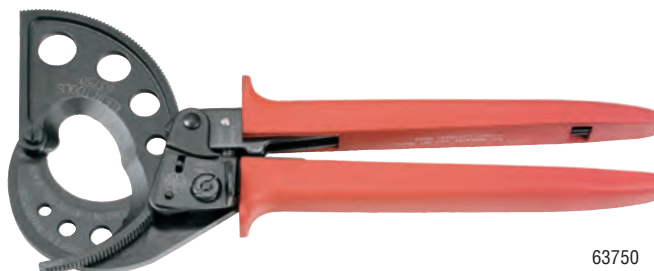
**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

## Ratcheting Cable Cutters

- High leverage ratchet mechanism for single-handed cutting of copper and aluminum cables, leaving no burrs or sharp edges.
- Patented two-step ratchet mechanism requires fewer strokes per cut.
- Quick release opens blades easily in every cutting position. (Allows removal of the cable before completion of cut).
- Precision ratcheting mechanism holds cable 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.



63060



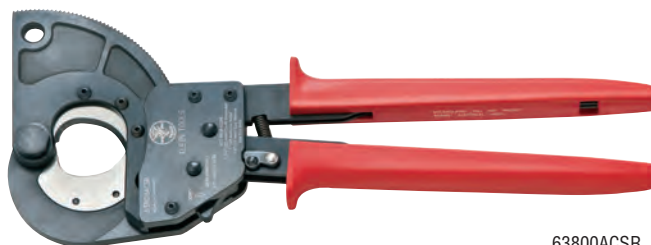
63750

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

Cat No	MCM Maximum Cable Capacity			Length	Weight (lbs.)
	Copper	Aluminum	Communication Cable		
63060	Maximum: 400 kcmil (MCM) (185 mm <sup>2</sup> )	Maximum: 600 kcmil (MCM) (300 mm <sup>2</sup> )	Maximum: 1-1/8" (28 mm)	10-1/4" (260 mm)	1.32 lbs. (600 g)
63750	Maximum: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Frequent Use: 750 kcmil (MCM) (400 mm <sup>2</sup> )	Maximum: 1000 kcmil (MCM) (500 mm <sup>2</sup> ) Frequent Use: 750 kcmil (MCM) (400 mm <sup>2</sup> )	Maximum: 2-1/16" (52 mm)	12-1/8" (308 mm)	1.76 lbs. (800 g)

## ACSR Ratcheting Cable Cutter

- Cutting inserts are easily replaced by simply removing 3 screws per blade.
- Capacity:  
477 MCM ACSR  
1-1/4" (32 mm) Ø CU-AL Stranded  
1" (25 mm) Ø CU Solid  
1/2" (13 mm) Ø Guy Strand (NOT FOR EHS)
- Tool can be locked when not in use.
- High leverage ratcheting mechanism for easier cutting.
- Plastic covered handles with hand guards for comfort and firm grip.
- At a length of just under 14" tool can be carried in a tool pouch.



63800ACSR

Cat. No.	Cutting Capacity ACSR - Max.	Cutting Capacity Stranded Aluminum and Copper - Max.	Cutting Capacity Solid Copper - Max.	Cutting Capacity Guy Strand - Max.	Length	Weight (lbs.)
63800ACSR	477 MCM (273 mm <sup>2</sup> )	1-1/4" (32 mm)	1" (25 mm)	1/2" (13 mm)	13-3/4" (349 mm)	3.2
<b>Replacement Cutting Inserts</b> (with set of 6 screws)		<b>Fits Klein Cat. No.</b>				
63858		63800ACSR				

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



## Cable Cutters

### Ratcheting Cutter – Heavy-Duty



63700

- Ratchet-action design provides maximum leverage with minimum effort for heavy-duty use.
- Cuts steel and ACSR.
- Forged, heat-treated, shear-type blades, plus 24" (609 mm) long steel handles with heavy vinyl grips for comfort and slip-resistance.
- 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.

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Communications Cable-Cutting Maximum Capacity	Weight (lbs.)
63700	36" (914 mm)	2-1/4" (57 mm) diameter	1-1/4" (32 mm) dia. ACSR, ACAR 7/16" (11 mm) dia. common guy strand 5/8" (16 mm) dia. steel wire rope 1/2" (13 mm) dia. steel rod (G.R.S. SOFT) 750 MCM (1-3/8" dia.) (35 mm) copper or aluminum	14.00

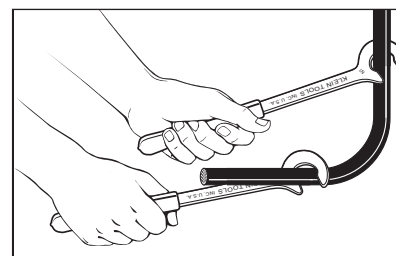
### Cable Benders



50400

- Forged, one-piece steel construction for exceptional durability and high strength to meet the most demanding job requirements.
- 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.
- Handle is contoured for a firm, comfortable grip.
- It is recommended that two benders be used for easier bends.

Cat. No.	Overall Length	Tool Opening	Maximum Cable Capacity	Weight (lbs.)
50400	12" (305 mm)	7/8" (22 mm)	350 MCM	.90
50402	14-1/2" (367 mm)	1-1/64" (26 mm)	500 MCM	1.55



All dimensions are in inches and (millimeters).

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

## Bolt Cutters



- Handles have heavy vinyl grips with flat grip ends for 90° cuts.
- All-purpose, center-cut jaws for soft, medium, and hard metals.
- Forged, alloy tool steel jaws are precision ground for sure, efficient cutting, and long life.
- Lockplate reinforcement prevents jaw bolts from loosening or turning, keeps jaws in correct alignment.
- One adjustment realigns cutting edges.
- 3-point toggle joint multiplies 50 lbs. of hand pressure on handles to 4,000 pounds at cutting jaws.

63124

**⚠WARNING:** NOT for cutting cable.

### Steel Handles

Cat. No.	Handle Type	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**	Handle Color	Weight (lbs.)
63314	steel	14" (356 mm)	5/16" (8 mm)	3/16" (5 mm)	red	3.15
63318	steel	18" (457 mm)	3/8" (10 mm)	1/4" (6 mm)	red	3.55
63324	steel	24" (610 mm)	7/16" (11 mm)	5/16" (8 mm)	red	6.30
63330	steel	30" (762 mm)	1/2" (13 mm)	3/8" (10 mm)	red	10.20
63336	steel	36" (914 mm)	9/16" (14 mm)	7/16" (11 mm)	red	14.25
63342	steel	42" (1067 mm)	11/16" (18 mm)	1/2" (13 mm)	red	19.20

\* Up to Brinell 300, Rockwell C31.

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

### Fiberglass Handles

Cat. No.	Handle Type	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**	Handle Color	Weight (lbs.)
63118	fiberglass	18-1/4" (464 mm)	3/8" (10 mm)	1/4" (6 mm)	red	3.65
63124	fiberglass	24-1/2" (622 mm)	7/16" (11 mm)	5/16" (8 mm)	red	6.13
63130	fiberglass	30-1/2" (775 mm)	1/2" (13 mm)	3/8" (10 mm)	red	9.50
63136	fiberglass	36-1/2" (927 mm)	9/16" (14 mm)	7/16" (11 mm)	red	12.95

\* Up to Brinell 300, Rockwell C31.

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

### Replacement Bolt Cutter Heads (complete)

Cat. No.	Fits Cat. No.	Weight (lbs.)
63214	63314	1.00
63218	63118, 63318	1.25
63224	63124, 63324	2.10
63230	63130, 63330	3.40
63236	63136, 63336	4.65
63242	63342	5.95

### Replacement Fiberglass Handle Sets

Cat. No.	Fits Cat. No.	Weight (lbs.)
63119	63118	2.15
63125	63124	3.76
63131	63130	5.56
63137	63136	7.55

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.





# Bolt Cutters

## Bolt Cutters – Heavy-Duty



- Designed for constant use in the most demanding applications.
- Heavy-duty side plates keep jaws aligned for clean, quick cuts through reinforcing rod, wire mesh, guy strand, and many other materials too tough for standard bolt cutters.
- Steel handles and precision ground, forged alloy tool steel jaws.
- Lever design creates 4,000 lbs. jaw pressure with 50 lbs. hand pressure.
- Handles have heavy vinyl grips with flat grip ends for 90° cuts.

63536

Steel Handles					
Cat. No.	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**	Handle Color	Weight (lbs.)
63524	24" (610 mm)	7/16" (11 mm)	5/16" (8 mm)	red	7.10
63530	30" (762 mm)	1/2" (13 mm)	3/8" (10 mm)	red	11.65
63536	36" (914 mm)	9/16" (14 mm)	7/16" (11 mm)	red	16.35
63542	42" (1067 mm)	11/16" (18 mm)	1/2" (13 mm)	red	21.00

\* Up to Brinell 300, Rockwell C31.

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

Replacement Bolt Cutter Heads (complete)		
Cat. No.	Fits Cat. No.	Weight (lbs.)
63624	63524	2.75
63630	63530	4.80
63636	63536	6.50
63642	63542	8.70

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

# Insulated Tools

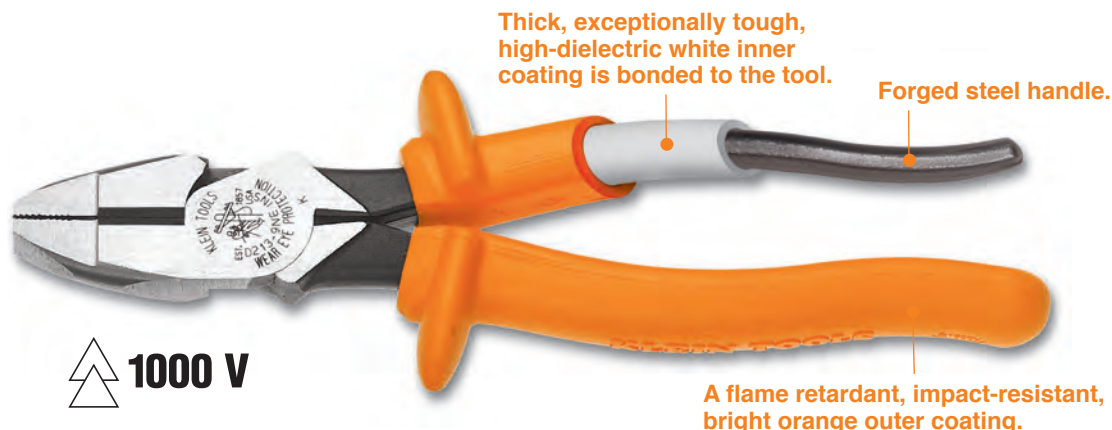
Klein insulated tools maintain the highest level of quality and they offer added protection against shock from energized sources with voltage up to 1000 volts. Insulated tools from Klein offer superior functionality while reducing the risk of injury.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Insulated Tools



# Introduction – Insulated Tools



The line of insulated tools incorporates all the Klein quality design and construction features that professionals have relied on. The 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.

All catalog numbers for Klein insulated tools have the suffix “INS” 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.**

- All Klein insulated tools comply with the IEC 60900 and ASTM F 1505 standards for insulated tools, and are clearly marked with the 1000-volt rating symbol.
- The large, bright orange handles make the tool comfortable to use all day and easy to identify in the field.
- The insulation on each tool consists of two layers. The high-dielectric white inner layer is a thick, exceptionally tough base coating which is bonded to the tool. The outer layer is a flame-retardant, bright orange color.

## Insulated Pliers

### Features:



▲ 1000 V

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



▲ **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:** 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:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** 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:

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



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NE-INS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.25
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NE-INS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.25

\*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:

- Individually tested to exceed standards.
- Crimping die behind hinge for superior leverage.



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NECR-INS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.24

## Insulated Universal Side-Cutting Pliers – Connector Crimping

Additional Features:

- Individually tested to exceed standards.
- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals.
- Toothed pipe-grip for greater power.



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
12098-INS	Universal	8-7/8" (225 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	1/2" (13 mm)	3/4" (19 mm)	insulated	orange	.89

## Insulated High-Leverage Diagonal-Cutting Pliers

Additional Features:

- Individually tested to exceed standards.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D228-8-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74
<b>2000 Series* – Heavy-duty cutting knives</b>								
D2000-28-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74

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

All dimensions are in inches and (millimeters).

**⚠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:** 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:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.





# Insulated Pliers

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

### Additional Features:

- Individually tested to exceed standards.
- Angled head for easier work in confined spaces.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



D248-8-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D248-8-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74
<b>2000 Series* – Heavy-duty cutting knives</b>								
D2000-48-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74

\*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:

- Individually tested to exceed standards.
- Heavy-duty tapered nose design.
- One-inch deep jaws easily reach into confined spaces.



D220-7-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D220-7-INS	7-7/8" (200 mm)	1" (25 mm)	31/32" (25 mm)	1/2" (13 mm)	standard	insulated	orange	.66

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

### Additional Features:

- Individually tested to exceed standards.
- Induction hardened cutting knives for long life.
- Heavier design for easier, more comfortable cutting.
- Extended handles provide added reach and leverage.
- Cat. No. D203-8N-INS has skinning hole for No. 12 AWG wire.



D203-8N-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-8-INS	8-7/8" (225 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	insulated	orange	.73
D203-8N-INS	8-7/8" (225 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	insulated	orange	.73

All dimensions are in inches and (millimeters).

**⚠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:** 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:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



## Insulated Pliers

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

Additional Features:

- Individually tested to exceed standards.
- Induction hardened cutting knives for long life.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.

1000 V



D203-7-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-6-INS	6-7/8" (175 mm)	1-15/16" (49 mm)	11/16" (17 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	insulated	orange	.35
D203-7-INS	7-3/8" (187 mm)	2-7/16" (62 mm)	11/16" (17 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	insulated	orange	.37

### Insulated Pump Pliers

Additional Features:

- Individually tested to exceed standards.
- Secure tongue and groove design for non-slip grip – even with heavy pressure.

1000 V



D502-10-INS

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
D502-10-INS	10-1/4" (260 mm)	1-3/4" (44 mm)	insulated	orange	1.09

## Insulated Crimping/Cutting Tool

### Insulated Crimping/Cutting Tool

Additional Features:

- Individually tested to exceed standards.
- Insulated crimping tool with tapered nose designed 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.

1000 V



1005-INS

Cat. No.	Overall Length	Crimps	Handle Color	Weight (lbs.)
1005-INS	9-3/4" (248 mm)	10 to 22 AWG	orange	1.05

## Insulated Cable Cutter

### Insulated High-Leverage Cable Cutter

Additional Features:

- Individually tested to exceed standards.
- Special, high-leverage design for exceptional cutting capability.
- Cable-gripping shear-type jaws.
- Precision, one-hand shearing action.
- Perfect for working in confined spaces.

1000 V



63050-INS

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

Cat. No.	Overall Length	Cuts Up to	Handle Color	Weight (lbs.)
63050-INS	9-5/8" (245 mm)	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications wire	orange	1.04

All dimensions are in inches and (millimeters).

**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:** 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:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



# Insulated Stripper/Cutters

## Insulated Wire Stripper/Cutter

Additional Features:

- Individually dielectrically tested.
- Gauges, cuts, strips, and loops wire.
- Spring-loaded for self-opening.
- Compact, lightweight wire-stripping, 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.



11049-INS

Cat.No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
11045-INS	7" (178 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> )	orange	.70
11049-INS	7" (178 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> )	orange	.70

## Insulated Wire Stripper/Cutter KLEIN-KURVE®

Additional Features:

- Individually tested to exceed standards.
- 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.



11055-INS

Cat.No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
11055-INS	8" (203 mm)	10, 12, 14, 16, 18 AWG solid 12, 14, 16, 18, 20 AWG stranded	orange	.75

# Insulated Screwdrivers and Nut Drivers

## Features:



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

Custom, US-made tool steel.



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

Two layers of insulation provide protection against electric shock.

Bright orange outer coating is flame and impact resistant.

Patented Tip-Ident® quickly identifies nut driver size.



All dimensions are in inches and (millimeters).

**⚠ 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 use screwdrivers to pry or chisel.

**⚠ 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 and Nut Drivers

## Insulated Keystone-Tip – Heavy-Duty Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Tips are precision ground to fit screw openings securely and resist slippage.
- Cushion-Grip handles for superior torque and comfort.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
602-4-INS	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.30
602-6-INS	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.40
602-10-INS	3/8" (10 mm)	10" (254 mm)	15-7/16" (392 mm)	.66

## Insulated Cabinet-Tip – Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Cushion-Grip handles for superior torque and comfort.
- Perfect for electrical, telephone and work in recessed holes and other tight spaces.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
601-4-INS	3/16" (5 mm)	4" (102 mm)	7-3/4" (197 mm)	.17
601-6-INS	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.19
601-8-INS	3/16" (5 mm)	8" (203 mm)	11-3/4" (298 mm)	.21

## Insulated Phillips-Tip – Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Cushion-Grip handles for superior torque and comfort.
- Tips are profiled to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.



Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
603-3-INS	No. 1	3" (76 mm)	6-3/4" (171 mm)	.16
603-4-INS	No. 2	4" (102 mm)	8-5/16" (211 mm)	.30
603-6-INS	No. 3	6" (152 mm)	11" (279 mm)	.40

## Insulated, Square-Recess-Tip Screwdriver – Round-Shank

Additional Features:

- Individually tested to exceed standards.
- Round shank with square-recess tip.
- Cushion-Grip handle for superior torque and comfort.



Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
665-INS	No. 1	8" (203 mm)	11-3/4" (298 mm)	.30
666-INS	No. 2	8" (203 mm)	12-5/16" (313 mm)	.35
667-INS	No. 3	8" (203 mm)	12-1/4" (313 mm)	.40

All dimensions are in inches and (millimeters).

**⚠ 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 use to pry or chisel.

**⚠ 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 Nut Drivers

## Insulated Cushion-Grip, Hollow-Shaft Nut Drivers

Additional Features:

- Individually tested to exceed standards.
- Cushion-Grip handles for superior torque and comfort.
- Handle caps are color-coded for easy size identification.
- Insulated, full hollow-shaft permits turning nuts on long screws.



630-5/8-INS

Cat. No.	Color Code	Hex Size	Shank Length	Overall Length	Weight (lbs.)
630-3/16-INS	black	3/16"	3" (76 mm)	6-3/4" (171 mm)	.17
630-1/4-INS	red	1/4"	3" (76 mm)	6-3/4" (171 mm)	.18
630-5/16-INS	yellow	5/16"	3" (76 mm)	6-3/4" (171 mm)	.18
630-11/32-INS	green	11/32"	3" (76 mm)	6-3/4" (171 mm)	.19
630-3/8-INS	blue	3/8"	3" (76 mm)	6-3/4" (171 mm)	.20
630-7/16-INS	brown	7/16"	3" (76 mm)	7-5/16" (186 mm)	.26
630-1/2-INS	red	1/2"	3" (76 mm)	7-5/16" (186 mm)	.28
630-9/16-INS	orange	9/16"	4" (102 mm)	9-3/8" (238 mm)	.40
630-5/8-INS	yellow	5/8"	4" (102 mm)	9-3/8" (238 mm)	.43

Cat. No.	Color Code	Hex Size	Shank Length	Overall Length	Weight (lbs.)
646-3/16-INS	black	3/16"	6" (152mm)	9-3/4" (238 mm)	.22
646-1/4-INS	red	1/4"	6" (152mm)	9-3/4" (238 mm)	.23
646-5/16-INS	yellow	5/16"	6" (152mm)	9-3/4" (238 mm)	.23
646-11/32-INS	green	11/32"	6" (152mm)	9-3/4" (238 mm)	.24
646-3/8-INS	blue	3/8"	6" (152mm)	9-3/4" (238 mm)	.25
646-7/16-INS	brown	7/16"	6" (152mm)	9-3/4" (238 mm)	.31
646-1/2-INS	red	1/2"	6" (152mm)	10-5/16" (262 mm)	.33
646-9/16-INS	orange	9/16"	6" (152mm)	11-3/8" (289 mm)	.45
646-5/8-INS	yellow	5/8"	6" (152mm)	11-3/8" (289 mm)	.48

## Insulated Skinning Knife

### Insulated Cable/Lineman's Skinning Knife

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Extra-strong construction for line work.
- Tough, tempered-steel blade provides maximum sharpness and durability to withstand frequent cable scoring.
- Rugged insulated handle provides a firm, comfortable grip and has large finger guard.



1570-3LR-INS

Cat. No.	Blade Length	Handle Color	Nominal Overall Length	Weight (lbs.)
1570-3LR-INS	2-1/4" (57 mm)	orange	7-3/4" (197 mm)	.40

## Insulated Screwdriver Sets

### 2-Piece 4" Insulated Screwdriver Set

- Patented Tip-Ident® quickly identifies screwdriver type and tip orientation.
- Individually tested to exceed standards.



33532-INS

Cat. No.	Set Contains					Weight (lbs.)
33532-INS						.60
	Cat. No.	Description	Shank Tip Width	Shank Length	Overall Length	
	602-4-INS	round-shank, keystone-tip	1/4" (6 mm)	4" (102 mm)	8-5/16" (211 mm)	
	603-4-INS	round-shank, profilled Phillips-tip	No. 2	4" (102 mm)	8-5/16" (211 mm)	

**WARNING:** Do NOT use to pry or chisel.

All dimensions are in inches and (millimeters).

**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:** 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:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



# Insulated Tool Kits

## General-Purpose Insulated 22-Piece Tool Kit

- A comprehensive assortment of 22 insulated tools.
- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- The custom 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.
- Case's inside dimensions are:  
17-3/4" W x 14-1/4" D x 8" H  
(451 mm x 362 mm x 203 mm).
- Overall case dimensions are:  
18-7/8" W x 15-3/8" D x 8-1/4" H  
(479 mm x 391 mm x 210 mm).
- Replaceable case available Cat. No. 33537.

 1000 V

See individual tool listings for more details.



33527

Cat. No.	Kit Contains	Weight (lbs.)	
33527		24.30	
Cat. No.	Description	Cat. No.	Description
D2000-9NE-INS	insulated side-cutting pliers	602-6-INS	insulated keystone – heavy-duty round-shank screwdriver (5/16" x 6")
12098-INS	insulated universal side-cutting pliers	602-10-INS	insulated keystone – heavy-duty round-shank screwdriver (3/8" x 10")
D2000-28-INS	insulated diagonal-cutting pliers	603-3-INS	insulated Phillips – round-shank screwdriver (No. 1)
D2000-48-INS	insulated diagonal-cutting pliers – angled head	603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)
D203-8N-INS	insulated heavy-duty long-nose pliers – side-cutting	603-6-INS	insulated Phillips – round-shank screwdriver (No. 3)
D220-7-INS	insulated diagonal-cutting pliers – tapered nose	D502-10-INS	insulated pump pliers
D203-6-INS	insulated long-nose pliers – side-cutting	11045-INS	insulated wire stripper/cutter
D203-7-INS	insulated long-nose pliers – side-cutting	63050-INS	insulated high-leverage cable cutter
601-4-INS	insulated cabinet – round-shank screwdriver (3/16" x 4")	1570-3LR-INS	insulated cable/lineman's skinning knife
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")	1005-INS	insulated crimping/cutting tool
601-8-INS	insulated cabinet – round-shank screwdriver (3/16" x 8")	33537	extra-sturdy, bright-yellow case
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")		

All dimensions are in inches and (millimeters).

**▲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:** 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:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



# Insulated Tool Kits

## Utility Insulated 13-Piece Tool Kit

- An assortment of 13 professional, insulated tools.
- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- 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.
- Case's inside dimensions are: 17-3/4" W x 14-1/4" D x 8" H (451 mm x 362 mm x 203 mm).
- Overall case dimensions are: 18-7/8" W x 15-3/8" D x 8-1/4" H (479 mm x 391 mm x 210 mm).
- Replaceable case available Cat. No. 33535.



Cat. No.	Kit Contains	Weight (lbs.)
33525		20.05

Cat. No.	Description
D2000-9NE-INS	insulated side-cutting pliers
D2000-28-INS	insulated diagonal-cutting pliers
D2000-48-INS	insulated diagonal-cutting pliers – angled head
D203-8-INS	insulated heavy-duty long-nose pliers – side-cutting
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")
602-6-INS	insulated keystone – heavy-duty round-shank screwdriver (5/16" x 6")
602-10-INS	insulated keystone – heavy-duty round-shank screwdriver (3/8" x 10")
603-3-INS	insulated Phillips – round-shank screwdriver (No. 1)



33525

603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)
603-6-INS	insulated Phillips – round-shank screwdriver (No. 3)
63050-INS	insulated high-leverage cable cutter
D502-10-INS	insulated pump pliers
1570-3LR-INS	insulated cable/lineman's skinning knife
33535	extra-sturdy, bright-yellow case

## Insulated 8-Piece Tool Kits

- Compact assortment of eight popular insulated tools.
- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Highly durable, black, nylon case features: coil-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).
- Replaceable case available Cat. No. 33536.



### Premium Insulated 8-Piece Tool Kit

Cat. No.	Kit Contains	Weight (lbs.)
33529	Premium Insulated Tool Kit	6.90

Cat. No.	Description
D2000-9NE-INS	insulated side-cutting pliers
D2000-48-INS	insulated diagonal-cutting pliers
D203-8N-INS	insulated heavy-duty long-nose pliers – side-cutting
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")
603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)
63050-INS	insulated high-leverage cable cutter
11055-INS	insulated wire stripper/cutter
33536	heavy-duty polyester case



33529

See individual tool listings for more details.

All dimensions are in inches and (millimeters).

**⚠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:** 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:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



## Basic Insulated 8-Piece Tool Kit

Cat. No.	Kit Contains	Weight (lbs.)
33526	Basic Insulated Tool Kit	6.90
Cat. No.	Description	
D213-9NE-INS	insulated side-cutting pliers	
D228-8-INS	insulated diagonal-cutting pliers	
D203-8N-INS	insulated heavy-duty long-nose pliers – side-cutting	
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")	
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")	
603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)	
63050-INS	insulated high-leverage cable cutter	
11045-INS	insulated wire stripper/cutter	
33536	heavy-duty polyester case	

## Basic Insulated 8-Piece Tool Kit II

Cat. No.	Kit Contains	Weight (lbs.)
33531	Basic Insulated Tool Kit II	6.90
Cat. No.	Description	
D213-9NE-INS	insulated side-cutting pliers	
D228-8-INS	insulated diagonal-cutting pliers	
D203-8N-INS	insulated heavy-duty long-nose pliers – side-cutting	
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")	
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")	
603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)	
D502-10-INS	insulated pump pliers	
11045-INS	insulated wire stripper/cutter	
33536	heavy-duty polyester case	

## Cushion-Grip Insulated 9-Piece Screwdriver Kit

- Nine-piece insulated screwdriver assortment with three sizes of each tip style: cabinet, keystone, and Phillips.
- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Highly durable, black, nylon case features: coil-zipper closure, polypropylene handles, custom-fitted tool pockets, extra pocket is provided for storage of papers or other items.
- Overall case dimensions are: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm).
- Replaceable case available Cat. No. 33538.



Cat. No.	Kit Contains	Weight (lbs.)
33528		5.40
Cat. No.	Description	
601-4-INS	insulated cabinet – round-shank screwdriver (3/16" x 4")	
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")	
601-8-INS	insulated cabinet – round-shank screwdriver (3/16" x 8")	
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")	
602-6-INS	insulated keystone – heavy-duty round-shank screwdriver (5/16" x 6")	
602-10-INS	insulated keystone – heavy-duty round-shank screwdriver (3/8" x 10")	
603-3-INS	insulated Phillips – round-shank screwdriver (No. 1)	
603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)	
603-6-INS	insulated Phillips – round-shank screwdriver (No. 3)	
33538	heavy-duty polyester case	



33528

See individual tool listings for more details.

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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.

**▲WARNING:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.





# Insulated Tool Kits

## Cushion-Grip Insulated 9-Piece Nut Driver Kits

- Nine-piece insulated nut driver assortment of popular sizes.
- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Highly durable, black, nylon case features: oil-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" x 3-1/2" (381 mm x 324 mm x 89 mm).
- Replaceable case available Cat. No. 33534.

See individual tool listings for more details.



33523



33524

Cat. No.	Kit Contains	Weight (lbs.)
33523		5.75
Cat. No.	Description	
630-3/16-INS	insulated 3/16" hollow shaft nut driver, 3" shaft	
630-1/4-INS	insulated 1/4" hollow shaft nut driver, 3" shaft	
630-5/16-INS	insulated 5/16" hollow shaft nut driver, 3" shaft	
630-11/32-INS	insulated 11/32" hollow shaft nut driver, 3" shaft	
630-3/8-INS	insulated 3/8" hollow shaft nut driver, 3" shaft	
630-7/16-INS	insulated 7/16" hollow shaft nut driver, 3" shaft	
630-1/2-INS	insulated 1/2" hollow shaft nut driver, 4" shaft	
630-9/16-INS	insulated 9/16" hollow shaft nut driver, 4" shaft	
630-5/8-INS	insulated 5/8" hollow shaft nut driver, 4" shaft	
33534	Custom heavy-duty Cordura® case	

Cordura® is a registered trademark of INVISTA for durable fabrics.

Cat. No.	Kit Contains	Weight (lbs.)
33524		6.00
Cat. No.	Description	
646-3/16-INS	insulated 3/16" hollow shaft nut driver, 6" shaft	
646-1/4-INS	insulated 1/4" hollow shaft nut driver, 6" shaft	
646-5/16-INS	insulated 5/16" hollow shaft nut driver, 6" shaft	
646-11/32-INS	insulated 11/32" hollow shaft nut driver, 6" shaft	
646-3/8-INS	insulated 3/8" hollow shaft nut driver, 6" shaft	
646-7/16-INS	insulated 7/16" hollow shaft nut driver, 6" shaft	
646-1/2-INS	insulated 1/2" hollow shaft nut driver, 6" shaft	
646-9/16-INS	insulated 9/16" hollow shaft nut driver, 6" shaft	
646-5/8-INS	insulated 5/8" hollow shaft nut driver, 6" shaft	
33534	Custom heavy-duty Cordura® case	

Cordura® is a registered trademark of INVISTA for durable fabrics.

All dimensions are in inches and (millimeters).

**▲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:** 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:** Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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:** Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



# Screwdrivers, Nut Drivers & Accessories

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 of use.

Screwdrivers, Nut Drivers  
& Accessories



F O R P r o f e s s i o n a l s . . . s i n c e 1 8 5 7 ®

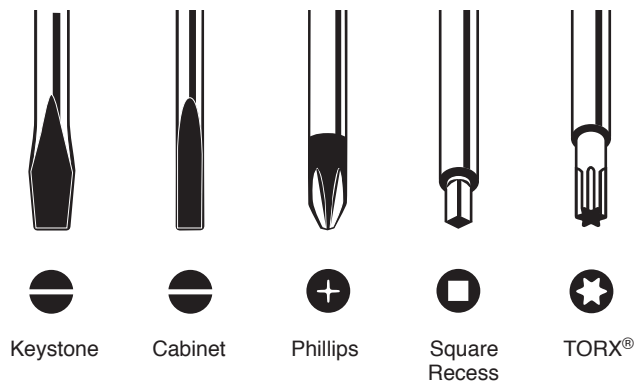


# Introduction – Screwdrivers, Nut Drivers & Accessories

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

The size of the screw and the type of opening it has determines which driver to use. But there 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.

## Journeyman™ Screwdriver Sets

### Features:

**JOURNEYMAN**™

**Sleek new tri-lobed handle** features an ultra comfortable soft-grip material molded over a solid inner core to create exceptional control, grip and balance.

**Hex-shaped welded bolster** offers additional strength between the blade and handle.

**Precision-machined tip** for exact fit into the fastener.

**Exceptionally hard steel shaft** efficiently transfers every bit of torque generated into the tip.



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

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



All dimensions are in inches and (millimeters).

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use to pry or chisel.



## 5-Piece Journeyman™ Screwdriver Set

**JOURNEYMAN**™

Additional Features:

- General purpose selection of the most frequently used screwdrivers.

Cat. No.	Set Contains			Weight (lbs.)
JSDS01				1.15
	Cat. No.	Description	Shaft Length	Overall Length
	JSD6C06	3/16" Cabinet Tip Screwdriver	6" (152 mm)	10-1/4" (260 mm)
	JSD4K08	1/4" Keystone Tip Screwdriver	4" (102 mm)	9" (228 mm)
	JSD6K09	5/16" Keystone Tip Screwdriver	6" (152 mm)	11" (279 mm)
	JSD4PH1	#1 Phillips Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)
	JSD4PH2	#2 Phillips Tip Screwdriver	4" (102 mm)	9" (228 mm)



JSDS01

## 7-Piece Journeyman™ Screwdriver Set

**JOURNEYMAN**™

Additional Features:

- Accommodates a broad range of standard fastener sizes.

Cat. No.	Set Contains			Weight (lbs.)
JSDS02				1.65
Cat. No.	Description	Shaft Length	Overall Length	
JSD4C06	3/16" Cabinet Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)	
JSD6C06	3/16" Cabinet Tip Screwdriver	6" (152 mm)	10-1/4" (260 mm)	
JSD4K08	1/4" Keystone Tip Screwdriver	4" (102 mm)	9" (228 mm)	
JSD6K09	5/16" Keystone Tip Screwdriver	6" (152 mm)	11" (279 mm)	
JSD4PH1	#1 Phillips Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)	
JSD4PH2	#2 Phillips Tip Screwdriver	4" (102 mm)	9" (228 mm)	
JSD6PH3	#3 Phillips Tip Screwdriver	6" (152 mm)	11" (279 mm)	



JSDS02

## Journeyman™ Screwdrivers

### Journeyman™ Cabinet-Tip Screwdrivers – Round Shaft

**JOURNEYMAN**™

Additional Features:

- Narrow cabinet tip permits blade access where space is limited.
- Exceptionally hard steel shaft efficiently transfers torque into the tip.



JSD6C06

Cat. No.	Shaft Tip Width	Shaft Length	Overall Length	Weight (lbs.)
JSD4C06	3/16" (5 mm)	4" (102 mm)	8-1/4" (210 mm)	0.15
JSD6C06	3/16" (5 mm)	6" (152 mm)	10-1/4" (260 mm)	0.15

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠ WARNING:** Do NOT use to pry or chisel.





# Journeyman™ Screwdrivers

## Journeyman™ Phillips-Tip Screwdrivers – Round Shaft

**JOURNEYMAN**

Additional Features:

- Tips are precision machined to provide a consistent symmetry.
- Provides accurate fit and torque without slippage.



JSD4PH2

Cat. No.	Point Size	Shaft Length	Overall Length	Weight (lbs.)
JSD4PH1	No. 1	4" (102 mm)	8-1/4" (210 mm)	0.15
JSD4PH2	No. 2	4" (102 mm)	9" (228 mm)	0.25
JSD6PH3	No. 3	6" (152 mm)	11" (279 mm)	0.35



## Journeyman™ Keystone-Tip Screwdrivers – Round Shaft

**JOURNEYMAN**

Additional Features:

- The most popular flat tip style used in high torque applications.
- Hex bolster reinforces blade for hard use and shows for wrench assisted turning.



JSD6K09

Cat. No.	Shaft Tip Width	Shaft Length	Overall Length	Weight (lbs.)
JSD4K08	1/4" (6 mm)	4" (102 mm)	9" (228 mm)	0.25
JSD6K09	5/16" (8 mm)	6" (152 mm)	11" (279 mm)	0.35



## Cushion-Grip Screwdriver Sets

Features:

**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.

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

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



MADE IN USA

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




# Cushion-Grip Screwdriver Sets

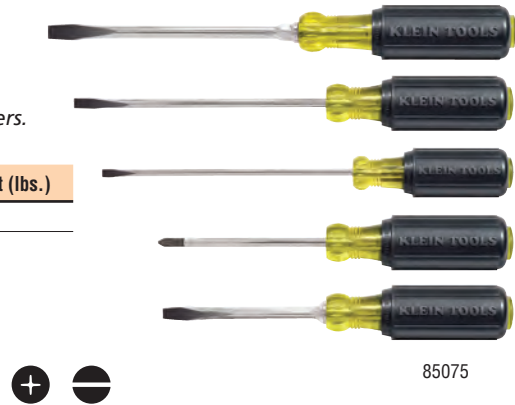
## 5-Piece Cushion-Grip Screwdriver Set

Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes two cabinet-tip, one Phillips-tip and two keystone-tip screwdrivers.

Cat. No.	Set Contains			Weight (lbs.)
85075				1.30
Cat. No.	Description	Blade Length	Overall Length	
	600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
	601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)
	602-6	round-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)
	603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
	605-6	round-shank, cabinet-tip*	6" (152 mm)	10-11/32" (263 mm)


\* Heavy-duty models



## 7-Piece Cushion-Grip Screwdriver Set

Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes three cabinet-tip, two Phillips-tip and two keystone-tip styles.

Cat. No.	Set Contains			Weight (lbs.)
85076				1.50
Cat. No.	Description	Blade Length	Overall Length	
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)	
602-6	round-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)	
601-3	round-shank, cabinet-tip	3" (76 mm)	6-3/4" (171 mm)	
601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)	
605-4	round-shank, cabinet-tip*	4" (102 mm)	8-11/32" (212 mm)	
603-3	round-shank, No. 1 Phillips-tip	3" (76 mm)	6-3/4" (171 mm)	
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)	

\* Heavy-duty models



## 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 (lbs.)	
85077		1.65	
Cat. No.	Description	Blade Length	Overall Length
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)
602-6	round-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
605-6	round-shank, cabinet-tip*	6" (152 mm)	10-11/32" (263 mm)
670-6	cabinet-tip rotary screwdriver	6" (152 mm)	9-3/4" (248 mm)
K36	slotted screw-holding screwdriver	6" (152 mm)	9-3/4" (248 mm)

\* Heavy-duty model



All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Do NOT use to pry or chisel.

Screwdrivers, Nut Drivers  
& Accessories



# Cushion-Grip Screwdriver Sets

## 7-Piece Multiple-Application Screwdriver & Nut Driver Set

Additional Features:

- Specialty set for a wide variety of applications.
- Includes one keystone-tip, two cabinet-tip, one Phillips-tip and three nut drivers.

Cat. No.	Set Contains			Weight (lbs.)
55152				2.00
Cat. No.	Description	Shank Length	Overall Length	
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)	
601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)	
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)	
605-6	round-shank, cabinet-tip*	6" (152 mm)	10-11/32" (263 mm)	
630-1/4	1/4" hex nut driver	3" (76 mm)	6-3/4" (171 mm)	
630-5/16	5/16" hex nut driver	3" (76 mm)	6-3/4" (171 mm)	
630-3/8	3/8" hex nut driver	3" (76 mm)	6-3/4" (171 mm)	

\* Heavy-duty models



55152

## 8-Piece Cushion-Grip Screwdriver Set

Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes one cabinet-tip, three keystone-tip, four Phillips-tip styles.

Cat. No.	Set Contains			Weight (lbs.)
85078				1.65
Cat. No.	Description	Shank Length	Overall Length	
600-1	round-shank, keystone-tip	1-1/2" (38 mm)	3-7/16" (87 mm)	
601-3	round-shank, cabinet-tip	3" (76 mm)	6-3/4" (171 mm)	
600-4	square-shank, keystone-tip *	4" (102 mm)	8-11/32" (212 mm)	
602-6	round-shank, keystone-tip *	6" (152 mm)	10-15/16" (278 mm)	
603-1	round-shank, No. 2 Phillips-tip	1-1/2" (38 mm)	3-7/16" (87 mm)	
603-3	round-shank, No. 1 Phillips-tip	3" (76 mm)	6-3/4" (171 mm)	
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)	
603-6	round-shank, No. 3 Phillips-tip	6" (152 mm)	11" (279 mm)	

\* Heavy-duty models



85078

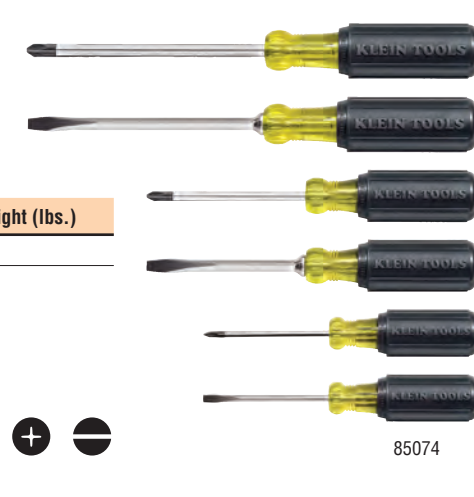
## 6-Piece Cushion-Grip Screwdriver Set

Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes one cabinet-tip, two keystone-tip and three Phillips-tip styles.

Cat. No.	Set Contains			Weight (lbs.)
85074				1.50
Cat. No.	Description	Blade Length	Overall Length	
601-3	round-shank, cabinet-tip	3" (76 mm)	6-3/4" (171 mm)	
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)	
600-6	square-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)	
603-3	round-shank, No. 1 Phillips-tip	3" (76 mm)	6-3/4" (171 mm)	
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)	
603-6	round-shank, No. 3 Phillips-tip	6" (152 mm)	11" (279 mm)	

\* Heavy-duty models



85074

All dimensions are in inches and (millimeters).

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Always wear approved eye protection.

**WARNING:** Do NOT use to pry or chisel.



# Cushion-Grip Screwdriver Sets

## 4-Piece Cushion-Grip Screwdriver Set

Additional Features:

- The screwdrivers Professionals carry most often.
- Includes one Phillips-tip, two keystone-tip, one cabinet-tip screwdrivers.

NEW!

Cat. No.	Set Contains			Weight (lbs.)
85105				1.50
	Cat. No.	Description	Blade Length	Overall Length
	603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
	600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
	601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)
	600-6	square-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)



85105



## 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.
- Includes one Phillips-tip and one cabinet-tip.

Cat. No.	Set Contains				Weight (lbs.)
85072					.70
	Cat. No.	Description	Shank Tip Width	Shank Length	Overall Length
	603-10	round-shank, profilated Phillips-tip	No. 2	10" (254 mm)	14-5/16" (363 mm)
	605-10	round-shank, cabinet-tip	1/4" (6 mm)	10" (254 mm)	14-5/16" (363 mm)



85072



## 4-Piece Miniature Cushion-Grip Screwdriver Set

Additional Feature:

- Precision tips for exact fit and rigorous applications.

Cat. No.	Set Contains				Weight (lbs.)
85484					.14
Cat. No.	Tip Type Size	Shank Tip Size	Shank Length	Overall Length	
604-3	Phillips	No. 0	3" (76 mm)	5-3/4" (146 mm)	
606-2	keystone	1/16" (1.6 mm)	2" (51 mm)	4-3/4" (121 mm)	
607-3	cabinet	3/32" (2.4 mm)	3" (76 mm)	5-3/4" (146 mm)	
608-3	cabinet	1/8" (3.2 mm)	3" (76 mm)	5-3/4" (146 mm)	



85484



All dimensions are in inches and (millimeters).

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Always wear approved eye protection.

**WARNING:** Do NOT use to pry or chisel.

Screwdrivers, Nut Drivers & Accessories





# Cushion-Grip Screwdriver Sets

## 4-Piece Square Recess Cushion-Grip Screwdriver Set

Additional Features:

- Color-coded handle ends with Tip-Ident® for quick and easy identification.
- Round shank with square-recess tip.
- Chrome-plated shank for corrosion resistance.
- Cushion-grip handle for greater torque and comfort.
- Works on most combination head receptacle, switch and panel screws.

Cat. No.	Set Contains	Weight (lbs.)
85664		1.50

Cat. No.	Point Size	Color Code	Shank Length	Overall Length
660	No. 0	yellow	4" (102 mm)	7-3/4" (197 mm)
661	No. 1	green	4" (102 mm)	7-3/4" (197 mm)
662	No. 2	red	4" (102 mm)	8-5/16" (211 mm)
663	No. 3	black	4" (102 mm)	8-5/16" (211 mm)



85664

## 5-Piece TORX® Cushion-Grip Screwdriver Set

Additional Features:

- Color-coded handle ends with Tip-Ident® for quick and easy identification.
- TORX® drive systems transmit more torque to the work and reduce slippage, saving fasteners.
- Chrome plated shank for corrosion resistance.
- Cushion-grip handle for greater torque and comfort.

Cat. No.	Set Contains	Weight (lbs.)
19555		1.20

Cat. No.	TORX® Size	Color Code	Shank Length	Overall Length
19542	T15	yellow	4" (102 mm)	7-3/4" (197 mm)
19543	T20	green	4" (102 mm)	7-3/4" (197 mm)
19544	T25	blue	4" (102 mm)	7-3/4" (197 mm)
19545	T27	brown	4" (102 mm)	8-5/16" (211 mm)
19546	T30	red	4" (102 mm)	8-5/16" (211 mm)



19555

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

## 2-Piece Stubby Screwdriver Set

Additional Feature:

- Double wings inside handle provide solid, twist-resistant blade anchor.



85071



Cat. No.	Set Contains	Weight (lbs.)
85071		.30

Cat. No.	Description	Shank Length	Overall Length
600-1	round-shank, keystone-tip	1-1/2" (38 mm)	3-7/16" (87 mm)
603-1	round-shank, Phillips-tip	1-1/2" (38 mm)	3-7/16" (87 mm)

## Stubby Square-Recess Tip Cushion-Grip Screwdrivers

Additional Features:

- Double wings inside handle provide solid, twist-resistant blade anchor.
- Works on most combination head receptacle and switch screws.
- Color-coded handle ends for quick and easy identification.



85155

Cat. No.	Description	Color Code	Shank Length	Overall Length	Weight (lbs.)
668	round-shank, No. 1 square-recess tip	green	1-1/2" (38 mm)	3-7/16" (87 mm)	.15
669	round-shank, No. 2 square-recess tip	red	1-1/2" (38 mm)	3-7/16" (87 mm)	.15

### Stubby Square-Recess Cushion-Grip Screwdriver Set

Cat. No.	Description	Color Code	Shank Length	Overall Length	Weight (lbs.)
85155	2-piece stubby square-recess cushion-grip screwdriver set	green (Cat. No. 668), red (Cat. No. 669)	1-1/2" (38 mm)	3-7/16" (87 mm)	.30

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Do NOT use to pry or chisel.



## Keystone-Tip Screwdrivers – Heavy-Duty Square-Shanks

Additional Features:

- Heavy-duty square shank for wrench-assisted turning.
- Bolster reinforces shank for hard use.
- Designed for the most demanding uses.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
600-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
600-6	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.40
600-8	3/8" (10 mm)	8" (203 mm)	13-7/16" (341 mm)	.65
600-12	1/2" (13 mm)	12" (305 mm)	17-7/16" (443 mm)	.80



600-4

## Keystone-Tip Screwdrivers – Heavy-Duty Round-Shanks

Additional Features:

- Built to handle the tough jobs with ease.
- Hex bolster reinforces shank for hard use and allows wrench assisted turning.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
600-1*	1/4" (6 mm)	1-1/2" (38 mm)	3-7/16" (87 mm)	.10
602-3	7/32" (6 mm)	3" (76 mm)	6-3/4" (171 mm)	.15
602-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
602-6	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.35
602-8	3/8" (10 mm)	8" (203 mm)	13-7/16" (341 mm)	.55
602-10	3/8" (10 mm)	10" (254 mm)	15-7/16" (392 mm)	.60
602-12	3/8" (10 mm)	12" (305 mm)	17-7/16" (443 mm)	.65



602-6

\* Bolster not available on 600-1.  
Refer to the insulated section for insulated screwdrivers.

## Cabinet-Tip Screwdrivers – Round-Shanks

Additional Feature:

- Narrow cabinet-tip permits blade access where space is limited.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
601-3	3/16" (5 mm)	3" (76 mm)	6-3/4" (171 mm)	.10
601-4	3/16" (5 mm)	4" (102 mm)	7-3/4" (197 mm)	.15
601-6	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.15
601-8	3/16" (5 mm)	8" (203 mm)	11-3/4" (298 mm)	.20
601-10	3/16" (5 mm)	10" (254 mm)	13-3/4" (349 mm)	.20



601-6

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
<b>Heavy-Duty Shanks</b>				
605-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
605-6	1/4" (6 mm)	6" (152 mm)	10-11/32" (263 mm)	.30
605-8	1/4" (6 mm)	8" (203 mm)	12-11/32" (314 mm)	.30
605-10	1/4" (6 mm)	10" (254 mm)	14-11/32" (365 mm)	.35

Refer to the insulated section for insulated screwdrivers.

## Profilated Phillips-Tip Screwdrivers – Round-Shanks

Additional Features:

- Tips are precision-machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.
- Provides accurate fit and torque without slippage.



603-7

Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
603-1	No. 2	1-1/2" (38 mm)	3-7/16" (87 mm)	.10
603-3	No. 1	3" (76 mm)	6-3/4" (171 mm)	.15
603-4	No. 2	4" (102 mm)	8-5/16" (211 mm)	.25
603-6	No. 3	6" (152 mm)	11" (279 mm)	.35
603-7	No. 2	7" (178 mm)	11-5/16" (287 mm)	.30
603-10	No. 2	10" (254 mm)	14-5/16" (364 mm)	.35

Refer to the insulated section for insulated screwdrivers.

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Do NOT use to pry or chisel.



# Cushion-Grip Screwdrivers

## Miniature Cushion-Grip Screwdrivers



Additional Feature:

- Precision tip for exact fit and rigorous applications.

Cat. No.	Tip Type	Shank Tip Size	Shank Length	Overall Length	Weight (lbs.)
604-3	Phillips	No. 0	3" (76 mm)	5-3/4" (146 mm)	.04
606-2	keystone	1/16" (1.6 mm)	2" (51 mm)	4-3/4" (121 mm)	.03
607-2	cabinet	3/32" (2.4 mm)	2" (51 mm)	4-3/4" (121 mm)	.03
607-3	cabinet	3/32" (2.4 mm)	3" (76 mm)	5-3/4" (146 mm)	.04
607-4	cabinet	3/32" (2.4 mm)	4" (102 mm)	6-3/4" (171 mm)	.04
608-2	cabinet	1/8" (3.2 mm)	2" (51 mm)	4-3/4" (121 mm)	.03
608-3	cabinet	1/8" (3.2 mm)	3" (76 mm)	5-3/4" (146 mm)	.04
608-4	cabinet	1/8" (3.2 mm)	4" (102 mm)	6-3/4" (171 mm)	.05
608-6	cabinet	1/8" (3.2 mm)	6" (152 mm)	8-3/4" (222 mm)	.05
608-8	cabinet	1/8" (3.2 mm)	8" (203 mm)	10-3/4" (273 mm)	.05
608-10	cabinet	1/8" (3.2 mm)	10" (254 mm)	12-3/4" (324 mm)	.05

## Coated Cabinet-Tip Screwdrivers – Round-Shanks



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.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
620-3	3/16" (5 mm)	3" (76 mm)	6-3/4" (171 mm)	.15
621-6	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.20
621-8	3/16" (5 mm)	8" (203 mm)	11-3/4" (298 mm)	.20
621-10	3/16" (5 mm)	10" (254 mm)	13-3/4" (349 mm)	.25
<b>Heavy-Duty Shanks</b>				
620-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.20
620-6	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.40
620-8	3/8" (10 mm)	8" (203 mm)	13-7/16" (341 mm)	.60

## Square-Recess Tip Screwdrivers – Round-Shanks



Additional Features:

- Color-coded handle ends for quick and easy identification.
- Round shank with square-recess tip.
- Chrome plated shank for corrosion resistance.

Cat. No.	Point Size	Color Code	Shank Length	Overall Length	Weight (lbs.)
660	No. 0	yellow	4" (102 mm)	7-3/4" (197 mm)	.20
661	No. 1	green	4" (102 mm)	7-3/4" (197 mm)	.20
662	No. 2	red	4" (102 mm)	8-1/4" (210 mm)	.30
663	No. 3	black	4" (102 mm)	8-1/4" (210 mm)	.30
665	No. 1	green	8" (203 mm)	11-3/4" (298 mm)	.30
666	No. 2	red	8" (203 mm)	12-1/4" (311 mm)	.40
667	No. 3	black	8" (203 mm)	12-1/4" (311 mm)	.40

Refer to the insulated section for insulated screwdrivers.

## TORX® Screwdrivers – Round-Shanks



Additional Features:

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

Cat. No.	TORX® Size	Color Code	Shank Length	Overall Length	Weight (lbs.)
19542	T15	yellow	4" (102 mm)	8-5/16" (211 mm)	.20
19543	T20	green	4" (102 mm)	8-5/16" (211 mm)	.25
19544	T25	blue	4" (102 mm)	8-5/16" (211 mm)	.25
19545	T27	brown	4" (102 mm)	8-5/16" (211 mm)	.25
19546	T30	red	4" (102 mm)	8-5/16" (211 mm)	.25

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

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Do NOT use to pry or chisel.



## Cushion-Grip Screwdrivers

### Conduit-Fitting and Reaming Screwdriver

#### Additional Features:

- 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 1/16" set screw.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
85191	5/16" (8 mm)	2-1/2" (64 mm)	7-1/2" (191 mm)	.50
19353	conduit reamer replacement blade kit			.01

### 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.



Cat. No.	Conduit Capacity	Weight (lbs.)
19352	1/2", 3/4", 1"	.20
19353	conduit reamer replacement blade kit for 19352	.01
19351	conduit reamer replacement blade for 19350	.01

## Rapi-Driv® Screwdrivers

### Cabinet-Tip Screwdrivers – Rapi-Driv®

#### 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.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
670-3	3/16" (5 mm)	4" (102 mm)	7-3/4" (197 mm)	.15
670-6	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.20
671-6	1/4" (6 mm)	6" (152 mm)	9-3/4" (248 mm)	.20

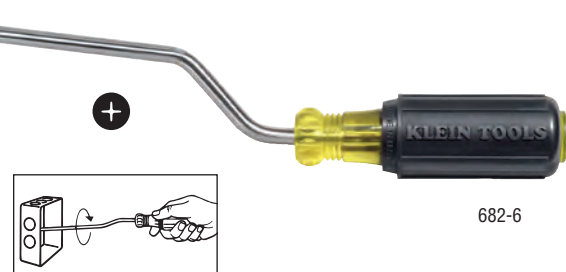


### Phillips Screwdrivers – Rapi-Driv®

#### 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 Size	Shank Length	Overall Length	Weight (lbs.)
681-6	No. 1	6" (152 mm)	9-3/4" (248 mm)	.20
682-6	No. 2	6" (152 mm)	9-3/4" (248 mm)	.25



All dimensions are in inches and (millimeters).

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use to pry or chisel.





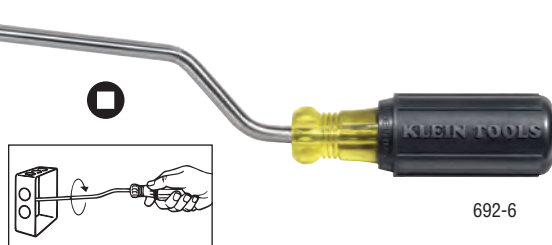
# Rapi-Driv® Screwdrivers

## Square-Recess Screwdrivers – Rapi-Driv®

Additional Features:

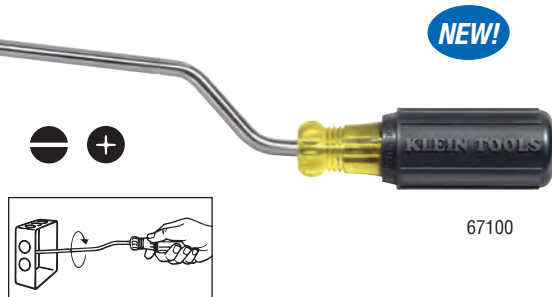
- Crank-action handle spins screws fast with one hand.
- Color-coded handle ends for quick and easy identification.

Cat. No.	Tip Size	Shank Length	Overall Length	Weight (lbs.)
691-6	No. 1	6" (152 mm)	9-3/4" (248 mm)	.35
692-6	No. 2	6" (152 mm)	9-3/4" (248 mm)	.35



## Interchangeable Rapi-Driv®

- The original Klein Cushion-Grip handle for superior comfort and torque!
- 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.	Contains	Shaft Length	Overall Length	Weight (lbs.)
67100	3/16" slotted, #2 Phillips	6"	9-3/4"	.26
<b>2-in-1 Replacement Bit</b>				
Cat. No.	Fits	Description	Quantity	Weight (lbs.)
67101	2-in-1 Rapi-Driv®, 10-in-1, 11-in-1 and 10-Fold™	3/16" slotted, #2 Phillips replacement bit	contains 2 bits	.012

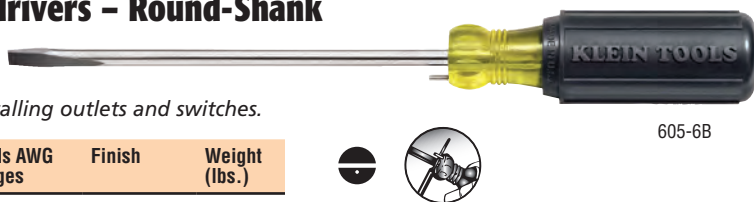
## Specialty Screwdrivers

### Wire Bending Cabinet-Tip Screwdrivers – Round-Shank

Additional Feature:

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

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Bends AWG Gauges	Finish	Weight (lbs.)
605-4B	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	Nos. 10, 12, 14	chrome-plated	0.25
605-6B	1/4" (6 mm)	6" (152 mm)	10-11/32" (263 mm)	Nos. 10, 12, 14	chrome-plated	0.30

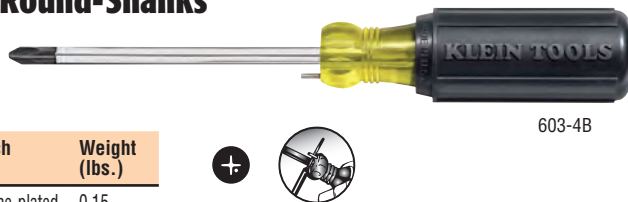


### Wire Bending Phillips-Tip Screwdrivers – Round-Shanks

Additional Feature:

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

Cat. No.	Point Size	Shank Length	Overall Length	Bends AWG Gauges	Finish	Weight (lbs.)
603-3B	No. 1	3" (76 mm)	6-3/4" (171 mm)	Nos. 12 and 14	chrome-plated	0.15
603-4B	No. 2	4" (102 mm)	8-5/16" (211 mm)	Nos. 10, 12, 14	chrome-plated	0.25



All dimensions are in inches and (millimeters).

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠ WARNING:** Always wear approved eye protection.

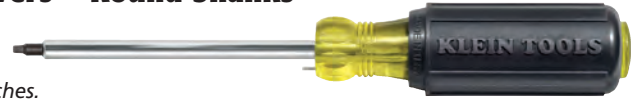
**⚠ WARNING:** Do NOT use to pry or chisel.

## Wire Bending Square-Recess Tip Screwdrivers – Round Shanks

Additional Feature:

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

Cat. No.	Point Size	Shank Length	Overall Length	Bends AWG Gauges	Finish	Weight (lbs.)
661B	No. 1	4" (102 mm)	8-1/4" (210 mm)	Nos. 10, 12, 14	chrome-plated	0.20
662B	No. 2	4" (102 mm)	8-1/4" (210 mm)	Nos. 10, 12, 14	chrome-plated	0.30



661B



## 5-in-1 Screwdriver/Nut Driver

Additional Feature:

- End of handle is marked to quickly identify tool.

Cat. No.	Contains	Weight (lbs.)
32476	5/16" nut driver, #1 and #2 Phillips, 9/32" slotted and 3/16" slotted	.35



32476



## 10-in-1 Screwdriver/Nut Driver

Additional Feature:

- End of handle is marked to quickly identify tool.

Cat. No.	Contains	Weight (lbs.)
32477	5/16" and 1/4" nut drivers, #1 and #2 Phillips, 1/4" and 3/16" slotted, T10 and T15 TORX®, #1 and #2 square-recess	.35



32477



## 11-in-1 Screwdriver/Nut Driver

Additional Feature:

- Integrated screwdriver/nut driver shaft holds 8 popular tips and converts to 3 nut driver sizes.
- End of handle is marked to quickly identify tool.

Cat. No.	Contains	Weight (lbs.)
32500	3/8", 5/16" and 1/4" nut drivers, #1 and #2 Phillips, 1/4" and 3/16" slotted, T10 and T15 TORX®, #1 and #2 square-recess	.44



32500



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

Additional Features:

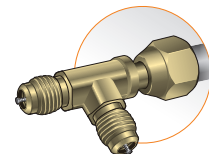
- Versatile 11-in-1 tool for the professional.
- Includes unique style bit for installation/removal of common TR-4 Schrader® valves and aggressive thread extractor tip for backing out broken cores.
- Great for HVAC and other industrial applications.
- Cushion-grip handle for superior torque and comfort.

Cat. No.	Contains	Weight (lbs.)
32527	3/8", 5/16" and 1/4" nut drivers, #1 and #2 Phillips, #1 square and #2 square, 1/4" and 3/16" slotted, Schrader® valve core removal/installation – extractor	.44

NEW!



32527



All dimensions are in inches and (millimeters).

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use to pry or chisel.



# Specialty Screwdrivers

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

10-FOLD™

- Conveniently folds up for easy storage or 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.



TORX®



32536

TAMPERPROOF TORX®



32537

FRACTIONAL HEX



32538

METRIC HEX



32539

Cat. No.	Handle Color	Description	Weight (lbs.)
32535	black	5/16" & 1/4" nut drivers, #1 and #2 Phillips, 1/4" & 3/16" slotted, T10 & T15 TORX®, and #1 and #2 square-recess	0.37
32536	green	5/16" & 1/4" nut drivers, T6, T7, T8, T10, T15, T20, T25, T27 Torx®	0.37
32537	green	5/16" & 1/4" nut drivers, T7, T8, T9, T10, T15, T20, T25, T27 Torx®	0.37
32538	red	5/16" & 1/4" nut drivers, 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16" standard hex	0.37
32539	blue	5/16" & 1/4" nut drivers, .9 mm, 1.3 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm metric hex	0.37

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

## Replacement Bits for Interchangeable Screwdriver/Nut Drivers

- Precision-machined tips for exact fit into fastener.



32484



32482



32483

### Replacement Bits for 5-in-1 Interchangeable Screwdriver/Nut Drivers

Cat. No.	Fits	Description	Quantity	Weight (lbs.)
32478	5-in-1 (Cat. No. 32476)	#1 Phillips – 3/16" slotted	contains 1 bit	.036
32479	5-in-1 (Cat. No. 32476)	#2 Phillips – 9/32" slotted	contains 1 bit	.044

### Replacement Bits for 10-in-1, 11-in-1 and 10-Fold™ Interchangeable Screwdriver/Nut Drivers

Cat. No.	Fits	Description	Quantity	Weight (lbs.)
32482	10-in-1, 11-in-1 and 10-Fold™	#1 Phillips & 3/16" Slotted	contains 2 bits	.010
32483	10-in-1, 11-in-1 and 10-Fold™	#2 Phillips & 1/4" Slotted	contains 2 bits	.012
32484	10-in-1, 11-in-1 and 10-Fold™	#1 Square & #2 Square	contains 2 bits	.010
67101	10-in-1, 11-in-1 and 10-Fold™	#2 Phillips & 3/16" Slotted	contains 2 bits	.012
32540	10-in-1, 11-in-1 and 10-Fold™	TT7 & TT8 Tamperproof Torx®	contains 2 bits	.010
32541	10-in-1, 11-in-1 and 10-Fold™	TT9 & TT10 Tamperproof Torx®	contains 2 bits	.010
32542	10-in-1, 11-in-1 and 10-Fold™	TT15 & TT20 Tamperproof Torx®	contains 2 bits	.010
32543	10-in-1, 11-in-1 and 10-Fold™	TT25 & TT27 Tamperproof Torx®	contains 2 bits	.010
32544	10-in-1, 11-in-1 and 10-Fold™	#6 Torx® & #7 Torx®	contains 2 bits	.008
32485	10-in-1, 11-in-1 and 10-Fold™	#10 Torx® & #15 Torx®	contains 2 bits	.008
32545	10-in-1, 11-in-1 and 10-Fold™	#T8 Torx® & #10 Torx®	contains 2 bits	.011
32546	10-in-1, 11-in-1 and 10-Fold™	#T25 Torx® & #T27 Torx®	contains 2 bits	.012
32547	10-in-1, 11-in-1 and 10-Fold™	3/32" Hex & 7/64" Hex	contains 2 bits	.008
32548	10-in-1, 11-in-1 and 10-Fold™	5/32" Hex & 3/16" Hex	contains 2 bits	.010
32549	10-in-1, 11-in-1 and 10-Fold™	1/16" Hex & 5/64" Hex	contains 2 bits	.011
32550	10-in-1, 11-in-1 and 10-Fold™	1/8" Hex & 9/64" Hex	contains 2 bits	.012
32551	10-in-1, 11-in-1 and 10-Fold™	.9 mm Hex & 1.3 mm Hex	contains 2 bits	.008
32552	10-in-1, 11-in-1 and 10-Fold™	1.5 mm Hex & 2 mm Hex	contains 2 bits	.010
32553	10-in-1, 11-in-1 and 10-Fold™	2.5 mm Hex & 3 mm Hex	contains 2 bits	.011
32554	10-in-1, 11-in-1 and 10-Fold™	4 mm Hex & 5 mm Hex	contains 2 bits	.012

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

All dimensions are in inches and (millimeters).

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT use to pry or chisel.



## Magnetic Screwdriver with 32-Piece Tamperproof Bit Set

- Cushion-Grip handle for superior torque and comfort.
- Sturdy bit and screw holding magnet allows for screws to fit securely in place for easy use.
- Includes complete tamperproof bit set in block.



Cat. No.	Set Contains	Weight (lbs.)
32510		.71

### Non-Ratcheting Magnetic Screwdriver w/ 32 Piece Tamperproof Bit Set

#### 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" square to 1/4" hex adapter to drive sockets



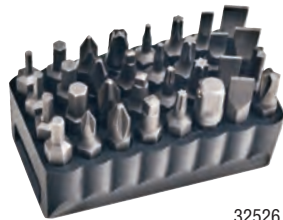
32510

TORX® is a registered trademark of Acument Intellectual Properties, LLC. TORQ-SET® and Tri-Wing® are registered trademarks of Phillips Screw Co.

## Magnetic Screwdriver Bit Sets

### 32-Piece Standard Tip Bit Set

- Durable PVC black block allows for easy storage of standard bits.
- Block slides over most screwdriver shafts for easy bit access and storage.
- Industrial strength, heat treated steel bits for long lasting use.



32526

Cat. No.	Set Contains	Weight (lbs.)
32526		.425

#### Bits Included

Hex – 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" and 3/16"  
 Phillips – #0, #1, #2 (Qty. 3), 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, 12-14 screw sizes  
 Clutch – 5/32" and 3/16"  
 1/4" square to 1/4" hex adapter to drive sockets

TORX® is a registered trademark of Acument Intellectual Properties, LLC. TORQ-SET® and Tri-Wing® are registered trademarks of Phillips Screw Co.

### 32-Piece Tamperproof Tip Bit Set

- Durable PVC gray block allows for easy storage of tamperproof bits.
- Block slides over most screwdriver shafts for easy bit access and storage.
- Industrial strength, heat-treated steel bits for long lasting use.



32525

Cat. No.	Set Contains	Weight (lbs.)
32525		.425

#### 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" square to 1/4" hex adapter to drive sockets

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Do NOT use to pry or chisel.





# Grip-It® Screwdrivers

## Features:

Handle size and shape provide greater contact area with hand for maximum turning power and a more comfortable grip.

Patented, oil-resistant, anti-slip, plastic flock on handle helps prevent slippage.

Special high-alloy steel for exceptionally strong blade and long life.

Triangular-shaped handle for more turning power.

Rounded end virtually eliminates pressure points in the palm of the hand.



## 5-Piece Grip-It® Screwdriver Set

Additional Features:

- General-purpose selection of the most frequently used Grip-It® screwdrivers.
- Includes one cabinet-tip, two Phillips-tip and two keystone-tip screwdrivers.

Cat. No.	Set Contains				Weight (lbs.)
85090					1.20
	Cat. No.	Shank Tip Width	Point Size	Shank Length	Overall Length
	19405	7/32" (5.5 mm)		3-15/16" (100 mm)	7-11/16" (195 mm)
	19427	7/32" (5.5 mm)		3-15/16" (100 mm)	8-1/16" (205 mm)
	19428	5/16" (8 mm)		5-7/8" (150 mm)	10-13/16" (275 mm)
	19445		No. 1	3-1/8" (80 mm)	6-7/8" (175 mm)
	19446		No. 2	3-15/16" (100 mm)	8-1/16" (205 mm)



## Grip-It® Keystone-Tip Screwdrivers – Hex-Shanks

Additional Feature:

- Hex-shaped bolster and shaft for wrench-assisted turning

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
19435	7/32" (5.5 mm)	3-15/16" (100 mm)	8-1/16" (205 mm)	.20
19436	5/16" (8 mm)	5-7/8" (150 mm)	10-13/16" (275 mm)	.35



## Grip-It® Keystone-Tip Screwdrivers – Round-Shanks

Additional Feature:

- Hex-shaped bolster for wrench-assisted turning.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
19427	7/32" (5.5 mm)	3-15/16" (100 mm)	8-1/16" (205 mm)	.15
19428	5/16" (8 mm)	5-7/8" (150 mm)	10-13/16" (275 mm)	.30



All dimensions are in inches and (millimeters).

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**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use to pry or chisel.



## Grip-It® Cabinet-Tip Screwdrivers – Round-Shanks

Additional Feature:

- Narrow cabinet-tip permits blade access where space is limited.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
19405	7/32" (5.5 mm)	3-15/16" (100 mm)	7-11/16" (195 mm)	.15
19406	7/32" (5.5 mm)	5-7/8" (150 mm)	9-5/8" (245 mm)	.15



19405

## Grip-It® Profilated Phillips-Tip Screwdrivers – Round-Shanks

Additional Features:

- Tips are precision machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.
- Provides accurate fit and torque without slippage.

Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
19445	No. 1	3-1/8" (80 mm)	6-7/8" (175 mm)	.10
19446	No. 2	3-15/16" (100 mm)	8-1/16" (205 mm)	.15



19446

## Plastic-Handle Screwdriver Set

### Features:

Meets or exceeds applicable ASME / ANSI 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 (lbs.)
85276		1.10
Cat. No.	Description	Shank Length
BD111	No. 1 Phillips-tip	3" (76 mm)
BD122	No. 2 Phillips-tip	4" (102 mm)
BD284	1/4" square-shank, keystone-tip	4" (102 mm)
BD306	5/16" square-shank, keystone-tip	6" (152 mm)
A216-3	1/8" round-shank, cabinet-tip	3" (76 mm)
A216-4	1/8" round-shank, cabinet-tip	4" (102 mm)
A216-6	1/8" round-shank, cabinet-tip	6" (152 mm)



85276

All dimensions are in inches and (millimeters).

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**WARNING:** Do NOT use to pry or chisel.



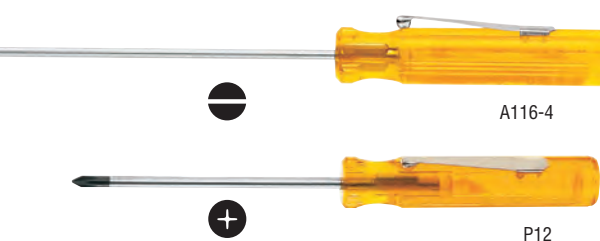
# Plastic-Handle Screwdrivers

## Pocket-Clip Screwdrivers

Additional Features:

- Round-shank screwdrivers ranging from 3-1/4" (82 mm) to 6-7/16" (164 mm) long.
- Convenient pocket clip.
- Cat. No. A010 has keystone-tip, Cat. No. P12 has Phillips-tip, and all others have cabinet tip.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
<b>Keystone-Tip, and Cabinet-Tip Screwdrivers</b>				
A010	3/32" (2.4 mm)	1-3/8" (35 mm)	3-1/4" (82 mm)	.03
A130-2	1/8" (3.2 mm)	2" (51 mm)	3-7/8" (98 mm)	.05
A130-3	1/8" (3.2 mm)	3" (76 mm)	4-7/8" (124 mm)	.04
A116-2	3/32" (2.4 mm)	2" (51 mm)	4-7/16" (113 mm)	.05
A116-3	3/32" (2.4 mm)	3" (76 mm)	5-7/16" (138 mm)	.03
A116-4	3/32" (2.4 mm)	4" (102 mm)	6-7/16" (164 mm)	.03
A131-2	1/8" (3.2 mm)	2" (51 mm)	4-7/16" (113 mm)	.05



Cat. No.	Point Size	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
<b>Phillips-Tip, Pocket-Clip Round-Shank Screwdriver</b>					
P12	No. 0	1/8" (3.2 mm)	2 1/2" (63 mm)	5" (124 mm)	.05

## Midget Screwdriver

Additional Features:

- Specially designed for delicate instrument work.
- Keystone-tip screwdriver.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
A000	3/32" (2 mm)	1-1/2" (38 mm)	2-7/8" (73 mm)	.02



## Keystone-Tip Screwdrivers – Square-Shanks

Additional Features:

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

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
BD284	1/4" (6.3 mm)	4" (102 mm)	8-1/2" (216 mm)	.25
BD286	1/4" (6.3 mm)	6" (152 mm)	10-1/2" (267 mm)	.30
BD306	5/16" (7.9 mm)	6" (152 mm)	11-3/16" (284 mm)	.35
BD308	5/16" (7.9 mm)	8" (203 mm)	13-3/16" (335 mm)	.40



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
BD310	5/16" (7.9 mm)	10" (254 mm)	15-3/16" (385 mm)	.50
BD410	3/8" (9.5 mm)	10" (254 mm)	15-3/16" (385 mm)	.60
BD412	3/8" (9.5 mm)	12" (305 mm)	17-3/16" (437 mm)	.75
C718	3/8" (9.5 mm)	18" (457 mm)	23-5/16" (592 mm)	.95

## Keystone-Tip Screwdrivers – Round-Shanks

Additional Features:

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

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
BD143	7/32" (5.6 mm)	3" (76 mm)	7-1/2" (190 mm)	.20
BD144	1/4" (6.3 mm)	4" (102 mm)	8-1/2" (216 mm)	.25
BD146	1/4" (6.3 mm)	6" (152 mm)	10-1/2" (267 mm)	.25
BD156	5/16" (7.9 mm)	6" (152 mm)	11-3/16" (284 mm)	.35



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
BD158	5/16" (7.9 mm)	8" (203 mm)	13-3/16" (335 mm)	.40
BD408	3/8" (9.5 mm)	8" (203 mm)	13-3/16" (335 mm)	.50
BD510	3/8" (9.5 mm)	10" (254 mm)	15-3/16" (386 mm)	.55
70155	1/4" (6.3 mm)	20" (508 mm)	24-1/2" (622 mm)	.45

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Do NOT use to pry or chisel.



## Plastic-Handle Screwdrivers

### Cabinet-Tip Screwdrivers – Round-Shanks

Additional Features:

- Small-diameter shank for use in recessed holes or tight places.
- Well-suited for electrical and telecommunications work.



A216-6

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
A230-2	1/8" (3.2 mm)	2" (51 mm)	5" (127 mm)	.05
A216-2	1/8" (3.2 mm)	2" (51 mm)	5" (127 mm)	.05
A216-3	1/8" (3.2 mm)	3" (76 mm)	6" (152 mm)	.05
A216-4	1/8" (3.2 mm)	4" (102 mm)	7" (178 mm)	.05
A216-6	1/8" (3.2 mm)	6" (152 mm)	9" (228 mm)	.05
A216-8	1/8" (3.2 mm)	8" (203 mm)	11" (279 mm)	.05

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
A216-10	1/8" (3.2 mm)	10" (254 mm)	13" (330 mm)	.05
A316-3	3/16" (4.8 mm)	3" (76 mm)	6-5/8" (168 mm)	.10
A316-4	3/16" (4.8 mm)	4" (102 mm)	7-5/8" (194 mm)	.10
A316-6	3/16" (4.8 mm)	6" (152 mm)	9-5/8" (244 mm)	.10
A316-8	3/16" (4.8 mm)	8" (203 mm)	11-5/8" (295 mm)	.15
A316-10	3/16" (4.8 mm)	10" (254 mm)	13-5/8" (346 mm)	.20

### Profilated Phillips-Tip Screwdrivers – Round-Shanks

Additional Features:

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



BD122

Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
BD111	No. 1	3" (76 mm)	6-5/8" (168 mm)	.10
BD122	No. 2	4" (102 mm)	8-1/2" (216 mm)	.20
BD133	No. 3	6" (152 mm)	11-3/16" (284 mm)	.35
P18	No. 1	8" (203 mm)	11-1/2" (292 mm)	.15

Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
P28	No. 2	8" (203 mm)	11-5/8" (295 mm)	.20
P212	No. 2	12" (305 mm)	15-5/8" (397 mm)	.25
P202	No. 2	20" (508 mm)	24-1/2" (622 mm)	.55

## Specialty Plastic-Handle Screwdrivers

### Ratcheting Screwdriver Set

- Slotted and Phillips-tip set.
- Contains a unique 3-position ratcheting screwdriver plus an assortment of blade types and/or sizes.
- Comfortable handle with an easy-to-open snap top.
- Interchangeable bits store inside the handle for quick access.



32473

Cat. No.	Bits Included	Shank Length with Bits	Overall Length	Weight (lbs.)
32473	3/16" and 9/32" slotted plus No. 1 and No. 2 Phillips	4-1/4" (108 mm)	8-3/4" (222 mm)	.40

### Magnetic Screwdriver Set

- Each screwdriver has a 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.	Bits Included	Shank Length with Bits	Overall Length	Weight (lbs.)
70035	3/16" and 9/32" slotted and No. 1 and No. 2 Phillips	3-3/4" (95 mm)	7-1/4" (184 mm)	.25

All dimensions are in inches and (millimeters).

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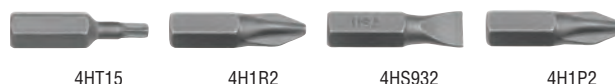


# Specialty Plastic-Handle Screwdrivers

## Screwdriver Replacement Bits

- These precision-milled bits are 1" in length and are 1/4" hex.
- Fits replaceable-bit screwdrivers and other sockets that accept 1/4" hex bits.

Cat. No.	Bit Type	Tip Size	Weight (lbs.)
4HS316	slotted	3/16"	.02
4HS932	slotted	9/32"	.02
4H1P1	Phillips	No. 1	.02
4H1P2	Phillips	No. 2	.02
4H1R1	square recess	No. 1	.01
4H1R2	square recess	No. 2	.01
4H1R3	square recess	No. 3	.01
4HT15	TORX®	T15	.02
4HT20	TORX®	T20	.01
4HT25	TORX®	T25	.02
4HT27	TORX®	T27	.02
4HT30	TORX®	T30	.02



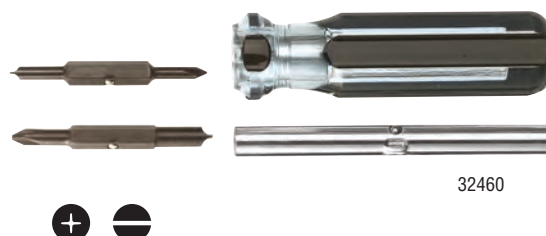
Cat. No.	Weight (lbs.)
<b>Bit Sets</b>	<b>Bit Selection</b>
70036	3/16", 9/32" slotted plus No. 1 and No. 2 Phillips tips
70283	No. 1, No. 2, No. 3 square-recess tips
70432	T15, T20, T25, T27, T30 TORX® tips

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

## 4-in-1 Screwdriver

- Versatile screwdriver with interchangeable, snap-in blades.
- Tool supplied with four different tips on two reversible blades.

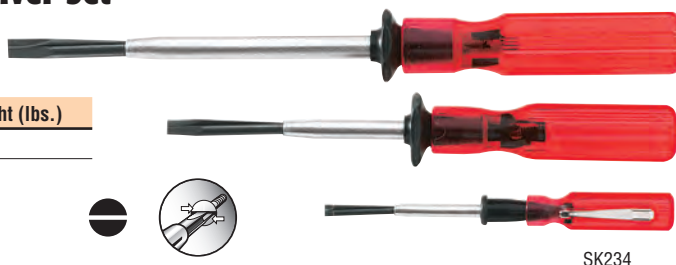
Cat. No.	Description	Overall Length	Weight (lbs.)
32460	screwdriver with two dual-tipped blades	7-5/8" (194 mm)	.370
32478	#1 Phillips & 3/16" slotted	-	.036
32479	#2 Phillips & 9/32" slotted	-	.044



## 3-Piece Slotted Screw-Holding Screwdriver Set

- Not designed for torquing or tightening.

Cat. No.	Set Contains	Weight (lbs.)
SK234		.40
<b>Cat. No.</b>	<b>Shank Size</b>	
K23	3/16" x 3" (5 mm x 76 mm)	
K34	1/4" x 4" (6.3 mm x 102 mm)	
K46	5/16" x 6" (8 mm x 152 mm)	



## Slotted Screw-Holding Screwdrivers

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

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
K21†	1/16" (1.6 mm)	3" (76 mm)	5-1/4" (133 mm)	.05
K23	3/16" (5 mm)	3" (76 mm)	5-1/4" (133 mm)	.05
K28	3/16" (5 mm)	8" (203 mm)	10-1/4" (260 mm)	.10
K34‡	1/4" (6.3 mm)	4" (102 mm)	7-3/4" (197 mm)	.10
K36‡	1/4" (6.3 mm)	6" (152 mm)	9-3/4" (247 mm)	.15



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
K38‡	1/4" (6.3 mm)	8" (203 mm)	11-3/4" (298 mm)	.20
K44	5/16" (8 mm)	4" (102 mm)	8-1/4" (209 mm)	.25
K46	5/16" (8 mm)	6" (152 mm)	10-1/4" (260 mm)	.25
K48	5/16" (8 mm)	8" (203 mm)	12-1/4" (311 mm)	.30

† Precision blade for use with small precision screws. Blade thickness of .028" expanding to .045".

‡ Blade thickness of .043" expanding to .085".

Note: K21 and K23 have pocket clips.

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

**WARNING:** Do NOT use to pry or chisel.



# Screw-Holding Screwdrivers

## Phillips-Tip Screw-Holding Screwdrivers

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

Cat. No.	Overall Length	Weight (lbs.)
K14	5" (127 mm) pocket clip	.05
K16	7" (178 mm)	.05
K19	9" (229 mm)	.05

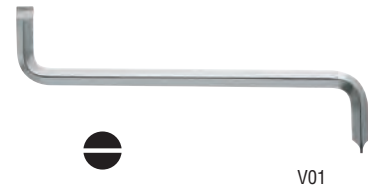


## Offset Screwdrivers

### Slotted-Tip Offset Screwdrivers

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

Cat. No.	For Screw Nos.	Overall Length	Tip Width	Weight (lbs.)
V01	2 to 6	3" (76 mm)	3/16" (5 mm)	.01
V02	6 to 10	4-1/4" (108 mm)	1/4" (6.3 mm)	.05
V03	8 to 12	5" (127 mm)	5/16" (8 mm)	.11
V04	12 to 16	6" (152 mm)	3/8" (9.5 mm)	.25



### Phillips-Tip Offset Screwdrivers

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

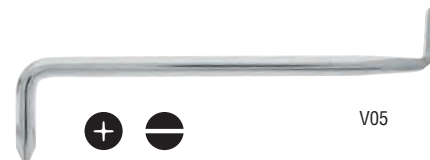
Cat. No.	Point Nos.	Overall Length	Weight (lbs.)
P120	No. 1 and No. 2	4-3/4" (121 mm)	.05
P340	No. 3 and No. 4	6" (152 mm)	.20



### Combination-Tip Offset Screwdriver

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

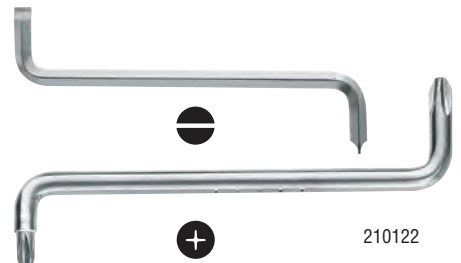
Cat. No.	For Screw Nos.	Overall Length	Tip Width	Weight (lbs.)
V05	1/4" slotted No. 2 Phillips	5" (127 mm)	1/4" (6.3 mm)	.05



### 2-Piece Offset Screwdriver Set

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

Cat. No.	Set Contains	Weight (lbs.)
210122	P120 (No. 1 and No. 2 Phillips-tip) and V02 (1/4" to 5/16" slotted tip)	.10



All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Do NOT use to pry or chisel.



## Specialty Driver Set

### 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.



Cat. No.	Description	Weight (lbs.)
70220	pouched impact-driver set with 3/8"-square-drive fitting adapter for 5/16" hex bits, 4 assorted hex screwdriver bits (5/16" and 1/2" regular slotted tip, No. 2 and No. 4 Phillips-tip)	2.15
<b>Replacement Screwdriver Bits</b>		
70229	replacement set of 5/16"-drive screwdriver bits (5/16" and 1/2" regular slotted tip, No. 2 and No. 4 Phillips-tip) packed in reclosable, seal-tight vinyl pouch	.25

## Torque Screwdrivers

### Torque-Screwdriver Set

- Compact, easy to use set.
- Form-fitted storage box to keep set organized.

Cat. No.	Contains	Weight (lbs.)
57034	torque screwdriver Cat. No. 57035, 8-piece bit set Cat. No. 57036, rugged form-fitted storage box	1.0



### Torque Screwdriver

- Adjustable, torque-limiting screwdriver with calibrated micrometer scale.
- Torqued to micrometer accuracy. Accurate to  $\pm 6^\circ$  plus 1/2 graduation.
- Graduated in 2 in.-lbs. (.2 NM) increments.
- Torques either clockwise or counter-clockwise.
- Can be preset and sealed for production use.
- Meets MIL-H26497 specifications.
- Easy-release bit holder. Bits are held securely during operation, yet are easily removed when released.
- Aluminum outside construction for light weight and non-magnetic characteristics.
- Non-slip grip.
- Bits not included.



Cat. No.	Range	Drive Size	Overall Length	Weight (lbs.)
57035	2-36 in.-lb.	1/4" female	8" (203 mm)	.50

### 8-Piece Torque-Screwdriver Bits Set

- Set of eight bits for Cat. No. 57035 torque screwdriver.



Cat. No.	Contains	Weight (lbs.)
57036	Phillips No. 1 and No. 2; slotted No. 4 (3/16" x .034"), No. 5 (7/32" x .036"), No. 6 (1/4" x .038"), No. 10 (5/16" x .046"), No. 12 (3/8" x .050"); 1/4" hex-to-square male adapter	.50

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Do NOT use to pry or chisel.

# Cushion-Grip Nut Driver Sets

## Features:



**Patented Tip-Ident®**  
quickly identifies nut  
driver and size.

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



**Full hollow shafts** facilitate work  
on stacked circuit boards or other  
long bolt applications.

**Premium chrome-plated  
shaft** for smooth feel and  
corrosion resistance.

Handle end is also color  
coded for easy identification.

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

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



## 7-Piece Cushion-Grip Nut Driver Set – 3" Shafts

- Set contains 630-3/16, 630-1/4, 630-5/16, 630-11/32, 630-3/8, 630-7/16, and 630-1/2. (See individual tool listings for more details.)

Cat. No.	Weight (lbs.)
631	1.50



## 7-Piece Hollow-Shaft\* Magnetic Tip Cushion-Grip Nut Driver Set – 3" Shafts

- Full hollow shaft for long bolts or studs, with magnetic tip.
- Set contains 630-3/16M, 630-1/4M, 630-5/16M, 630-11/32M, 630-3/8M, 630-7/16M, and 630-1/2M. (See individual tool listings for more details.)

Cat. No.	Weight (lbs.)
631M	1.50

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



631M

## 7-Piece Cushion-Grip Nut Driver Set – 6" Shafts

- Set contains 646-3/16, 646-1/4, 646-5/16, 646-11/32, 646-3/8, 646-7/16, and 646-1/2. (See individual tool listings for more details.)

Cat. No.	Weight (lbs.)
647	1.55

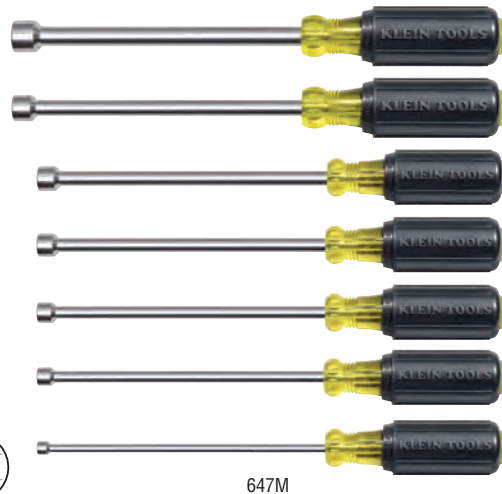


## 7-Piece Hollow-Shaft\* Magnetic Tip Cushion-Grip Nut Driver Set – 6" Shafts

- Full hollow shaft for long bolts or studs, with magnetic tip.
- Set contains 646-3/16M, 646-1/4M, 646-5/16M, 646-11/32M, 646-3/8M, 646-7/16M, 646-1/2M. (See individual tool listings for more details.)

Cat. No.	Weight (lbs.)
647M	1.55

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



647M

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.






## Cushion-Grip Nut Driver Sets

## 4-Piece Cushion-Grip Nut Driver Set

Additional Features:

- Set contains: 630-1/4, 630-5/16, 630-3/8, 630-9/16.  
(See individual tool listings for more details.)

NEW!

Cat. No.	Set Contains					Weight (lbs.)
633						1.30
Cat. No.	Color Code	Hex Size Metric	Shaft Length	Overall Length		
630-1/4	red	1/4"	3" (76 mm)	6-3/4" (171 mm)		
630-5/16	yellow	5/16"	3" (76 mm)	6-3/4" (171 mm)		
630-3/8	blue	3/8"	3" (76 mm)	6-3/4" (171 mm)		
630-9/16	orange	9/16"	4" (102 mm)	9-3/8" (238 mm)		



633

## 2-Piece Cushion-Grip Stubby Nut Driver Set – 1-1/2" Shafts

- Stubby nut drivers allow for work in close quarters.
- Set contains: 610-1/4, 610-5/16.  
(See individual tool listings for more details.)



610

Cat. No.	Weight (lbs.)
610	.20

## 2-Piece Hollow-Shaft Magnetic Tip Cushion-Grip Stubby Nut Driver Set – 1-1/2" Shafts

Additional Features:

- Full hollow shaft for long bolts or studs, with magnetic tip.
- Stubby nut drivers allow for work in close quarters.
- Set contains: 610-1/4M, 610-5/16M.  
(See individual tool listings for more details.)



Cat. No.	Weight (lbs.)
610M	.20

## 2-Piece Magnetic Tip Cushion-Grip Nut Driver Sets

Additional Features:

- General-purpose selection of the most frequently used nut drivers.  
(See individual tool listings for more details.)

Cat. No.	Set Contains	Weight (lbs.)
630M	630-1/4M, 630-5/16M	.40
646M	646-1/4M, 646-5/16M	.50




630M

## 7-Piece Metric Cushion-Grip Nut Driver Set – 3" Shafts

Additional Features:

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

Cat. No.	Set Contains					Weight (lbs.)
65160						1.50
Cat. No.	Color Code	Hex Size Metric	Shaft Length	Overall Length		
630-5mm	black	5 mm	3" (76 mm)	6-3/4" (171 mm)		
630-5.5mm	brown	5.5 mm	3" (76 mm)	6-3/4" (171 mm)		
630-6mm	red	6 mm	3" (76 mm)	6-3/4" (171 mm)		
630-7mm	orange	7 mm	3" (76 mm)	6-3/4" (171 mm)		
630-8mm	yellow	8 mm	3" (76 mm)	6-3/4" (171 mm)		
630-9mm	green	9 mm	3" (76 mm)	6-3/4" (171 mm)		
630-10mm	blue	10 mm	3" (76 mm)	6-3/4" (171 mm)		



65160

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

## Cushion-Grip Stubby Nut Drivers – 1-1/2" Shafts

Additional Features:

- Full hollow shaft for long bolts or studs.
- Stubby nut drivers allow for work in close quarters.
- Meets or exceeds applicable ASME / ANSI specifications.



610-5/16

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
610-1/4	red	1/4"	1-1/2" (38 mm)	3-1/2" (89 mm)	.10
610-5/16	yellow	5/16"	1-1/2" (38 mm)	3-1/2" (89 mm)	.10

## Cushion-Grip Hollow-Shaft Nut Drivers – 3" Shafts



630-1/2

Additional Features:

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

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
630-3/16	black	3/16"	3" (76 mm)	6-3/4" (171 mm)	.20
630-1/4	red	1/4"	3" (76 mm)	6-3/4" (171 mm)	.20
630-5/16	yellow	5/16"	3" (76 mm)	6-3/4" (171 mm)	.20
630-11/32	green	11/32"	3" (76 mm)	6-3/4" (171 mm)	.20
630-3/8	blue	3/8"	3" (76 mm)	6-3/4" (171 mm)	.20
630-7/16	brown	7/16"	3" (76 mm)	7-5/16" (186 mm)	.25
630-1/2	red	1/2"	3" (76 mm)	7-5/16" (186 mm)	.25
630-9/16	orange	9/16"	4" (102 mm)	9-3/8" (238 mm)	.35
630-5/8	yellow	5/8"	4" (102 mm)	9-3/8" (238 mm)	.35

Refer to the insulated section for insulated nut drivers.

## Metric Cushion-Grip Hollow-Shaft Nut Drivers – 3" Shafts



630-11mm

Additional Features:

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

Cat. No.	Color Code	Hex Size Metric	Shaft Length	Overall Length	Weight (lbs.)
630-4mm	red	4 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-4.5mm	yellow	4.5 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-5mm	black	5 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-5.5mm	brown	5.5 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-6mm	red	6 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-7mm	orange	7 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-8mm	yellow	8 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-9mm	green	9 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-10mm	blue	10 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-11mm	brown	11 mm	3" (76 mm)	7-5/16" (186 mm)	.20

## Cushion-Grip Hollow-Shaft Nut Drivers – 6" Shafts

Additional Features:

- Reaches into deep recesses.
- Fits over extra-long bolts and studs.



646-1/2

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
646-3/16	black	3/16"	6" (152 mm)	9-3/4" (248 mm)	.25
646-1/4	red	1/4"	6" (152 mm)	9-3/4" (248 mm)	.25
646-5/16	yellow	5/16"	6" (152 mm)	9-3/4" (248 mm)	.25
646-11/32	green	11/32"	6" (152 mm)	9-3/4" (248 mm)	.25
646-3/8	blue	3/8"	6" (152 mm)	9-3/4" (248 mm)	.30

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
646-7/16	brown	7/16"	6" (152 mm)	10-5/16" (262 mm)	.35
646-1/2	red	1/2"	6" (152 mm)	10-5/16" (262 mm)	.35
646-9/16	orange	9/16"	6" (152 mm)	11-3/8" (289 mm)	.40
646-5/8	yellow	5/8"	6" (152 mm)	11-3/8" (289 mm)	.40

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.



# Cushion-Grip Nut Drivers

## Magnetic Tip Nut Drivers – Hollow Shafts\*

Additional Feature:

- 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 (lbs.)
610-1/4M	1/4"	red	1-1/2" (38 mm)	1-1/2" (89 mm)	.10
610-5/16M	5/16"	yellow	1-1/2" (38 mm)	1-1/2" (89 mm)	.10
610-3/8M	3/8"	blue	1-1/2" (38 mm)	1-1/2" (89 mm)	.10
630-3/16M*	3/16"	black	3" (76 mm)	6-3/4" (171 mm)	.20
630-1/4M	1/4"	red	3" (76 mm)	6-3/4" (171 mm)	.20
630-5/16M	5/16"	yellow	3" (76 mm)	6-3/4" (171 mm)	.20
630-11/32M	11/32"	green	3" (76 mm)	6-3/4" (171 mm)	.20
630-3/8M	3/8"	blue	3" (76 mm)	6-3/4" (171 mm)	.20
630-7/16M	7/16"	brown	3" (76 mm)	7-5/16" (186 mm)	.25
630-1/2M	1/2"	red	3" (76 mm)	7-5/16" (186 mm)	.25

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
646-3/16M*	3/16"	black	6" (152 mm)	9-3/4" (248 mm)	.25
646-1/4M	1/4"	red	6" (152 mm)	9-3/4" (248 mm)	.25
646-5/16M	5/16"	yellow	6" (152 mm)	9-3/4" (248 mm)	.25
646-11/32M	11/32"	green	6" (152 mm)	9-3/4" (248 mm)	.25
646-3/8M	3/8"	blue	6" (152 mm)	9-3/4" (248 mm)	.30
646-7/16M	7/16"	brown	6" (152 mm)	10-5/16" (262 mm)	.35
646-1/2M	1/2"	red	6" (152 mm)	10-5/16" (262 mm)	.35
618-1/4M	1/4"	red	18" (457 mm)	21-3/4" (552 mm)	.50
618-5/16M	5/16"	yellow	18" (457 mm)	21-3/4" (552 mm)	.50

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

## Drive-A-Matic Cushion-Grip Nut Driver



632

Additional Features:

- Automatically fits 15 different nut and screw sizes.
- Hex head adjusts to the proper size as you turn it.
- Will drive or loosen hex nuts from 1/4" (6.4 mm) to 7/16" (11.1 mm), hex-head screws from No. 6 to 1/4" (6.4 mm), and socket-head cap screws from No. 8 to 5/16" (7.9 mm).

Cat. No.	Overall Length	Weight (lbs.)
632	7" (178 mm) when open, 6-3/4" (171 mm) when closed	.35

## Coated Hollow-Shaft Nut Drivers



640-1/2

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.

Cat. No.	Color Code	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
640-3/16	black	3/16"	3" (76 mm)	6-3/4" (171 mm)	.25
640-1/4	red	1/4"	3" (76 mm)	6-3/4" (171 mm)	.25
640-5/16	yellow	5/16"	3" (76 mm)	6-3/4" (171 mm)	.25
640-3/8	blue	3/8"	3" (76 mm)	6-3/4" (171 mm)	.25
640-7/16	brown	7/16"	3" (76 mm)	7-5/16" (186 mm)	.30
640-1/2	red	1/2"	3" (76 mm)	7-5/16" (186 mm)	.25
640-9/16	orange	9/16"	4" (102 mm)	9-3/8" (238 mm)	.40
640-5/8	yellow	5/8"	4" (102 mm)	9-3/8" (238 mm)	.40

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



All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.



# Plastic-Handle, Hollow Shaft Nut Driver Sets

## Features:

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

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

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

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

**Hollow shafts** facilitate work on stacked circuit boards or other long bolt applications.

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



## 4-Piece Nut Driver Set – 3" Shafts

*Additional Feature:*

- *Standard length works for most applications.*

Cat. No.	Set Contains					Weight (lbs.)
70084						.60
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length		
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)		
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)		
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)		
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)		



## 5-Piece Nut Driver Set – 3" Shafts

*Additional Features:*

- *Standard length works for most applications.*
- *Comes in a hang-up box.*

Cat. No.	Set Contains					Weight (lbs.)
89969						.70
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length		
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)		
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)		
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)		
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)		
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)		



All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.





# Plastic-Handle, Hollow Shaft Nut Driver Sets

## 7-Piece Nut Driver Set – 3" Shafts

Additional Feature:

- Set contains seven hollow-shaft nut drivers in the most popular hex sizes.

Cat. No.	Set Contains					Weight (lbs.)
89004						1.10
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	
S14	brown	7/16"	3" (76 mm)	7" (178 mm)	
S16	red	1/2"	3" (76 mm)	7" (178 mm)	



89004

## 7-Piece Nut Driver Set – 3" Shafts

Additional Features:

- Set contains seven hollow-shaft nut drivers in the most popular hex sizes.
- Convenient vinyl pouch hangs up or rolls up.

Cat. No.	Set Contains					Weight (lbs.)
K7						1.15
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	
S14	brown	7/16"	3" (76 mm)	7" (178 mm)	
S16	red	1/2"	3" (76 mm)	7" (178 mm)	



K7

## 7-Piece Nut Driver Set With Metal Stand – 3" Shafts

Additional Features:

- Set contains seven hollow-shaft nut drivers in the most popular hex sizes.
- Stands freely or hangs on wall.

Cat. No.	Set Contains					Weight (lbs.)
S700						1.60
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	
S14	brown	7/16"	3" (76 mm)	7" (178 mm)	
S16	red	1/2"	3" (76 mm)	7" (178 mm)	



S700

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.



# Plastic-Handle, Hollow Shaft Nut Driver Sets

## 10-Piece Metric Nut Driver Set With Stand – 3" Shafts

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 (lbs.)
70200					1.85
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	
70204	black	4 mm	3" (76 mm)	6-5/8" (168 mm)	
70245	black	4.5 mm	3" (76 mm)	6-5/8" (168 mm)	
70205	black	5 mm	3" (76 mm)	6-5/8" (168 mm)	
70255	black	5.5 mm	3" (76 mm)	6-5/8" (168 mm)	
70206	black	6 mm	3" (76 mm)	6-5/8" (168 mm)	
70207	black	7 mm	3" (76 mm)	6-5/8" (168 mm)	
70208	black	8 mm	3" (76 mm)	6-5/8" (168 mm)	
70209	black	9 mm	3" (76 mm)	6-5/8" (168 mm)	
70210	black	10 mm	3" (76 mm)	7" (178 mm)	
70211	black	11 mm	3" (76 mm)	7" (178 mm)	



70200

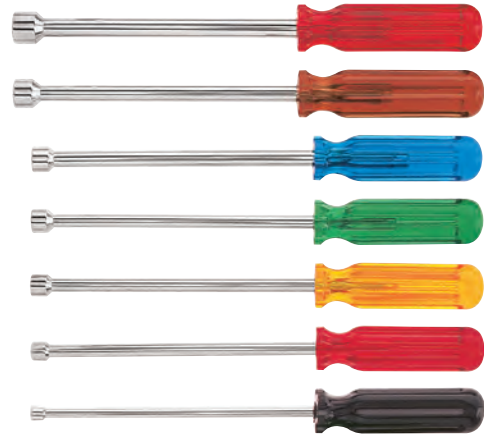


## 7-Piece Nut-Driver Set – 6" Shafts

Additional Feature:

- Contains seven 6"-shaft nut drivers that reach into deep recesses.

Cat. No.	Set Contains				Weight (lbs.)
89904					1.15
Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	
S66	black	3/16"	6" (152 mm)	9-5/8" (244 mm)	
S86	red	1/4"	6" (152 mm)	9-5/8" (244 mm)	
S106	amber	5/16"	6" (152 mm)	9-5/8" (244 mm)	
S116	green	11/32"	6" (152 mm)	9-5/8" (244 mm)	
S126	blue	3/8"	6" (152 mm)	9-5/8" (244 mm)	
S146	brown	7/16"	6" (152 mm)	10" (254 mm)	
S166	red	1/2"	6" (152 mm)	10" (254 mm)	



89904



# Plastic-Handle, Hollow Shaft Nut Drivers

## Stubby Nut Drivers – 1-1/2" Shafts

Additional Feature:

- Stubby nut drivers allow for work in close quarters.

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
SS8	red	1/4"	1-1/2" (38 mm)	3-3/4" (95 mm)	.15
SS10	amber	5/16"	1-1/2" (38 mm)	3-3/4" (95 mm)	.15
SS12	blue	3/8"	1-1/2" (38 mm)	3-3/4" (95 mm)	.15



SS12



All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

Screwdrivers, Nut Drivers  
& Accessories



# Plastic-Handle Nut Drivers

## Hollow-Shaft Nut Drivers – 3" & 4" Shafts



Additional Features:

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

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
S5	amber	5/32"	3" (76 mm)	6-1/2" (165 mm)	.10
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	.10
S7	brown	7/32"	3" (76 mm)	6-5/8" (168 mm)	.10
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	.15
S9	orange	9/32"	3" (76 mm)	6-5/8" (168 mm)	.15
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	.15
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	.15
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	.15
S14	brown	7/16"	3" (76 mm)	7" (178 mm)	.20
S16	red	1/2"	3" (76 mm)	7" (178 mm)	.20
S18	red	9/16"	4" (102 mm)	8-1/2" (216 mm)	.30
S20	red	5/8"	4" (102 mm)	8-1/2" (216 mm)	.30

## Metric Nut Drivers – 3" Shafts



Additional Features:

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

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
70204	black	4 mm	3" (76 mm)	6-5/8" (168 mm)	.10
70245	black	4.5 mm	3" (76 mm)	6-5/8" (168 mm)	.10
70205	black	5 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70255	black	5.5 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70206	black	6 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70207	black	7 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70208	black	8 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70209	black	9 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70210	black	10 mm	3" (76 mm)	7" (178 mm)	.15
70211	black	11 mm	3" (76 mm)	7" (178 mm)	.20

## Nut Drivers – 6" Shafts

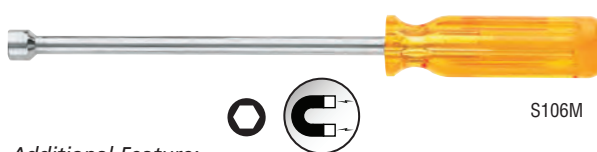


Additional Features:

- Reaches into deep recesses.
- Fits over extra-long bolts and studs.

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
S66	black	3/16"	6" (152 mm)	9-5/8" (244 mm)	.15
S86	red	1/4"	6" (152 mm)	9-5/8" (244 mm)	.15
S106	amber	5/16"	6" (152 mm)	9-5/8" (244 mm)	.15
S116	green	11/32"	6" (152 mm)	9-5/8" (244 mm)	.15
S126	blue	3/8"	6" (152 mm)	9-5/8" (244 mm)	.15
S146	brown	7/16"	6" (152 mm)	10" (254 mm)	.20

## Magnetic Nut Drivers – Solid Shafts



Additional Feature:

- Powerful nut-holding magnet built into solid shaft.

Cat. No.	Handle Color	Hex Size	Shaft Length	Overall Length	Weight (lbs.)
S8M	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	.15
S10M	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	.15
S86M	red	1/4"	6" (152 mm)	9-5/8" (244 mm)	.15
S106M	amber	5/16"	6" (152 mm)	9-5/8" (244 mm)	.15
S126M	blue	3/8"	6" (152 mm)	9-5/8" (244 mm)	.15
S818M	red	1/4"	18" (457 mm)	21-5/8" (549 mm)	.25
S1018M	amber	5/16"	18" (457 mm)	21-5/8" (549 mm)	.25

## Super-Long Nut Drivers – 18" Shafts



Additional Features:

- Heavy-duty, long-reach nut drivers.
- Ideal for reaching into walls and other hard-to-get-at places where added length is necessary.
- Available in magnetic and non-magnetic tip.

Cat. No.	Handle Color	Hex Size	Shaft Length	Type	Overall Length	Weight (lbs.)
S818	red	1/4" (6.3 mm)	18" (457 mm)	standard	21-5/8" (549 mm)	.25
S818M	red	1/4" (6.3 mm)	18" (457 mm)	magnetic	21-5/8" (549 mm)	.25
S1018	amber	5/16" (7.9 mm)	18" (457 mm)	standard	21-5/8" (549 mm)	.25
S1018M	amber	5/16" (7.9 mm)	18" (457 mm)	magnetic	21-5/8" (549 mm)	.25

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Will NOT protect against electrical shock.



## Cushion-Grip Triple Taps and Six-in-One 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.

Cat. No.	Tap Sizes	Overall Length	Weight (lbs.)
623-20	Triple Tap 10-24, 12-24, 1/4-20	7-3/4"	.25
623-24	Triple Tap 6-32, 8-32, 10-24	7-3/4"	.25
623-32	Triple Tap 6-32, 8-32, 10-32	7-3/4"	.25
626	6-in-1 Tap 6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	7-3/4"	.25



626

### Replacement Taps

628-20	10-24, 12-24, 1/4-20	replacement for 623-20, 626
626-24	6-32, 8-32, 10-24	replacement for 623-24
626-32	6-32, 8-32, 10-32	replacement for 623-32, 626

## Six-in-One Tapping Tools



627-20

- 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.

Cat. No.	Tap Sizes	Overall Length	Weight (lbs.)
627-20	6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	7-5/8" (194 mm)	0.35

### Replacement Taps

626-32	10-32, 8-32, 6-32
628-20	10-24, 12-24, 1/4-20

## Triple Taps



625-24

- 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.

Cat. No.	Tap Sizes	Color Code	Overall Length	Weight (lbs.)
625-24	6-32, 8-32, 10-24	blue	7-1/8" (181 mm)	0.20
625-32	6-32, 8-32, 10-32	orange	7-1/8" (181 mm)	0.20

### Replacement Taps

626-24	for Cat. No. 625-24
626-32	for Cat. No. 625-32

## Cushion-Grip Scratch Awl



650

- 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 for handle impact reinforcement.
- Internal flanges provide solid shank anchor.
- Cushion-Grip handle allows for greater comfort.

Cat. No.	Blade Length	Overall Length	Weight (lbs.)
650	3-1/2" (89 mm)	7-7/8" (200 mm)	.25

**⚠WARNING:** Do NOT hammer on tool.

## Steel Scratch Awl



66385

- 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.

Cat. No.	Blade Length	Overall Length	Weight (lbs.)
66385	3-1/2" (89 mm)	7" (178 mm)	.30

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.





## Spring Tools

### Cushion-Grip Spring Tool



ST4

- Installs or removes small-diameter coil springs on motors, brake shoes, headlights, relays, installing recessed can lighting, solenoids, and hundreds of other applications.
- Great for rod and leaf springs.
- Unique C-tip prevents spring slippage.
- Cushion-Grip handle for greater comfort.

Cat. No.	Shank Length	Overall Length	Weight (lbs.)
ST4	4" (102 mm)	7-3/4" (197mm)	.17
ST6	6" (152 mm)	9-3/4" (248 mm)	.19

### Spring Tool



ST49

- Installs or removes small-diameter coil springs on motors, brake shoes, headlights, relays, can lighting, solenoids, and hundreds of other applications.
- Great for rod and leaf springs.
- Unique C-tip prevents spring slippage.

Cat. No.	Overall Length	Weight (lbs.)
ST49	7-1/2" (191 mm)	.10

## Spring Tool Set

### 2-Piece Recessed Can Light Tool Set

- Contains the two tools needed for finishing can light installations in record time.
- Long reach, spring tool (Cat. No. ST6) makes attaching difficult springs easy.
- Compact, stubby nut driver (Cat. No. 610-1/4) even fits in smaller cans to tighten hard to reach ceiling height adjustment screws.
- Cushion-Grip handles for greater torque and comfort.



65020

Cat. No.	Set Contains	Weight (lbs.)
65020		.36

Cat. No.	Description	Shank Length	Overall Length
ST6	6" spring tool	6" (152 mm)	9-3/4" (248 mm)
610-1/4	1/4" stubby nut driver	1-1/2" (38 mm)	3-1/2" (89 mm)

All dimensions are in inches and (millimeters).

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT use to pry or chisel.



# 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.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Wrenches



# Adjustable Wrenches

## Features:

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

Available in high-capacity.



## Adjustable Wrenches – Extra 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.
- High-polish chrome finish.



D507-8

Cat. No.	Handle Finish	Length	Capacity	Weight (lbs.)
507-6	high-polish chrome	6-1/4" (158 mm)	15/16" (23 mm)	.25
507-8	high-polish chrome	8-1/4" (209 mm)	1-1/8" (28 mm)	.51
507-10	high-polish chrome	10-1/4" (260 mm)	1-5/16" (33 mm)	.86
507-12	high-polish chrome	12-1/4" (311 mm)	1-1/2" (38 mm)	1.32
D507-6	plastic-dipped	6-3/8" (162 mm)	15/16" (23 mm)	.27
D507-8	plastic-dipped	8-3/8" (213 mm)	1-1/8" (28 mm)	.62
D507-10	plastic-dipped	10-3/8" (264 mm)	1-5/16" (33 mm)	1.00
D507-12	plastic-dipped	12-3/8" (315 mm)	1-1/2" (38 mm)	1.54
HD507-6	heavy-duty, plastic-dipped	6-3/8" (162 mm)	15/16" (23 mm)	.27
HD507-8	heavy-duty, plastic-dipped	8-3/8" (213 mm)	1-1/8" (28 mm)	.54
HD507-10	heavy-duty, plastic-dipped	10-3/8" (264 mm)	1-5/16" (33 mm)	1.00
HD507-12	heavy-duty, plastic-dipped	12-3/8" (315 mm)	1-1/2" (38 mm)	1.54

## Adjustable Wrenches – Standard Capacity, Plastic-Dipped Handles

*Additional Features:*

- Plastic-dipped handles for added comfort.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High-polish chrome finish.



D506-15

Cat. No.	Handle Type	Handle Finish	Length	Capacity	Weight (lbs.)
D506-4	dovetail	plastic-dipped	4-1/2" (114 mm)	1/2" (12 mm)	.13
D506-6	dovetail	plastic-dipped	6-3/8" (162 mm)	3/4" (19 mm)	.27
D506-15	tapered	plastic-dipped	15-1/8" (384 mm)	1-11/16" (42 mm)	3.21
D500-18	tapered	plastic-dipped	18-3/8" (467 mm)	2-1/16" (52 mm)	5.02
D500-24	tapered	plastic-dipped	24-1/4" (616 mm)	2-1/2" (63 mm)	8.26
HD506-4	dovetail	heavy-duty, plastic-dipped	4-1/2" (114 mm)	1/2" (12 mm)	.13

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

**⚠WARNING:** Do NOT push or hammer wrench.

**⚠WARNING:** Do NOT extend handle length.



## Adjustable Wrenches – Standard Capacity

Additional Features:

- Forged heat-treated alloy steel for maximum strength and light weight.
- High-polish chrome finish.



506-15

Cat. No.	Handle Type	Handle Finish	Length	Capacity	Weight (lbs.)
506-4	dovetail	high-polish chrome	4-1/4" (108 mm)	1/2" (12 mm)	.11
506-15	tapered	high-polish chrome	15-7/8" (403 mm)	1-11/16" (42 mm)	2.92
500-18	tapered	high-polish chrome	18-1/4" (463 mm)	2-1/16" (52 mm)	4.67
500-24	tapered	high-polish chrome	24" (610 mm)	2-1/2" (63 mm)	7.76

## Adjustable Wrenches – Standard Capacity, Black Finish

Additional Features:

- Forged and heat-treated alloy steel for maximum strength and light weight.
- Industrial black finish for corrosion resistance.



D508-6

Cat. No.	Handle Finish	Length	Capacity	Weight (lbs.)
508-6	industrial black finish	6-1/4" (158 mm)	3/4" (19 mm)	.25
D508-6	plastic-dipped	6-3/8" (162 mm)	3/4" (19 mm)	.27
D508-10	plastic-dipped	10-3/8" (264 mm)	1-1/8" (28 mm)	1.00

## Adjustable-Head Construction Wrenches

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm).
- Eliminates the need to carry several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle.
- Industrial black finish for corrosion resistance.
- Handy lanyard hole (Cat. No. 3227).
- Fits nuts and bolts to 1-5/16" (33 mm) (Cat. No. 3227).



3239



**NEW!**

3227

Cat. No.	Max. Size Capacity	Length	Weight (lbs.)
3239	1-1/2" (38 mm)	16" (406 mm)	2.36
3227	1-5/16" (33 mm)	11" (279 mm)	1.20

All dimensions are in inches and (millimeters).

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Do NOT push or hammer wrench.

**▲WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

**▲WARNING:** Do NOT extend handle length.





# Combination Wrenches

## Features:

Corrosion resistant.

Forged from highest quality alloy steel.

Open-end and box wrenches have the same size opening on each end.

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

Durable chrome-plated finish.

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



## 7-Piece Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)		
68400		1.23		
	Cat. No.	Size	Length	Box End Point
	68410	1/4"	5-1/8"	12
	68411	5/16"	4-3/8"	12
	68412	3/8"	6-1/8"	12
	68413	7/16"	6-3/8"	12
	68414	1/2"	7-1/8"	12
	68415	9/16"	7-1/2"	12
	68416	5/8"	8-1/8"	12
	Includes pouch with marked pockets for each wrench			



68400

## 9-Piece Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)		
68402		2.07		
	Cat. No.	Size	Length	Box End Point
	68410	1/4"	5-1/8"	12
	68411	5/16"	4-3/8"	12
	68412	3/8"	6-1/8"	12
	68413	7/16"	6-3/8"	12
	68414	1/2"	7-1/8"	12
	68415	9/16"	7-1/2"	12
	68416	5/8"	8-1/8"	12
	68417	11/16"	9"	12
	68418	3/4"	9-1/8"	12
Includes pouch with marked pockets for each wrench				



68402

All dimensions are in inches.

**⚠ WARNING:** Do NOT push or hammer wrench.

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT extend handle length.



## 12-Piece Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)		
68404		4.13		
	Cat. No.	Size	Length	Box End Point
	68410	1/4"	5-1/8"	12
	68411	5/16"	4-3/8"	12
	68412	3/8"	6-1/8"	12
	68413	7/16"	6-3/8"	12
	68414	1/2"	7-1/8"	12
	68415	9/16"	7-1/2"	12
	68416	5/8"	8-1/8"	12
	68417	11/16"	9"	12
	68418	3/4"	9-1/8"	12
	68419	13/16"	10-9/16"	12
	68420	7/8"	11-1/2"	12
	68421	15/16"	12-1/2"	12
Includes pouch with marked pockets for each wrench				



68404

## 14-Piece Combination Wrench Set

Cat. No.	Set Contains				Weight (lbs.)
68406					9.75
Cat. No.	Size	Length	Box End Point
68412	3/8"	6-1/8"	12
68413	7/16"	6-3/8"	12
68414	1/2"	7-1/8"	12
68415	9/16"	7-1/2"	12
68416	5/8"	8-1/8"	12
68417	11/16"	9"	12
68418	3/4"	9-1/8"	12
68419	13/16"	10-9/16"	12
68420	7/8"	11-1/2"	12
68421	15/16"	12-1/2"	12
68422	1"	13-1/2"	12
68423	1-1/16"	14-5/8"	12
68424	1-1/8"	15-9/16"	12
68425	1-1/4"	16-7/8"	12
Includes pouch with marked pockets for each wrench			



68406

## Combination Wrenches

Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68410	1/4"	5-1/8"	12	.05
68411	5/16"	4-3/8"	12	.05
68412	3/8"	6-1/8"	12	.10
68413	7/16"	6-3/8"	12	.14
68414	1/2"	7-1/8"	12	.18
68415	9/16"	7-1/2"	12	.23
68416	5/8"	8-1/2"	12	.28
68417	11/16"	9"	12	.37
68418	3/4"	9-7/8"	12	.46

All dimensions are in inches.

**WARNING:** Always wear approved eye protection.



68417

Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68419	13/16"	10-5/8"	12	.53
68420	7/8"	11-1/2"	12	.67
68421	15/16"	12-1/2"	12	.79
68422	1"	13-1/4"	12	.93
68423	1-1/16"	14-1/4"	12	1.18
68424	1-1/8"	15-1/2"	12	1.52
68425	1-1/4"	16-3/4"	12	1.88

**WARNING:** Do NOT push or hammer wrench.

**WARNING:** Do NOT extend handle length.



# Combination Wrenches – Metric

## 7-Piece Combination Wrench Set – Metric

Cat. No.	Set Contains			Weight (lbs.)
68500				1.21
Cat. No.	Size	Box End Point	Length	
68507	7 mm	12	130 mm	
68509	9 mm	12	155 mm	
68510	10 mm	12	165 mm	
68511	11 mm	12	165 mm	
68513	13 mm	12	181 mm	
68514	14 mm	12	191 mm	
68515	15 mm	12	191 mm	
Includes pouch with marked pockets for each wrench				



68500

## 11-Piece Combination Wrench Set – Metric

Cat. No.	Set Contains			Weight (lbs.)
68502				2.35
Cat. No.	Size	Box End Point	Length	
68507	7 mm	12	130 mm	
68508	8 mm	12	137 mm	
68509	9 mm	12	155 mm	
68510	10 mm	12	165 mm	
68511	11 mm	12	165 mm	
68512	12 mm	12	181 mm	
68513	13 mm	12	181 mm	
68514	14 mm	12	191 mm	
68515	15 mm	12	191 mm	
68517	17 mm	12	229 mm	
68519	19 mm	12	248 mm	
Includes pouch with marked pockets for each wrench				



68502

## Combination Wrenches – Metric

Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68507	7 mm	130 mm	12	.05
68508	8 mm	137 mm	12	.08
68509	9 mm	155 mm	12	.10
68510	10 mm	165 mm	12	.13
68511	11 mm	165 mm	12	.13
68512	12 mm	181 mm	12	.18



68512

Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68513	13 mm	181 mm	12	.16
68514	14 mm	191 mm	12	.22
68515	15 mm	191 mm	12	.22
68517	17 mm	229 mm	12	.39
68519	19 mm	248 mm	12	.42



# Open-End Wrenches

## Features:

Corrosion resistant.

Forged from 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

Cat. No.	Set Contains	Weight (lbs.)		
68450		1.08		
	Cat. No.	Small Size	Large Size	Length
	68460	1/4"	5/16"	4-3/4"
	68461	3/8"	7/16"	6"
	68462	1/2"	9/16"	7"
	68463	9/16"	5/8"	7-1/2"
	68464	11/16"	3/4"	9"
Includes pouch with marked pockets for each wrench				



68450

## 7-Piece Open-End Wrench Set

Cat. No.	Set Contains	Weight (lbs.)	
68452		2.46	
Cat. No.	Small Size	Large Size	Length
68460	1/4"	5/16"	4-3/4"
68461	3/8"	7/16"	6"
68462	1/2"	9/16"	7"
68463	9/16"	5/8"	7-1/2"
68464	11/16"	3/4"	9"
68465	13/16"	7/8"	10"
68466	15/16"	1"	11"
Includes pouch with marked pockets for each wrench			



68452

## Open-End Wrenches

Cat. No.	Small Size	Large Size	Length	Weight (lbs.)
68460	1/4"	5/16"	4-3/4"	.04
68461	3/8"	7/16"	6"	.10
68462	1/2"	9/16"	7"	.17
68463	9/16"	5/8"	7-1/2"	.20
68464	11/16"	3/4"	9"	.36
68465	13/16"	7/8"	10"	.55
68466	15/16"	1"	11"	.80



68463

All dimensions are in inches or millimeters.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT push or hammer wrench.

**⚠WARNING:** Do NOT extend handle length.

Wrenches





## Socket Wrench Sets

### 8-Piece 1/2-Inch 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 (lbs.)
65514	complete 8-piece 1/2" drive, deep-socket set plus metal box	4.53

### 16-Piece 1/2-Inch 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 (lbs.)
65512	complete 16-piece 1/2" drive set plus metal box	9.63

### 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 (lbs.)
65510	complete 12-piece 1/2" drive set plus metal box	5.37

### 8-Piece 3/8-Inch 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 (lbs.)
65502	8-piece deep-socket 3/8" drive set plus metal box	2.66

## 9-Piece 3/8-Inch Drive "D" Socket Wrench Set

Special tool selection for telephone work on cable enclosures and pole hardware.

Set consists of the following pieces:

- Four 6-point deep sockets: 3/8", 7/16", 1/2", and 9/16".
- One 3/8"-drive reversible ratchet: 7-7/8" long.
- Two extensions: 3" and 5" long.
- One 9/16" combination wrench: 6-5/8" long.
- One 3/16" hex nut driver.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65503	complete 9-piece "D" wrench kit plus metal box	3.60

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

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 (lbs.)
65504	complete 12-piece 3/8" drive set plus metal box	3.62

## 13-Piece 3/8-Inch Drive Socket Set – Metric

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 (lbs.)
65506	13 sockets plus flip-lock tray	1.33

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

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 (lbs.)
65508	complete 20-piece 3/8" drive set plus metal box	5.40



# Socket Wrench Sets

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

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 (lbs.)
65500	complete 13-piece 1/4" drive set plus metal box	2.07



65500

## Socket Wrenches

### 1/4-Inch Drive – Standard 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65600	3/16"	.02
65601	7/32"	.02
65602	1/4"	.02
65603	9/32"	.02
65604	5/16"	.02
65605	11/32"	.03
65606	3/8"	.04
65607	7/16"	.04
65608	1/2"	.05



65604

### 1/4-Inch Drive – Deep 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65610	1/4"	.06
65611	9/32"	.06
65612	5/16"	.05
65613	11/32"	.07
65614	3/8"	.08
65615	7/16"	.09
65616	1/2"	.11



65615

### 1/4-Inch Drivers and Extensions

Cat. No.	Description	Weight (lbs.)
65620	4-3/4" ratchet	.32
65621	spinner handle	.19
65622	2" extension	.05
65623	6" extension	.14



65620



65622



65623



65621

### 3/8-Inch Drive – Standard 12-Point Sockets

Cat. No.	Size	Weight (lbs.)
65704	5/8"	.08
65705	11/16"	.11
65706	3/4"	.12
65707	13/16"	.15
65708	7/8"	.19



65706

### 3/8-Inch Drive – Standard 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65700	3/8"	.05
65701	7/16"	.05
65702	1/2"	.06
65703	9/16"	.06



65702

## 3/8-Inch Drive – Metric 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65907	7 mm	.04
65908	8 mm	.04
65909	9 mm	.05
65910	10 mm	.05
65911	11 mm	.05
65912	12 mm	.06
65913	13 mm	.07
65914	14 mm	.08
65915	15 mm	.10
65916	16 mm	.09
65917	17 mm	.10
65918	18 mm	.11
65919	19 mm	.14



## 3/8-Inch Drive – Deep 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65710	3/8"	.09
65711	7/16"	.10
65712	1/2"	.13
65713	9/16"	.15
65714	5/8"	.22
65715	11/16"	.27
65716	3/4"	.28
65717	13/16"	.34



## 3/8-Inch Drivers and Extensions

Cat. No.	Description	Weight (lbs.)
65720	7-1/2" ratchet	.73
65721	1-1/2" extension	.09
65722	3" extension	.15
65723	6" extension	.30
65724	5/8" spark plug socket	.21



## 1/2-Inch Drive – Standard 12-Point Sockets

Cat. No.	Size	Weight (lbs.)
65800	7/16"	.12
65801	1/2"	.12
65802	9/16"	.12
65803	5/8"	.12
65804	11/16"	.16
65805	3/4"	.18
65806	13/16"	.19
65807	7/8"	.21
65808	15/16"	.27
65809	1"	.31
65810	1-1/16"	.36
65811	1-1/8"	.41
65812	1-1/4"	.55



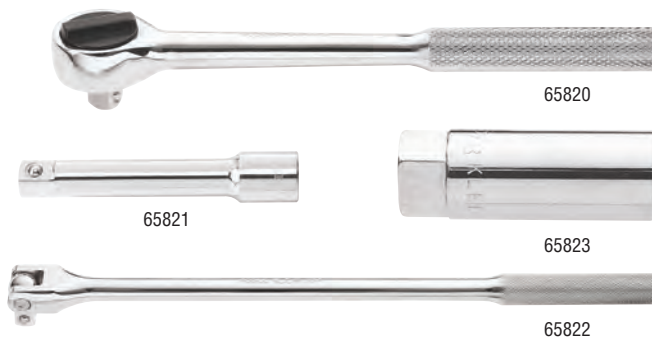
## 1/2-Inch Drive – Deep 12-Point Sockets

Cat. No.	Size	Weight (lbs.)
65825	1/2"	.30
65826	9/16"	.31
65827	5/8"	.24
65828	11/16"	.32
65829	3/4"	.36
65830	13/16"	.41
65831	7/8"	.41
65832	15/16"	.55



## 1/2-Inch Drivers and Extensions

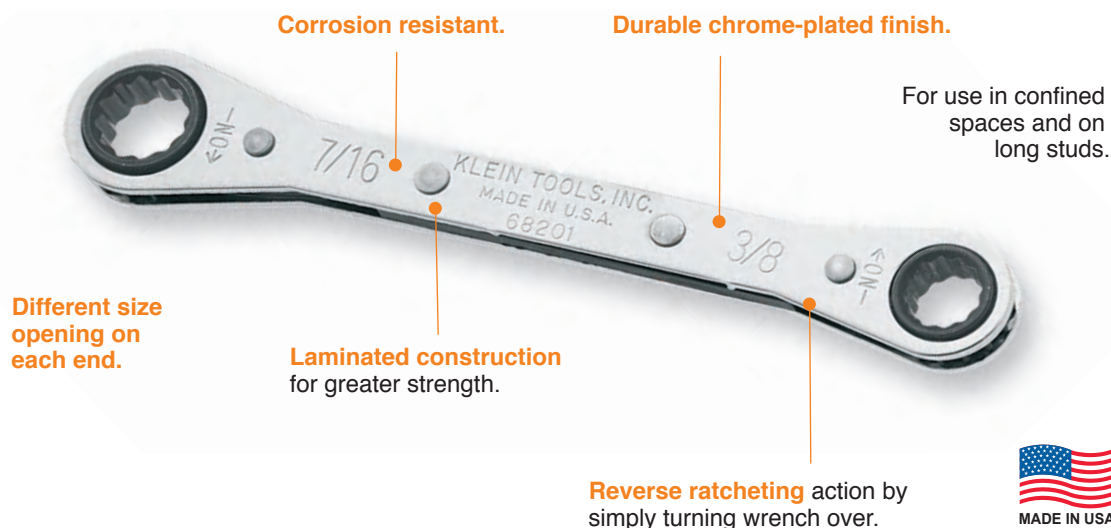
Cat. No.	Description	Weight (lbs.)
65820	10-1/2" ratchet	1.30
65821	5" extension	.45
65822	17" flex handle	1.83
65823	5/8" spark plug socket	.18





# Ratcheting Box Wrenches

## Features:



## 5-Piece Ratcheting Box Wrench Set

### Additional Features:

- Five ratcheting box wrenches packed in a vinyl 8-1/2"W x 10"H (216 mm x 254 mm) roll-up pouch with individual pockets.
- Wrenches flip over to reverse ratchet.

Cat. No.	Set Contains				Weight (lbs.)
68221					1.45
Cat. No.	Point	Size	Length		
68200	12	1/4" x 5/16"	4-3/8" (112 mm)		
68201	12	3/8" x 7/16"	5-1/2" (140 mm)		
68202	12	1/2" x 9/16"	6-7/8" (175 mm)		
68203	12	5/8" x 11/16"	8-1/4" (216 mm)		
68204	12	5/8" x 3/4"	8-1/4" (216 mm)		



## 7-Piece Ratcheting Box Wrench Set

### Additional Feature:

- Set of the ratcheting box wrenches in vinyl roll-up pouch.

Cat. No.	Set Contains				Weight (lbs.)
68222					2.65
Cat. No.	Point	Size	Length		
68200	12	1/4" x 5/16"	4-3/8" (112 mm)		
68201	12	3/8" x 7/16"	5-1/2" (140 mm)		
68202	12	1/2" x 9/16"	6-7/8" (175 mm)		
68203	12	5/8" x 11/16"	8-1/4" (216 mm)		
68204	12	5/8" x 3/4"	8-1/4" (216 mm)		
68205	12	11/16" x 3/4"	9-1/4" (235 mm)		
68206	12	13/16" x 7/8"	9-1/4" (235 mm)		



All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT push or hammer wrench.

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** Do NOT extend handle length.

# Ratcheting Box Wrenches

## Ratcheting Box Wrenches

Cat. No.	Point	Size	Length	Weight (lbs.)
68200	12	1/4" x 5/16"	4-3/8" (112 mm)	.13
68201	12	3/8" x 7/16"	5-1/2" (140 mm)	.18
68202	12	1/2" x 9/16"	6-7/8" (175 mm)	.29
68203	12	5/8" x 11/16"	8-1/4" (216 mm)	.43
68204	12	5/8" x 3/4"	8-1/4" (216 mm)	.42
68205	12	11/16" x 3/4"	9-1/4" (235 mm)	.52
68206	12	13/16" x 7/8"	9-1/4" (235 mm)	.69



68201

## Ratcheting Offset Box Wrenches

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

- Set of three offset and fully reversible ratcheting box wrenches.
- Different size single-hex openings on each end.
- Includes heavy-duty vinyl pouch.

Cat. No.	Set Contains			Weight (lbs.)
68244				.61
	Cat. No.	Point	Size	Length
	68234	6	1/4" x 5/16"	4-3/8" (112 mm)
	68236	6	3/8" x 7/16"	5-1/2" (140 mm)
	68238	6	1/2" x 9/16"	6-3/4" (171 mm)



68244

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

- Set of the offset reversible ratchet box wrenches in vinyl roll-up pouch.
- Two grommet holes for hanging.

Cat. No.	Set Contains	Weight (lbs.)	
68245		1.57	
Cat. No.	Point	Size	Length
68234	6	1/4" x 5/16"	4-3/8" (112 mm)
68236	6	3/8" x 7/16"	5-1/2" (140 mm)
68238	6	1/2" x 9/16"	6-3/4" (171 mm)
68240	12	5/8" x 11/16"	8-1/8" (206 mm)
68242	12	3/4" x 7/8"	9-1/8" (232 mm)



68245

## 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.

Cat. No.	Point	Size	Length	Weight (lbs.)
68234	6	1/4" x 5/16"	4-3/8" (112 mm)	.13
68236	6	3/8" x 7/16"	5-1/2" (140 mm)	.18
68238	6	1/2" x 9/16"	6-3/4" (171 mm)	.30
68240	12	5/8" x 11/16"	8-1/8" (206 mm)	.46
68242	12	3/4" x 7/8"	9-1/8" (232 mm)	.50



68236

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT push or hammer wrench.

**⚠ WARNING:** Never use on or near live electrical circuits.

**⚠ WARNING:** Do NOT extend handle length.



# Ratcheting Offset Box Wrenches

## Ratcheting Refrigeration Wrenches

- Fully reversible ratchet wrenches designed for refrigeration packing gland nuts and valve stem sockets.
- Wrenches are compact in size, with clearly marked sockets for four nut sizes.
- Also designed for beam-clamp installation.
- Quick-flip reversing lever permits instant ratchet reversal.
- Wrenches are ruggedly built and have polished chrome finish with smooth edges for comfort.



68310

Cat. No.	Socket Sizes	Length	Weight (lbs.)
68309	3/16" and 1/4" sq. x 1/2" and 9/16" hex	6-13/16" (173 mm)	.43
68310	3/16" and 5/16" sq. x 1/4" and 3/8" sq.	5-1/2" (140 mm)	.20
68310-24	24 pack of Cat. No. 68310	5-1/2" (140 mm)	4.70

## 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.



68005

- 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.	Description	Length	Handle Dia.	Weight (lbs.)
68005	3/8" and 7/16" hex nut	7" (178 mm)	1" (25 mm)	.35

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.

### Bell System Type

- Similar to standard lineman's wrench, but with end openings sized to NEMA hardware specifications.
- Silver painted finish.



3146B

Cat. No.	Description	Length	Weight (lbs.)
3146B	Large end has 1-1/16" and 1-3/16" openings. Small end has 11/16" and 7/8" openings.	13" (330 mm)	1.76

### Ratcheting Lineman's Wrenches

- Bolt-through design allows bolts to pass through the socket.
- 3/4" and 1" x 1-1/8" combination square socket 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.



KT151T



KT155T

Cat. No.	Description	Length	Weight (lbs.)
KT151T	Ratcheting Lineman's Wrench	13"	2.12
KT155T	5-in-1 Lineman's Wrench	9-3/8"	1.42

- KT155T also offers two popular wrench sizes: 9/16" and 3/4".

### Lineman's Box Wrenches

- "See-through handle" (Klein Klear-Vu™ technology) shows metal ends are not connected.
- 12-point 9/16" and 3/4" sockets.
- Reverse ratcheting action by simply turning wrench over.
- Textured grooves in handle prevent slipping (Cat. No. KT223-INS).



KT223-INS



KT203

Cat. No.	Description	Socket Size	Length	Weight (lbs.)
KT223-INS	Insulating Lineman's Box Wrench	9/16" x 3/4"	8-1/4" (216 mm)	.62
KT203	Lineman's Box Wrench	9/16" x 3/4"	8-1/8" (206 mm)	.55

- Solid, one piece design. (Cat. No. KT203).
- Chrome plated finish resists corrosion.

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT push or hammer wrench.

**⚠ WARNING:** Never use on or near live electrical circuits.

**⚠ WARNING:** Do NOT extend handle length.

## 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.
- Dark blue painted finish (small end is painted silver on Cat. No. 3146A).



3146

Cat. No.	Description	Length	Weight (lbs.)
3146	For 5/8" hardware. Large end has 29/32" and 1-3/32" openings. Small end has 5/8" and 13/16" openings.	13" (330 mm)	1.85
3146A	For 3/4" hardware. Large end has 1-1/16" and 1-5/16" openings. Small end has 5/8" and 7/8" openings.	13" (330 mm)	1.70

## Construction Wrenches

### Adjustable-Head Construction Wrenches

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm) (Cat. No. 3239).
- 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.
- Fits nuts and bolts to 1-5/16" (33 mm) (Cat. No. 3227).



3239

Cat. No.	Max. Size Capacity	Length	Weight (lbs.)
3239	1-1/2" (38 mm)	16" (406 mm)	2.36
3227	1-5/16" (33 mm)	11" (279 mm)	1.20 <b>NEW!</b>

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

- Accepts 1/2" square-drive hex socket.
- Reversible ratchet.
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.



3238

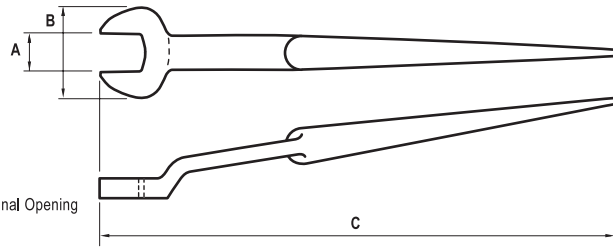
Cat. No.	Overall Length	Weight (lbs.)
3238	15" (381 mm)	2.10

### 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.



3231



A - Bolt Size/Nominal Opening  
B - Head Width  
C - Overall Length

Cat. No.	Nut Type	Bolt Size	Nom. Opening	Head Width	Taper Diameter	Overall Length	Weight (lbs.)
3210	U.S. heavy	1/2"	7/8"	2-1/4"	7/8" to 3/16"	14-3/4"	1.36
3211	U.S. heavy	5/8"	1-1/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3212	U.S. heavy	3/4"	1-1/4"	2-1/2"	1" to 1/4"	16-5/8"	1.98
3213	U.S. heavy	7/8"	1-7/16"	3"	1-1/8" to 9/32"	17-3/8"	2.72
3214	U.S. heavy	1"	1-5/8"	3-5/8"	1-1/8" to 1/4"	18"	3.36
3219	U.S. regular	1/2"	3/4"	2-1/4"	7/8" to 8/16"	14-3/4"	1.36
3220	U.S. regular	1/2"	13/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.35

Cat. No.	Nut Type	Bolt Size	Nom. Opening	Head Width	Taper Diameter	Overall Length	Weight (lbs.)
3221	U.S. regular	5/8"	1"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3222	U.S. regular	3/4"	1-1/8"	2-1/2"	1" to 1/4"	16-5/8"	2.00
3223	U.S. regular	7/8"	1-5/16"	3"	1-1/8" to 9/32"	17-3/8"	2.87
3224	U.S. regular	1"	1-1/2"	3-5/8"	1-1/8" to 1/4"	18"	3.37
3231	utility	5/8"	15/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3232	utility	3/4"	1-1/16"	2-1/2"	1" to 1/4"	16-5/8"	2.00

All dimensions are in inches and (millimeters).

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Do NOT push or hammer wrench.

**▲WARNING:** Do NOT extend handle length.





## 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.
- Patented, 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 (lbs.)
S6H	6" (152 mm)	1-1/2" – 5" (38 mm – 127 mm)	.20
S12H	12" (305 mm)	1-1/2" – 5" (38 mm – 127 mm)	.80
S18H	18" (457 mm)	1-1/8" – 8" (28 mm – 228 mm)	2.95

## Torque Wrenches

### Micro-Adjustable Torque-Sensing Wrenches with Square-Drive Ratchet Head

- Automatically limits desired torque.
- "Torque by feel." Pull and click—it's torqued to micrometer accuracy.
- Ratchet head allows speedy torquing and operation in confined working areas.
- Torques to the right.



57005

Cat. No.	Drive Size	Range	Length	Weight (lbs.)
57000	3/8"	15 – 75 ft-lb (20.4 – 101.7 Nm)	14-1/8" (359 mm)	2.00
57005	3/8"	30 – 150 in-lb (3.4 – 16.9 Nm)	10-5/8" (270 mm)	1.20
57010	1/2"	50 – 250 ft-lb (67.8 – 339.0 Nm)	24-1/4" (616 mm)	3.65

### 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 adaptor (Coupler).
- One hex-to-square adapter for wrenches and one adaptor 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 (lbs.)
57060	master electrician's torque tool kit	9.55



57060

All dimensions are in inches and (millimeters).

**⚠WARNING:** Do NOT push or hammer wrench.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT extend handle length.

# Hex-Key Wrenches

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.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Hex-Key Wrenches



# 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 your pocket or tool box easily and help eliminate the lost key problem.



70579

Cat. No.	Description	Handle Length	Key Lengths	Weight (lbs.)
<b>Hex-Key Sets – Inch</b>				
70591	nine-key inch set: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4-1/4" (108 mm)	1-3/4" – 3-1/2" (44 mm – 89 mm)	.50
70581	eight-key inch set: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"	3-1/16" (78 mm)	1-1/2" – 2-3/8" (38 mm – 60 mm)	.20
70583	eight-key inch set: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	5-1/4" (133 mm)	3-3/8" – 4-5/8" (86 mm – 117 mm)	.65
70579	five-key inch set: 3/16", 7/32", 1/4", 5/16", 3/8"	5-1/4" (133 mm)	3" – 4-5/8" (76 mm – 117 mm)	.85
<b>Hex-Key Sets – Metric</b>				
70582	seven-key metric set: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm	92 mm (3-5/8")	41 mm – 76 mm (1-5/8" – 3")	.35
70580	five-key metric set: 4 mm, 5 mm, 6 mm, 8 mm, 10 mm	133 mm (5-1/4")	82 mm – 117 mm (3-1/4" – 4-5/8")	.85

## 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).



70570

Cat. No.	Description	Sizes	Color	Weight (lbs.)
70570	Grip-It® hex sets – 5 inch sizes	3/16", 7/32", 1/4", 5/16", 3/8"	yellow	.58
70571	Grip-It® ball hex set – 5 inch sizes	3/16", 7/32", 1/4", 5/16", 3/8"	yellow	.58
70572	Grip-It® ball hex set – 5 metric sizes	5 mm, 6 mm, 7 mm, 8 mm, 10 mm	red	.58
70573	Grip-It® hex sets – 6 inch sizes and 6 metric sizes	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	.30
70574	Grip-It® hex sets – 9 inch sizes	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	yellow	.33
70575	Grip-It® hex sets – 9 inch sizes	.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	yellow	.20

## TORX® Set

### 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.

Cat. No.	Handle Length	Blade Lengths	Contains	Weight (lbs.)
70586	4-1/4" (108 mm)	2-1/8" to 3" (54 mm to 76 mm)	T10, T15, T20, T25, T27, T30, T40	.30

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



70586

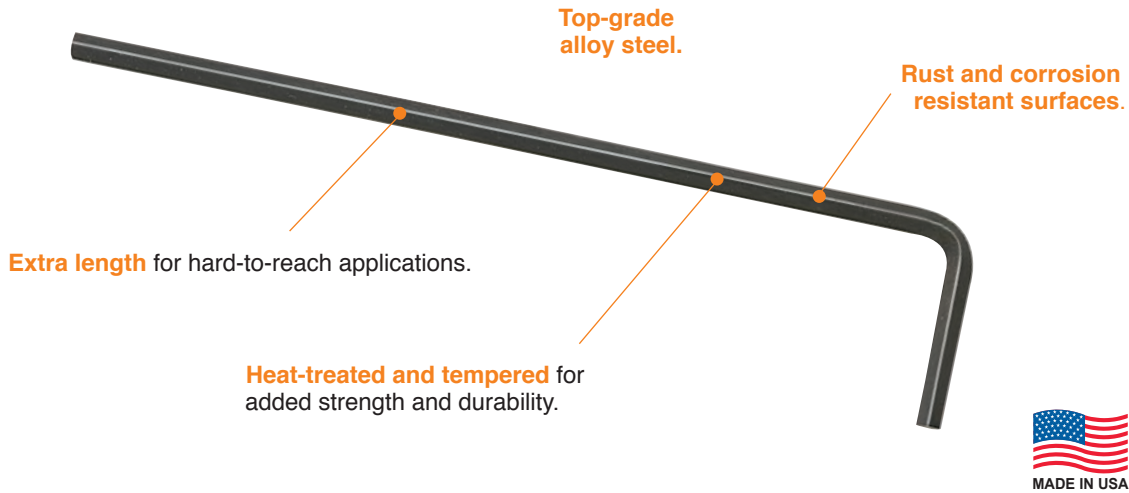
**▲WARNING:** Do NOT use a pipe or similar extension to increase leverage.

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** NOT insulated. Will NOT protect against electrical shock.

# L-Style Hex-Key Sets

## Features:



## L-Style Ball-End Hex-Key Caddy Sets

### Additional Features:

- L-style hex-keys in convenient caddy sets.
- Each set contains a unique locking feature and marked slots for each key.
- Ball-end works on angles up to 30°.
- Durable caddy keeps hex keys organized.

### 12-Piece Ball-End Hex-Key Set – Inch

Cat. No.	Set Contains	Weight (lbs.)	
BLK12		.53	
		Size and Length	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
BL2	.050"	19/32"	2-29/32"
BL4	1/16"	5/8"	3-1/16"
BL5	5/64"	21/32"	3-1/4"
BL6	3/32"	23/32"	3-7/16"
BL7	7/64"	3/4"	3-5/8"
BL8	1/8"	13/16"	3-13/16"
BL9	9/64"	27/32"	4"
BL10	5/32"	29/32"	4-3/16"
BL12	3/16"	1"	4-15/32"
BL14	7/32"	1-3/32"	4-7/8"
BL16	1/4"	1-3/16"	5-5/16"
BL20	5/16"	1-5/16"	6"



### 9-Piece Ball-End Hex-Key Set – Metric

Cat. No.	Set Contains			Weight (lbs.)
BLMK10				.62
		Size and Length		
Cat. No.	Hex Size	Short Arm Length	Long Arm Length	
BLM15	1.5 mm	1/2"	3"	
BLM2	2 mm	5/16"	3-3/16"	
BLM25	2.5 mm	2/32"	3-7/16"	
BLM3	3 mm	23/32"	3-27/32"	
BLM4	4 mm	29/32"	4-1/16"	
BLM5	5 mm	1-1/32"	4-17/32"	
BLM6	6 mm	1-3/16"	5-13/32"	
BLM8	8 mm	1-11/32"	6-5/32"	
BLM10	10 mm	1-1/2"	6-17/32"	

**⚠ WARNING:** Do NOT use a pipe or similar extension to increase leverage.

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.





# L-Style Hex-Key Sets

## L-Style Hex-Key Caddy Sets

Additional Features:

- L-style hex-keys in convenient caddy sets.
- Caddy contains a unique locking feature and marked slots for each key.
- Durable caddy keeps hex-keys organized.



LLK12

## 12-Piece Hex-Key Set – Inch

Cat. No.	Set Contains	Weight (lbs.)
LLK12		.54

Cat. No.	Hex Size	Size and Length	
		Short Arm Length	Long Arm Length
LL2	.050"	5/8"	2-15/16"
LL4	1/16"	21/32"	3-3/32"
LL5	5/64"	11/16"	3-9/32"
LL6	3/32"	3/4"	3-15/32"
LL7	7/64"	25/32"	3-21/32"
LL8	1/8"	27/32"	3-27/32"
LL9	9/64"	7/8"	4-1/32"
LL10	5/32"	15/16"	4-7/32"
LL12	3/16"	1-1/32"	4-1/2"
LL14	7/32"	1-1/8"	4-29/32"
LL16	1/4"	1-7/32"	5-11/32"
LL20	5/16"	1-11/32"	6-1/32"

## 9-Piece Hex-Key Set – Metric

Cat. No.	Set Contains			Weight (lbs.)
LMK10				.63

Cat. No.	Hex Size	Size and Length	
		Short Arm Length	Long Arm Length
LLM15	1.5 mm	23/32"	3-1/8"
LLM2	2 mm	7/16"	3-1/32"
LLM25	2.5 mm	1/2"	3-9/32"
LLM3	3 mm	9/16"	3-1/2"
LLM4	4 mm	11/16"	3-31/32"
LLM5	5 mm	13/16"	4-3/8"
LLM6	6 mm	15/16"	4-27/32"
LLM8	8 mm	1-1/32"	5-1/32"
LLM10	10 mm	1-3/32"	5-9/32"

# L-Style Hex-Keys

## 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	Size and Length		Weight (lbs.)
		Short Arm Length	Long Arm Length	Weight (lbs.)
<b>Ball-End Hex-Key – Inch</b>				
BL2	.050"	19/32"	2-29/32"	.002
BL4	1/16"	5/8"	3-1/16"	.002
BL5	5/64"	21/32"	3-1/4"	.005
BL6	3/32"	23/32"	3-7/16"	.005
BL7	7/64"	3/4"	3-5/8"	.01
BL8	1/8"	13/16"	3-13/16"	.02
BL9	9/64"	27/32"	4"	.02
BL10	5/32"	29/32"	4-3/16"	.03
BL12	3/16"	1"	4-15/32"	.05
BL14	7/32"	1-3/32"	4-7/8"	.06
BL16	1/4"	1-3/16"	5-5/16"	.09
BL20	5/16"	1-5/16"	6"	.17
BL24	3/8"	1-7/16"	6-13/16"	.23

Cat. No.	Hex Size	Size and Length		Weight (lbs.)
		Short Arm Length	Long Arm Length	Weight (lbs.)
Ball-End Hex-Key – Metric				
BLM15	1.5 mm	1/2"	3"	.01
BLM2	2 mm	5/16"	3-3/16"	.01
BLM25	2.5 mm	2/32"	3-7/16"	.01
BLM3	3 mm	23/32"	3-27/32"	.02
BLM4	4 mm	29/32"	4-1/16"	.03
BLM5	5 mm	1-1/32"	4-17/32"	.05
BLM6	6 mm	1-3/16"	5-13/32"	.08
BLM8	8 mm	1-11/32"	6-5/32"	.14
BLM10	10 mm	1-1/2"	6-17/32"	.24

**⚠WARNING:** Do NOT use a pipe or similar extension to increase leverage.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

## L-Style Hex-Keys

### Long-Arm Hex-Keys – Inch

LL8

Additional Features:

- Long side for accessing hard-to-reach places.
- Short side for higher torque situations and low clearances.

Cat. No.	Hex Size	Size and Length		Weight (lbs.)
		Short Arm Length	Long Arm Length	
LL2	.050"	5/8"	2-15/16"	.005
LL4	1/16"	21/32"	3-3/32"	.005
LL5	5/64"	11/16"	3-9/32"	.005
LL6	3/32"	3/4"	3-15/32"	.01
LL7	7/64"	25/32"	3-21/32"	.02
LL8	1/8"	27/32"	3-27/32"	.02
LL9	9/64"	7/8"	4-1/32"	.03
LL10	5/32"	15/16"	4-7/32"	.03
LL12	3/16"	1-1/32"	4-1/2"	.05
LL14	7/32"	1-1/8"	4-29/32"	.70
LL16	1/4"	1-7/32"	5-11/32"	.10
LL20	5/16"	1-11/32"	6-1/32"	.18
LL24	3/8"	1-15/32"	6-27/32"	.25

### Long-Arm Hex-Keys – Metric

LLM5

Additional Features:

- Long side for accessing hard-to-reach places.
- Short side for higher torque situations and low clearances.

Cat. No.	Hex Size	Size and Length		Weight (lbs.)
		Short Arm Length	Long Arm Length	
LLM15	1.5 mm	17/32"	3-1/32"	.005
LLM2	2 mm	13/32"	3-7/32"	.005
LLM25	2.5 mm	11/16"	3-15/32"	.01
LLM3	3 mm	3/4"	3-7/8"	.02
LLM4	4 mm	15/16"	4-3/32"	.03
LLM5	5 mm	1-1/16"	4-9/16"	.05
LLM6	6 mm	1-7/32"	5-7/16"	.08
LLM8	8 mm	1-3/8"	6-3/16"	.15
LLM10	10 mm	1-17/32"	6-9/16"	.25

**⚠WARNING:** Do NOT use a pipe or similar extension to increase leverage on L-Style Hex-Keys.

## T-Handle Hex-Key Sets

### Features:

**Color-coded handles:**  
blue for metric,  
black for inch.

**Cat. No. and hex size on handle** for positive identification.

**Treated steel** for  
rust and corrosion  
resistance.

**Molded-in finger grooves**  
for comfort.

**T-handle design** delivers more  
torque to the fasteners.

**9" length** is available for  
hard-to-reach applications.



### 8-Piece T-Handle Hex-Key Sets – Inch

Additional Feature:

- T-handle design delivers more torque to the fasteners.

Cat. No.	Set Contains	Weight (lbs.)
89954		.91
Cat. No.	Hex Size	Blade Length
76206	3/32"	4" (102 mm)
76207	7/64"	4" (102 mm)
76208	1/8"	4" (102 mm)
76209	9/64"	4" (102 mm)
76210	5/32"	4" (102 mm)
76212	3/16"	4-1/2" (114 mm)
76214	7/32"	4-1/2" (114 mm)
76216	1/4"	4-1/2" (114 mm)



**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.



# T-Handle Hex-Key Sets

## T-Handle Hex-Key Sets with Stand

Additional Features:

- Furnished complete with a rugged metal stand for mounting on bench or wall.
- T-handle design delivers more torque to the fasteners.

Cat. No.	Set Contains	Weight (lbs.)
70152		2.00
Cat. No.	Hex Size	Blade Length
76206	3/32"	4" (102 mm)
76207	7/64"	4" (102 mm)
76208	1/8"	4" (102 mm)
76209	9/64"	4" (102 mm)
76210	5/32"	4" (102 mm)
76212	3/16"	4-1/2" (114 mm)
76214	7/32"	4-1/2" (114 mm)
76216	1/4"	4-1/2" (114 mm)
76220	5/16"	4-1/2" (114 mm)
76224	3/8"	4-1/2" (114 mm)



70153

Cat. No.	Set Contains	Weight (lbs.)	Cat. No.	Set Contains	Weight (lbs.)
70153		2.40	70157		2.00
Cat. No.	Hex Size	Blade Length	Cat. No.	Hex Size	Blade Length
79206	3/32"	7-1/4" (184 mm)	76302	2 mm	6" (152 mm)
79207	7/64"	7-1/4" (184 mm)	76325	2.5 mm	6" (152 mm)
79208	1/8"	7-1/4" (184 mm)	76303	3 mm	6" (152 mm)
79209	9/64"	7-1/4" (184 mm)	76304	4 mm	6" (152 mm)
79210	5/32"	7-1/4" (184 mm)	76305	5 mm	6" (152 mm)
79212	3/16"	7-1/2" (191 mm)	76306	6 mm	6" (152 mm)
79214	7/32"	7-1/2" (191 mm)	76308	8 mm	6" (152 mm)
79216	1/4"	7-1/2" (191 mm)	76310	10 mm	6" (152 mm)
79220	5/16"	7-1/2" (191 mm)			
79224	3/8"	7-1/2" (191 mm)			

## T-Handle Hex-Keys

Additional Features:

- T-handle design delivers more torque to the fasteners.
- Color-coded handles: blue for metric, black for inch.



79224

### 6" Length - Inch

### 9" Length - Inch

### 6" Length - Metric

Cat. No.	Hex Size	Blade Length	Weight (lbs.)	Cat. No.	Hex Size	Blade Length	Weight (lbs.)	Cat. No.	Hex Size	Blade Length	Weight (lbs.)
76206	3/32"	4" (102 mm)	.06	79206	3/32"	7-1/4" (184 mm)	.07	76302	2 mm	6" (152 mm)	.06
76207	7/64"	4" (102 mm)	.06	79207	7/64"	7-1/4" (184 mm)	.07	76325	2.5 mm	6" (152 mm)	.07
76208	1/8"	4" (102 mm)	.07	79208	1/8"	7-1/4" (184 mm)	.08	76303	3 mm	6" (152 mm)	.07
76209	9/64"	4" (102 mm)	.08	79209	9/64"	7-1/4" (184 mm)	.09	76304	4 mm	6" (152 mm)	.09
76210	5/32"	4" (102 mm)	.08	79210	5/32"	7-1/4" (184 mm)	.10	76305	5 mm	6" (152 mm)	.19
76212	3/16"	4-1/2" (114 mm)	.17	79212	3/16"	7-1/2" (191 mm)	.19	76306	6 mm	6" (152 mm)	.22
76214	7/32"	4-1/2" (114 mm)	.19	79214	7/32"	7-1/2" (191 mm)	.22	76308	8 mm	6" (152 mm)	.31
76216	1/4"	4-1/2" (114 mm)	.21	79216	1/4"	7-1/2" (191 mm)	.26	76310	10 mm	6" (152 mm)	.42
76220	5/16"	4-1/2" (114 mm)	.25	79220	5/16"	7-1/2" (191 mm)	.34				
76224	3/8"	4-1/2" (114 mm)	.35	79224	3/8"	7-1/2" (191 mm)	.45				
76232	1/2"	4-1/2" (114 mm)	.45	79232	1/2"	7-1/2" (191 mm)	.65				

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

# Journeyman T-Handle Hex-Keys

## Features:

**Tip-Ident®**  
sizes marked  
on individual  
T-handles.

**JOURNEYMAN**

**Blade through handle design**  
for high torque applications.

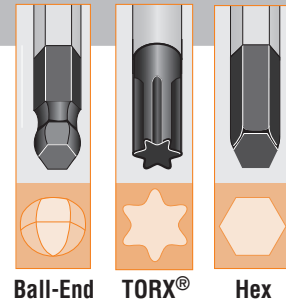
**T-handle design delivers**  
maximum power.

**Soft touch grips** for superior  
control and comfort.

**Chamfered end**  
for ease of use.

**Convenient**  
hang hole.

**Size laser etched on blade.**



## T-Handle Ball-End Hex-Key Set with Stand – Inch

**JOURNEYMAN**

*Additional features*

- Metal stand for convenient mounting on bench or wall.
- Short blade through handle provides maximum tool versatility.

**6" Length - Inch**

Cat. No.	Set Contains	Weight (lbs.)
JTH610EB		3.0
Cat. No.	Hex Size	Blade Length
JTH6E06EB	3/32"	6" (152 mm)
JTH6E07EB	7/64"	6" (152 mm)
JTH6E08EB	1/8"	6" (152 mm)
JTH6E09EB	9/64"	6" (152 mm)
JTH6E10EB	5/32"	6" (152 mm)
JTH6E11EB	3/16"	6" (152 mm)
JTH6E12EB	7/32"	6" (152 mm)
JTH6E13EB	1/4"	6" (152 mm)
JTH6E14EB	5/16"	6" (152 mm)
JTH6E15EB	3/8"	6" (152 mm)



## T-Handle Ball-End Hex-Key Set with Stand – Inch

**JOURNEYMAN**

*Additional features*

- Short blade through handle provides maximum tool versatility.
- Black oxide tips for precision fit.

**6" Length - Inch**

Cat. No.	Hex Size	Blade Length	Weight (lbs.)
JTH6E06EB	3/32"	6" (152 mm)	.04
JTH6E07EB	7/64"	6" (152 mm)	.05
JTH6E08EB	1/8"	6" (152 mm)	.06
JTH6E09EB	9/64"	6" (152 mm)	.07
JTH6E10EB	5/32"	6" (152 mm)	.12
JTH6E11EB	3/16"	6" (152 mm)	.14



Cat. No.	Hex Size	Blade Length	Weight (lbs.)
JTH6E12EB	7/32"	6" (152 mm)	.17
JTH6E13EB	1/4"	6" (152 mm)	.27
JTH6E14EB	5/16"	6" (152 mm)	.35
JTH6E15EB	3/8"	6" (152 mm)	.45
JTH6E17EB	1/2"	6" (152 mm)	.70

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

Hex-Key Wrenches





# Journeyman™ T-Handle Hex-Keys

## T-Handle Hex-Key Sets with Stand – Inch

Additional features

- Metal stand for convenient mounting on bench or wall.
- Short blade through handle provides maximum tool versatility.

### 4" Length – Inch

Cat. No.	Set Contains	Weight (lbs.)
JTH410E		2.7
Cat. No.	Hex Size	Blade Length
JTH4E06	3/32"	4" (102 mm)
JTH4E07	7/64"	4" (102 mm)
JTH4E08	1/8"	4" (102 mm)
JTH4E09	9/64"	4" (102 mm)
JTH4E10	5/32"	4" (102 mm)
JTH4E11	3/16"	4" (102 mm)
JTH4E12	7/32"	4" (102 mm)
JTH4E13	1/4"	4" (102 mm)
JTH4E14	5/16"	4" (102 mm)
JTH4E15	3/8"	4" (102 mm)

### 6" Length – Inch

Cat. No.	Set Contains	Weight (lbs.)
JTH610E		2.7
Cat. No.	Hex Size	Blade Length
JTH6E06	3/32"	6" (152 mm)
JTH6E07	7/64"	6" (152 mm)
JTH6E08	1/8"	6" (152 mm)
JTH6E09	9/64"	6" (152 mm)
JTH6E10	5/32"	6" (152 mm)
JTH6E11	3/16"	6" (152 mm)
JTH6E12	7/32"	6" (152 mm)
JTH6E13	1/4"	6" (152 mm)
JTH6E14	5/16"	6" (152 mm)
JTH6E15	3/8"	6" (152 mm)

**JOURNEYMAN**



JTH610E

### 9" Length – Inch

Cat. No.	Set Contains	Weight (lbs.)
JTH910E		3.56
Cat. No.	Hex Size	Blade Length
JTH9E06	3/32"	4" (102 mm)
JTH9E07	7/64"	4" (102 mm)
JTH9E08	1/8"	4" (102 mm)
JTH9E09	9/64"	4" (102 mm)
JTH9E10	5/32"	4" (102 mm)
JTH9E11	3/16"	4" (102 mm)
JTH9E12	7/32"	4" (102 mm)
JTH9E13	1/4"	4" (102 mm)
JTH9E14	5/16"	4" (102 mm)
JTH9E15	3/8"	4" (102 mm)

## T-Handle Hex-Key Sets – Inch

Additional features

- Short blade through handle provides maximum tool versatility.
- Black oxide tips for precision fit.

**JOURNEYMAN**



JTH615

### 4" Length – Inch

Cat. No.	Hex Size	Blade Length	Weight (oz.)
JTH4E06	3/32"	4" (102 mm)	.04
JTH4E07	7/64"	4" (102 mm)	.05
JTH4E08	1/8"	4" (102 mm)	.05
JTH4E09	9/64"	4" (102 mm)	.06
JTH4E10	5/32"	4" (102 mm)	.11
JTH4E11	3/16"	4" (102 mm)	.13
JTH4E12	7/32"	4" (102 mm)	.15
JTH4E13	1/4"	4" (102 mm)	.24
JTH4E14	5/16"	4" (102 mm)	.30
JTH4E15	3/8"	4" (102 mm)	.38
JTH4E17	1/2"	4" (102 mm)	.59

### 6" Length – Inch

Cat. No.	Hex Size	Blade Length	Weight (lbs.)
JTH6E06	3/32"	6" (152 mm)	.04
JTH6E07	7/64"	6" (152 mm)	.05
JTH6E08	1/8"	6" (152 mm)	.05
JTH6E09	9/64"	6" (152 mm)	.06
JTH6E10	5/32"	6" (152 mm)	.11
JTH6E11	3/16"	6" (152 mm)	.13
JTH6E12	7/32"	6" (152 mm)	.15
JTH6E13	1/4"	6" (152 mm)	.24
JTH6E14	5/16"	6" (152 mm)	.30
JTH6E15	3/8"	6" (152 mm)	.38
JTH6E17	1/2"	6" (152 mm)	.59

### 9" Length – Inch

Cat. No.	Hex Size	Blade Length	Weight (lbs.)
JTH9E06	3/32"	9" (229 mm)	.05
JTH9E07	7/64"	9" (229 mm)	.05
JTH9E08	1/8"	9" (229 mm)	.06
JTH9E09	9/64"	9" (229 mm)	.07
JTH9E10	5/32"	9" (229 mm)	.11
JTH9E11	3/16"	9" (229 mm)	.14
JTH9E12	7/32"	9" (229 mm)	.17
JTH9E13	1/4"	9" (229 mm)	.27
JTH9E14	5/16"	9" (229 mm)	.35
JTH9E15	3/8"	9" (229 mm)	.45
JTH9E17	1/2"	9" (229 mm)	.70

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.



# Journeyman™ T-Handle Hex-Keys

## T-Handle Ball-End Hex-Key Set with Stand – Metric

**JOURNEYMAN**

Additional features

- Metal stand for convenient mounting on bench or wall.
- Short blade through handle provides maximum tool versatility.

### 6" Length - Inch

Cat. No.	Set Contains	Weight (lbs.)
JTH68MB		2.7
Cat. No.	Hex Size	Blade Length
JTH6M2	2 mm	6" (152 mm)
JTH6M25	2.5 mm	6" (152 mm)
JTH6M3	3 mm	6" (152 mm)
JTH6M4	4 mm	6" (152 mm)
JTH6M5	5 mm	6" (152 mm)
JTH6M6	6 mm	6" (152 mm)
JTH6M8	8 mm	6" (152 mm)
JTH6M10	10 mm	6" (152 mm)



**NEW!**

JTH68MB

## T-Handle Ball-End Hex-Keys – Metric

**JOURNEYMAN**

Additional features

- Short blade through handle provides maximum tool versatility.
- Black oxide tips for precision fit.

Cat. No.	Hex Size	Blade Length	Weight (lbs.)
JTH6M2BE	2 mm	6" (152 mm)	.04
JTH6M25BE	2.5 mm	6" (152 mm)	.05
JTH6M3BE	3 mm	6" (152 mm)	.06
JTH6M4BE	4 mm	6" (152 mm)	.07
JTH6M5BE	5 mm	6" (152 mm)	.15
JTH6M6BE	6 mm	6" (152 mm)	.19
JTH6M8BE	8 mm	6" (152 mm)	.35
JTH6M10BE	10 mm	6" (152 mm)	.48



**NEW!**

JTH6M8BE

## T-Handle Hex-Key Sets with Stand – Metric

**JOURNEYMAN**

Additional features

- Metal stand for convenient mounting on bench or wall.
- Short blade through handle provides maximum tool versatility.

### 6" Length - Inch

Cat. No.	Set Contains	Weight (lbs.)
JTH68M		1.84
Cat. No.	Hex Size	Blade Length
JTH6M2	2 mm	6" (152 mm)
JTH6M25	2.5 mm	6" (152 mm)
JTH6M3	3 mm	6" (152 mm)
JTH6M4	4 mm	6" (152 mm)
JTH6M5	5 mm	6" (152 mm)
JTH6M6	6 mm	6" (152 mm)
JTH6M8	8 mm	6" (152 mm)
JTH6M10	10 mm	6" (152 mm)

### 9" Length - Inch

Cat. No.	Set Contains	Weight (lbs.)
JTH98M		2.14
Cat. No.	Hex Size	Blade Length
JTH9M2	2 mm	9" (229 mm)
JTH9M25	2.5 mm	9" (229 mm)
JTH9M3	3 mm	9" (229 mm)
JTH9M4	4 mm	9" (229 mm)
JTH9M5	5 mm	9" (229 mm)
JTH9M6	6 mm	9" (229 mm)
JTH9M8	8 mm	9" (229 mm)
JTH9M10	10 mm	9" (229 mm)



**NEW!**

JTH68M

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** NOT insulated. Will NOT protect against electrical shock.

**⚠WARNING:** Never use on or near live electrical circuits.

Hex-Key Wrenches



## T-Handle Hex-Keys – Metric

JOURNEYMAN

Additional features

- Short blade through handle provides maximum tool versatility.
- Black oxide tips for precision fit.



JTH6M8

NEW!

## 6" Length Inch

Cat. No.	Hex Size	Blade Length	Weight (lbs.)
JTH6M2	2 mm	6" (152 mm)	.04
JTH6M25	2.5 mm	6" (152 mm)	.05
JTH6M3	3 mm	6" (152 mm)	.06
JTH6M4	4 mm	6" (152 mm)	.07
JTH6M5	5 mm	6" (152 mm)	.15
JTH6M6	6 mm	6" (152 mm)	.17
JTH6M8	8 mm	6" (152 mm)	.35
JTH6M10	10 mm	6" (152 mm)	.48

## 9" Length Inch

Cat. No.	Hex Size	Blade Length	Weight (oz.)
JTH9M2	2 mm	9" (229 mm)	.05
JTH9M25	2.5 mm	9" (229 mm)	.06
JTH9M3	3 mm	9" (229 mm)	.07
JTH9M4	4 mm	9" (229 mm)	.10
JTH9M5	5 mm	9" (229 mm)	.18
JTH9M6	6 mm	9" (229 mm)	.23
JTH9M8	8 mm	9" (229 mm)	.42
JTH9M10	10 mm	9" (229 mm)	.48

## T-Handle Hex-Key Set with Stand – TORX®

JOURNEYMAN

Additional features

- Metal stand for convenient mounting on bench or wall.
- Short blade through handle provides maximum tool versatility.

Cat. No.	Set Contains	Weight (lbs.)
JTH67T		1.32

Cat. No.	Hex Size	Blade Length
JTH6T10	T10	6" (152 mm)
JTH6T15	T15	6" (152 mm)
JTH6T20	T20	6" (152 mm)
JTH6T25	T25	6" (152 mm)
JTH6T27	T27	6" (152 mm)
JTH6T30	T30	6" (152 mm)
JTH6T40	T40	6" (152 mm)



JTH67T

NEW!

## T-Handle Hex-Keys – TORX®

JOURNEYMAN

Additional features

- Short blade through handle provides maximum tool versatility.
- Black oxide tips for precision fit.

Cat. No.	Hex Size	Blade Length	Weight (lbs.)
JTH6T10	T10	6" (152 mm)	.05
JTH6T15	T15	6" (152 mm)	.06
JTH6T20	T20	6" (152 mm)	.07
JTH6T25	T25	6" (152 mm)	.13
JTH6T27	T27	6" (152 mm)	.16
JTH6T30	T30	6" (152 mm)	.18
JTH6T40	T40	6" (152 mm)	.29



JTH6T40

NEW!

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

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Will NOT protect against electrical shock.

⚠WARNING: Never use on or near live electrical circuits.

# Levels & 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®



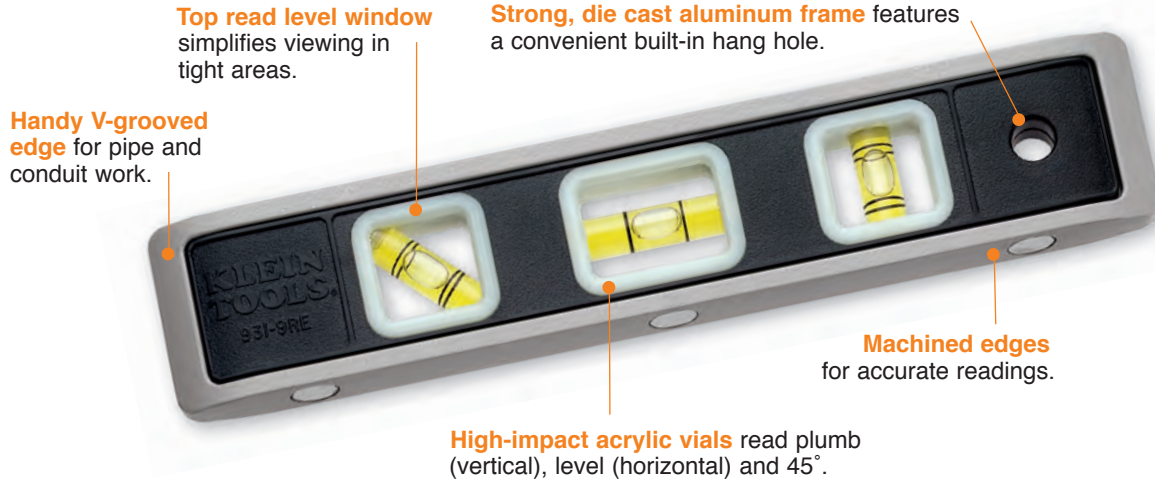
Levels & Measuring Tools





# Levels

## Features:



## Magnetic Torpedo Level



930-9

### Additional Features:

- Magnetized strip on bottom.
- Yellow vials for easy viewing.

Cat. No.	Overall Length	Weight (lbs.)
930-9	9" (229 mm)	.36

## Rare Earth Magnet Torpedo Level



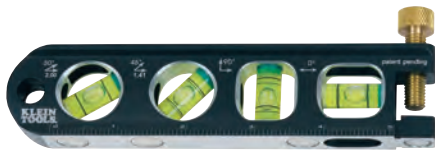
931-9RE

### Additional Features:

- Powerful Rare Earth magnets, hold firmly to iron and steel surfaces.
- Rare Earth magnets are up to five times stronger than strip magnets.
- Yellow vials framed with E-Z SEE® glow-in-the-dark material for easier viewing in dimly lit areas.

Cat. No.	Overall Length	Weight (lbs.)
931-9RE	9" (229 mm)	.36

## 6" Electrician's Level



931-6RE

- Large, high visibility vials are easy to read.
- Unique 3-point design holds securely to pipe.
- Strong Rare Earth magnets firmly hold the level to ferrous metals.
- For use in measuring bends in conduit.
- Durable machined billet aluminum design.
- High-contrast, laser-etched markings for high visibility readings.

Cat. No.	Overall Length	Weight (lbs.)
931-6RE	6" (152 mm)	1.00

## 9" Torpedo Level



932-9RE

- Large, high visibility vials are easy to read.
- Strong Rare Earth magnets firmly hold the level to ferrous metals.
- Easy to read vials set for measurements at 0, 30, 45 and 90 degrees.
- Durable machined billet aluminum design.
- High-contrast, laser-etched markings.

Cat. No.	Overall Length	Weight (lbs.)
932-9RE	9" (229 mm)	1.00

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠ WARNING:** Always wear approved eye protection.

## Features:



## Power-Return Steel Rules – Magnetic Dual-End Hook, Double-Sided Blade



### Additional Features:

- Large magnetic dual-end hook allows for easier one-person measurements on ferrous metals.\*\*
- Large dual-end hook with double-sided blade for easy measurements, markings, and drawings.
- Comfortable rubber grip built into case for positive gripping and impact resistance.
- Positive blade lock holds blade securely in place.
- Oversized, easy-to-read blade numbers.
- Tape measure holders available.

Cat. No.	Blade Length	Width	Weight (lbs.)
918-16RE	16' (5 m)	1" (25 mm)	.60
918-25RE	25' (7.5 m)	1" (25 mm)	.90
918-7.5ME-RE	7.5 m (25')	25 mm (1")	.90
918-30RE	30' (9 m)	1" (25 mm)	1.10

\*\*Note: Magnetic strength will vary with different types of metal surfaces.

## Power-Return Steel Rules – Magnetic Tip



### Additional Features:

- Rare Earth magnetic tip sticks to iron and steel surfaces for simple one-person measurements.
- Comfortable, non-slip rubber jacket for easy gripping of case.
- Thick rubber jacket protects case against fall impacts.
- Convenient two-step lock button – 1st step slows retraction of the blade; 2nd step holds the blade securely.
- High-visibility orange case for easy locating in work areas and tool bags.
- Oversized, bold black numbers (first 11 inches) for easy reading\*, 16" (406 mm) and 19" (485 mm) red stud markings.
- Tape measure holders available.

Cat. No.	Blade Length	Width	Weight (lbs.)
916-16RE	16' (5 m)	1" (25 mm)	.63
916-25RE	25' (7.5 m)	1" (25 mm)	.90
916-7.5ME-RE	7.5 m (25')	25 mm (1")	.90
916-30RE	30' (9 m)	1" (25 mm)	1.10

(Note: Magnetic strength will vary with different types of metal surfaces.)

\*Not available on Cat. No. 916-7.5ME-RE.

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Protect hands when cleaning magnetic tip. Use gloves or cloth.

**⚠WARNING:** Avoid magnetic contact with sensitive electronic or computer equipment.

**⚠WARNING:** To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case at full speed.

**⚠WARNING:** NOT insulated. Do NOT use on live circuits.

**⚠WARNING:** Do NOT open case. Spring motor is under tension, and opening case may cause injury.



# Power-Return Rules

## Power-Return Steel Rules – Double-Sided



### Additional Features:

- Double-sided rule for easy reading of elevation, flat surface, and pipe conduit measurements.\*
- Comfortable, non-slip rubber grip for easy gripping of case.

- Thick rubber grip protects case against fall impacts.
- Eye-catching blue case for quick identification in work areas and tool bags.
- Oversized, bold black numbers (first 11 inches) for easy reading\*, 16" (406 mm) and 19" (485 mm) red stud markings.
- Tape measure holders available.

Cat. No.	Blade Length	Width	Weight (lbs.)
908-12	12' (3.5 m)	5/8" (16 mm)	.33
908-16	16' (5 m)	1" (25 mm)	.60
908-25	25' (7.5 m)	1" (25 mm)	.90
908-7.5ME	7.5 m (25')	25 mm (1")	.90
908-30	30' (9 m)	1" (25 mm)	1.10

\*Not available on Cat. No. 908-12.

## Stand-Out™ – Power-Return Rules



- Durable coated blade is 1.06" wide and 10X stronger than standard coating.
- 9' Standout (2.7 m).
- Vertically printed scale on back side of blade.

Cat. No.	Blade Length	Width	Weight (lbs.)
917-16	16' (5m)	1.06" (27 mm)	.85
917-25	25' (7.5 m)	1.06" (27 mm)	1.2
917-7.5ME	7.5 m (25')	1.06" (27 mm)	1.2

## Offset Tape Stop® – Power-Return Rule



- Quick reference offset markings are printed on the first foot of each side of the blade (front side: three-bend saddle markings; back side: offset markings). See end of tape for complete multiplier formulas.
- Tape Stop® self lock blade automatically locks when pulled out.
- Easy-to-read numbers and innovative markings.
- Dual-end hook easily attaches to conduit.
- Comfortable, non-slip rubber grip protects against impact.
- Complete multiplier formulas printed at end of tape.

Cat. No.	Blade Length	Width	Weight (lbs.)
915-26	16' (5 m)	1" (25 mm)	.61

## Tape Stop® – Power-Return Rules



- Tape Stop® blade with dual-end hook is designed for automatic self lock of blade.
- Oversized, bold black numbers on the first 11 inches (279.4 mm) of the blade for easy reading; 16" (406 mm) and 19" (485 mm) red stud markings.
- 1/8 and 1/4 architectural scale is printed on the first 10 feet (3.1 m) of the back side of the blade (Cat. Nos. 925-16 and 925-25 only).
- 925-7.5ME features numbers printed horizontally on the front of the blade and vertically on the back of the blade (no architectural scale).

Cat. No.	Blade Length	Width	Weight (lbs.)
925-16	16' (5 m)	1" (25 mm)	.6
925-25	25' (7.5 m)	1" (25 mm)	.95
925-7.5ME*	7.5 m (25')	25 mm (1")	.95

\*925-7.5ME features numbers printed horizontally on the front of the blade and vertically on the back of the blade; no architectural scale.

All dimensions are in inches and (millimeters) unless otherwise specified.

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Protect hands when cleaning magnetic tip. Use gloves or cloth.

**▲WARNING:** Avoid magnetic contact with sensitive electronic or computer equipment.

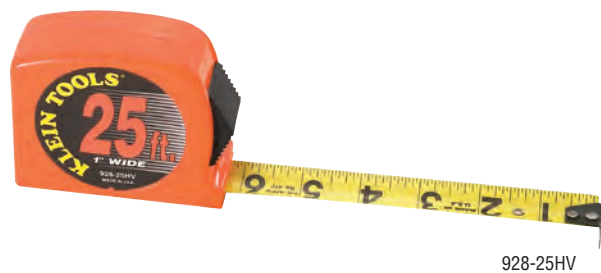
**▲WARNING:** To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case at full speed.

**▲WARNING:** NOT insulated. Do NOT use on live circuits.

**▲WARNING:** Do NOT open case. Spring motor is under tension, and opening case may cause injury.



Power-Return Steel Rules – High-Visibility Case

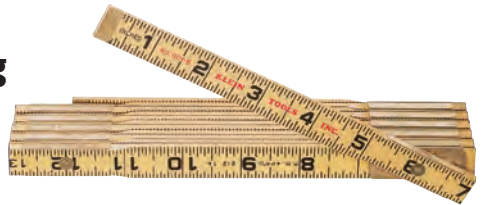


- High-visibility, high-impact orange case makes it easy to find in a tool box, pouch and on the jobsite.
- 16" (406 mm) and 19.2" (485 mm) stud-center marks.
- Tape measure holders available.
- Made in USA.

Cat. No.	Blade Length	Width	Weight (lbs.)
928-25HV	25' (7.5 m)	1" (25 mm)	1.00

Folding Rules

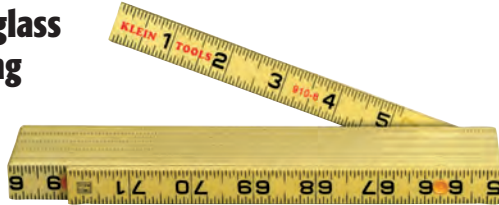
Wood Folding Rules



- 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, and 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)

Cat. No.	Reading	Length	Weight (lbs.)
900-6	inside	6' (183 cm)	.33
901-6	outside	6' (183 cm)	.33
<b>6-Ft. Folding Rule — with Extension</b>			
905-6	outside	6' (183 cm)	.33

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.

Cat. No.	Reading	Length	Weight (lbs.)
910-6	inside	6' (183 cm)	.33
911-6	outside	6' (183 cm)	.33

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT open case. Spring motor is under tension, and opening case may cause injury.

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠CAUTION:** To prevent high speed rewinding, apply slight pressure with forefinger on the underside of the blade.





# Fiberglass Tapes

## Woven Fiberglass Tape – Case

- 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 reinforced strip.
- Black case and reel are ruggedly built yet lightweight and comfortable to use.
- Tape line graduated in feet and inches to 8ths.
- Black graduating numbers and red foot markings on yellow background.
- Protective carrying case encloses tape completely.
- Tape ring tucks neatly into case opening for storage.

Cat. No.	Length	Width	Weight (lbs.)
946-50	50' (15 m)	1/2" (13 mm)	.80
946-100	100' (30 m)	1/2" (13 mm)	1.20



946-100

## Woven Fiberglass Tape – Open-Reel

- 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.
- Black figures on a yellow background are easy to read.
- 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.
- Graduations and numbers are black; foot markings are red.
- Contained in a high-visibility orange open reel and is easy to handle and rewind.
- Line will not collect dirt or bring debris into the case.

Cat. No.	Length	Width	Weight (lbs.)
946-150	150' (46 m)	1/2" (13 mm)	1.70



946-150

# Fish Tapes & 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.

Fish Tapes & Conduit Tools

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



# Fish Tapes

## Features:

**13" case diameter** allows you to reel in 15% more tape in a single revolution than similar sized 12" tapes saving you time and effort.

**Raised fingerrips** help transfer 100% of the winding power from your hand and fingers.



**The unique sloped handle optimizes** the position of your hand for quick hand-over-hand rewinds and allows a more level payout of tape on the backswing while feeding conduit.

**Polypropylene case and handle** are extremely durable and offer the maximum in shock and impact resistance.

**Round inner ring design** provides a smooth, consistent and comfortable surface for winding and rewinding.

## High Strength 1/8" Wide Steel Fish Tapes

**DEPTH  
FINDER™**

### Additional Features:

- **Permanent, laser etched 1' increments on the tape** allow you to more accurately measure the depth of conduit runs and determine the amount of tape left to pay out.
- **Full grip style handle** gives you a firm, steady grip as you pull tape from the case (Cat. Nos. 56000, 56001).
- **The 13" case diameter** means you can reel in 15% more tape in a single revolution than similar sized 12" tapes saving you time and effort (Cat. Nos. 56003, 56004).



56001



56002



56003

Cat. No.	Tape Size	Reel Diameter	Weight (lbs.)
56000	25' L x 1/8" W x .045" H (7 m L x 3 mm W x 1.1 mm H)	7" (178 mm)	1.0
56001	50' L x 1/8" W x .045" H (15 m L x 3 mm W x 1.1 mm H)	7" (178 mm)	1.3
56002	65' L x 1/8" W x .062" H (19 m L x 3 mm W x 1.5 mm H)	9" (229 mm)	2.6
56003	125' L x 1/8" W x .062" H (38 m L x 3 mm W x 1.5 mm H)	13" (330 mm)	4.7
56004	240' L x 1/8" W x .062" H (73 m L x 3 mm W x 1.5 mm H)	13" (330 mm)	7.5



**1' Permanent Laser Etched Descending Increments.**

All dimensions are in inches and (millimeters) unless otherwise specified.

**▲WARNING:** Wear approved eye protection when feeding, pulling or rewinding fish tape.

**▲WARNING:** Never remove screws while fish tape is coiled inside reel.

**▲WARNING:** Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

**▲WARNING:** Use a safe work position to avoid loss of balance when using fish tape.



## High Strength 1/4" Wide Steel Fish Tapes

DEPTH  
FINDER™

Additional Features:

- Permanent, laser etched 1' increments on the tape allow you to more accurately measure the depth of conduit runs and determine the amount of tape left to pay out.
- Tempered, high quality tape keeps its stability as it glides between surfaces for effective pushing and pullings of wire under carpets, through insulated walls and over suspended ceilings.
- 25' length is perfect for short wire runs associated with light commercial, residential and voice-data-video-audio installations (Cat. No. 56005).



56005

56005 Has a No Snag Plastic Tip



1' Permanent Laser Etched Descending Increments.

Cat. No.	Tape Size	Reel Diameter	Weight (lbs.)
56005	25' L x 1/4" W x .030" H (7 m L x 6.3 mm W x .7 mm H)	7" (178 mm)	1.1
56006	100' L x 1/4" W x .062" H (30 m L x 6.3 mm W x 1.5 mm H)	13" (330 mm)	6.8

## High Strength Stainless Steel Fish Tapes

DEPTH  
FINDER™

Additional Features:

- Permanent, laser etched 1' increments on the tape allow you to more accurately measure the depth of conduit runs and determine the amount of tape left to pay out.
- Stainless Steel fish tape is corrosion resistant and extends the life of the tool.
- High strength spring steel fish tapes are stiff for long runs and are great for heavy duty wire pulls.



56008



1' Permanent Laser Etched Descending Increments.

Cat. No.	Tape Size	Reel Diameter	Weight (lbs.)
56007	125' L x 1/8" W x .062" H (38 m L x 3 mm W x 1.5 mm H)	13" (330 mm)	4.7
56008	240' L x 1/8" W x .062" H (73 m L x 3 mm W x 1.5 mm H)	13" (330 mm)	7.5

## Fiberglass Fish Tapes

NAVIGATOR™

Additional Features:

- Designed for flexibility and easy navigation through conduit runs.
- Non conductive, composite fish tape slides easily over existing wires and through multiple bends.
- The lightweight and strong fiberglass composite tape resists harsh elements and is strength rated up to 500 pulling pounds.
- The 13" case diameter means you can reel in 15% more tape in a single revolution vs. a standard 12" case.
- Durable 7" leader helps push through crowded conduit.



Repair kit available (Cat. No. 56115).



56010

Cat. No.	Tape Size	Reel Diameter	Weight (lbs.)
56009	50' L x 3/16" W (7" leader) (15 m L x 4.8 mm W)	13" (330 mm)	2.8
56010	100' L x 3/16" W (7" leader) (30 m L x 4.8 mm W)	13" (330 mm)	3.5

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠ WARNING:** Wear approved eye protection when feeding, pulling or rewinding fish tape.

**⚠ WARNING:** Never remove screws while fish tape is coiled inside reel.

**⚠ WARNING:** Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

**⚠ WARNING:** Use a safe work position to avoid loss of balance when using fish tape.





## Fish Tapes

### Nylon Fish Tapes

Additional Features:

- Designed for flexibility and easy navigation through conduit runs.
- Non conductive, composite fish tape slides easily over existing wires and through multiple bends.
- The lightweight and strong nylon composite tape resists harsh elements and is strength rated up to 200 pulling pounds.
- The 13" case diameter means you can reel in 15% more tape in a single revolution vs. a standard 12" case.

NAVIGATOR™



56012

Cat. No.	Tape Size	Reel Diameter	Weight (lbs.)
56011	50' L x 3/16" W (15 m L x 4.8 mm W)	13" (330 mm)	2.3
56012	100' L x 3/16" W (30 m L x 4.8 mm W)	13" (330 mm)	3.0

### Spiral Steel Fish Tapes

Additional Features:

- Designed for super flexibility and easy navigation through conduit runs.
- Spiral Steel fish tape slides easily over existing wires and through multiple bends.
- The durable spiral steel tape construction yields a maximum pulling force of up to 500 lbs.
- The 13" case diameter means you can reel in 15% more tape in a single revolution vs. a standard 12" case.

NAVIGATOR™



56013

Cat. No.	Tape Size	Reel Diameter	Weight (lbs.)
56013	50' L x 3/16" W (15 m L x 4.8 mm W)	13" (330 mm)	5.1

## Fish Tape Accessories

### Extension Pole – WireSpanner™



56105

- Push/Pull wires over long spans of suspended ceilings, sub-floors, crawl spaces and attics.
- The durable 54" pole quickly and easily telescopes to a maximum of 22' long.
- Each section locks securely into place and will not spin loose or collapse.
- High quality, rigid fiberglass is sturdy, lightweight and slides easily over obstructions.
- Large capacity hook/skid tip pulls multiple wires easily and has a separate eyelet for wire tie-on.

Cat. No.	Description	Collapsed Length	Extended Length	Max. Diameter	Weight (lbs.)
56105	WireSpanner™ installation tool	54" (1.3 m)	22' (6.7 m)	2" (50 mm)	4
56118	WireSpanner™ carry case	-	-	-	0.4

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Wear approved eye protection when feeding, pulling or rewinding fish tape.

**⚠WARNING:** Never remove screws while fish tape is coiled inside reel.

**⚠WARNING:** Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

**⚠WARNING:** Use a safe work position to avoid loss of balance when using fish tape.

## Fish Rods



- Use to install wires above ceilings, through walls and under carpets and raised floors.
- 1/4" diameter Fish Rods are flexible, yet provide excellent rigidity for extended distance stand out.
- Connect individual sections end-to-end to create a variety of lengths.
- Threaded connectors are beveled on both ends to prevent snagging and hang ups on obstructions.
- Sets contain (1ea.) steel "bullnose" and (1ea.) "J" hook accessory for attaching wires.
- Cat. No. 56103 includes (1ea. X 3/16") 5' Glow Rod section to help guide Fish Rods into dark spaces.

56100

Cat. No.	Description	Set Contains	Material	Max. Diameter	Weight (lbs.)
56100	12' (3.6 m) fish rod set	(3ea.) 1/4" x 4' (6.3 mm x 1.2 m) fish rods (1ea.) bull nose attachment (1ea.) hook attachment	fiberglass	1/4" (6 mm)	1.2
56101	24' (7.3 m) fish rod set	(4ea.) 1/4" x 6' (6.3 mm x 1.8 m) fish rods (1ea.) bull nose attachment (1ea.) hook attachment	fiberglass	1/4" (6 mm)	2.2
56103	25' (7.6 m) fish and glow rod set	(5ea.) 1/4" x 4' (6.3 mm x 1.2 m) fish rods (1ea.) 3/16" x 5' (4.8 mm x 1.5 m) glow rod (1ea.) bull nose attachment (1ea.) hook attachment	fiberglass and luminescent rods	1/4" (6 mm)	2.7
56111	10 pc. bulk 4' (1.2 m) fish rods	-	fiberglass	1/4" (6 mm)	.2
56112	10 pc. bulk 6' (1.8 m) fish rods	-	fiberglass	1/4" (6 mm)	.2

## Glow Rods



- Use to install wires above ceilings, through walls and under carpets and raised floors.
- Luminescent rods glow in the dark and are rechargeable in most available light sources.
- 3/16" diameter Glow Rods are extremely flexible to navigate tight bends and narrow openings.
- Connect individual sections end-to-end to create a variety of lengths.
- Threaded connectors are beveled on both ends to prevent snagging and hang ups on obstructions.
- Cat. No. 56109, features 2 permanently affixed bull nose tips and offers the ultimate in flexibility.

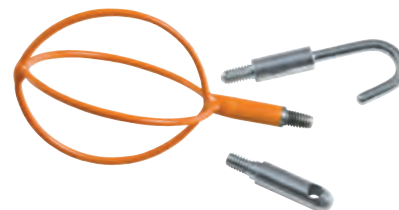
56102

Cat. No.	Description	Set Contains	Material	Max. Diameter	Weight (lbs.)
56102	15' (4.5 m) glow rod set	(3ea.) 3/16" x 5' (4.8 mm x 1.5 m) glow rods (1ea.) bull nose attachment (1ea.) hook attachment	luminescent fiberglass	3/16" (4 mm)	1.0
56109	6' (1.8 m) glow rod	-	luminescent fiberglass	5/32" (3 mm)	.09
56114	10 pc. bulk 5' (1.5 m) glow rods	-		3/16" (4 mm)	.2

## 3-Piece Fish and Glow Rod Attachment Set

- Whisk attachment helps guide rods over obstructions and can roll side-to-side to help "steer" left or right.
- Hook attachment helps grab and retrieve wires or other objects from a distance.
- Compatible with both 1/4" and 3/16" rod sizes.

Cat. No.	Set Contains	Weight (lbs.)
56104	(1ea.) whisk attachment (1ea.) bull nose attachment (1ea.) hook attachment	.1



56104

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Wear approved eye protection when feeding, pulling or rewinding fish tape.

**⚠WARNING:** Never remove screws while fish tape is coiled inside reel.

**⚠WARNING:** Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

**⚠WARNING:** Use a safe work position to avoid loss of balance when using fish tape.



# Fish Tape Accessories

## 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. average breaking strength.

Cat. No.	Description	Container Type	Weight (lbs.)
56108	500' (152 m) poly pull line w/ orange tracer	one-quart size w/locking lid	1
56110	6500' (1981 m) poly pull line with orange tracer	five-gallon bucket	11



56108



56110

## Steel Fish Tape Puller

- Exclusive design improves your grip while pulling all types of flat steel fish tape.
- Rugged metal construction is comfortable in your hand and provides excellent leverage.
- Internal resistance mechanism securely locks fish tape in place for pulling.
- Compatible with 1/8" & 1/4" tape widths and thicknesses of .045", .062" and .030".
- Compact size – fits easily in your pocket or a tool pouch.



50355

Cat. No.	Length	Weight (lbs.)
50355	3-1/4" (83 mm)	.33

## Composite Fish Tape Puller



56106

- Exclusive design improves your grip while pulling round-diameter, composite fish tapes.
- Flexible rubberized construction is comfortable in your hand and provides excellent leverage.
- Wide channel allows you to reposition the Fish Tape quickly and easily.
- Interlocking teeth molded into channel wrap completely around the tape when squeezed.
- Fits conveniently into center of 13" Fish Tape case for easy storage.
- Compatible with 3/16" Nylon, Fiberglass and Spiral Steel tapes.

Cat. No.	Length	Weight (lbs.)
56106	7 - 3/4" (196 mm)	.6

## Steel Fish Tape Swivel Eyelet

- For use with 1/8" 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.	Length	Diameter	Weight (lbs.)
50351	1-1/2" (38 mm)	3/16" (5 mm)	.03



50351

All dimensions are in inches and (millimeters) unless otherwise specified.

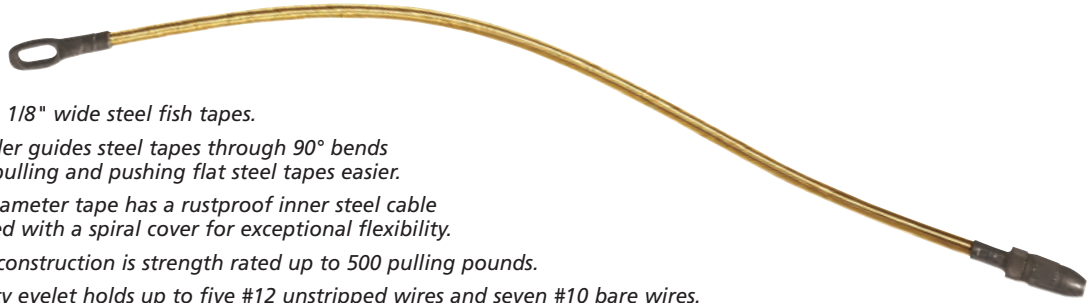
**⚠WARNING:** Wear approved eye protection when feeding, pulling or rewinding fish tape.

**⚠WARNING:** Never remove screws while fish tape is coiled inside reel.

**⚠WARNING:** Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

**⚠WARNING:** Use a safe work position to avoid loss of balance when using fish tape.

## 13" Flexible Leader for Steel Fish Tapes



50350

- For use with 1/8" wide steel fish tapes.
- Flexible leader guides steel tapes through 90° bends and makes pulling and pushing flat steel tapes easier.
- The 3/16" diameter tape has a rustproof inner steel cable core wrapped with a spiral cover for exceptional flexibility.
- Heavy duty construction is strength rated up to 500 pulling pounds.
- High capacity eyelet holds up to five #12 stripped wires and seven #10 bare wires.
- Retrofit instructions included.

Cat. No.	Length	Diameter	Weight (lbs.)
50350	13-1/2" (343 mm)	3/16" (5 mm)	.10

## 6 Loop Wire Pulling Leader



56107

- Save time by attaching leader to the end of a fish tape and pull up to 6 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" flat steel fish tapes.

Cat. No.	Length	Weight (lbs.)
56107	11-1/4" (285 mm)	.2

## Wire and Cable Pulling Lubricant

### One-Quart Premium Synthetic Clear Lubricant

- Klein's Premium Synthetic Clear Lubricant is 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 all types of cable jackets.

Cat. No.	Container	Temperature Use Range	Weight
51028	one-quart squeeze bottle	20° F to 120° F (-5° C to 50° C)	2.3



51028

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Wear approved eye protection when feeding, pulling or rewinding fish tape.

**⚠WARNING:** Never remove screws while fish tape is coiled inside reel.

**⚠WARNING:** Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

**⚠WARNING:** Use a safe work position to avoid loss of balance when using fish tape.





# Wire and Cable Pulling Lubricant

## Premium Synthetic Wax<sup>®</sup>

- Klein's Premium Synthetic Wax Pulling Lubricant is temperature stable and does not liquify and drop off after high temperature exposure.
- Compatible with all types of cable, including low density polyethylene.
- Superior "clingability" coats wires and conduit evenly. Exceptional lubricity.
- Non-staining, slow-drying, easy clean-up formula.



Cat. No.	Container	Temperature Use Range	Weight (lbs.)
51010	one-quart squeeze bottle	20° F to 122° F (-6° C to 50° C)	2.33
51012	one-gallon pail	20° F to 122° F (-6° C to 50° C)	8.75
51013	five-gallon pail	20° F to 122° F (-6° C to 50° C)	44



51010

51012

## Premium Synthetic Polymer<sup>®</sup>

CERTIFIED TO CSA  
STANDARD C22.2 NO. 249-96



- Klein's Premium Synthetic Polymer Pulling Lubricant is an easy-to-apply gel formula that clings instantly to the cable and allows for easy handling and application.
- Compatible with all types of cable, including polyethylene and semi conducting jackets.
- Superior "clingability" coats wires and conduit evenly.
- Non-staining, slow-drying, easy clean-up formula.

Cat. No.	Container	Temperature Use Range	Weight (lbs.)
51015	one-quart squeeze bottle	20° F to 140° F (-6° C to 60° C)	2.33
51017	one-gallon pail	20° F to 140° F (-6° C to 60° C)	8.75
51018	five-gallon pail	20° F to 140° F (-6° C to 60° C)	44



51015

51017

## Premium Synthetic Winter Grade<sup>®</sup>

- Klein's Premium Synthetic Polymer Winter Grade Pulling Lubricant is specifically designed for use in extreme cold weather applications.
- Usable range of -20°F to 120°F and delivers outstanding performance in both freezing and warm weather temperatures.
- Excellent all purpose lubricant for electrical and utility applications.
- Compatible with all types of cable, including polyethylene and semi conducting jackets.
- Non-staining, slow-drying, easy clean-up formula.

Cat. No.	Container	Temperature Use Range	Weight (lbs.)
51020	one-quart squeeze bottle	-20° F to 120° F (-28° C to 48° C)	2.33
51022	one-gallon pail	-20° F to 120° F (-28° C to 48° C)	8.75
51023	five-gallon pail	-20° F to 120° F (-28° C to 48° C)	44



51020

51022

## Premium Synthetic Fiber Optic<sup>®</sup>

- Klein's Polymer Based Fiber Optic Wire Pulling Lubricant is designed to meet the unique requirements of pulling lightweight communication and data network cables.
- Thick gel is easy to hand apply and well suited for overhead conduit and vertical up-runs.
- Compatible with fiber optic, coaxial and other PE cable jacket types.
- Colorless gel will not stain.

Cat. No.	Container	Temperature Use Range	Weight (lbs.)
51025	one-quart squeeze bottle	20° F to 140° F (-6° C to 60° C)	2.33
51027	one-gallon pail	20° F to 140° F (-6° C to 60° C)	8.75



51025

51027

**⚠WARNING:** Do not use wet product on live circuits. Compound is electrically conductive before it dries.

## Side-Cutting Pliers – Fish-Tape Pulling

- Quickly and 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 plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.

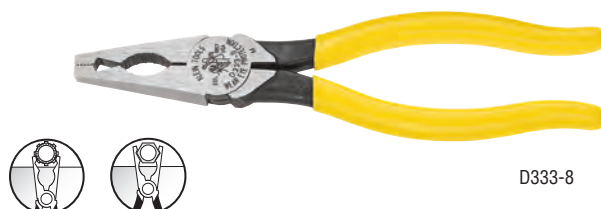


Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NETP	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.06
<b>Journeyman Series – Dual-material handles</b>									
J213-9NETP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.11
<b>2000 Series* – Heavy-duty cutting knives</b>									
D2000-9NETP	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.09
<b>Journeyman 2000 Series* – Dual-material handles</b>									
J2000-9NETP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.14
J2000-9NECRTP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	blue/black	1.13

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

## Conduit Pliers – Locknut and Reaming

- 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 smooths both inside and outside of conduit.
- Knurled jaws at nose tip pull wire or fish tape.
- Machined nose fits snugly into locknut wings.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D333-8	7-3/4" (197 mm)	1-5/8" (41 mm)	15/16" (24 mm)	1/2" (13 mm)	3/16" (4.8 mm)	plastic-dipped	yellow	.55

## Conduit Reamer

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



Cat. No.	Conduit Capacity	Weight (lbs.)
19352	1/2", 3/4", 1"	.16
19351	replacement blade for 19352	.01

**WARNING:** Do NOT use conduit reamer with power tools.

## 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 1/16" hex socket set screw.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
85191	3/8" (10 mm)	2-1/2" (64 mm)	7-1/2" (191 mm)	.55
19353	conduit reamer replacement blade kit			.01

All dimensions are in inches and (millimeters) unless otherwise specified.

**WARNING:** Always wear approved eye protection.

**WARNING:** NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



# AEROHEAD® Conduit Benders

## Features:

### Innovative AEROHEAD® Conduit Bender head

is made from an aerospace grade alloy that is up to 50% stronger and lighter than Ductile Iron.

**Wide foot pedal** provides excellent stability and features angled grooves for extra traction.

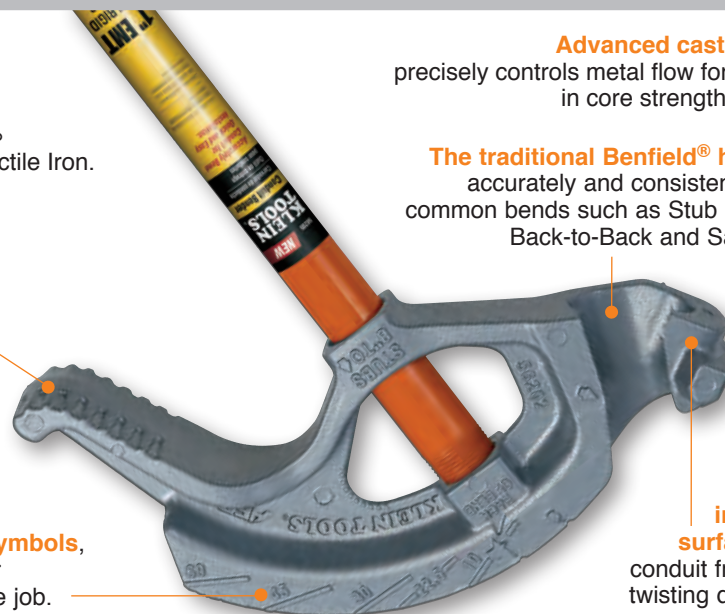


**Bold cast-in benchmark symbols,** degree scales and multiplier scales help save time on the job.

**Advanced casting process** precisely controls metal flow for the ultimate in core strength and ductility.

**The traditional Benfield® head design** accurately and consistently performs common bends such as Stub Ups, Offsets, Back-to-Back and Saddle Bends.

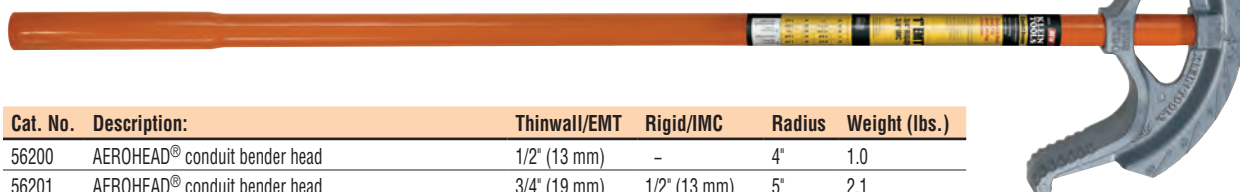
**Cross-cut interior hook surface** prevents conduit from rolling or twisting during bends.



## Conduit Benders AEROHEAD®

### Additional Features:

- High strength steel handle features a swaged end for inserting conduit to correct overbends.
- Orange color handle is easy to spot on the jobsite.



56204

Cat. No.	Description:	Thinwall/EMT	Rigid/IMC	Radius	Weight (lbs.)
56200	AEROHEAD® conduit bender head	1/2" (13 mm)	-	4"	1.0
56201	AEROHEAD® conduit bender head	3/4" (19 mm)	1/2" (13 mm)	5"	2.1
56202	AEROHEAD® conduit bender head	1" (25 mm)	3/4" (19 mm)	7"	3.6
56203	assembled AEROHEAD® conduit bender w/#51427 handle	1/2" (13 mm)	-	4"	4.5
56204	assembled AEROHEAD® conduit bender w/#51428 handle	3/4" (19 mm)	1/2" (13 mm)	5"	5.6
56205	assembled AEROHEAD® conduit bender w/#51429 handle	1" (25 mm)	3/4" (19 mm)	7"	9.6

## Aluminum Conduit Benders

### Aluminum Conduit Benders



56207

- Lightweight die-cast aluminum construction.
- The traditional Benfield® head design accurately and consistently performs common bends such as Stub Ups, Offsets, Back-to-Back and Saddle Bends.
- Bold cast-in benchmark symbols, degree scales and multiplier scales help save time on the job.
- Textured interior hook surface prevents conduit from rolling or twisting during bends.
- Wide foot pedal provides excellent stability and features angled grooves for extra traction.

Cat. No.	Description:	Thinwall/EMT	Rigid/IMC	Radius	Weight (lbs.)
56206	assembled aluminum conduit bender with #51427 handle	1/2" (13 mm)	-	4"	4.4
56207	assembled aluminum conduit bender with #51427 handle	3/4" (19 mm)	1/2" (13 mm)	5"	5.4

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠ WARNING:** Always wear approved eye protection.

## Bender Handles



51427

- 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.
- Each handle features an enlarged diameter hollow end for inserting conduit to correct overbends.
- Bright orange color is easy to spot on the jobsite.

Cat. No.	Description:	Weight (lbs.)
51427	conduit bender handle - 38" L, 3/4" NPT tap size fits #56200 and 56201 bender heads and is replacement handle for #56206 and #56207.	3.5
51428	conduit bender handle - 44" L, 1" NPT tap size fits #56202 bender head.	6.0
51429	conduit bender handle - 54" L, 1-1/4" NPT tap size fits #51206 bender head.	8.9

## 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 or 53726-SEN.

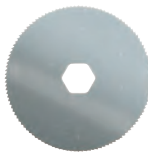
Cat. No.	Length	Weight (lbs.)
53725	7-1/4" (184 mm)	2.00



53725

### BX Cutter Replacement Blade

- Replacement blade for use with Klein Tools cable cutter Cat. No. 53725 or Cat. No. 53725-SEN.



53726

Cat. No.	Weight (lbs.)
53726	.1

## Conduit Scoring Tool

### Electrician's Conduit Scoring Tool

- Patented cutting wheel scores and allows clean conduit snaps without leaving a burr inside.
- Can be used on conduit with wire – no wire damage.
- Used for scoring 1/2" and 3/4" EMT Conduit.
- Easy to use – tighten handle, score the circumference of the conduit, snap the conduit.

Cat. No.	Length	Conduit Diameter	Weight (lbs.)
53730	7" - 8-1/4" (178 mm - 210 mm)	scores 1/2" and 3/4" EMT conduit	2.00

#### Replacement Parts

88901	replacement scoring wheel
-------	---------------------------



53730

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠ WARNING:** Never use on or near live electrical circuits.

**⚠ WARNING:** Always wear approved eye protection.



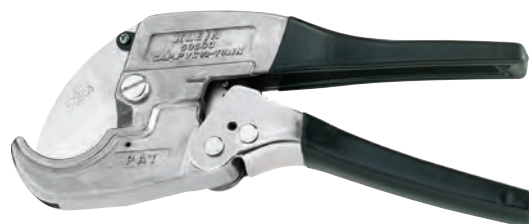


## PVC-Cutters

### Ratcheting PVC-Cutter

- Makes clean, burr-free cuts through PVC.
- High-leverage ratchet-action for maximum cutting power.
- Special heat-treated blades stay sharp longer and reduce pipe deformation.

Cat. No.	PVC Cutting Capacity	Length	Weight (lbs.)
50500	1/2" – 1-1/4"	9" (229 mm)	1.10
50503	50500 replacement blade		.20

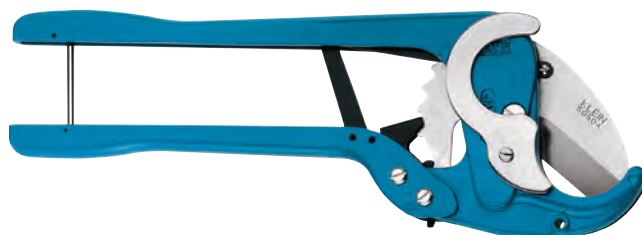


50500

### Large Capacity Ratcheting PVC-Cutter

- Makes clean, burr-free cuts through PVC.
- High-leverage ratchet-action for maximum cutting power.
- Special heat-treated blades stay sharp longer and reduce pipe deformation.

Cat. No.	PVC Cutting Capacity	Length	Weight (lbs.)
50501	1/2" – 2"	16-1/2" (419 mm)	2.60
50504	50501 replacement blade		.55



50501

### 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" O.D. flexible plastic pipe.
- Steel construction for strength.
- Guide helps cut pipe squarely.
- Handle latch keeps tool closed.

Cat. No.	PVC Capacity	Flexible Pipe Capacity	Weight (lbs.)
50506	3/4" (19 mm) schedule 40	1-3/8" (35 mm)	1.00
<b>Replacement Parts</b>			
50549	replacement blade		



50506

## Power-Return Rules

### Offset Tape Stop® – Power-Return Rule

- Quick reference offset markings are printed on the first foot of each side of the blade (front side: three-bend saddle markings; back side: offset markings). See end of tape for complete multiplier formulas.
- Tape Stop® self lock blade automatically locks when pulled out.
- Easy-to-read numbers and innovative markings.
- Dual end hook easily attaches to conduit.
- Comfortable, non-slip rubber grip protects against impact.
- Complete multiplier formulas printed at end of tape.

Cat. No.	Blade Length	Width	Weight (lbs.)
915-26	16' (5 m)	1" (25 mm)	.61



915-26

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** Do NOT use to cut metallic pipes or cable wire.

**⚠WARNING:** Do NOT cut cold PVC.

# Personal Protective Equipment & Safety Products

Klein Tools provides personal protective equipment and safety products to help guard against a wide variety of occupational hazards.

Personal Protective Equipment  
& Safety Products



FOR Professionals... Since 1857®



# Protective Eyewear

## Features:

**Impact resistant polycarbonate lenses** block greater than 99.9% of harmful UVA and UVB radiation up to 400 nanometer.

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.

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 Mil V<sub>0</sub> 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 (lbs.)
60046	black	dark gray	outdoor	normal to bright	Yes	10%	60%	–	No	.15
60047	black	SCT* gray	outdoor	normal to bright	Yes	15%	>85%	<7%	Yes	.15
60049	black	amber	indoor/ outdoor	normal to low	No	90%	–	–	No	.15
60053	black	clear	indoor	normal to low	Yes	92%	–	–	No	.15
60054	royal blue	clear	indoor	normal to low	Yes	92%	–	–	No	.15
60055	black	espresso	outdoor	normal to bright	Yes	15%	60%	<3%	No	.15

## Protective Eyewear – Frameless

### Additional Features:

- Dual nine-base wrap-around lens with integrated side shields provides a clear, unobstructed field of vision and superior coverage.
- Sleek, frameless design is featherlight (22 grams) for all-day comfort.
- Lens inclination adjustment system for a customized fit.
- Molded-in nose bridge provides uncompromised comfort and fit.



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 (lbs.)
60056	black	clear	indoor	normal to low	Yes	92%	–	–	No	.15
60057	black	espresso	outdoor	normal to bright	Yes	15%	60%	<3%	No	.15

**⚠WARNING:** 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.





## 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 Z87.1-2003 and CSA Z94.3.

Cat. No.	Description	Weight (lbs.)
60060	window dimensions: 19-1/2" W x 6-1/2" H (495 mm x 165 mm)	1.45

All dimensions are in inches and (millimeters).



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.



60080

Cat. No.	Description	Weight (lbs.)
60080	box of 50 disposable dust masks	.01

**⚠WARNING:** These masks are NOT SUITABLE for use against toxic or hazardous air contaminants. If there is any doubt, consult an industrial hygienist.

## Protective Goggles

- General-purpose cover-type protective goggles of soft vinyl plastic.
- Fits easily over personal glasses.
- Top and bottom edges perforated for direct ventilation.
- Lightweight adjustable elastic strap.
- Meets ANSI Z87.1-2003 and CSA Z94.3.



60040

Cat. No.	Description	Weight (lbs.)
60040	clear, one-piece .060" acetate lens	.25

## 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. Requires 61970 universal slot adapter.



Available in three colors



60010

Cat. No.	Description	Color	Weight (lbs.)
60009	Hard cap	white	.85
60010	Hard cap	yellow	.85
60011	Hard cap	blue	.85

Cat. No.	Description	Weight (lbs.)
<b>Hoodliner</b>		
60015	winter hard-cap liner, one size fits all	.15
<b>Face Shield</b>		
60060	full face shield	1.45

**⚠WARNING:** 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.





# Hard Hats & Caps

## V-Gard® Cap and Hat

- Polyethylene shell with 4-point Fas-Trac® ratcheting suspension.
- Standard size fits head sizes 6 - 8.
- Cap and Full-Brim Hat style available.
- Three branding choices: plain front, Klein Tools Lineman Logo, Klein Tools Standard Logo.
- Three color choices: White, Yellow, and Blue.
- Type I helmet meets or exceeds ANSI Z89.1-2003 and CSA Z94.1-2005 specifications for Class E.
- Third Party Certified by Safety Equipment Institute.
- Full line of accessories designed specifically for the V-Gard® Cap and Hat are available.

V-Gard® and Fas-Trac® are registered trademarks of MSA, the safety company.







60031



60023

Available in three colors



Front Logo	none								
Style	Cat. No	Color	Weight (lbs.)	Cat. No.	Color	Weight (lbs.)	Cat. No.	Color	Weight (lbs.)
	60016	white	.86	60019	white	.86	60022	white	.86
	60018	blue	.86	60021	blue	.86	60023	yellow	.86
	60028	white	.95	60031	white	.95	60034	white	.95
	60030	blue	.95	60033	blue	.95	60036	blue	.95
Back Logo	All V-Gard helmet backs contain the Klein logo with American flag (pictured blue hard hat in square). 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.
- Full line of accessories designed specifically for the Advance® Cap.



60027

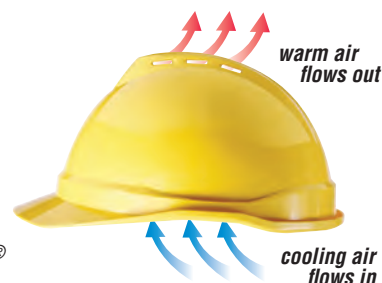
Available in three colors



Cat. No.	Color	Weight (lbs.)
60025	white	.84
60027	blue	.84

All Advance® cap backs contain the Klein logo with American flag (pictured blue hard hat in square). Logo color varies depending on shell color.

Glaregard™ is a trademark of, and Advance®, Fas-Trac® are registered trademarks of MSA, the safety company.



### Scope of Z89.1 - 2003 American National Standard for Head Protection

The most recent standard was approved in July 2003 and continues to cover requirements for two types of impact-resistant helmets:

**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. The new standard's performance requirements for Type I and Type II Helmets are equivalent to those specified in the 1998 revision.

#### 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. The electrical performance requirements in the 2003 standard are identical to those in the 1997 standard.

**⚠ WARNING:** 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.



## Hard Hats & Caps

### Skullgard® – Cap and Hat



60038

- Heavy-duty construction for use in steel mills and other heavy industries where elevated temperatures are common.
- Resin shell with 4-point Fas-Trac® ratcheting suspension.
- Standard size fits head sizes 6 - 8.
- Cap and hat styles available.
- Branding is not available.
- Traditional tan color.
- Type I helmet meets or exceeds ANSI Z89.1-2003 and specifications for Class G.
- Third Party Certified by Safety Equipment Institute.
- Full line of accessories available that are designed specifically for the Skullgard® cap and hat.

Cat. No.	Type	Color	Weight (lbs.)
60038	hat	tan	1.03

Skullgard® is a registered trademark of MSA, the safety company.

### Western Outlaw Hat



60039

- Wide brim provides protection from the sun, rain, heat, and glare.
- Comfortable Western style design.
- 4-point ratcheting suspension.
- Standard size comfortably fits head sizes up to 7-1/4.
- Type I helmet meets or exceeds ANSI Z89.1-2003 and specifications for Class E.
- Branding: Klein Tools logo on the front of the hat.
- Classic tan color.
- Accessories not available.

Cat. No.	Type	Color	Weight (lbs.)
60039	Western Hat	tan	1.24

### V-Gard®, Advance® and Skullgard® Accessories

Cat. No.	Description	Weight (oz.)
<b>Replacement Suspension - Standard Size</b>		
59979	Skullgard® Cap Fas-Trac® – 4-point ratcheting	3.9
<b>Defender® + Faceshield Frames</b> (All frames meet Z87.1-2003)		
59985	Plus Universal Foldback Frame-dielectric for caps	2.9
59986	Plus Universal Foldback Frame-dielectric for hats	3.2
<b>Visors</b> (All visors meet Z87.1-2003, Arc Shields meet NFPA 70E, Class 2)		
59990	Arc Shield Visor - tinted (light green) HIGH-IMPACT 10" x 20" x 0.60" propionate complete w/ chin guard, 14 Cal – Z87 Basic Impact	9.5

V-Gard®, Advance®, Fas-Trac®, and Defender® are registered trademarks of MSA, the safety company. Thinsulate™ is a trademark of 3M. Accessories sold separately.



59990

## Accessories



**⚠ WARNING:** 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.

# Journeyman™ Gloves

## Utility Gloves

**JOURNEYMAN**

- Supple, breathable, durable synthetic leather palm added for firm grip.
- Two-way stretch spandex padded top features form-fitting elasticity.
- Reinforced thumb, index finger and fingertips add protection.
- Concealed interior seam stitching prevents snagging.
- Wide opening elastic cuff features an easy entry design.
- Contact points on index finger and thumb feature smooth surface for improved handling of objects.

	Medium	Large	Extra-Large	Weight (lbs.)
Cat. No.	40052	40053	40054	.25



40052

## Framer Gloves

**JOURNEYMAN**

- Fingerless design on thumb, index and middle finger provides increased sensitivity for handling wire connectors, screws, nails and small parts.
- DURA-FIT™ synthetic leather palm offers maximum comfort and durability.
- Non-slip rubberized Zeus™ Clarino® finger grippers improve grip and control.
- Lycra® panels between fingers add comfort and ventilation.
- Easy-entry Neoprene cuff ventilates and increases comfort.
- Thermal Plastic Rubber (TPR) cuff strap with hook and loop closure.

	Medium	Large	Extra-Large	Weight (lbs.)
Cat. No.	40057	40058	40059	.28

Zeus™ Clarino® and DURA-FIT™ are trademarks of Kuraray Co., Ltd.  
Lycra® is registered trademark of INVISTA for premium stretch fiber and fabric.



40057

## Heavy-Duty Protection Gloves

**JOURNEYMAN**

- Streamlined high-density accordion knuckle panel reduces impact.
- High profile, impact absorbing molded Thermal Plastic Rubber (TPR) finger protection.
- Non-slip rubberized Zeus™ Clarino® finger and thumb grippers and panel on heel of hand provide grip control and longer wear.
- Synthetic leather with breathable mesh side-insert finger panels for comfort and flexibility.
- Two-ply synthetic leather palm with anatomically die cut Ethylene Vinyl Acetate (EVA) foam padded impact zones.
- Thermal Plastic Rubber (TPR) cuff strap with hook and loop closure.
- Neoprene cuff allows easier access with additional wrist protection and comfort.

	Medium	Large	Extra-Large	Weight (lbs.)
Cat. No.	40062	40063	40064	.46

Zeus™ Clarino® is a trademark of Kuraray Co., Ltd.



40062

## Leather Work Gloves

**JOURNEYMAN**

- Genuine Goatskin professional-grade leather offers the finest in comfort and protection.
- Two-way form-fitting spandex top increases ventilation, comfort and fit.
- Molded Thermal Plastic Rubber (TPR) ribs offer flexible protection for back of hand and fingers.
- Lightly padded palm for increased grip and comfort.
- Easy-entry elastic cuff ventilates and increases comfort.
- Stretch knuckle with Ethylene Vinyl Acetate (EVA) foam padding.
- Thermal Plastic Rubber (TPR) cuff strap with hook and loop closure.

	Medium	Large	Extra-Large	Weight (lbs.)
Cat. No.	40067	40068	40069	.30



40067

**⚠WARNING:** Not flameproof or fire retardant. DO NOT expose to open flame or sparks.





## Deerskin Work Gloves

- Premium deerskin, 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 (lbs.)
40020	small	.20
40021	medium	.22
40022	large	.23
<b>Lined – Pile Lining</b>		
40016	medium	.36
40017	large	.38
40018	extra large	.41



40022

## Cowhide Driver's Gloves

- Tough, durable, sueded cowhide leather.
- Easy-action thumb – unique design allows leather to conform to your thumb and hand.
- Gunn cut with seams away from wear surfaces.
- Lap-seam index finger and shirred-elastic wrist back.
- Gray color.

Cat. No.	Size	Weight (lbs.)
40003	small	.30
40004	medium	.40
40006	large	.43



40006

## Cowhide Driver's Gloves – Lined

- Tough, durable, sueded cowhide leather.
- Thermolite® lining for warmth.
- Gunn cut with seams away from wear surfaces.
- Shirred-elastic wrist for snug fit.
- Gray color.

Cat. No.	Size	Weight (lbs.)
40014	large	.47
40015	extra large	.51

Thermolite® is a registered trademark for INVISTA certified performance fabrics containing proprietary INVISTA fibers and, in some cases, other companion fibers.



40014

## Medium-Cuff Gloves

- Heavy sueded leather.
- Full leather fingers, palm, and pull.
- Gunn cut with seams away from wear surfaces.
- Wing thumb, seamless index finger, elastic wrist-back strap.
- Rubberized, waterproof cuff 2-1/2" (63.5 mm) long.
- Palm and fingers have sewn-in lining.
- Pearl-gray leather, striped-blue cuff.

Cat. No.	Size	Weight (lbs.)
40008	large	.48



40008





# Gloves

## Electrician's Gloves

**NEW!**

- 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 (lbs.)
40072	large	.46
40074	extra-large	.48



40072

## Lineman Work Gloves

**NEW!**

- 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 (lbs.)
40080	medium	.46
40082	large	.51
40084	extra-large	.55
40086	extra-extra-large	.59



40082

## Long-Cuff Gloves

- Soft, flexible, top-grain cowhide leather.
- Leather fingers, palm, pull, and knuckle strap.
- 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.
- Light-gray leather, striped-blue cuff.

Cat. No.	Size	Weight (lbs.)
40010	large	.59
40012	extra-large	.68



40010



## Heavyweight Jersey Gloves

- Soft, comfortable, general-purpose gloves.
- Made of 100% cotton jersey.
- Cat. No. 40002 has a knit wrist.
- Cat. No. 40001 has a fleece lining and an open cuff.
- Dark-brown color.

Cat. No.	Size	Weight (lbs.)
40002	fits most hand sizes	.15
40001	lined version – fits most hand sizes	.16



40002

## 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 (lbs.)
45200	1" (25 mm)	.200
45201	1-1/2" (38 mm)	.250



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, heavy-gauge (4 mil) polyethylene.
- Highly resistant to acids, alkalis, and other soil components.
- Tapes are 3" (76 mm) wide, and are available in either 200' or 1000' rolls.

Cat. No.	Description	Width	Length	Weight (lbs.)
58000	CAUTION – CAUTION legend with black letters on bright-yellow background	3" (76 mm)	200' (61 m)	.900
58001	CAUTION – CAUTION legend with black letters on bright-yellow background	3" (76 mm)	1000' (305 m)	3.600
58002	CAUTION – BURIED ELECTRIC LINE legend with black letters on bright-red background	3" (76 mm)	200' (61 m)	.800
58003	CAUTION – BURIED ELECTRIC LINE legend with black letters on bright-red background	3" (76 mm)	1000' (305 m)	3.500



58000



# TRUST

You've earned your customers' trust through years of dependability and performance on the job. Your customers count on you. And you need tools you can count on. You can trust in Klein for all of your hand tool needs.

*Terry Malone*  
Electrician  
3 Years

**KLEIN TOOLS**

For Professionals...Since 1857®

Lincolnshire, IL U.S.A.  
[www.kleintools.com](http://www.kleintools.com)

Professionals Are Known By The Tools They Own®

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# Tool Pouches, Carriers, Belts & 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.

Tool Pouches, Carriers,  
Belts & Suspenders



FOR Professionals... Since 1857®





## Tool Pouches

### 7-Pocket Tool Pouch

- Soft, pliable, white leather.
- Riveted to assure long life.
- Heavy-duty chain tape thong securely fastened with a rivet.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5166	7	chain tape thong	tunnel	2-1/4" (57 mm)	7" x 9-1/2" (178 mm x 241 mm)	.92



5166

### 8-Pocket Tool Pouch

- Soft, pliable, white leather.
- Roomy pouch for electricians and maintenance workers.
- Riveted and stitched for extra durability.
- Heavy-duty chain tape thong securely fastened with a rivet.
- Stainless steel clip holder accepts most tape clips up to 1-1/4" wide.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5178	8	knife snap, chain tape thong, metal tape measure holder	tunnel	2-1/2" (64 mm)	11" x 10" (279 mm x 254 mm)	1.03



5178

### Single-Pocket Tool Pouch

- 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 (Total Number)	Overall Size	Weight (lbs.)
5111	1	4-1/2" x 7" (114 mm x 178 mm)	.23

### 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 Capacity	Length	Width	Depth	Weight (lbs.)
5140K	latigo thongs	up to 3" (76 mm) wide	7" (178 mm)	9" (229 mm)	3-1/4" (83 mm)	.65

### 3-Pocket Utility Pouch

- Leather construction.
- Features 1" (25 mm) reinforced gusset.
- Has 2" (51 mm) outside pockets.
- Riveted for extra durability.

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5145	3	tunnel	1" (25 mm)	5-1/4" x 7" (133 mm x 178 mm)	.46



5145

All dimensions are in inches and (millimeters).



## 4-Pocket Tool Pouch

- *Leather construction.*
- *Riveted and stitched for extra durability.*

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5119	4	knife snap	slotted	2" (51 mm)	6-1/2" x 8-1/2" (165 mm x 216 mm)	.39



5119

## 5-Pocket Tool Pouches

- *Cat. No. 5125 is constructed of #4 canvas, leather back, pockets and loops.*
- *Cat. No. 5125L is constructed of leather.*
- *General-purpose pouches.*
- *Heavy-duty chain tape thong securely fastened with a rivet.*
- *Riveted and stitched for extra durability.*



5125



5125L

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5125	5	leather tape thong	loops	2-1/4" (57 mm)	7-1/2" x 8-1/2" (191 mm x 216 mm)	.63
5125L	5	leather tape thong	loops	2-1/4" (57 mm)	7-1/2" x 8-1/2" (191 mm x 216 mm)	.75

## 5-Pocket Tool Pouch

- *Leather construction.*
- *Riveted to assure long life.*

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5126	5	knife snap	slotted	2" (51 mm)	6" x 8-3/4" (152 mm x 222 mm)	.74



5126



# Tool Pouches

## 6-Pocket Tool Pouches

- *Leather construction.*
- *Riveted to assure long life.*

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5127	6	knife snap	slotted	2" (51 mm)	7" x 10" (178 mm x 254 mm)	.79
5127T	6	knife snap	tunnel	2-1/2" (64 mm)	7" x 10" (178 mm x 254 mm)	.87



5127



5127T

## 8-Pocket Extra-Capacity Tool Pouch

- *Leather construction.*
- *Extra-capacity multi-purpose pouch.*
- *Stitched and riveted.*

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5162T	8	knife snap, leather tape thong	tunnel	3" (76 mm)	8-1/2" x 10-3/4" (216 mm x 273 mm)	1.71



5162T

## 8-Pocket Tool Pouches

- *Leather construction.*
- *Riveted to assure long life.*

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5164	8	knife snap	slotted	2" (51 mm)	6-3/4" x 9-3/4" (171 mm x 248 mm)	1.16
5164T	8	knife snap	tunnel	2-1/2" (64 mm)	6-3/4" x 9-3/4" (171 mm x 248 mm)	1.21



5164



5164T



## 10-Pocket Tool Pouch

- Leather construction.
- Riveted and stitched.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5165	10	knife snap	slotted	2" (51 mm)	10" x 10" (254 mm x 254 mm)	1.26



5165

## 10-Pocket Tool Pouch

- Leather construction.
- Versatile pouch favored by many telephone installers.
- Riveted throughout to assure long life.
- Ten separate compartments with places for a wide variety of pliers, screwdrivers, and other tools.
- Slotted-leather tape thong (allows easy removal of 1" I.D. tape rolls).

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5190	10	leather tape thong	slotted	1-3/4" (44 mm)	6" x 8-3/4" (152 mm x 222 mm)	.75



5190

## 11-Pocket Tool Pouch

- Leather construction.
- Multi-pocketed pouch made for electricians and other professionals.
- Riveted and stitched.
- Stainless steel clip holder accepts most tape clips up to 1-1/4" wide.
- Heavy-duty chain tape thong securely fastened with a rivet.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5167	11	knife snap, chain tape thong, metal tape measure holder	slotted	2-3/4" (70 mm)	10" x 10-1/2" (254 mm x 267 mm)	1.43



5167

## 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

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Depth	Weight (lbs.)
5146	belt strap	up to 3" (76 mm) wide	9" (229 mm)	8" (203 mm)	3" (76 mm)	.60

## Leather Bolt Bag

- Split-leather construction.
- Bolt bag with bull-pin loop on each side.



42247

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Depth	Weight (lbs.)
42247	tunnel	up to 3" (76 mm) wide	5" (127 mm)	8-1/2" (216 mm)	8-1/2" (216 mm)	.75





## Tool Pouches

### Extra-Large Canvas Utility Bag

- Heavy No. 8 natural canvas.
- Includes interior pocket.
- Inside bottom is reinforced with cushion leather & 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 Capacity	Length	Width	Depth	Weight (lbs.)
5141P	loops	up to 3" (76 mm) wide	10" (254 mm)	12" (305 mm)	5" (127 mm)	.88



5141P

### Canvas Utility Bags

- Heavy No. 8 natural canvas.
- Top edge reinforced with 1/4" (6 mm) rope.
- Metal snaps provided on loops for easy attachment to belts up to 3" (76 mm) wide.
- Inside bottom is reinforced with cushion leather & ventilating eyelet.
- Cat. No. 5142P version includes interior pocket.

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Top Diameter	Weight (lbs.)
5142	loops	up to 3" (76 mm) wide	9" (229 mm)	10" (254 mm)	8" x 3" (203 mm x 76 mm)	.60
5142P	loops	up to 3" (76 mm) wide	9" (229 mm)	10" (254 mm)	8" x 3" (203 mm x 76 mm)	.65



5142

### 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 Capacity	Length	Width	Top Diameter	Weight (lbs.)
5179	loops	up to 4-1/2" (114 mm) wide	7-1/2" (191 mm)	3-1/2" (89 mm)	7" (178 mm)	.30
5179S	snap	up to 4-1/2" (114 mm) wide	7-1/2" (191 mm)	3-1/2" (89 mm)	7" (178 mm)	.30



5179S



5179

### Bull-Pin and Bolt Bags

- No. 4 canvas or split-leather with double bottom.
- Bolt bag with bull-pin loop on each side.

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Depth	Weight (lbs.)
<b>Canvas</b>						
5416	loops	up to 3" (76 mm) wide	5" (127 mm)	9" (229 mm)	10" (254 mm)	.85
5416T	tunnel	up to 3" (76 mm) wide	5" (127 mm)	9" (229 mm)	10" (254 mm)	.90
<b>Leather</b>						
5416L	tunnel	up to 3" (76 mm) wide	5" (127 mm)	9" (229 mm)	10" (254 mm)	1.10



5416



5416L

All dimensions are in inches and (millimeters).



## 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 (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
42241	6	2 hammer loops	tunnel	3" (76 mm)	11" x 11-3/4" (279 mm x 298 mm)	.86



42241

## Tool Combination Aprons

### One-Piece Nail/Screw and Tool-Pouch Apron

- 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 metal buckle.



42242

Cat. No.	Pockets (Total Number)	Size Adjustable	Weight (lbs.)
42242	10	32" – 48" (813 mm – 1219 mm)	1.81

### 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.
- Heavy-duty 2" (51 mm) wide polypropylene web belt has rugged metal buckle.
- Tape-rule holder for 20' and 25' tape measures with belt clips.
- Heavy hammer loops.



42244

Cat. No.	Description	Weight (lbs.)
42244	complete combination: belt (Cat. No. 5225 mm), left-hand (Cat. No. 42246 mm) and right-hand (Cat. No. 42245 mm) nail-and-tool pouches, and tape-rule holder (Cat. No. 5195 mm)	2.02
42245	right-hand nail-and-tool pouch only. Tunnel loop fits any belt up to 3" (76 mm) width.	.70
42246	left-hand nail-and-tool pouch only. Tunnel loop fits any belt up to 3" (76 mm) width.	.72
5225	poly-web belt only. Adjustable from 32" (813 mm) to 48" (1219 mm). Tunnel loop fits any belt up to 3" (76 mm) width.	.42
5195	tape-rule holder only for 20' and 25' tapes.	.18

All dimensions are in inches and (millimeters).

**⚠ WARNING:** The tool belts shown on this page are not occupational protective belts.



## Tool Holders

### Scissors Holder – Tunnel

- Leather construction.
- Designed for Klein electrician's scissors, industrial shears, snips and bent trimmers.
- Riveted and stitched for extra durability.



5100S

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5100S	tunnel	up to 2" (50.8)	Small	2.3
5100M	tunnel	up to 2" (50.8)	Medium	3.2
5100L	tunnel	up to 2" (50.8)	Large	4.0

### Scissors Holder – Slotted

- Leather construction.
- Riveted with clip on back for attaching to belt.
- Designed to hold Klein electrician's scissors, Cat. Nos. 2100-5 and 2100-7.
- Riveted to assure long life.



5101

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5101	metal clip	up to 1-1/2" (38 mm)	2" x 7" (51 mm x 178 mm)	.11

### Scissors and Cable-Splicer's Knife Holders

- 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.
- Riveted and stitched for extra durability.



5187

5187T

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5187	slotted	up to 2-1/4" (57 mm)	2" x 7-1/4" (51 mm x 184 mm)	.11
5187T	tunnel	up to 2-1/4" (57 mm)	2" x 7-1/4" (51 mm x 184 mm)	.13

### Lineman's Knife Holder

- 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	Overall Size	Weight (lbs.)
5163	slotted	up to 2" (51 mm)	3-1/2" x 9-3/8" (89 mm x 238 mm)	.21

### Knife Holder

- Leather construction.
- Designed for utility knives and Klein Cat. Nos. 44100 and 44105.
- Corners riveted and stitched for extra durability.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5185	slotted	up to 2-1/2" (64 mm)	2-5/8" x 8-1/4" (67 mm x 210 mm)	.11



5185

### Cable-Splicer's Knife Holders

- Leather construction.
- Designed to hold Cat. No. 44200 cable-splicer's knife.
- Riveted and stitched for extra durability.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5188	slotted	up to 2-1/4" (57 mm)	2-1/8" x 7-3/4" (54 mm x 197 mm)	.08
5188T	tunnel	up to 2-1/4" (57 mm)	2-1/8" x 7-1/4" (54 mm x 184 mm)	.11



5188

5188T

All dimensions are in inches and (millimeters).



## Pliers Holders – Open Bottom

- Leather construction.
- Long-nose pliers may protrude through opening at bottom.
- 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	Overall Size	Weight (lbs.)
5107-6	slotted	up to 2" (51 mm)	3-1/2" x 8-1/2" (89 mm x 216 mm)	.17
5107-9	slotted	up to 2" (51 mm)	3-3/4" x 11" (95 mm x 279 mm)	.26

## Pliers Holder – Closed Bottom

- 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", 8", or 9" side-cutting pliers.



5112

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5112	slotted	up to 2" (51 mm) wide	3-1/4" x 11" (83 mm x 279 mm)	.21

## Pliers, Folding Rule, Screwdriver, and Wrench Holder

- Leather construction.
- No exposed rivets in back.
- Riveted to assure long life.
- Pockets for 7", 8", and 9" side-cutting pliers, most screwdrivers, 6' folding rules, and open-end wrenches from 9/16" to 13/16".
- Nickel plated alloy snap.



5118C

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5118C	4	slotted	up to 2" (51 mm)	6-1/2" x 11" (165 mm x 279 mm)	.78

## Pliers, Rule, and Screwdriver Holders

- Leather construction.
- 3 pockets for pliers, folding rule, and screwdriver.
- S5118PRS has a two-way knife snap.
- Riveted to assure long life.
- Pockets for 7", 8", and 9" side-cutting pliers, most screwdrivers, 6' folding rules, and open end wrenches from 9/16" to 13/16".



5118PRS

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5118PRS	slotted	up to 2" (51 mm)	6-3/4" x 10" (171 mm x 254 mm)	.49
S5118PRS	slotted	up to 2" (51 mm)	6-3/4" x 10" (171 mm x 254 mm)	.56

## 4 and 5 Pocket Pouches – Lineman's Pouches

- 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' folding rule and open ended wrenches.



5118P4



5118P5

Cat. No.	Pockets (Total No.)	Belt Connection	Approx. Overall Size	Weight (lbs.)
5118P5	5	rivet hole	10" x 11" (254 mm x 279 mm)	1.13
5118P4	4	rivet hole	8" x 11" (203 mm x 279 mm)	.91





# Tool Holders

## Pliers and Folding Rule Holders

- Leather construction.
- Riveted to assure long life.
- Pockets for 7", 8", or 9" side-cutting pliers and 6-ft. folding rule.

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5118R	2	slotted	up to 2" (51 mm)	4-3/4" x 8" (121 mm x 203 mm)	.43
5118RT	2	tunnel	up to 3-3/4" (95 mm)	4-1/2" x 12-1/2" (114 mm x 318 mm)	.50



5118R

5118RT

## Pliers and Screwdriver Holder

- Leather construction.
- Riveted to assure long life.
- Pockets for 7", 8", or 9" side-cutting pliers and most screwdriver sizes.

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5118S	2	slotted	up to 2" (51 mm)	4-1/4" x 10-3/4" (108 mm x 273 mm)	.35



5118S

## Hammer Holders

- Leather construction.
- Heavy-metal hammer loop riveted to panel.
- Riveted and stitched for extra durability.
- Holds all hammers except lineman's.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5456	slotted	up to 2-1/2" (64 mm)	4-5/16" x 7-7/8" (110 mm x 200 mm)	.33
5456T	tunnel	up to 4" (102 mm)	4-5/16" x 10" (110 mm x 254 mm)	.42
5456TS	tunnel	up to 4" (102 mm)	4-5/16" x 10" (110 mm x 254 mm)	.42



5456

5456T

5456TS

## Flashlight Holder

- Leather construction.
- Designed for a standard two-cell flashlight.
- Riveted to assure long life.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5129	slotted	up to 2-1/4" (44 mm)	3" x 9-1/2" (76 mm x 241 mm)	.22



5129



## Tape-Rule 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.

Cat. No.	Description	Overall Size	Weight (lbs.)
5194	small	4" x 6" (102 mm x 152 mm)	.16
5195	medium	4-1/2" x 7" (114 mm x 178 mm)	.18
5196	large	5" x 7" (127 mm x 178 mm)	.21

### Klein Tape-Rule Sizing Guide

Small	Medium	Large
908-12	908-16	908-25
	915-26	908-7.5ME
	917-16	908-30
	918-16RE	916-25RE
	925-16	916-7.5ME-RE
		916-30RE
		917-25
		917-7.5ME
		918-25RE
		918-7.5ME-RE
		918-30RE
		925-25
		925-7.5ME
		928-25HV



5195

## Erection Wrench Holder

- Cotton web tunnel loop and leather construction.
- Holds two erection wrenches.
- Riveted to assure long life.
- Holds erection wrenches and adjustable head construction wrench Cat. No. 3239.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5461T	cotton web tunnel	up to 2" (51 mm)	6" x 10" (152 mm x 254 mm)	.26



5461T

## Bull-Pin Holders

- Leather construction.
- Holders for Klein bull pins.
- Riveted to assure long life.
- Holds all standard bull pins.



5417

5417T

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5417	slotted	up to 2" (51 mm)	3-1/4" x 11" (83 mm x 279 mm)	.22
5417T	tunnel	up to 3-1/2" (89 mm)	3-1/4" x 12-1/4" (83 mm x 311 mm)	.32

## Erection Wrench Holders

- Leather construction.
- Has tool slots for two erection wrenches.
- Tunnel loop on Cat. No. 5459T is riveted to assure long life.
- Holds erection wrenches and adjustable head construction wrench Cat. No. 3239.



5460

5459T

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5460	slotted	up to 2" (51 mm)	6" x 8-1/2" (152 mm x 216 mm)	.19
5459T	tunnel	up to 3-1/2" (89 mm) or to slide over D-rings, buckles, and other accessories	6" x 9-1/2" (152 mm x 241 mm)	.32

## Tape Thong

- Leather strap with fiber bar.
- Fits all standard electrical tape rolls.

Cat. No.	Belt Connection	Length	Weight (lbs.)
5130	slotted	12" (305 mm)	.03



5130

All dimensions are in inches and (millimeters).



## Tool Holders

### Tie-Wire Reel Pad

- Worn on the belt under the Klein tie-wire reel.
- 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.
- Holds Cat. No. 27400 tie-wire reel.
- To be used with Cat. Nos. 5415 or 5420 belts.

Cat. No.	Length	Width	Weight (lbs.)
27450	7" (178 mm)	7" (178 mm)	.300

Tie-wire reel available on page 204. Ironworker's heavy-duty tie-wire belts available on page 161.



27450

### Two-Way Knife Snap

- Leather construction.
- Screw-type rivets for easy attachment to belts.



5131

Cat. No.	Belt Connection	Length	Weight (lbs.)
5131	screw rivets	4-1/2" (114 mm)	.10

### Snap Loop

- 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.



5458

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5458	slides on	up to 4" (102 mm)	1-1/2" x 8-1/2" (38 mm x 216 mm)	.15

## Tool Guards

### Axe Guard



5509

- 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.

Cat. No.	Description	Weight (lbs.)
5509	axe guard	.22

### Splitting-Knife Guards

- Leather construction.



5574L



5574S

Cat. No.	Description	Weight (lbs.)
5574L	leather splitting or chipping-knife guard. Fits Klein knife, Cat. No. 1515-1	.13
5574S	leather splitting or chipping-knife guard. Fits Klein knife, Cat. No. 1515-S	.05



## Features:

Constructed of double layered 1000 denier Cordura® Nylon.

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.

**PowerLine™ Series**

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

**PowerLine™ Series**



5700



5701



5702



5703

Cat. No.	Pockets (Total Number)	Overall Size	Weight (lbs.)
5700	9	11" x 12" (279 mm x 305 mm)	.92
5701	8	11" x 12" (279 mm x 305 mm)	.83
5702	2	11" x 12" (279 mm x 305 mm)	.64
5703	3	11" x 12" (279 mm x 305 mm)	.75
5718	8	11" x 12" (279 mm x 305 mm)	.74
5719	19	11" x 12" (279 mm x 305 mm)	.87

Cordura® is a registered trademark of INVISTA for durable fabrics.



5718



5719

All dimensions are in inches and (millimeters).

Tool Pouches, Carriers, Belts & Suspenders





## PowerLine™ Series

### Closeable Pouch

**PowerLine™  
Series**



5714

Additional Feature:

- Closeable pouch helps protect supplies and tools.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5714	tunnel	up to 2-1/4" (57 mm)	7-1/2" x 6-3/4" (190 mm x 171 mm)	.24

### Hammer Holder

**PowerLine™  
Series**



5706

Additional Feature:

- Heavy-metal hammer loop riveted for strength.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5706	tunnel	up to 2-1/4" (57 mm)	4-1/8" x 5" (105 mm x 127 mm)	.19

### Tape Measure Holder

**PowerLine™  
Series**



5707

Additional Features:

- Holds most tape measures with belt clips.
- Stainless steel clip holder accepts most tape clips up to 1-3/4" wide.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5707	tunnel	up to 2-1/4" (57 mm)	4-1/8" x 3-3/4" (104 mm x 95 mm)	.10

### Multi-Purpose Holder

**PowerLine™  
Series**



5708

Additional Feature:

- Holds a flashlight, cellular phone, or electrical tester.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5708	tunnel	up to 2-1/4" (57 mm)	3-1/4" x 8-1/2" (83 mm x 216 mm)	.13

### Tape Measure Pouch

**PowerLine™  
Series**



5712

Additional Features:

- Holds most 35-foot tape measures, fasteners, nails, or wire nuts.
- Two inside elastic loops fit screwdrivers, pencils, markers, etc.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5712	tunnel	up to 2-1/4" (57 mm)	8-1/4" x 4-1/2" (210 x 114 mm)	.24

### Flashlight Holder

**PowerLine™  
Series**



5713

Additional Features:

- Accommodates most "D" cell size battery flashlights up to 1-7/8" in diameter.
- Heavy-duty, 1-1/2" wide nylon webbing for extra strength.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5713	tunnel	up to 2-1/4" (57 mm)	4-1/4" x 2-3/8" (108 mm x 60 mm)	.06



## Utility Knife Holder **PowerLine™ Series**

Additional Feature:

- Holds standard utility knife or other small tools.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5716	tunnel	up to 2-1/4" (57 mm)	7-3/4" x 2-1/2" (197 mm x 64 mm)	.15



5716

## Mobile Phone Holders **PowerLine™ Series**

Additional Features:

- Fits most mobile phones.
- Metal belt clip for simple mounting and removal from belts up to 2" wide.
- Closable flap features genuine Velcro® brand touch fastener.
- Closed bottom for convenient storage.

Cat. No.	Size	Overall Dimensions		Pocket Dimensions			Weight (lbs.)
		H	W	H†	W	D	
5715XS	extra small	4-1/2" (114 mm)	2-5/8" (67 mm)	3" (76 mm)	2-1/8" (54 mm)	3/4" (19 mm)	.01
5715S	small	4-1/2" (114 mm)	2-5/8" (67 mm)	3-1/2" (89 mm)	2-1/8" (54 mm)	1" (25 mm)	.01
5715SMT	medium	5-1/2" (140 mm)	2-5/8" (67 mm)	4-1/4" (108 mm)	2-1/8" (54 mm)	1-1/4" (32 mm)	.011
5715	large	6-1/2" (165 mm)	3-5/8" (92 mm)	5" (127 mm)	3-5/8" (79 mm)	1-1/4" (32 mm)	.014

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†Velcro latching cover accommodates phones slightly taller than pocket.



5715SMT

## Web Work Belt **PowerLine™ Series**

- Adjustable belt – fits waist sizes up to 54".
- Heavy-duty, 2" wide nylon webbing for extra strength.
- Accommodates tunnel loop and slotted tool pouches and holders.
- Rugged metal buckle for quick release and adjustment.

Cat. No.	Size	Width	Weight (lbs.)
5705	one size fits all	2" (51 mm)	.56



5705

## Padded Tool Belts **PowerLine™ Series**

Additional Features:

- 5" cushioned pad for stability and comfort.
- Tapered front for comfort while bending.
- Heavy-duty 2" wide nylon web belt with rugged metal buckle.

Cat. No.	Size	Width	Weight (lbs.)
5704S	28" – 32" (711 mm – 813 mm)	2" (51 mm)	.90
5704M	32" – 36" (813 mm – 914 mm)	2" (51 mm)	.95
5704L	36" – 40" (914 mm – 1016 mm)	2" (51 mm)	1.00
5704XL	40" – 44" (1016 mm – 1118 mm)	2" (51 mm)	1.05
5704XXL	44" – 48" (1118 mm – 1219 mm)	2" (51 mm)	1.10



5704L

All dimensions are in inches and (millimeters).

**⚠WARNING:** This is NOT an occupational protective belt.

**⚠WARNING:** NOT for fall arrest or back support.



## PowerLine™ Series

### Padded Suspenders **PowerLine™ Series**

Additional Features:

- Fully adjustable length – front & back.
- Heavy-duty, 1-1/2" 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.

Cat. No.	Size	Weight (lbs.)
5717	one size fits most	.84

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5717

### 4-Piece Combo Sets **PowerLine™ Series**

Set consists of the following pieces:

- 8-Pocket Tool Pouch (Cat. No. 5701).
- 3-Pocket Utility Pouch (Cat. No. 5703).
- Hammer Holder (Cat. No. 5706).
- Padded Tool Belt (Cat. No. 5704).



5709L

Cat. No.	Size	Width of Belt	Weight (lbs.)
5709M	32" – 36" (813 mm – 914 mm)	2" (51 mm)	2.71
5709L	36" – 40" (914 mm – 1016 mm)	2" (51 mm)	2.77
5709XL	40" – 44" (1016 mm – 1118 mm)	2" (51 mm)	2.80
5709XXL	44" – 48" (1118 mm – 1219 mm)	2" (51 mm)	2.60

### 4-Piece Electrician's Combo Sets **PowerLine™ Series**

Set consists of the following pieces:

- 8-Pocket Tool Pouch (Cat. No. 5718).
- 19-Pocket Tool Pouch (Cat. No. 5719).
- Hammer Holder (Cat. No. 5706).
- Padded Tool Belt (Cat. No. 5704).



5710M

Cat. No.	Size	Width of Belt	Weight (lbs.)
5710M	32" – 36" (813 mm – 914 mm)	2" (51 mm)	2.75
5710L	36" – 40" (914 mm – 1016 mm)	2" (51 mm)	2.80
5710XL	40" – 44" (1016 mm – 1118 mm)	2" (51 mm)	3.05

All dimensions are in inches and (millimeters).

**⚠ WARNING:** This is NOT an occupational protective belt.

**⚠ WARNING:** NOT for fall arrest or back support.



## Lightweight Tool Belt

- *Leather construction.*
- *Designed to carry lightweight tool pouches.*

Cat. No.	Size	Width	Weight (lbs.)
5201	33" – 45" (838 mm – 1143 mm)	1" (25 mm)	.30



5201

## General-Purpose Belts

- *Strong, heavy-duty leather.*
- *Removable single-tongue buckle held by two heavy-duty snaps.*

Cat. No.	Size	Width	Weight (lbs.)
5202M	32" – 40" (813 mm – 1016 mm)	1-1/2" (38 mm)	.40
5202L	38" – 46" (965 mm – 1168 mm)	1-1/2" (38 mm)	.45
5202XL	46" – 54" (1168 mm – 1372 mm)	1-1/2" (38 mm)	.50



5202L

## Lightweight Utility Belt

- *Strong, lightweight 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.	Color	Size	Width	Weight (lbs.)
5204	blue	one size fits all	2" (51 mm)	.20



5204

## Adjustable Web Tool Belt

- *Fits waist sizes up to 48".*
- *Accommodates tunnel loop and slotted tool pouches and holders.*
- *2" wide polypropylene webbing.*
- *Rugged metal buckle for quick release and easy adjustment.*
- *Corrosion resistant hardware.*

Cat. No.	Size	Width	Weight (lbs.)
5225	48" (1219 mm)	2" (51 mm)	.60



5225

## Heavy-Duty Embossed Tool Belts

- *Strong, heavy-duty rigging-leather.*
- *Equipped with a double-tongue buckle.*

Cat. No.	Size	Width	Weight (lbs.)
5415S	32" – 40" (813 mm – 1016 mm)	2" (51 mm)	.63
5415	36" – 44" (914 mm – 1118 mm)	2" (51 mm)	.64
5415L	40" – 48" (1016 mm – 1219 mm)	2" (51 mm)	.64
5415XL	44" – 52" (1118 mm – 1321 mm)	2" (51 mm)	.65



5415

All dimensions are in inches and (millimeters).

**⚠ WARNING:** This is NOT an occupational protective belt.

**⚠ WARNING:** NOT for fall arrest or back support.





## Tool Belts

### Cotton/Polyester Blend Tool Belt w/Quick-Release Buckle

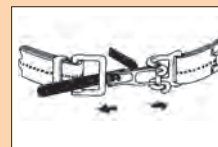
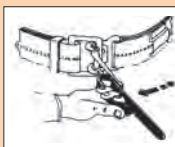
- NOT an occupational protective belt. ONLY use as a tool belt.
- Features a forged, quick-release buckle for emergency situations where the user has to quickly disengage the belt (for example, when working over water or in grain elevators).
- Must be worn over the user's harness and clothing so it will drop free when released.
- Belt is made of a mildew-resistant blend of cotton/polyester webbing for comfort and strength.

Cat. No.	Size	Weight (lbs.)
5425M	30" – 44" (762 mm - 1118 mm)	1.53
5425XL	38" – 58" (965 mm - 1473 mm)	1.67



#### 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.



## Electrician's Tool Belts

### Electrician's Web Tool Belts

- Lightweight web belt.
- Includes leather tool loops and chain tape thong.
- Friction buckle.

Cat. No.	Size	Width	Weight (lbs.)
5227M	32" – 40" (813 mm – 1016 mm)	1-1/2" (38 mm)	.39
5227L	40" – 48" (1016 mm – 1219 mm)	1-1/2" (38 mm)	.40
5227XL	48" – 56" (1219 mm – 1422 mm)	1-1/2" (38 mm)	.42



## Ironworker's Heavy-Duty Tie-Wire Belts

### 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.



Cat. No.	Waist Size	Belt Size Range	Width	Weight (lbs.)
5420S	36" (914 mm)	32" – 40" (813 mm – 1016 mm)	2" (51 mm)	.85
5420	40" (1016 mm)	36" – 44" (914 mm – 1118 mm)	2" (51 mm)	.95
5420L	44" (1118 mm)	40" – 48" (1016 mm – 1219 mm)	2" (51 mm)	1.05
5420XL	48" (1219 mm)	44" – 52" (1118 mm – 1321 mm)	2" (51 mm)	1.15

Tie-wire reel available on page 204. Tie-wire pad available on page 154.

All dimensions are in inches and (millimeters).

**▲WARNING:** This is NOT an occupational protective belt.

**▲WARNING:** NOT for fall arrest or back support.



## 10 Pocket Tool Pouch and Belt Set

- Combines the popular Cat. No. 5165, leather 10 pocket pouch, and Cat. No. 5202, general purpose leather belt, into one item.
- 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.	Belt Width	Overall Size	Pockets	Size	Specialty Add-Ons	Weight (lbs.)
55210	1-1/2" (38 mm)	10" x 10" (254 mm x 254 mm)	10	32" - 46" (813 mm - 1168 mm)	knife snap	1.2

## 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.	Color	Strap Width	Leather-Back Strap Spreader	Weight (lbs.)
<b>Nylon-Web Suspenders</b>				
60210B	blue	2" (51 mm)	adjustable	.63
<b>Elastic-Back Suspenders</b>				
60223B	blue	2" (51 mm)	non-adjustable	.60



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.
- The most durable, most comfortable pad to wear, especially for prolonged work periods.
- When sizing a belt to accommodate this pad, add 2" to 4" to the belt waist size.

Cat. No.	Length	Width	Weight (lbs.)
87904	22" (559 mm)	4" (102 mm)	.99
87906	30" (762 mm)	4" (102 mm)	1.04



87904

All dimensions are in inches and (millimeters).

**⚠ WARNING:** This is NOT an occupational protective belt.

**⚠ WARNING:** NOT for fall arrest or back support.



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# Tool Bags

Tool bags from Klein come in a wide variety of shapes and sizes to match the diverse tools and accessories professionals use every day.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Tool Bags





# 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/Depth	Weight (lbs.)
5102-12	12" (305 mm)	6" (152 mm)	10" (254 mm)	2.14
5102-14	14" (356 mm)	6" (152 mm)	14" (356 mm)	2.55
5102-16	16" (406 mm)	6" (152 mm)	14" (356 mm)	3.05
5102-18	18" (457 mm)	6" (152 mm)	14" (356 mm)	2.84
5102-20	20" (508 mm)	6" (152 mm)	15" (381 mm)	3.16
5102-22	22" (559 mm)	6" (152 mm)	15" (381 mm)	3.48
5102-24	24" (610 mm)	6" (152 mm)	15" (381 mm)	4.10



5102-12

## 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/Depth	Weight (lbs.)
5105-20	20" (508 mm)	6" (152 mm)	15" (381 mm)	3.55
5105-24	24" (610 mm)	6" (152 mm)	15" (381 mm)	4.00



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.



5003-18

Cat. No.	Length	Width	Height/Depth	Interior Pockets	Exterior Pockets	Retaining traps	Weight (lbs.)
5003-18	18" (457 mm)	6" (152 mm)	14" (356 mm)	10	1	1	4.14
5003-20	20" (508 mm)	6" (152 mm)	15" (381 mm)	14	1	2	4.38

All dimensions are in inches and (millimeters).



## 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 (Catalog No. 58889) for hands-free mobility is available.

Cat. No.	Length	Width	Height/Depth	Weight (lbs.)
5200-15	15" (381 mm)	8" (203 mm)	14-1/2" (368 mm)	3.59

Cordura® is a registered trademark of INVISTA for durable fabrics.



5200-15

## Canvas Tool Bags

- Heavy-duty No. 6 natural canvas.
- Double-layer canvas bottom.
- Reinforced, riveted web handles.

Cat. No.	Length	Width	Height/Depth	Weight (lbs.)
5155	17" (432 mm)	9" (229 mm)	12" (305 mm)	1.56
5156	19" (483 mm)	9" (229 mm)	15" (381 mm)	1.82



5155

## Extra-Large Nylon 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.

Cat. No.	Length	Width	Height/Depth	Weight (lbs.)
5180	24" (610 mm)	10" (254 mm)	18" (457 mm)	6.00



5180



## Tool Bags

### Tool Totes™

- Constructed of rugged, 600 x 300 denier polyester to resist wear and tear on the jobsite.
- 2" wide (51 mm), 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 58888 and 58890).
- Durable molded bottom with drain holes to prevent water retention.
- Contoured, padded, slip-resistant shoulder strap for hands-free mobility (included with 58888 and 58890).
- Heavy-duty chain tape thong (58890 only).



58890

Cat. No	Interior Pockets	Exterior Pockets	Chain Tape Thong	Shoulder Strap (58889)	Length	Width	Height/Depth	Weight (lbs.)
58886	–	7	No	No*	15-1/2" (394 mm)	7-1/2" (191 mm)	10" (254 mm)	2.42
58888	5	7	No	Yes	15-1/2" (394 mm)	7-1/2" (191 mm)	10" (254 mm)	3.01
58890	7	10	Yes	Yes	15-1/2" (394 mm)	7-1/2" (191 mm)	10" (254 mm)	3.41

\*Optional shoulder strap (Cat. No. 58889) available.

### Tool Organizer

- Constructed of double-layered, 600 x 300 denier polyester to resist wear and tear on the jobsite.
- Water-resistant to avoid the buildup of mold and mildew.
- 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.

Cat. No.	Interior Pockets	Exterior Pockets	Nominal Size	Weight (lbs.)
5777	10	35	fits standard 5-gallon buckets	3.90

Velcro® is a registered trademark of Velcro Industries B.V.  
Tools NOT included.



5777

### Ten-Compartment Drawstring Bag

- 12-oz. olive canvas.
- Ten compartments to hold small parts.
- Drawstring for easy closing.

Cat. No.	Diameter	Height/Depth	Weight (lbs.)
5151	11" (279 mm)	6" (152 mm)	.41



5151

All dimensions are in inches and (millimeters).



## 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.

Cat. No.	Length	Width	Height/Depth	Weight (lbs.)
5108-18	18" (457 mm)	7" (178 mm)	8" (203 mm)	4.77
5108-20	20" (508 mm)	7" (178 mm)	8" (203 mm)	5.17
5108-24	24" (610 mm)	7" (178 mm)	8" (203 mm)	5.50



5108-18

## Leather Tote Bag

- Rugged tool bag made of extra-heavy leather.
- Stitched and riveted construction.
- Reinforced ends.
- Double-ply bottom with steel studs.

Cat. No.	Length	Width	Height/Depth	Weight (lbs.)
5115	15" (381 mm)	6-1/2" (165 mm)	7" (178 mm)	2.20



5115

## 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" (305mm) high.

Cat No.	Material	Color	Zipper	Weight (lbs.)
5136	Top Grain Leather	brown	brass	.84
5236	Cordura® Ballistic Nylon	black	nylon	.51
5336	No. 10 Canvas	natural	brass	.40

Cordura® is a registered trademark of INVISTA for durable fabrics.



5136

## Zipper Bag – Top-Grain Leather

- Brushed cowhide leather with heavy-duty brass zipper.
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools, and spare parts.

Cat. No.	Length	Height	Weight (lbs.)
5139L	12-1/2" (318 mm)	7" (178 mm)	.23



5139L





## Tool Bags

### Zipper Bag



5139



5139B



5139C

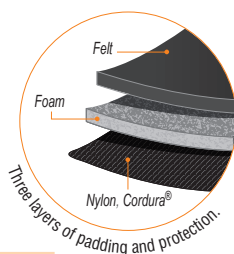
- Constructed of No. 10 canvas with heavy-duty brass zipper.
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools, and spare parts.
- Constructed of Cordura® ballistic nylon, a high-performance fabric resistant to abrasions, tears, and scuffs (Cat. Nos. 5139, 5139B, 5139C).
- Heavy-duty nylon zipper. (Cat. Nos. 5139B, 5139).
- Features the jungle stalker digitized camouflage pattern for maximum concealment (Cat. Nos. 5139C).
- Heavy-duty nylon stitching and zipper ensure durability and long life (Cat. Nos. 5139C).

Cat. No.	Material	Length	Height	Weight (lbs.)
5139	canvas	12-1/2" (318 mm)	7" (178 mm)	.19
5336	canvas	17" (432mm)	12" (305 mm)	.40
5139B	Cordura® Ballistic Nylon	12-1/2" (318 mm)	7" (178 mm)	.24
5236	Cordura® Ballistic Nylon	17" (432 mm)	12" (305 mm)	.51
5139C	Cordura® Camouflage	12-1/2" (318 mm)	7" (178 mm)	.14

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### Padded Cordura® Zipper Bag

- Constructed of Cordura®, 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).



5139PAD

Cordura® is a registered trademark of INVISTA for durable fabrics.

Cat. No.	Material	Length	Height	Color	Weight (lbs.)
5139PAD	Cordura®	12-1/2" (318 mm)	7" (178 mm)	black	.28

### Canvas Zipper Bags – Consumables

- Constructed of No. 8 canvas, with heavy-duty brass zipper.
- Convenient storage for wire nuts, connectors and other consumables.
- 3-1/2" wide bottom for stability when standing; easy access when open.
- Brass grommet for hanging or attaching to belt or clip.
- Overall size: 10" (254 mm) long x 8" (203 mm) tall x 3-1/2" (89 mm) wide.

Cat. No.	Material	Length	Height	Width	Color	Weight (lbs.)
5539RED	canvas	10" (254 mm)	8" (203 mm)	3- 1/2" (89 mm)	red	.25
5539BLU	canvas	10" (254 mm)	8" (203 mm)	3- 1/2" (89 mm)	blue	.25
5539YEL	canvas	10" (254 mm)	8" (203 mm)	3- 1/2" (89 mm)	yellow	.25
5539NAT	canvas	10" (254 mm)	8" (203 mm)	3- 1/2" (89 mm)	natural	.25
5539CPAK	canvas	see above	see above	see above	3-pack: red, blue, yellow	.75



5539BLU



### Zipper Bags – Canvas, 4-Pack

- Includes four assorted colors (olive, orange, royal-blue, and yellow) 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.

Cat No.	Description	Weight (lbs.)
5140	4 zipper bags - canvas	.80



5140

All dimensions are in inches and (millimeters).

## Glove Bags – Canvas

- 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.	Canvas	Length	Width	Top Depth	Bottom Depth	Weight (lbs.)
5121-15	No. 4	15" (381 mm)	8" (203 mm)	5-1/2" (140 mm)	2-3/4" (70 mm)	.74
5121-19	No. 4	19" (483 mm)	8" (203 mm)	5-1/2" (140 mm)	2-3/4" (70 mm)	.88
5124-15	No. 10	15" (381 mm)	8" (203 mm)	4" (100 mm)	4" (100 mm)	.60
5124-17	No. 10	17" (432 mm)	8" (203 mm)	4" (100 mm)	4" (100 mm)	.65
5124-19	No. 10	19" (483 mm)	8" (203 mm)	4" (100 mm)	4" (100 mm)	.70



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 (lbs.)
5122-16	16" (406 mm)	8" (203 mm)	4-13/16" (122 mm)	.98
5122-18	18" (457 mm)	8" (203 mm)	4-13/16" (122 mm)	1.05



5122-16

## Tool Bag Accessories

### Shoulder Strap Kit

- Adjustable leather shoulder strap for 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.



5102S

Cat. No.	Weight (lbs.)
5102S	.78

### Padded Adjustable Shoulder Strap

- Shoulder strap for Tool Tote™ and 5003 series canvas tool bags.
- Adjustable from both ends for a perfect fit.



58889

Cat. No.	Weight (lbs.)
58889	.36



# PROFESSIONAL

You're a professional because you've earned it. Years of training and experience are what set you apart from the others. You're the reason Klein Tools is in business. Our tools are made *for* professionals, *by* professionals. That's why it's the brand of choice.

Virgil Musat  
General Contractor  
31 Years

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FOR Professionals... Since 1857®

# Tool Storage

Tool storage products from Klein make it easy to organize your tools and accessories. Available in a variety of sizes and features, Klein tool storage units are the solutions to your organizational needs.



Tool Storage





## Metal Tool Boxes

### Extra-Deep All-Purpose Tool Box

- A popular choice for all-around use.
- Big-capacity box with the necessary strength and rigid construction.
- Heavy-duty three-compartment tote tray with big, easy-grip handle.
- Double drawbolts plus hasp and staple for padlocks up to 3/8" (10 mm) in diameter (padlock not included).
- Protective, red, baked-enamel finish.

Cat. No.	Length	Depth	Height	Weight (lbs.)
54401	20" (508 mm)	8" (196 mm)	9" (220 mm)	11.55



54401



### Space-Saving Tool Box

- Higher capacity general purpose tool box.
- Full access plastic tote with movable dividers for added storage.
- Rolled front edge.
- Watershed cover with full end-caps.
- Full length piano hinge.
- Heavy-duty rust-resistant latch.
- Drawbolts with padlock eye for padlocks up to 1/4" (6 mm) in diameter (padlock not included).
- Protective, red, baked-enamel finish.
- Comfort-grip handle for easy lifting and moving.

Cat. No.	Length	Depth	Height	Weight (lbs.)
54402	19-1/8" (486 mm)	7" (178 mm)	7-1/2" (191 mm)	6.98



54402



### Long, Heavy-Duty Tool Box

- Extra-strong construction.
- Holds tools up to 24" (610 mm) long.
- Full-size, three-compartment tray with socket divider and easy-grip handle.
- Double drawbolts plus center hasp and staple for lock shackles up to 3/8" (10 mm) diameter.
- Protective, red, baked-enamel finish.

Cat. No.	Length	Depth	Height	Weight (lbs.)
54408	24-1/4" (616 mm)	9-1/2" (241 mm)	9-1/2" (241 mm)	20.70



54408



All dimensions are in inches and (millimeters).

# Mid-Size Parts Storage Boxes & Slide Racks

## Slide Racks

- Holds Klein mid-size 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.	Holds	Length (Front to Back)	Width	Height	Weight (lbs.)
54474	4 Klein mid-size storage boxes	11-3/4" (298 mm)	15-1/4" (387 mm)	10-3/4" (273 mm)	20.30
54476	6 Klein mid-size storage boxes	11-3/4" (298 mm)	15-1/4" (387 mm)	16-3/8" (416 mm)	28.75



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-grey baked-enamel finish.
- Mounting holes allow for easy installation with sheet metal screws or pop rivets.

Cat. No.	Description	Weight (lbs.)
54484	locking bar for Cat. No. 54474 slide rack	.25
54486	locking bar for Cat. Nos. 54476 & 54477 slide racks	.35



54484

## 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.	Number of Compartments	Compartment Sizes	Length (Front to Back)	Width	Height	Weight (lbs.)
54436	8	6-7/16" x 2-1/16" (164 mm x 52 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	3.90
54437	12	4-5/16" x 2-5/16" (110 mm x 59 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	4.10
54438	16	3-1/4" x 2-5/16" (83 mm x 59 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	4.40
54439	20	2-5/8" x 2-5/16" (67 mm x 59 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	4.50
54440	21	20 each 2-1/16" x 2-5/16" (52 mm x 59 mm) and one 2-3/4" x 9-1/16" (70 mm x 230 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	4.25

All dimensions are in inches and (millimeters).



# Extra-Large Parts Storage Boxes & Slide Racks

## 4-Box Slide Rack

- Holds four Klein 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. 54486).



54477

Cat. No.	Holds	Length (Front to Back)	Width	Height	Weight (lbs.)
54477	4 Klein extra-large storage boxes	15-3/4" (400 mm)	20" (508 mm)	15" (381 mm)	37

## 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.	Number of Compartments	Compartment Sizes	Length (Front to Back)	Width	Height	Weight (lbs.)
54445	16	4-3/8" x 2-7/8" (111 x 73 mm)	12" (305 mm)	18" (457 mm)	3" (76 mm)	7.55
54446	21	20 each 2-3/4" x 2-7/8" (70 x 73 mm) and one 3-3/4" x 11-7/8" (95 x 302 mm)	12" (305 mm)	18" (457 mm)	3" (76 mm)	7.60
54447	24	20 each 2-3/4" x 2-7/8" (70 x 73 mm) and four 3-3/4" x 2-7/8" (95 x 73 mm)	12" (305 mm)	18" (457 mm)	3" (76 mm)	7.95
54448	32	32 each 2-1/8" x 2-7/8" (54 x 73 mm)	12" (305 mm)	18" (457 mm)	3" (76 mm)	8.00

All dimensions are in inches and (millimeters).



# Extra-Large Parts Storage Boxes & Slide Racks

## 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" x 12" (114 mm x 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 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.



54451

Cat. No.	Description	Length (Front to Back)	Width	Height	Weight (lbs.)
54451	adjustable-compartment parts drawer with 3 fixed partitions and 9 movable dividers	12" (305 mm)	18" (457 mm)	3" (76 mm)	7.65
54480	optional set of 9 extra dividers				.40

## Plastic Tool Boxes

### Features:

**Positive locking latches** prevent accidental opening.

**Comfortable carrying handles.**

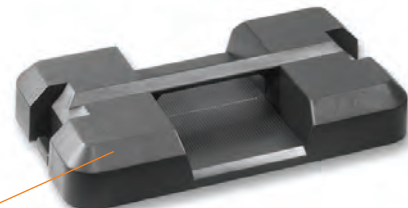
**Large storage capacity.**



54700

**HI-VIZ color** makes it easy to see anywhere on the jobsites.

**Heavy-duty construction** stands up to the rigors of transporting and on-the-job wear and tear.



**Lightweight, plastic-resin** construction is durable, strong, and impact resistant.





## Plastic Tool Boxes

### HI-VIZ 3-Tier Tool Box

*Additional Features:*

- Offers maximum space and organization in a compact unit.
- All the storage compartments nest for maximum storage in one compact unit.
- V-groove in lid to hold conduit or pipe for sawing.
- Top tray has compartments for small tools and parts.
- Tote tray holds larger tools and accessories.
- Tote and top tray have molded handles to carry separately.
- Large tub for big power tools.

Cat. No.	Capacity	Depth	Width	Height	Weight (lbs.)
54700	1,165 cu. in. (19,091 cu. cm.)	9" (229 mm)	16-1/4" (413 mm)	12-1/2" (318 mm)	5.15



54700

### HI-VIZ Sit/Stand 3-Tier Tool Box

*Additional Features:*

- Lid has a no-slip surface and is strong enough to stand or sit on.
- Convenient, adjustable shoulder strap and top handle for carrying.
- Offers maximum space and organization in a compact unit.
- All the storage compartments nest for maximum storage in one compact unit.
- V-groove in lid to hold conduit or pipe for sawing.
- Top tray has compartments for small tools and parts.
- Tote tray holds larger tools and accessories.
- Large tub for big power tools.

*Optional Wheel Caddy Features:*

- Durable wheels and axle are tough enough for rough, uneven surfaces.
- Telescoping handle with comfortable foam grip.
- Caddy locks into position.

Cat. No.	Capacity	Depth	Width	Height	Weight (lbs.)
54701	4,095 cu. in. (67,105 cu. cm.)	13-1/2" (343 mm)	20-3/4" (527 mm)	16-3/4" (425 mm)	13.40

**Accessories**

54701WC Wheel Caddy



54701



54701WC

### HI-VIZ Slide-Top Tool Box

*Additional Features:*

- Two slide-out cantilever trays to store small tools and supplies.
- Tray dividers are removable for flexible organization.
- Hinged tray cover keeps tools in place when closed.
- Trays feature flip covers for quick and easy access.
- Bottom storage is large enough for power tools.

Cat. No.	Capacity	Depth	Width	Height	Weight (lbs.)
54705	1,269 cu. in. (20,795 cu. cm.)	10" (254 mm)	15" (381 mm)	10" (254 mm)	3.85



54705

All dimensions are in inches and (millimeters).



## Six-Drawer Drop-Front Chest

- Hinged top panel completely covers drawers, providing added security and shielding against contaminants.
- Full-extension compound friction drawer slides support up to 50 pounds (23 kg).
- Strong double-wall construction.
- Internal keyed locking system secures valuable tools.
- Handy tote-tray in top compartment of tool chests.
- Over-molded chrome-plated chest handles allow easier mobility.



54201

Cat. No.	Width	Depth	Height	Weight (lbs.)
54201	24-1/8" (664 mm)	12-1/8" (308 mm)	15-7/16" (352 mm)	44.45
<b>Includes</b>				
2 drawers	7-7/8" (200 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)	
1 drawer	4-1/2" (114 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)	
2 drawers	22-1/2" (572 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)	
1 drawer	22-1/2" (572 mm)	10-3/4" (273 mm)	2-7/8" (73 mm)	

## Tool Chests & Cabinets Series I

### Series I Eight-Drawer Roller Cart – 26" Wide

- Full-extension ball-bearing drawer slides for smooth opening and closing action.
- 75 pound (34 kg) drawer capacity provides increased storage capacity.
- Superior sidewall and post construction increases strength and rigidity.
- Internal keyed locking system secures valuable tools.
- 5" x 2" (127 x 51mm) solid casters with a 1,200 pound (544.3 kg) load rating to ensure smooth, stable movement.
- Tubular side-handle enhances control and maneuverability when moving from location to location.
- Non-slip drawer liners add protection and minimize tool movement.



54311

Cat. No.	Width	Depth	Height	Weight (lbs.)
54311	26-1/2" (674 mm)	18-1/16" (459 mm)	41-1/8" (1045 mm)	143.00
<b>Includes</b>				
2 drawers	22-3/8" (568 mm)	16-15/32" (418 mm)	2" (51 mm)	
4 drawers	22-3/8" (568 mm)	16-15/32" (418 mm)	3-5/64" (78 mm)	
2 drawers	22-3/8" (568 mm)	16-15/32" (418 mm)	6-5/16" (161 mm)	



# Tool Chests & Cabinets Series I

## Series I Eight-Drawer Chest – 40" Wide

- Full-extension ball-bearing drawer slides for smooth opening and closing action.
- 75 pound (34 kg) drawer capacity provides increased storage capacity.
- Superior sidewall and post construction increases strength and rigidity.
- Internal keyed locking system secures valuable tools.
- Non-slip drawer liners add protection and minimize tool movement.



54212

Cat. No.	Width	Depth	Height	Weight (lbs.)
54212	40-1/2" (1029 mm)	17-13/16" (452 mm)	19-13/16" (503 mm)	166.00

### Includes

Top Storage	40" (1016 mm)	17-15/32" (447 mm)	4-1/4" (108 mm)
2 drawers	23-3/8" (593 mm)	16-15/32" (418 mm)	2" (51 mm)
1 drawer	23-3/8" (593 mm)	16-15/32" (418 mm)	3-3/32" (78 mm)
1 drawer	23-3/8" (593 mm)	16-15/32" (418 mm)	6-5/16" (161 mm)
2 drawers	11-3/4" (298 mm)	16-15/32" (418 mm)	2" (51 mm)
1 drawer	11-3/4" (298 mm)	16-15/32" (418 mm)	3-3/32" (78 mm)
1 drawer	11-3/4" (298 mm)	16-15/32" (418 mm)	6-5/16" (161 mm)

## Series I Fifteen-Drawer Roller Cart – 40" Wide

- Full-extension ball-bearing drawer slides for smooth opening and closing action.
- 75 pound (34 kg) drawer capacity provides increased storage capacity.
- Superior sidewall and post construction increases strength and rigidity.
- Internal keyed locking system secures valuable tools.
- 5" x 2" (127 x 51mm) solid casters with a 1,200 pound (544.3kg) load rating to ensure smooth, stable movement.
- Tubular side-handle enhances control and maneuverability when moving from location to location.
- Non-slip drawer liners add protection and minimize tool movement.



54312

Cat. No.	Width	Depth	Height	Weight (lbs.)
54312	40-15/16" (1040 mm)	18-1/16" (459 mm)	41-1/8" (1045 mm)	240.00

### Includes

2 drawers	22-3/8" (568 mm)	16-15/32" (418 mm)	2" (51 mm)
6 drawers	22-3/8" (568 mm)	16-15/32" (418 mm)	3-5/64" (78 mm)
1 drawer	22-3/8" (568 mm)	16-15/32" (418 mm)	6-21/64" (161 mm)
1 drawer	11-3/4" (298 mm)	16-15/32" (418 mm)	4-1/16" (106 mm)
4 drawers	11-3/4" (298 mm)	16-15/32" (418 mm)	3-5/64" (78 mm)
1 drawer	11-3/4" (298 mm)	16-15/32" (418 mm)	12-13/16" (325 mm)

# Lineman Buckets & Accessories

Klein lineman buckets and accessories have been trusted and recognized for decades for their durability and dependability and are built for strength and to handle professional wear and tear.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Lineman Buckets  
& Accessories





# Canvas Buckets

## Features:

**Rope handle** reinforced with leather for water resistance and strength.

**Durable, straight-wall and tapered-wall** buckets are made of heavy-duty canvas.

The No. canvas refers to the canvas weight. No. 1 being the thickest and No. 8 being the thinnest.

**High-density polyethylene top ring** for strength and chemical resistance.



## Leather-Bottom Buckets

### Additional Features:

- No. 1 canvas.
- Leather reinforced bottom.
- Leather cuff extends 3" (76 mm) up the side.
- Inside pocket measures 8" x 8" (203 mm x 203 mm).
- Rope handle.



5104

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5104	12" (305 mm)	12" (305 mm)	17" (432 mm)		2.71
5104S	12" (305 mm)	12" (305 mm)	17" (432 mm)	swivel snap (Cat. No. 2012)	2.93

## Straight-Wall Buckets

### Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Rope handle.



5106

Cat. No.	Diameter	Height	Extra Features	Weight (lbs.)
5106	9" (229 mm)	14" (356 mm)		1.51
5106P	9" (229 mm)	14" (356 mm)	two 7" x 7" (178 mm x 178 mm) inside pockets	1.62
5106S	9" (229 mm)	14" (356 mm)	swivel snap (Cat. No. 2012)	1.80

## Wide-Opening Straight-Wall Buckets

### Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Rope handle.

Cat. No.	Diameter	Height	Extra Features	Weight (lbs.)
5109	12" (305 mm)	15" (381 mm)		2.06
5109P	12" (305 mm)	15" (381 mm)	one 8" x 8" (203 mm x 203 mm) inside pocket	2.12
5109S	12" (305 mm)	15" (381 mm)	swivel snap (Cat. No. 2012)	2.35
5109PS	12" (305 mm)	15" (381 mm)	one 8" x 8" (203 mm x 203 mm) inside pocket and swivel snap (Cat. No. 2012)	2.40



5109

All dimensions are in inches and (millimeters).



## Tapered-Wall Buckets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Rope handle.



5113

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5113	12" (305 mm)	9" (229 mm)	13" (330 mm)		1.55
5113S	12" (305 mm)	9" (229 mm)	13" (330 mm)	swivel snap (Cat. No. 2012)	1.84

## Heavy-Duty Tapered-Wall Bucket

Additional Features:

- Tough No. 4 canvas.
- Black molded polypropylene bottom.
- Rope handle.
- Riveted leather glove strap.
- Equipped with Cat. No. 2012 swivel snap hook.



5103S

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5103S	12" (305 mm)	9" (229 mm)	12" (305 mm)	swivel snap (Cat. No. 2012)	1.95

## Heavy-Duty Tapered-Wall Buckets with Pockets

Additional Features:

- Tough No. 4 canvas.
- Black molded polypropylene bottom.
- Rope handle.
- Riveted leather glove strap.
- Equipped with Cat. No. 2012 swivel snap hook.

Cat. No.	Top Diameter	Bottom Diameter	Height	Outside Pockets	Extra Features	Weight (lbs.)
5171PS	12" (305 mm)	9" (229 mm)	12" (305 mm)	4 outside pockets	swivel snap (Cat. No. 2012)	2.20
5172PS	12" (305 mm)	9" (229 mm)	12" (305 mm)	15 inside pockets	swivel snap (Cat. No. 2012)	2.35



5171PS

5172PS

## Oval Bucket with 41 Pockets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Sisal-Rope handle.
- Equipped with Cat. No. 2012 swivel snap hook.
- Tripod suspension rope for greater stability.
- 26 pockets inside and 15 pockets outside.

Cat. No.	Length	Width	Height	Pockets	Extra Features	Weight (lbs.)
5152S	14" (356 mm)	7" (177 mm)	10" (254 mm)	26 inside pockets 15 outside pockets	swivel snap (Cat. No. 2012)	2.46



5152S

## Oval Bucket with 15 Interior Pockets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Sisal-Rope handle.
- Equipped with Cat. No. 2012 swivel snap hook.
- Tripod suspension for greater stability.

Cat. No.	Length	Width	Height	Pockets	Extra Features	Weight (lbs.)
5144S	14" (356 mm)	7" (177 mm)	10" (254 mm)	15 inside pockets	swivel snap (Cat. No. 2012)	2.17



5144S

All dimensions are in inches and (millimeters).



## Canvas Buckets

### Aerial-Basket Oval Bucket with 15 Interior Pockets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Two nylon 66 polymer hooks (Cat. No. 5144H) supplied with Cat. No. 5144.

Cat. No.	Length	Width	Height	Pockets	Extra Features	Weight (lbs.)
5144	14" (356 mm)	7" (177 mm)	10" (254 mm)	15 inside pockets	two hooks (Cat. No. 5144H)	2.01
5144B	14" (356 mm)	7" (177 mm)	10" (254 mm)	15 inside pockets		1.5



5144

### Aerial-Basket Tool Carrier

- Heavy-duty vinyl.
- Equipped with tool loops, tool holster, knife sheath, and small parts bag to keep tools organized.
- Hangs inside aerial basket to make tools readily available.
- Stiffening rod across the top holds carrier straight.
- Replacement hooks available (Cat. No. 5144H).

Cat. No.	Height	Width	Weight (lbs.)
5169	21" (533 mm)	19" (483 mm)	2.85



5169

### Line-Hose Bag

- No. 6 canvas with Cicolac 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 mm) up the side.
- Polypropylene rope handle is reinforced with leather.

Cat. No.	Diameter	Depth	Weight (lbs.)
5110-48	7" (178 mm)	48" (1219 mm)	1.91



5110-48

### Canvas Electrode Bag

- Made of tough No. 4 canvas.
- Heat-resistant, hard leather bottom.
- Web loop for sliding over belt.

Cat. No.	Diameter	Front Depth	Back Depth	Weight (lbs.)
5471	2-1/2" (64 mm)	12" (305 mm)	15-1/2" (394 mm)	.25



5471



## 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 (lbs.)
5143	6-1/2" (165 mm)	8" (203 mm)	.30



5143

## Hooks

### Swivel Snap Hook

Additional Features:

- This is NOT an occupational protective hook. NOT for human support.
- Bronze swivel snap hook made for use on canvas buckets.
- Maximum safe load is 150 lbs. (68 kg).

Cat. No.	Length	Width	Weight (lbs.)
2012	4-3/8" (111 mm)	1-5/8" (41 mm)	.28



2012

**⚠WARNING:** This is NOT an occupational protective device. NOT for human support.

### Hook for Aerial-Baskets

- All weather, durable, nylon 66 polymer.
- Most manufacturers' aerial basket trucks accommodate bucket hook.
- Replacement hook for both Cat. No. 5144 and Cat. No. 5169.

Cat. No.	Weight (lbs.)
5144H	.30



5144H

## Slings

### Pole Sling

- For use where a running loop wrap around pole is desired.
- Nylon web stitched with nylon thread.
- Copper rivets with burrs at the point of wear.
- NOT an occupational protective device. NOT for human support.
- Resistant to oil, creosote, and moisture.



5606

Cat. No.	Rated Capacity (Maximum Working Load)		Overall Length	Width	Weight (lbs.)
	Choke Hitch	Basket Hitch			
5606	3000 lbs (1350 kg)	4700 lbs (2115 kg)	39" (991 mm)	2" (51 mm)	1.33

**⚠WARNING:** This is NOT an occupational protective device. NOT for human support.

**⚠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 and Tackle

- These are NOT occupational protective devices. NOT for human support.
- Light, galvanized-steel shell blocks are fitted with snubbing hooks to hold the load.
- Sheaves are strong, yet are lightweight aluminum alloy with all-bronze bushings.
- 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.
- Hooks fit under insulator and engage pin on cross arm.
- All Klein block and tackle use high-quality, 3/8" diameter rope.
- Catalog numbers followed by S/R have rope spliced to block.
- Maximum safe load is 750 lbs. (338 kg).

## Block and Tackle with Standard Hooks

Cat. No.	Component Part Number				Rope spliced to component number	Weight (lbs.)
	267 Block	268 Block	258 Anchor Hook	259 Swivel Anchor Hook		
1802-30	●	●	●			2.80
1802-30 S/R	●	●	●		268 Block	2.80
1802-30S	●	●		●		2.85
1802-30S S/R	●	●		●	268 Block	2.85



258



268



267



1802-30



258



268



267



1802-30 S/R



259



268



267



1802-30S



259



268



267



1802-30S S/R

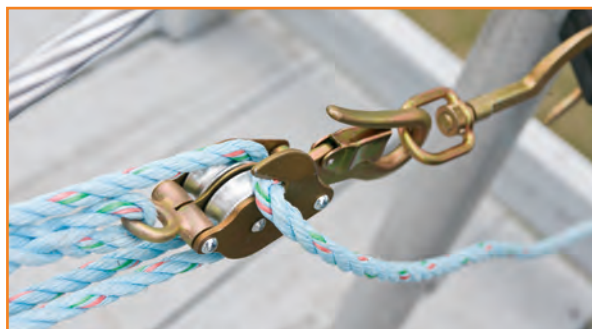
All dimensions are in inches and (millimeters).

**WARNING:** These are NOT occupational protective devices. Do NOT use for human support.



# Block and Tackle

## Block and Tackle with Guarded Hooks



Cat. No.	Component Part Number				Rope spliced to component number	Weight (lbs.)
	H267 Block	H268 Block	258 Anchor Hook	259 Swivel Anchor Hook		
H1802-30	•	•	•			2.90
H1802-30 S/R	•	•	•		H268 Block	2.90
H1802-30 S	•	•		•		3.00
H1802-30S S/R	•	•		•	H268 Block	3.00



258



H268



H267



H1802-30



258



H268



H267



H1802-30 S/R



259



H268



H267



H1802-30S



259



H268



H267



H1802-30S S/R

All dimensions are in inches and (millimeters).

**WARNING:** These are NOT occupational protective devices. Do NOT use for human support.





## Anchor Hook



- Forged hook is designed to slip under insulator and engage pin of cross arm.
- Maximum safe load 750 lbs. (340 kg).
- Standard on Klein block & tackle Cat. Nos. 1802-30 and H1802-30.

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight (lbs.)
258	5/8" (16 mm)	1-7/8" (48 mm)	5-1/2" (140 mm)	.42

## 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.
- Maximum safe load 750 lbs. (340 kg).

Cat. No.	Swivel Opening	Throat Opening	Overall Length	Weight (lbs.)
259	1-3/16" x 1" (30 mm x 25 mm)	1-7/8" (48 mm)	6-1/2" (165 mm)	.40

## 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).



Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight (lbs.)
455	15/16" (24 mm)	1" (25 mm)	5" (127 mm)	.84

## Blocks



267



268



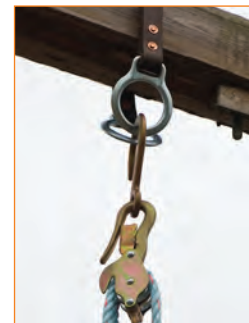
H267



H268

- Blocks without ropes and hooks.
- Made of light galvanized steel and aluminum alloy.
- Sheaves have bronze bushings.

Cat. No.	Description	Weight (lbs.)
267	plain block	.76
H267	Cat. No. 267, but nose extends over keeper	.80
268	block with eye to splice line to block and rope tie-off	.91
H268	Cat. No. 268, but nose extends over keeper	1.00



All dimensions are in inches and (millimeters).

**WARNING:** These are NOT occupational protective devices. Do NOT use for human support.





## Block and Tackle

### Polypropylene Hand-Lines with Snap Hook



1804-60

- Made of 5/16" (8 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.

Cat. No.	Description	Weight (lbs.)
1803-60	75' (23 m) of 5/16" (8 mm) rope with Cat. No. 443A snap. Maximum safe load 250 lbs. (113 kg)	2.45
1804-60	75' (23 m) of 5/16" (8 mm) rope with Cat. No. 470 swivel snap. Maximum safe load 250 lbs. (113 kg)	2.20

### Howe Wire Tool



1702-20N

- 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).

Cat. No.	Description	Weight (lbs.)
1702-20N	nylon strap 1" (25 mm) wide, 7' (2.1 m) long	1.95

### 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 (lbs.)
443A	1" (25 mm)	1/2" (13 mm)	5-1/2" (140 mm)	.52

### Swivel Hook with Plunger Latch

- Forged steel with swivel clevis and quick-acting plunger-style latch.
- Designed to take 1/2" (13 mm) or lighter hand lines.
- Swivel action prevents accidental fouling into secondary wires.
- Maximum safe load 750 lbs. (338 kg).



470

Cat. No.	Swivel Opening	Throat Opening	Overall Length	Weight (lbs.)
470	1-3/16" x 1" (30 mm x 25 mm)	5/8" (16 mm)	5" (127 mm)	.30



Howe Wire Tool



Howe Wire Tool

All dimensions are in inches and (millimeters).

**⚠WARNING:** These are NOT occupational protective devices. Do NOT use for human support.

# Wire Pulling Grips

Wire pulling grips from Klein combine strength and durability to lead the world in creating an extremely high-quality line of grips. With ease-of-use and lasting quality, Klein wire-pulling grips set the mark.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Wire Pulling Grips





# Introduction to Wire Pulling Grips

## Quality

Trust the quality and reliability of Klein grips. All authentic Klein Grips are manufactured, inspected and tested in the USA, in company owned plants by American workers. From the custom drop-forged quality steel to machining and heat treating, to pulling rated load and final inspection, Klein grips are designed to help linemen get their jobs done.

### Features:



## Reliability

Before leaving our manufacturing plant, each and every authentic Klein grip is individually hand inspected and actuated for proper function. Grips are rigorously tested using the Magnuflux method and pulled to rated load to ensure the highest quality and reliability for which Klein Tools is known.

## 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 3' (about 1 meter) length of cable.

Klein Tools has been manufacturing grips for over 135 years. All authentic Klein Grips are manufactured, and tested in the USA.

If there is ever a question about the safe condition of any grip, please contact Klein Tools Customer Service at 847.821.5500 or 800.553.4676.

Please contact customer service for further details.



# Recommended Care and Maintenance

## Grip Cleaning, Lubricating and Inspecting

The following guidelines have been established to keep all grips in good working condition.

### Cleaning



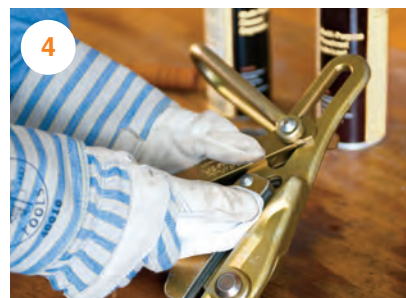
**Step 1.** Use the Klein Grip Cleaning Wire Brush Set (Cat. No. 25450) or emery cloth to clean the surfaces of grip jaws (photo #1).



**Step 2.** Spray Degreaser on the grip jaws, all joints and moving parts (photo #2).

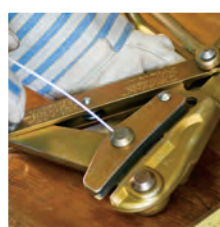


**Step 3.** Use the Klein Grip Cleaning Wire Brush to remove dirt and debris from the grip jaws (photo #3).



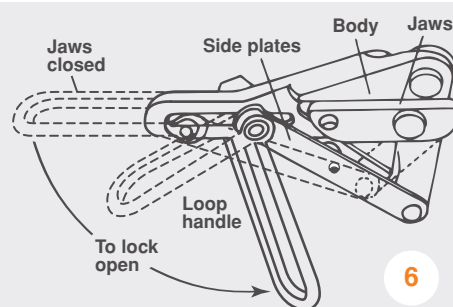
**Step 4.** Wipe grips dry with soft cloth. Repeat all cleaning steps as necessary until grip is completely clean (photo #4).

### Lubricating



**Step 5.** Apply Lubricant to all joints and moving parts. Do not lubricate gripping surfaces of jaws (photos left #5).

**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 (illustration #6).



**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 **847-821-5500** or **800-553-4676**.

**Note:** Aluminum strand conductors may have a die-grease coating which can deposit on grip jaws. New aluminum conductors should be wiped clean before grip application. Grip jaws should be wiped clean of all grease before use.





## 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

Authentic Chicago® Grips are designed for use on aluminum, copper, weatherproof coated wire, PVC covered conductors and messenger and guy strand.

- *Locking loop handles. The locking feature allows the jaws to be held in an open position for easy placement on wire or cable.*
- *Available in Round, Double V and Single V jaw contours.*



1656-30

### Parallel Jaw Grips

Lightweight compact parallel jaw 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.*



KT4500

### Haven's® Grips

Haven's Grips are designed for use when a light, compact grip is desired and 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.*

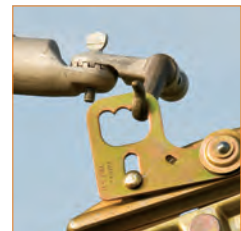


1625-20

### Hot-line Latch

The hot-line latch is 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.*



All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.


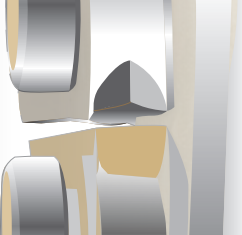

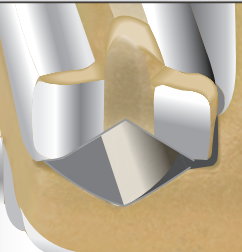

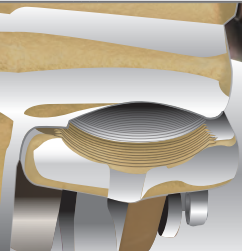



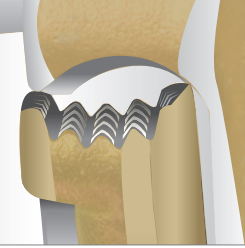
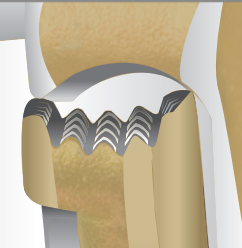
**⚠WARNING:** Do not exceed rated capacity.

**⚠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

 <b>Single V</b>		<b>Recommended for:</b> Steel Strand <b>Cat. No.</b>			
	<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	-		
 <b>Double V</b>		<b>Recommended for:</b> Steel Strand <b>Cat. No.</b>			
	<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, as well as a wide range of cables.</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	-	
 <b>Round</b>		<b>Recommended for:</b> ACSR and AAC <b>Cat. No.</b>			
	<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, ACSR, AAC and copper conductors as well as a wide range of cables.</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 1678-20, 1678-30, 1678-40, 1678-50	 1611-20 1611-30 1611-40 1611-50 <b>Notched Jaw</b>  1659-20 1659-30 1659-40 1659-50 <b>Serpentine Jaw</b>	 1659-5AT	1685-20 1685-31
 <b>Eccentric</b>		<b>Recommended for:</b> Steel Strand <b>Cat. No.</b>			
	<ul style="list-style-type: none"><li>Eccentric jaw applies gripping pressure to 1/4" of cable area.</li><li>Recommended for use when conductor deformation is not an issue.</li><li>Available only on the Haven's Grips.</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)	-		

## Selecting the Proper Grip

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.

Authentic Klein Grips are organized according to these three factors to make it easy for you to choose the proper grip.



# ACSR (Aluminum Conductor Steel Reinforced)

## For Cable Diameter

### 4 AWG - 636 MCM

.250" - .953" (6.35 mm - 24.21 mm)

## MAXIMUM SAFE LOAD

See facing page  
for grip details.

AWG or MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	A 4,500 lbs (2041 kg) Cat. No.	B 8,000 lbs (3629 kg) Cat. No.	C 15,000 lbs (6803 kg) Cat. No.	D 20,000 lbs (9072 kg) 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		1628-16PE*	
2	.325" (8.26 mm)	7 x 1	Sparate	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H		1628-16PE*	
1	.354" (9.02 mm)	6 x 1	Robin	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H		1628-16PF*	
1/0	.398" (10.11 mm)	6 x 1	Raven	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H		1628-16PG*	
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			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*
556.5 MCM	.879" (22.33 mm)	18 x 1	Osprey		1656-60, 1656-60H & S1656-60H	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	.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*
636 MCM	.940" (23.88 mm)	18 x 1	Kingbird		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*

"S" is for spring. "H" is for hot latch.

\*Special order only. Please allow 30 days for delivery. These are not returnable.

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.

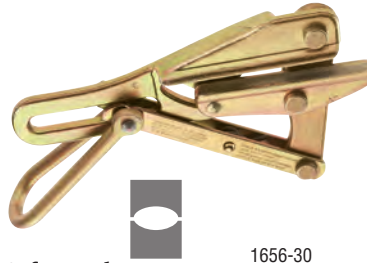
**⚠WARNING:** Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



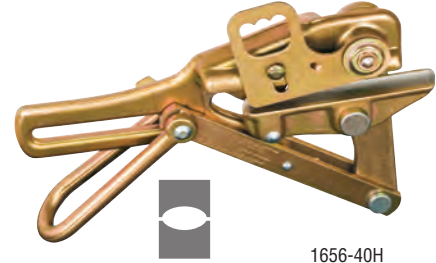
# ACSR (Aluminum Conductor Steel Reinforced)

## Chicago® Grip – 1656 Series

- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR.
- Smooth jaws grip with maximum contact and are less likely to cause cable deformation.



1656-30



1656-40H

### A 4,500 lbs. (2,041 kg) Maximum Safe Load

Cat. No.	Hot Latch Model No.	Hot Latch/Spring Model No.	Min. to Max. Cable AWG	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1656-20	1656-20H	S1656-20H	4 - 1/0	.250" - .398" (6.35 mm - 10.11 mm)	4" (102 mm)	3 lbs. (1.36 kg)
1656-30	1656-30H	S1656-30H	2 - 3/0	.325" - .502" (8.25 mm - 12.75 mm)	4-3/4" (121 mm)	3.75 lbs. (1.70 kg)

### B 8,000 lbs. (3,629 kg) Maximum Safe Load

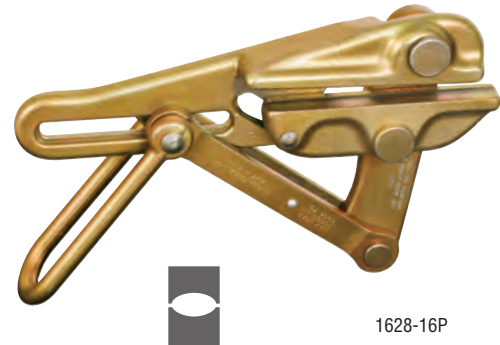
Cat. No.	Hot Latch Model No.	Hot Latch/Spring Model No.	Min. to Max. Cable AWG or MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1656-40	1656-40H	S1656-40H	4/0 - 336.4 MCM	.563" - .720" (14.30 mm - 18.29 mm)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-50	1656-50H	S1656-50H	397.5 MCM - 477 MCM	.743" - .858" (18.82 mm - 21.79 mm)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-60	1656-60H	S1656-60H	477 MCM - 636 MCM	.879" - .953" (22.33 mm - 24.21 mm)	5-1/2" (140 mm)	8.20 lbs (3.71 kg)

## Chicago® Grip – 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.

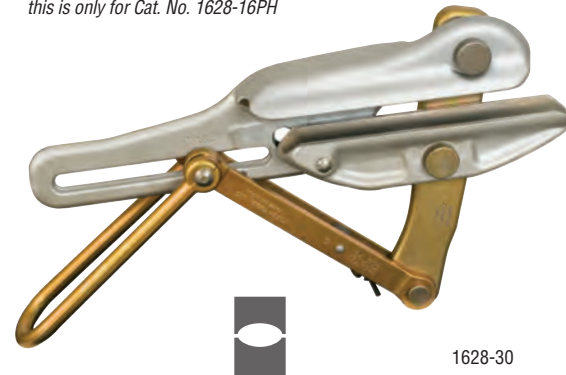
### C 15,000 lbs. (6,803 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable AWG or MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1628-16PE*	2	.316" - .325" (8.03 mm - 8.25 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PF*	1	.354" (8.99 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PG*	1/0 - 2/0	.398" - .447" (10.11 mm - 11.35 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PH* ‡	3/0	.502" (12.75 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PI*	4/0	.563" (14.30 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PJ*	266.8 MCM	.609" (15.47 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PK*	266.8 MCM - 336.4 MCM	.642" - .684" (16.31 mm - 17.37 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PL*	336.4 MCM - 397.5 MCM	.720" - .743" (18.29 mm - 18.87 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PM*	397.5 MCM - 477 MCM	.772" - .814" (19.61 mm - 20.68 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PN*	477 MCM - 556.5 MCM	.846" - .883" (21.49 mm - 22.43 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)



1628-16P

‡ The "H" suffix does not mean Hot Latch, this is only for Cat. No. 1628-16PH



1628-30

### D 20,000 lbs. (9,072 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1628-30N**	477 MCM - 556.5 MCM	.846" - .883" (21.49 mm - 22.43 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-300**	556.5 MCM - 636 MCM	.914" - .953" (23.22 mm - 24.21 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)

\*These grips are special order only. Please allow 30 days for delivery. These are not returnable.

\*\* Maximum safe stringing tension 12,500 lbs to minimize cable deformation.

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.





# ACSR (Aluminum Conductor Steel Reinforced)

## For Cable Diameter

### 605 - 2515 MCM

.966" - 1.88" (24.54 mm - 47.75 mm)

## MAXIMUM SAFE LOAD

See facing page  
for grip details.

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	A	B	C	D	E
				5,500 lbs (2,495 kg)	8,000 lbs (3,636 kg)	20,000 lbs (9,072 kg)	25,000 lbs (11,340 kg)	25,000 lbs. with bolt on jaw
				Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
605 MCM	.966" (24.54 mm)	26 x 7	Squab		1678-20	1628-30P*		1628-50P*
636 MCM	.977" (24.82 mm)	24 x 7	Rook		1678-20	1628-30P*		1628-50P*
636 MCM	.991" (25.15 mm)	26 x 7	Grosbeak		1678-20	1628-30P*		1628-50P*
605 MCM	.994" (25.25 mm)	30 x 19	Teal		1678-20	1628-30P*		1628-50P*
605 MCM	.994" (25.25 mm)	30 x 7	Wood Duck		1678-20	1628-30P*		1628-50P*
666.6 MCM	1.00" (25.40 mm)	24 x 7	Flamingo		1678-20	1628-30P*		1628-50P*
666.6 MCM	1.014" (25.76 mm)	26 x 7	Gannet		1678-20	1628-30P*		1628-50P*
636 MCM	1.019" (25.88 mm)	30 x 19	Egret		1678-20	1628-30R*		1628-50R*
636 MCM	1.019" (25.88 mm)	30 x 7	Scoter		1678-20	1628-30R*		1628-50R*
795 MCM	1.040" (26.41 mm)	36 x 1	Coot	1678-30		1628-30R*		1628-50R*
715.5 MCM	1.051" (26.70 mm)	26 x 7	Starling	1678-30		1628-30R*		1628-50R*
795 MCM	1.063" (27.00 mm)	45 x 7	Tern	1678-30		1628-30R*		1628-50R*
715.5 MCM	1.081" (27.46 mm)	30 x 19	Redwing	1678-40		1628-30S*		1628-50S*
795 MCM	1.092" (27.76 mm)	54 x 7	Condor	1678-40		1628-30S*		1628-50S*
795 MCM	1.092" (27.74 mm)	24 x 7	Cuckoo	1678-40		1628-30S*		1628-50S*
795 MCM	1.107" (28.14 mm)	26 x 7	Drake	1678-40		1628-30S*		1628-50S*
900 MCM	1.131" (28.73 mm)	45 x 7	Ruddy	1678-40		1628-30S*		1628-50S*
795 MCM	1.140" (28.96 mm)	30 x 19	Mallard	1678-40		1628-30S*		1628-50S*
900 MCM	1.162" (29.51 mm)	54 x 7	Canary	1678-50		1628-30T*		1628-50T*
954 MCM	1.165" (29.59 mm)	20 x 7	Corncrake	1678-50		1628-30T*		1628-50T*
954 MCM	1.165" (29.59 mm)	45 x 7	Rail	1678-50		1628-30T*		1628-50T*
954 MCM	1.175" (29.85 mm)	48 x 7	Towhee	1678-50		1628-30T*		1628-50T*
954 MCM	1.196" (30.38 mm)	54 x 7	Cardinal	1678-50		1628-30T*		1628-50T*
954 MCM	1.196" (30.38 mm)	24 x 7	Redbird	1678-50		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*
1272 MCM	1.317" (33.45 mm)	36 x 1	Skylark				1628-40W*	1628-50W*
1192.5 MCM	1.337" (33.99 mm)	54 x 19	Grackle				1628-40X*	1628-50X*
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*
2167 MCM	1.735" (44.12 mm)	72 x 7	Kiwi					1628-50D*
2156 MCM	1.762" (44.75 mm)	84 x 19	Bluebird					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.

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.



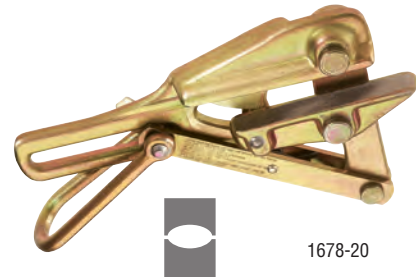
# ACSR (Aluminum Conductor Steel Reinforced)

## Chicago® Grip – 1678 Series

- Round jaws shaped to provide maximum contact with circumference of cable, less likely to cause cable deformation.
- Supplied with spring and locking loop handles, allowing jaws to be held in open position for easier placement on cable.

### A 5,500 lbs. (2,495 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Dia. in. (mm)	Jaw Length	Approx. Wt. Ea.
1678-30	715.5 MCM - 795 MCM	1.040" - 1.063" (26.42 mm - 27.00 mm)	5-11/16" (144 mm)	8.20 lbs. (3.71 kg)
1678-40	795 MCM - 900 MCM	1.081" - 1.140" (27.46 mm - 28.96 mm)	5-11/16" (144 mm)	8.20 lbs. (3.71 kg)
1678-50	900 MCM - 954 MCM	1.162" - 1.196" (29.51 mm - 30.38 mm)	5-11/16" (144 mm)	7.90 lbs. (3.58 kg)



1678-20

### B 8,000 lbs. (3,629 kg) Maximum Safe Load

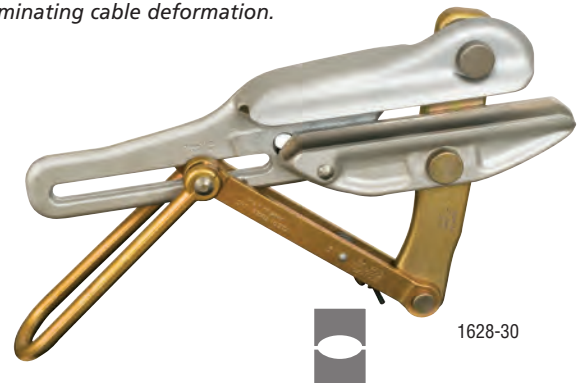
Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Dia. in. (mm)	Jaw Length	Approx. Wt. Ea.
1678-20	605 MCM - 666.6 MCM	.966" - 1.019" (24.54 mm - 25.88 mm)	5-11/16" (144 mm)	8.30 lbs. (3.71 kg)

## Chicago® Grip – 1628 Series

- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating cable deformation.

### C 20,000 lbs. (9,072 kg) Maximum Safe Load

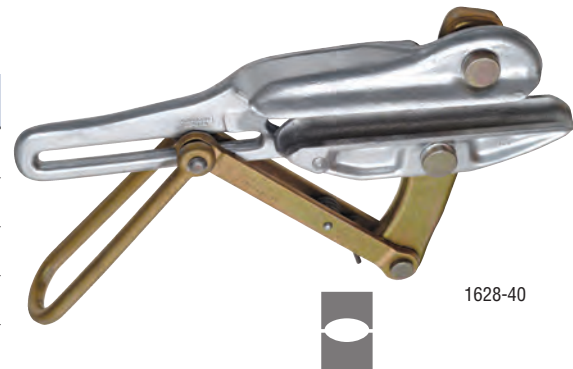
Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Dia in. (mm)	Jaw Length	Approx. Wt. Each
1628-30P*	605 MCM - 666.6 MCM	.966" - 1.014" (24.54 mm - 25.76 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-30R*	636 MCM - 795 MCM	1.019" - 1.063" (25.88 mm - 27.00 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-30S*	715.5 MCM - 900 MCM	1.081" - 1.140" (27.46 mm - 28.96 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-30T*	900 MCM - 954 MCM	1.162" - 1.196" (29.51 mm - 30.38 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-30U*	1033.5 MCM - 1113 MCM	1.212" - 1.258" (30.75 mm - 31.95 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)



1628-30

### D 25,000 lbs. (11,340 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Dia. in. (mm)	Jaw Length	Approx. Wt. Each
1628-40U*	1033.5 MCM - 1113 MCM	1.212" - 1.258" (30.75 mm - 31.95 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40W*	1113 MCM - 1272 MCM	1.292" - 1.317" (32.82 mm - 33.45 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40X*	1192.5 MCM - 1351.5 MCM	1.337" - 1.386" (33.96 mm - 35.20 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40Y*	1351.5 MCM - 1431 MCM	1.424" - 1.427" (36.17 mm - 36.25 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40Z*	1431 MCM - 1590 MCM	1.465" - 1.504" (37.21 mm - 38.20 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40A*	1590 MCM	1.544" (39.22 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)



1628-40

\*These grips are special order only. Please allow 30 days for delivery. These are not returnable.

### E 25,000 lbs. (11,340 kg) Maximum Safe Load with bolt on jaw

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Dia. in. (mm)	Jaw Length	Approx. Wt. Each
1628-50P*	605 MCM - 666.6 MCM	.966" - 1.014" (24.54 mm - 25.76 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50R*	636 MCM - 795 MCM	1.019" - 1.063" (25.88 mm - 27.00 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50S*	715.5 MCM - 900 MCM	1.081" - 1.140" (27.46 mm - 28.96 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50T*	900 MCM - 954 MCM	1.162" - 1.196" (29.51 mm - 30.38 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50U*	1033.5 MCM - 1113 MCM	1.212" - 1.258" (30.75 mm - 31.95 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50W*	1113 MCM - 1272 MCM	1.292" - 1.317" (32.82 mm - 33.45 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50X*	1192.5 MCM - 1351.5 MCM	1.337" - 1.386" (33.96 mm - 35.20 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50Y*	1351.5 MCM - 1431 MCM	1.424" - 1.427" (36.17 mm - 36.25 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50Z*	1431 MCM - 1590 MCM	1.465" - 1.504" (37.21 mm - 38.20 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50A*	1590 MCM	1.544" (39.22 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50B*	1780 MCM	1.602" (40.69 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50C*	2034.5 MCM	1.681" (42.70 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50D*	2156 MCM - 2167 MCM	1.735" - 1.762" (44.12 mm - 44.75 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50E*	2312 MCM	1.802" (45.77 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50F*	2515 MCM	1.88" (47.75 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)



- Removable bolt on floating jaw, secured by a slotted nut and cotter pin. Jaw provides increased cable coverage.

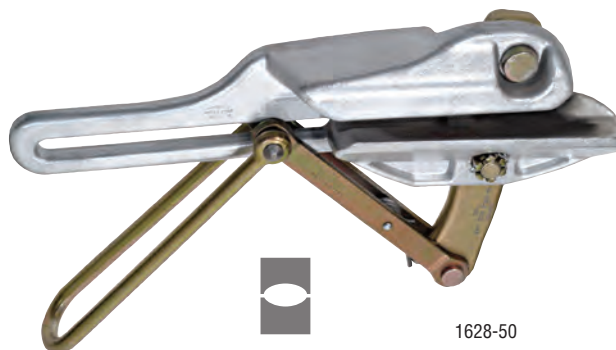
**Note:** Jaw must be removed to insert cable.



# ACSS (Aluminum Conductor Steel Supported)

## Chicago® Grip – 1628-50 Series

- Round jaws shaped to provide maximum contact with circumference of cable, less likely to cause cable deformation.
- Supplied with spring and locking loop handles, allowing jaws to be held in open position for easier placement on cable.
- Removable bolt on floating jaw, secured by a slotted nut and cotter pin. Jaw provides increased cable coverage.



1628-50

**E** 25,000 lbs. (11,340 kg) Maximum Safe Load with bolt on jaw

### For Cable Diameter

#### 605 - 2515 MCM

.966" - 1.88" (24.54 mm - 47.75 mm)

E 25,000 lbs. with bolt on jaw					E 25,000 lbs. with bolt on jaw				
MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	Cat. No.	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*	1033.5 MCM	1.212" (30.81 mm)	45 x 7	Ortolan/ACSS	1628-50U*
636 MCM	.977" (24.82 mm)	24 x 7	Rook/ACSS	1628-50P*	1033.5 MCM	1.245" (31.65 mm)	54 x 7	Curlew/ACSS	1628-50U*
636 MCM	.991" (25.15 mm)	26 x 7	Grosbeak/ACSS	1628-50P*	1113 MCM	1.258" (31.95 mm)	45 x 7	Bluejay/ACSS	1628-50U*
605 MCM	.994" (25.25 mm)	30 x 7	Wood Duck/ACSS	1628-50P*	1113 MCM	1.292" (32.84 mm)	54 x 19	Finch/ACSS	1628-50W*
605 MCM	.994" (25.25 mm)	30 x 19	Teal/ACSS	1628-50P*	1192.5 MCM	1.302" (33.07 mm)	45 x 7	Bunting/ACSS	1628-50W*
666.6 MCM	1.00" (25.40 mm)	24 x 7	Flamingo/ACSS	1628-50P*	1192.5 MCM	1.337" (33.99 mm)	54 x 19	Grackle/ACSS	1628-50X*
666.6 MCM	1.014" (25.76 mm)	26 x 7	Gannet/ACSS	1628-50P*	1272 MCM	1.345" (34.16 mm)	45 x 7	Bittern/ACSS	1628-50X*
636 MCM	1.019" (25.88 mm)	30 x 19	Egret/ACSS	1628-50R*	1272 MCM	1.381" (35.10 mm)	54 x 19	Pheasant/ACSS	1628-50X*
636 MCM	1.019" (25.88 mm)	30 x 7	Scoter/ACSS	1628-50R*	1351.5 MCM	1.386" (35.20 mm)	45 x 7	Dipper/ACSS	1628-50X*
715.5 MCM	1.051" (26.70 mm)	26 x 7	Starling/ACSS	1628-50R*	1351.5 MCM	1.424" (36.17 mm)	54 x 19	Martin/ACSS	1628-50Y*
795 MCM	1.063" (27.00 mm)	45 x 7	Tern/ACSS	1628-50R*	1431 MCM	1.427" (36.25 mm)	45 x 7	Bobolink/ACSS	1628-50Y*
715.5 MCM	1.081" (27.46 mm)	30 x 19	Redwing/ACSS	1628-50S*	1431 MCM	1.465" (37.21 mm)	54 x 19	Plover/ACSS	1628-50Z*
795 MCM	1.092" (27.74 mm)	24 x 7	Cuckoo/ACSS	1628-50S*	1590 MCM	1.504" (38.15 mm)	45 x 7	Lapwing/ACSS	1628-50Z*
795 MCM	1.092" (27.76 mm)	54 x 7	Condor/ACSS	1628-50S*	1590 MCM	1.544" (39.24 mm)	54 x 19	Falcon/ACSS	1628-50A*
795 MCM	1.107" (28.14 mm)	26 x 7	Drake/ACSS	1628-50S*	1780 MCM	1.602" (40.69 mm)	84 x 19	Chukar/ACSS	1628-50B*
900 MCM	1.131" (28.73 mm)	45 x 7	Ruddy/ACSS	1628-50S*	2034.5 MCM	1.681" (42.70 mm)	72 x 7	Mockingbird/ACSS	1628-50C*
795 MCM	1.140" (28.96 mm)	30 x 19	Mallard/ACSS	1628-50S*	2167 MCM	1.735" (44.12 mm)	72 x 7	Kiwi/ACSS	1628-50D*
900 MCM	1.162" (29.51 mm)	54 x 7	Canary/ACSS	1628-50T*	2156 MCM	1.762" (44.75 mm)	84 x 19	Bluebird/ACSS	1628-50D*
954 MCM	1.165" (29.59 mm)	20 x 7	Corncrake/ACSS	1628-50T*	2312 MCM	1.802" (45.77 mm)	76 x 19	Thrasher/ACSS	1628-50E*
954 MCM	1.165" (29.59 mm)	45 x 7	Rail/ACSS	1628-50T*	2515 MCM	1.88" (47.75 mm)	76 x 19	Joree/ACSS	1628-50F*
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*					

\*Klein Tools recommends using the 1628-50 series grips for ACSS cable. Special order only. **Application must be confirmed prior to ordering.** Please allow 30 days for delivery. Jaw must be removed to insert cable.



**Note:** Jaw must be removed to insert cable.

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.



# ACSS/TW (Aluminum Conductor Steel Supported/Trapezoidal Wire)

## For Cable Diameter

### 795 - 2627.3 MCM

.960" - 1.762" (24.38 mm - 44.75 mm)

**E**  
25,000 lbs.  
with bolt on jaw

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	Cat. No
795 MCM	.960" (24.38 mm)	17 x 7	Tern/ACSS/TW	1628-50P*
768.2 MCM	.977" (24.82 mm)	20 x 7	Maumee/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*
762.8 MCM	.990" (25.15 mm)	20 x 7	Wabash/ACSS/TW	1628-50P*
795 MCM	1.010" (25.65 mm)	20 x 7	Drake/ACSS/TW	1628-50P*
954 MCM	1.049" (26.64 mm)	30 x 7	Phoenix/ACSS/TW	1628-50R*
957.2 MCM	1.060" (26.92 mm)	32 x 7	Kettle/ACSS/TW	1628-50R*
954 MCM	1.061" (26.94 mm)	32 x 7	Rail/ACSS/TW	1628-50R*
946.7 MCM	1.077" (27.36 mm)	35 x 7	Fraser/ACSS/TW	1628-50R*
954 MCM	1.084" (27.53 mm)	20 x 7	Cardinal/ACSS/TW	1628-50S*
1033.5 MCM	1.089" (27.66 mm)	30 x 7	Snowbird/ACSS/TW	1628-50S*
966.2 MCM	1.092" (27.73 mm)	21 x 7	Columbia/ACSS/TW	1628-50S*
959.6 MCM	1.108" (28.14 mm)	22 x 7	Suwannee/ACSS/TW	1628-50S*
1033.5 MCM	1.102" (27.99 mm)	32 x 7	Ortolan/ACSS/TW	1628-50S*
1033.5 MCM	1.129" (28.68 mm)	21 x 7	Curlew/ACSS/TW	1628-50S*
1113 MCM	1.129" (28.68 mm)	30 x 7	Avocet/ACSS/TW	1628-50S*
1113 MCM	1.143" (29.03 mm)	33 x 7	Bluejay/ACSS/TW	1628-50T*
1168.1 MCM	1.155" (29.34 mm)	30 x 7	Cheyenne/ACSS/TW	1628-50T*
1158 MCM	1.165" (29.59 mm)	33 x 7	Genessee/ACSS/TW	1628-50T*
1192.5 MCM	1.167" (29.64 mm)	30 x 7	Oxbird/ACSS/TW	1628-50T*
1192.5 MCM	1.181" (29.99 mm)	33 x 7	Bunting/ACSS/TW	1628-50T*
1113 MCM	1.185" (30.10 mm)	38 x 19	Finch/ACSS/TW	1628-50T*
1158.4 MCM	1.196" (30.38 mm)	25 x 7	Hudson/ACSS/TW	1628-50T*
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*
1257.1 MCM	1.213" (30.81 mm)	35 x 7	Nelson/ACSS/TW	1628-50U*
1272 MCM	1.220" (30.99 mm)	35 x 7	Bittern/ACSS/TW	1628-50U*
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*
1371.5 MCM	1.248" (31.70 mm)	30 x 7	Truckee/ACSS/TW	1628-50U*
1351.5 MCM	1.256" (31.90 mm)	35 x 7	Dipper/ACSS/TW	1628-50U*
1272 MCM	1.264" (32.11 mm)	39 x 19	Pheasant/ACSS/TW	1628-50U*
1359.7 MCM	1.269" (32.23 mm)	36 x 7	Mackenzie/ACSS/TW	1628-50W*
1431 MCM	1.291" (32.79 mm)	36 x 7	Bobolink/ACSS/TW	1628-50W*
1467.8 MCM	1.292" (32.82 mm)	33 x 7	St. Croix/ACSS/TW	1628-50W*
1334.6 MCM	1.293" (32.84 mm)	39 x 19	Thames/ACSS/TW	1628-50W*
1351.5 MCM	1.300" (33.02 mm)	39 x 19	Martin/ACSS/TW	1628-50W*
1455.3 MCM	1.302" (33.07 mm)	36 x 7	Miramichi/ACSS/TW	1628-50W*
1569 MCM	1.334" (33.88 mm)	33 x 7	Platte/ACSS/TW	1628-50X*
1431 MCM	1.337" (33.96 mm)	39 x 19	Plover/ACSS/TW	1628-50X*
1433.6 MCM	1.338" (33.99 mm)	39 x 19	Merrimack/ACSS/TW	1628-50X*
1557.4 MCM	1.345" (34.16 mm)	36 x 7	Potomac/ACSS/TW	1628-50X*
1590 MCM	1.358" (34.49 mm)	36 x 7	Lapwing/ACSS/TW	1628-50X*
1533.3 MCM	1.382" (35.10 mm)	39 x 19	Rio Grande/ACSS/TW	1628-50X*
1657.4 MCM	1.386" (35.20 mm)	36 x 7	Schuykill/ACSS/TW	1628-50X*
1590 MCM	1.408" (35.76 mm)	42 x 19	Falcon/ACSS/TW	1628-50Y*
1622 MCM	1.424" (36.17 mm)	39 x 19	Pecos/ACSS/TW	1628-50Y*
1758.6 MCM	1.427" (36.25 mm)	37 x 7	Pee Dee/ACSS/TW	1628-50Y*
1780 MCM	1.445" (36.70 mm)	37 x 19	Chukar/ACSS/TW	1628-50Y*
1730.6 MCM	1.465" (37.21 mm)	39 x 19	James/ACSS/TW	1628-50Z*
1949.6 MCM	1.504" (38.20 mm)	42 x 7	Athabaska/ACSS/TW	1628-50Z*
1926.9 MCM	1.545" (39.24 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	1.762" (44.75 mm)	64 x 19	Santee/ACSS/TW	1628-50D*

\*Klein Tools recommends using the 1628-50 series grips for ACSS and ACSS/TW cable. Special order only.  
Application must be confirmed prior to ordering. Please allow 30 days for delivery. Jaw must be removed to insert cable.

Wire Pulling Grips





# AAC (All Aluminum Conductor)

## For Cable Diameter

### 4 AWG - 650 MCM

.231" - .928" (5.87 mm - 23.57 mm)

## MAXIMUM SAFE LOAD

See facing page  
for grip details.

AWG or MCM Cable Size	Diameter inches (mm)	No. of Alum. Strands	Code Word	A 4,500 lbs (2041 kg) Cat. No.	B 8,000 lbs (3629 kg) Cat. No.	C 15,000 lbs (6803 kg) Cat. No.	D 20,000 lbs (9072 kg) 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		1628-16PE*	
1/0	.369" (9.36 mm)	7	Poppy	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H		1628-16PF*	
2/0	.414" (10.51 mm)	7	Aster	1656-30, 1656-30H and S1656-30H		1628-16PG*	
3/0	.465" (11.81 mm)	7	Phlox	1656-30, 1656-30H and S1656-30H		1628-16PH*	
4/0	.522" (13.25 mm)	7	Oxlip	1656-30, 1656-30H and S1656-30H		1628-16PI*	
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		1656-50, 1656-50H and S1656-50H	1628-16PM*	
477 MCM	.794" (20.18 mm)	37	Syringa		1656-50, 1656-50H and S1656-50H	1628-16PM*	
500 MCM	.811" (20.60 mm)	19	Zinnia		1656-50, 1656-50H and S1656-50H	1628-16PM*	
500 MCM	.813" (20.65 mm)	37	Hyacinth		1656-50, 1656-50H and S1656-50H	1628-16PM*	
556.5 MCM	.856" (21.73 mm)	19	Dahlia		1656-50, 1656-50H and S1656-50H	1628-16PN*	1628-30N*
556.5 MCM	.858" (21.80 mm)	37	Mistletoe		1656-50, 1656-50H and S1656-50H	1628-16PN*	1628-30N*
600 MCM	.891" (22.63 mm)	37	Meadowsweet		1656-60, 1656-60H and S1656-60H		1628-300*
636 MCM	.918" (23.31 mm)	37	Orchid		1656-60, 1656-60H and S1656-60H		1628-300*
650 MCM	.928" (23.57 mm)	37	Heuchera		1656-60, 1656-60H and 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.

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.

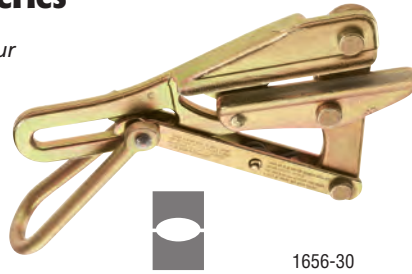
**⚠WARNING:** Always match proper size and type of grip to application.

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

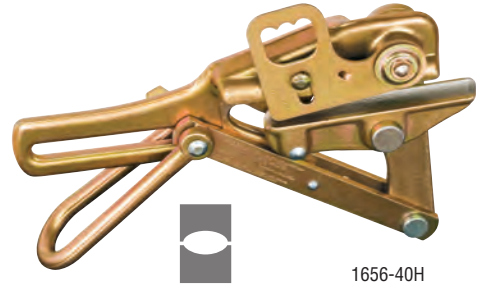


## Chicago® Grip – 1656 Series

- Round, smooth inside jaw contour on this series of grips is recommended for bare AAC.
- Smooth jaws grip with maximum contact and are less likely to cause cable deformation.



1656-30



1656-40H

### A 4,500 lbs. (2,041 kg) Maximum Safe Load

Cat. No.	Hot Latch Model No.	Hot Latch/Spring Model No.	Min. to Max. Cable AWG	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1656-20	1656-20H	S1656-20H	4 - 1/0	.231" - .369" (5.87 mm - 9.37 mm)	4" (102 mm)	3 lbs. (1.36 kg)
1656-30	1656-30H	S1656-30H	1 - 4/0	.328" - .522" (8.33 mm - 13.26 mm)	4-3/4" (121 mm)	3.75 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.	Min. to Max. Cable MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1656-40	1656-40H	S1656-40H	250 MCM - 397.5 MCM	.567" - .724" (14.40 mm - 18.39 mm)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-50	1656-50H	S1656-50H	450 MCM - 556.5 MCM	.769" - .858" (19.53 mm - 21.79 mm)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-60	1656-60H	S1656-60H	600 MCM - 650 MCM	.891" - .928" (22.63 mm - 23.57 mm)	5-1/2" (140 mm)	8.20 lbs (3.71 kg)

## Chicago® Grip – 1628-16P and 1628-30 Series

- Designed for large-diameter AAC cables.
- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating cable deformation.

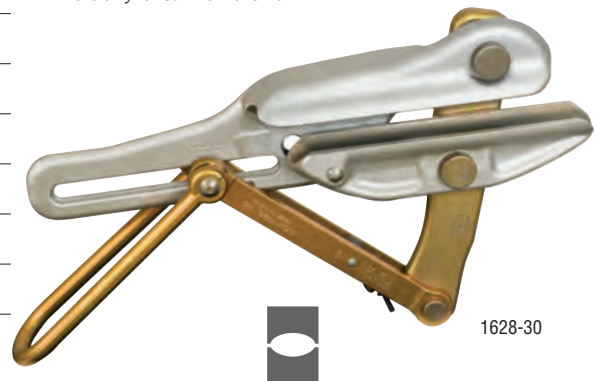
### C 15,000 lbs. (6,803 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable AWG or MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1628-16PE*	1	.328" (8.33 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PF*	1/0	.369" (9.37 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PG*	2/0	.414" (10.52 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PH* ‡	3/0	.465" (11.81 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PI*	250 MCM	.567" - .574" (14.40 mm - 14.58 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PJ*	266.8 MCM - 300 MCM	.586" - .628" (14.88 mm - 15.95 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PK*	336.4 MCM - 350 MCM	.665" - .678" (16.89 mm - 17.22 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PL*	397.5 MCM	.724" (18.39 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PM*	450 MCM - 500 MCM	.769" - .813" (19.53 mm - 20.65 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-16PN*	556.5 MCM	.856" - .858" (21.74 mm - 21.79 mm)	7-1/4" (184 mm)	17 lbs. (7.73 kg)



1628-16P

‡ The "H" suffix does not mean Hot Latch, this is only for Cat. No. 1628-16PH



1628-30

### D 20,000 lbs. (9,072 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1628-30N**	556.5 MCM	.856" - .858" (21.74 mm - 21.79 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-300**	600 MCM - 650 MCM	.891" - .928" (22.63 mm - 23.57 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)

\*\* Maximum safe stringing tension 12,500 lbs to minimize cable deformation.

\*These grips are special order only. Please allow 30 days for delivery. These are not returnable.



# AAC (All Aluminum Conductor)

## For Cable Diameter 700 - 2500 MCM

.963" - 1.823" (24.46 mm - 46.30 mm)

## MAXIMUM SAFE LOAD

See facing page  
for grip details.

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	5,500 lbs (2,268 kg) Cat. No.	8,000 lbs (3,629 kg) Cat. No.	20,000 lbs (9,072 kg) Cat. No.	25,000 lbs (11,340 kg) Cat. No.	25,000 lbs. with bolt on jaw Cat. No.
700 MCM	.963" (24.46 mm)	37	Verbena		1678-20	1628-30P*		1628-50P*
700 MCM	.964" (24.49 mm)	61	Flag		1678-20	1628-30P*		1628-50P*
715.5 MCM	.974" (24.73 mm)	37	Violet		1678-20	1628-30P*		1628-50P*
715.5 MCM	.975" (24.76 mm)	61	Nasturtium		1678-20	1628-30P*		1628-50P*
750 MCM	.997" (25.32 mm)	37	Petunia		1678-20	1628-30P*		1628-50P*
750 MCM	.998" (25.35 mm)	61	Cattail		1678-20	1628-30P*		1628-50P*
795 MCM	1.026" (26.07 mm)	37	Arbutus	1678-30		1628-30R*		1628-50R*
795 MCM	1.028" (26.11 mm)	61	Lilac	1678-30		1628-30R*		1628-50R*
800 MCM	1.029" (26.14 mm)	37	Fuchsia	1678-30		1628-30R*		1628-50R*
800 MCM	1.031" (26.19 mm)	61	Heliotrope	1678-30		1628-30R*		1628-50R*
874.5 MCM	1.076" (27.37 mm)	37	Anemone	1678-30		1628-30R*		1628-50R*
874.5 MCM	1.077" (27.36 mm)	61	Crocus	1678-30		1628-30R*		1628-50R*
900 MCM	1.092" (27.74 mm)	37	Cockscomb	1678-40		1628-30S*		1628-50S*
954 MCM	1.124" (28.55 mm)	37	Magnolia	1678-40		1628-30S*		1628-50S*
954 MCM	1.126" (28.60 mm)	61	Goldenrod	1678-40		1628-30S*		1628-50S*
1000 MCM	1.152" (29.26 mm)	61	Camellia	1678-50		1628-30T*		1628-50T
1000 MCM	1.152" (29.26 mm)	37	Hawkweed	1678-50		1628-30T*		1628-50T*
1033.5 MCM	1.170" (29.71 mm)	37	Bluebell	1678-50		1628-30T*		1628-50T*
1033.5 MCM	1.172" (29.76 mm)	61	Larkspur	1678-50		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 stranding tension 12,500 lbs to minimize cable deformation.

\* Special order. Please allow 30 days for delivery. These are not returnable.

## Chicago® Grip - 1678 Series

- Round jaws shaped to provide maximum contact with circumference of cable, less likely to cause cable deformation.
- Supplied with spring and locking loop handles, allowing jaws to be held in open position for easier placement on cable.



1678-30

### A 5,500 lbs. (2,495 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1678-30	795 MCM - 874.5 MCM	1.026" - 1.077" (26.06 mm - 27.36 mm)	5 11/16" (144mm)	8.20 lbs. (3.71 kg)
1678-40	900 MCM - 954 MCM	1.092" - 1.126" (27.74 mm - 28.60 mm)	5 11/16" (144mm)	8.20 lbs. (3.71 kg)
1678-50	1000 MCM - 1033.5 MCM	1.152" - 1.172" (29.26 mm - 29.77 mm)	5 11/16" (144mm)	7.90 lbs. (3.58 kg)

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.

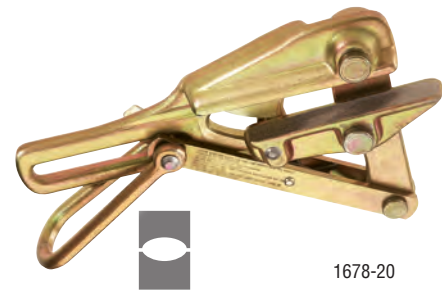
**⚠WARNING:** Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



## Chicago® Grip – 1678 Series (continued)

### B 8,000 lbs. (3,629 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1678-20	700 MCM - 750 MCM	.963" - .998" (24.46 mm - 25.35 mm)	5-11/16" (144 mm)	8.30 lbs. (3.71 kg)



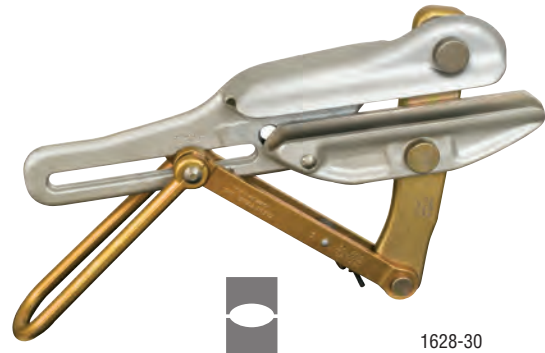
1678-20

## Chicago® Grip – 1628 Series

- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating cable deformation.

### C 20,000 lbs. (9,072 kg) Maximum Safe Load

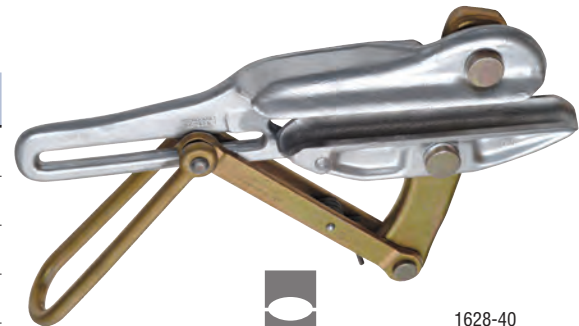
Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1628-30P*	700 MCM - 750 MCM	.963" - .998" (24.46 mm - 25.35 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-30R*	795 MCM - 874.5 MCM	1.026" - 1.077" (26.06 mm - 27.36 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-30S*	900 MCM - 954 MCM	1.092" - 1.126" (27.74 mm - 28.60 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-30T*	1000 MCM - 1033.5 MCM	1.152" - 1.172" (29.26 mm - 29.77 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-30U*	1113 MCM - 1192.5 MCM	1.216" - 1.258" (30.89 mm - 31.95 mm)	10-3/4" (273 mm)	27 lbs. (12.27 kg)



1628-30

### D 25,000 lbs. (11,340 kg) Maximum Safe Load

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1628-40U*	1113 MCM - 1192.5 MCM	1.216" - 1.258" (30.89 mm - 31.95 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40W*	1272 MCM	1.297" (32.94 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40X*	1351.5 MCM - 1431 MCM	1.339" - 1.379" (34.01 mm - 35.03 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40Y*	1510.5 MCM	1.417" (35.99 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40Z*	1590 MCM	1.454" (36.93 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-40A*	1750 MCM	1.524" (38.71 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)



1628-40

### E 25,000 lbs. (11,340 kg) Maximum Safe Load with bolt on jaw

Cat. No.	Min. to Max. Cable MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
1628-50P*	700 MCM - 750 MCM	.963" - .998" (24.46 mm - 25.35 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50R*	795 MCM - 874.5 MCM	1.026" - 1.077" (26.06 mm - 27.36 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50S*	900 MCM - 954 MCM	1.092" - 1.126" (27.74 mm - 28.60 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50T*	1000 MCM - 1033.5 MCM	1.152" - 1.172" (29.26 mm - 29.77 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50U*	1113 MCM - 1192.5 MCM	1.216" - 1.258" (30.89 mm - 31.95 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50W*	1272 MCM	1.297" (32.94 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50X*	1351.5 MCM - 1431 MCM	1.339" - 1.379" (34.01 mm - 35.03 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50Y*	1510.5 MCM	1.417" (35.99 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50Z*	1590 MCM	1.454" (36.93 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50A*	1750 MCM	1.524" (38.71 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50B*	2000 MCM	1.630" (41.40 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50D*	2250 MCM	1.729" (43.92 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50E*	2500 MCM	1.823" (46.30 mm)	10-3/4" (273 mm)	34 lbs. (15.45 kg)

\*These grips are special order only. Please allow 30 days for delivery. These are not returnable.



- Removable bolt on floating jaw, secured by a slotted nut and cotter pin. Jaw provides increased cable coverage.

**Note:** Jaw must be removed to insert cable.

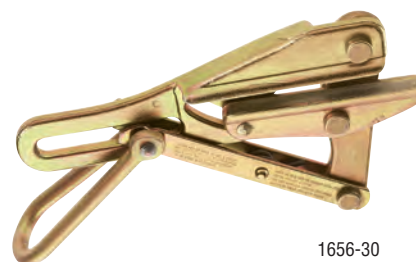




# Copper – Chicago® Grips

## Bare Stranded Chicago® Grips – 1656 Series

- Round, smooth inside jaw contour on this series of grips is ideal for stranded-copper cables.
- Smooth jaws grip with maximum contact and are less likely to cause cable deformation.



1656-30

Cat. No.	Hot Latch Model No.	Hot Latch/Spring Model No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>					
1656-20	1656-20H	S1656-20H	.20" - .40" (5.08 mm - 10.16 mm)	4" (102 mm)	3 lbs. (1.36 kg)
1656-30	1656-30H	S1656-30H	.31" - .53" (7.87 mm - 13.46 mm)	4 3/4" (121 mm)	3.75 lbs (1.70 kg)
<b>8,000 lbs. (3,629) Maximum Safe Load</b>					
1656-40	1656-40H	S1656-40H	.53" - .74" (13.46 mm - 18.80 mm)	5 1/2" (140 mm)	8.30 lbs (3.76 kg)
1656-50	1656-50H	S1656-50H	.74" - .86" (18.80 mm - 21.84 mm)	5 1/2" (140 mm)	8.30 lbs (3.76 kg)
1656-60	1656-60H	S1656-60H	.86" - .96" (21.84 mm - 24.38 mm)	5 1/2" (140 mm)	8.20 lbs (3.71 kg)



## Weatherproof Stranded and Solid Chicago® Grips – 1611 Series

- Round inside jaw contour for weatherproof coated wire.
- Notches in jaw provide firm grip on insulation.



Notched Jaw



1611-30

Cat. No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>			
1611-20	.20" - .40" (5.08 mm - 10.16 mm)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1611-30	.31" - .53" (7.87 mm - 13.46 mm)	4-3/4" (121mm)	3.75 lbs (1.70 kg)
<b>8,000 lbs. (3,629) Maximum Safe Load</b>			
1611-40	.53" - .74" (13.46 mm - 18.80 mm)	5-11/16" (144 mm)	7.75 lbs (3.52 kg)
1611-50	.74" - .86" (18.80 mm - 21.84 mm)	5-11/16" (144 mm)	7.75 lbs (3.52 kg)

Note: Due to various types of weatherproof coatings available, selection of proper grips is determined by outside diameter of cable.

## PVC-Covered Chicago® Grips – 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.



Serpentine Jaw



1659-30

Cat. No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>			
1659-20	.20" - .42" (5.08 mm - 10.67 mm)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1659-30	.31" - .50" (7.87 mm - 12.70 mm)	4-3/4" (121 mm)	3.75 lbs (1.70 kg)
<b>8,000 lbs. (3,629) Maximum Safe Load</b>			
1659-40	.49" - .79" (12.45 mm - 20.07 mm)	5-11/16" (144 mm)	7.75 lbs (3.52 kg)
1659-50	.79" - 1.01" (20.07 mm - 25.56 mm)	5-11/16" (144 mm)	7.75 lbs (3.52 kg)



All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.

## Bell System B, L, and H Chicago® Grips – 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.
- 1684 - 5AT is identical to Bell-System type "L" Strand Puller.
- 1628 - 16AT is identical to Bell-System type "H" Strand Puller.

Cat. No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>			
1659-5AT ("B" Strand Puller)	.20" - .37" (5.08 mm - 9.40 mm)	5" (127mm)	6.70 lbs. (3.03 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>			
1684-5AT ("L" Strand Puller)	.218" - .550" (5.54 mm - 13.97 mm)	5" (127mm)	6.9 lbs (3.13 kg)
1692-5AT ("L" Strand Puller)	.218" - .550" (5.54 mm - 13.97 mm)	5" (127mm)	6.6 lbs (3.00 kg)
<b>15,000 lbs. (6,803 kg) Maximum Safe Load</b>			
1628-16AT ("H" Strand Puller)	.31" - .62" (7.87 mm - 15.75 mm)	7 1/4" (184 mm)	15.80 lbs (7.16 kg)

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

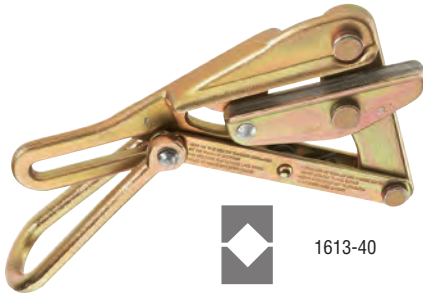


1659-5AT

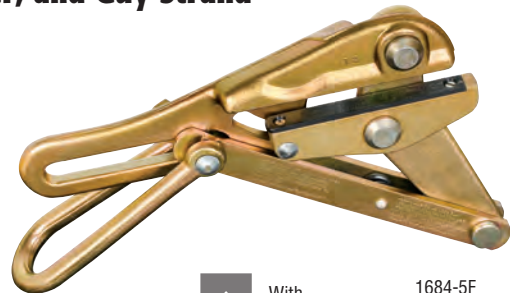


Serpentine Jaw

## Aircraft Cable, EHS (Extra-High-Strength), Messenger, and Guy Strand Chicago® Grips – 1613, 1628, 1684 and 1692 Series



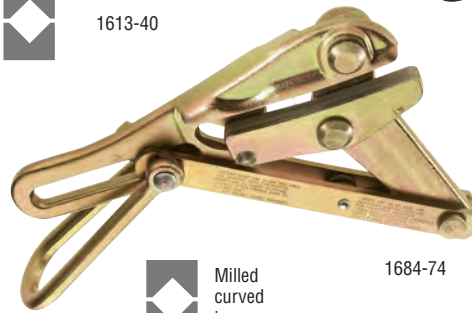
1613-40



1684-5F



With file insert



1684-74



Milled curved jaw

- A family of grips designed for cable sizes from .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. (1684-5F is a Single V with file insert.)



Replacement screws (Cat. No. 573) and file (Cat. No. 578)

Cat. No.	Hot Latch Model No.	Hot Latch/Spring Model No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>4,500 lbs. (2,041 kg) Maximum Safe Load</b>					
1613-40	1613-40H	S1613-40H	.12" - .37" (3.05 mm - 9.40 mm)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>					
1684-5F (includes replacement file)	NA	NA	.16" - .550" (4.06 mm - 13.97 mm)	5" (127 mm)	6.25 lbs. (2.84 kg)
1684-5	1684-5H	S1684-5H	.218" - .550" (5.54 mm - 13.97 mm)	5" (127 mm)	6.25 lbs. (2.84 kg)
1692-5 (larger clamping force than 1684-5)	NA	NA	.218" - .550" (5.54 mm - 13.97 mm)	5" (127 mm)	6.40 lbs. (2.89 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load – EHS Specific</b>					
1684-74 (includes curved jaw)	NA	S1684-74H	.218" - .550" (5.54 mm - 13.97 mm)	5" (127 mm)	6.30 lbs. (2.85 kg)
<b>15,000 lbs. (6,803 kg) Maximum Safe Load</b>					
1628-16	NA	NA	.31" - .62" (7.87 mm - 15.75 mm)	7-1/4" (184 mm)	15.30 lbs. (7.00 kg)
1628-17	NA	NA	.50" - .75" (12.70 mm - 19.05 mm)	7-1/4" (184 mm)	16.30 lbs. (7.40 kg)
1628-18	NA	NA	.75" - 1.00" (19.05 mm - 25.40 mm)	7-1/4" (184 mm)	15.70 lbs. (7.10 kg)

All dimensions are in inches and (millimeters) unless otherwise specified.

**WARNING:** See facing page.



## Copper/Steel Strand – Chicago® Grips

### Bare Wire

#### Chicago® Grips – 1613 Series

- Designed for working with solid and stranded bare wire from .08" (2 mm) to .20" (5.1 mm).
- Lightweight, especially economical grip.
- Single "V" groove jaw.



1613-30

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1613-30	12 B&S solid .08" (2.03 mm)	4 B&S solid .20" (5.08 mm)	1500 lbs. (680 kg)	3" (76 mm)	1.50 lbs. (.68 kg)

## Steel Strand – Haven's® Grips

### Messenger and Guy Strand Haven's® Grips – 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.



1604-20

Cat. No.	Latch Model	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>2,500 lbs. (1,134 kg) Maximum Safe Load</b>				
1604-10	NA	.06" - .25" (1.52 mm - 6.35 mm)	N/A	1 lb. (.45 kg)
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>				
1604-20	1604-20L	.125" - .50" (3.18 mm - 12.70 mm)	N/A	2.08 lbs. (1.14 kg)



1604-20L

### Wire Rope

#### Haven's® Grips – 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.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>			
1625-20	.28" - .75" (7.11 mm - 19.05 mm)	N/A	4 lbs. (1.81 kg)
1625-20 7/8	.38" - .88" (9.65 mm - 22.35 mm)	N/A	4 lbs. (1.81 kg)
1625-20 1	.50" - 1.00" (12.70 mm - 25.40 mm)	N/A	4 lbs. (1.81 kg)

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.

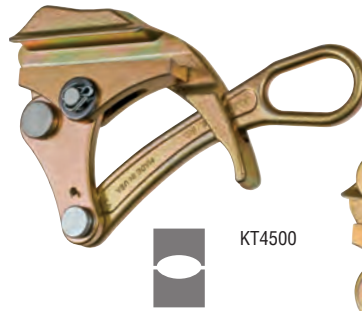
**⚠WARNING:** Always match proper size and type of grip to application.

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



## Parallel Jaw Grips – KT4500, KT4600 and KT4800 Series

- 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.



KT4500



KT4602

Cat. No.	Min. to Max. Cable Diameter inches (mm)	Hot Latch	Spring	Locking Handle	Jaw Length	Approx. Weight Each
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>						
KT4500	.180" - .600" (4.57 mm - 15.2 mm)		X		3" (76 mm)	3.75 lbs. (1.70 kg)
KT4501	.180" - .600" (4.57 mm - 15.2 mm)	X	X	X	3" (76 mm)	3.75 lbs. (1.70 kg)
KT4502	.180" - .600" (4.57 mm - 15.2 mm)	X			3" (76 mm)	3.75 lbs. (1.70 kg)
<b>10,000 lbs. (4,536 kg) Maximum Safe Load</b>						
KT4600	.300" - .800" (7.62 mm - 20.3 mm)		X		5" (127 mm)	7 lbs. (3.18 kg)
KT4601	.300" - .800" (7.62 mm - 20.3 mm)	X	X	X	5" (127 mm)	7 lbs. (3.18 kg)
KT4602	.300" - .800" (7.62 mm - 20.3 mm)	X			5" (127 mm)	7 lbs. (3.18 kg)
<b>12,000 lbs. (5,443 kg) Maximum Safe Load</b>						
KT4800	.700" - 1.25" (17.8 mm - 31.8 mm)		X		5-1/8" (130 mm)	9 lbs. (4.1 kg)
KT4801	.700" - 1.25" (17.8 mm - 31.8 mm)	X	X	X	5-1/8" (130 mm)	9 lbs. (4.1 kg)
KT4802	.700" - 1.25" (17.8 mm - 31.8 mm)	X			5-1/8" (130 mm)	9 lbs. (4.1 kg)

Klein Tools recommends using KT4500, KT4501 or KT4502 series of grips for Bezinai® GALFAN (ASTM B750) coated guy strand.

Bezinai® is a registered trademark of Bekaert Corporation.

## Parallel Jaw Grips – 1685 Series

- 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.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>4,500 lbs. (2,041) Maximum Safe Load</b>			
1685-20	.157" - .875" (4 mm - 22 mm)	2-1/2" (64 mm)	3 lbs. (1.30 kg)
<b>7,500 lbs. (3,400 kg) Maximum Safe Load</b>			
1685-31	.625" - 1.250" (16 mm - 32 mm)	4-1/2" (114 mm)	5 lbs. (2.27 kg)

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠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.





## Wide Range of Cables

### Parallel Jaw Grips – 1686-10, 1686-20, 1671-10 and 1672-10

- Longer jaws achieve a firm hold, reducing possibility of slippage and 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. No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
<b>10,000 lbs. (4,536 kg) Maximum Safe Load</b>			
1686-10	.20" - .40" (5.08 mm - 10.16 mm)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1686-20 Knurled Jaw	.20" - .40" (5.08 mm - 10.16 mm)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1671-10	.37" - .75" (9.40 mm - 19.05 mm)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1672-10 Knurled Jaw	.37" - .75" (9.40 mm - 19.05 mm)	4-3/8" (111 mm)	5 lbs. (2.27 kg)



1672-10

## Accessories

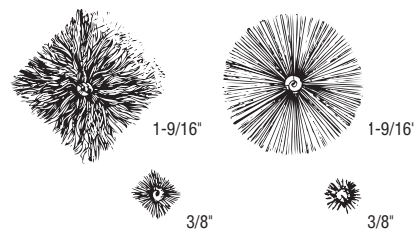
### Grip-Cleaning Brush Set

- Set of four wire-bristle brushes designed for cleaning Klein wire and cable-pulling grips.
- Brushes have stiff wire bristles.
- Available in round and square shapes and two lengths for efficient cleaning of different jaw configurations.
- Semi-flexible steel shafts set into comfortable wooden handles provide the necessary reach into grip jaws.

Cat. No.	Set Contains	Weight (lbs.)
25450		1.00
Description	Bristle Diameter and Length	Overall Length
round-bristle	3/8" x 3" (10 mm x 76 mm)	12" (305 mm)
square-bristle	3/8" x 3" (10 mm x 76 mm)	12" (305 mm)
round-bristle	1-9/16" x 5" (40 mm x 127 mm)	14" (356 mm)
square-bristle	1-9/16" x 5" (40 mm x 127 mm)	14" (356 mm)



25450



### 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 cam-lock to hold the load at any distance.
- All metal parts are galvanized.
- Max. safe load 500 lbs. (225 kg).

Cat. No.	Description	Weight (lbs.)
1702-20N	Klein-Kord® strap 1" x 7' (25 mm x 2.1 m)	1.95



1702-20N

All dimensions are in inches and (millimeters) unless otherwise specified.

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**⚠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.

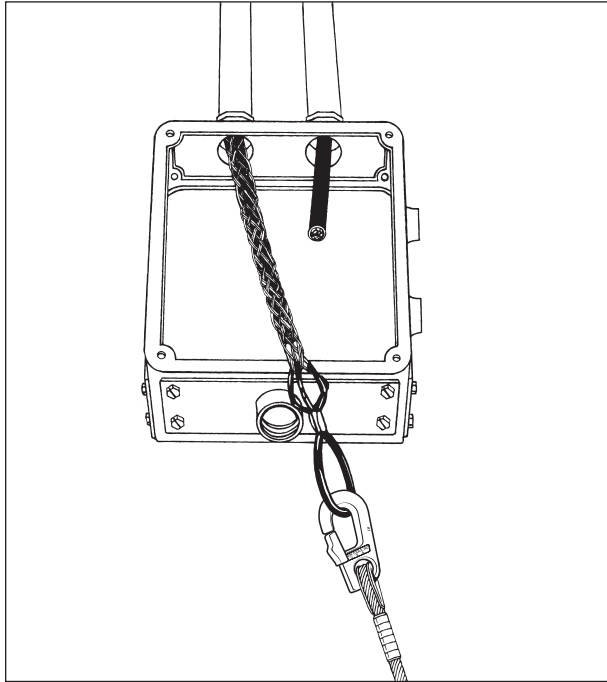
# Introduction – Wire-Mesh Grips

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.

**KPM** medium-duty grips are flexible and easily handled, ideal for use where the exceptional strength of heavy-duty grips is not required.

**KP** and **KPS** series are recommended for heavy-duty application for underground installations. The **KPS** series has a “rotating eye” to allow twists in the cable to spin out during slack periods.

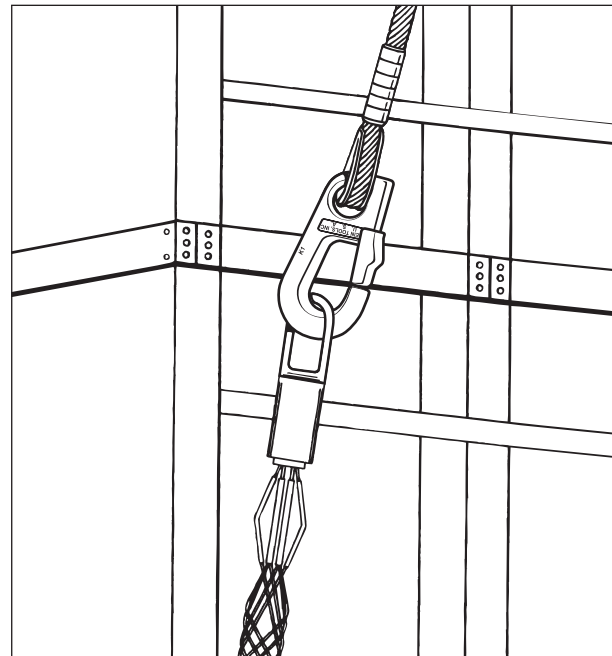
**KSCK** medium-duty slack-pulling grips with closed double-weave mesh are used for final placement of underground cable where cable end is available, or for removing cable. Standard lengths are used in restricted space for short pulls. Where space is not restricted, longer lengths are used for higher 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.

**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 are for lower pulling loads.

## Prefix Letter Code

<b>KP</b>	Pulling, Heavy-Duty, Closed-Mesh, Double-Weave, Flexible Eye
<b>KPJ</b>	Pulling, Junior-Duty, Closed-Mesh, Single-Weave, Flexible Eye
<b>KPL</b>	Pulling, Light-Duty, Closed-Mesh, Single-Weave, Flexible Eye
<b>KPM</b>	Pulling, Medium-Duty, Closed-Mesh, Double-Weave, Flexible Eye
<b>KPS</b>	Pulling, Heavy-Duty, with Rotating Eye, Closed-Mesh, Double-Weave
<b>KSCK</b>	Slack-Pulling, Closed-Mesh, Double-Weave, Offset Flexible Eye
<b>KSSK</b>	Slack-Pulling, Split-Mesh, Double-Weave, Lace Closure, Offset Flexible Eye
<b>KSRK</b>	Slack-Pulling, Split-Mesh, Single-Weave, Rod Closure, Offset Flexible Eye



## Catalog Number Explanation

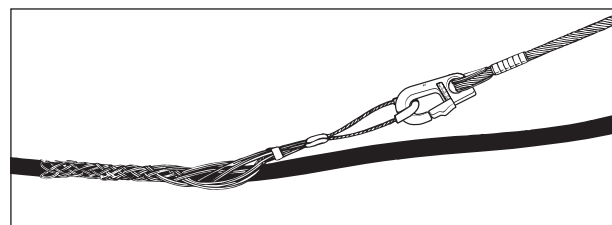
<b>KPS</b>	—	<b>050</b>	—	<b>2</b>
Grip Type* and Mesh		Cat. No.** Size Code		Final Digit, if any, refers to mesh length range or actual dimension.

\* 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

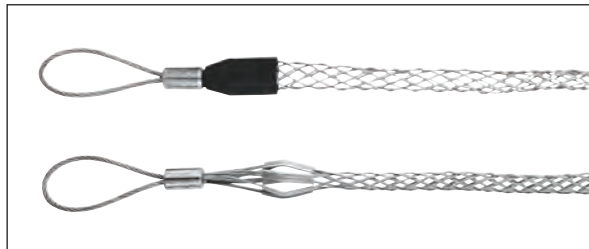
## How to select proper grip eye and mesh type

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.

### 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

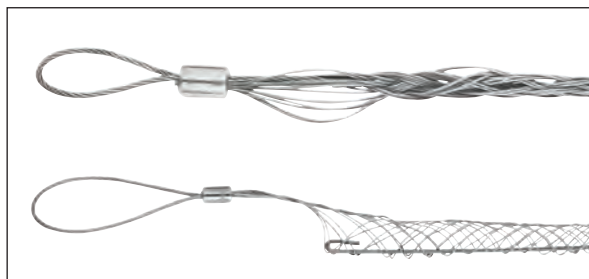
Recommended for heavier pulling jobs and underground wiring, this pulling grip eye is furnished on double-weave mesh grips in a wide range of lengths. The rotating eye compensates for pulling torque, relieving strain on the cable. **Rotating-eye grips should not be used on rope or as a swivel.**



### 3. Offset Flexible Eye: Closed and Split Mesh

#### KSCK/KSSK/KSRK

These slack-pulling grips come in three styles: (1) double-weave closed-mesh (for medium duty where the end of the cable is available), (2) double-weave split-mesh with lace closure (medium duty, where cable end is not available) and (3) single-weave split-mesh with rod closure (light duty, where cable end is not available).



## How grips are attached to cable

### Closed-mesh grips

Closed-mesh grips simply slip over the cable where the cable end is accessible.

### Split-mesh grips

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

Split-mesh grips with rod closure can be quickly installed. 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.

## 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.



## 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
0.25–0.37	0.16–0.25	0.15–0.22	0.12–0.20	0.11–0.14	0.10–0.11	0.09–0.10	0.06–0.09	025	0.12–0.37
0.37–0.50	0.25–0.36	0.22–0.33	0.20–0.28	0.14–0.25	0.11–0.25	0.10–0.20	0.09–0.19	037	0.37–0.50
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
1.75–2.00	1.08–1.23	0.89–1.02	0.77–0.88	0.67–0.77	0.60–0.69	0.54–0.62	0.49–0.57	175	1.75–2.00
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

**Cable Diameters in Fractional 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
1/4–3/8	1/64–1/4	5/32–7/32	1/8–13/64	7/64–9/64	3/32–7/64	3/32–7/64	1/16–3/32	025	1/8–3/8
3/8–1/2	1/4–23/64	7/32–21/64	13/64–9/32	9/64–1/4	7/64–1/4	7/64–13/64	3/32–3/16	037	3/8–1/2
5/8–3/4	23/64–29/64	21/64–23/64	9/32–5/16	1/4–19/64	7/32–17/64	13/64–15/64	3/16–7/32	050	1/2–5/8
1/2–5/8	17/64–23/64	7/64–21/64	15/64–9/32	7/32–1/4	3/16–7/32	11/64–13/64	5/32–3/16	062	5/8–3/4
3/4–1	29/64–39/64	23/64–31/64	5/16–27/64	19/64–3/8	17/64–11/32	15/64–5/16	7/32–5/16	075	3/4–1
1–1 1/4	39/64–49/64	31/64–5/8	27/64–35/64	3/8–31/64	11/32–7/16	5/16–25/64	19/64–23/64	100	1–1 1/4
1 1/4–1 1/2	49/64–29/32	5/8–49/64	35/64–21/32	31/64–37/64	7/16–33/64	25/64–15/32	23/64–7/16	125	1 1/4–1 1/2
1 1/2–1 3/4	29/32–1 5/64	49/64–57/64	21/32–49/64	37/64–43/64	33/64–39/64	15/32–35/64	7/16–31/64	150	1 1/2–1 3/4
1 3/4–2	1 5/64–1 15/64	57/64–1 1/64	49/64–7/8	43/64–49/64	39/64–11/16	35/64–5/8	31/64–37/64	175	1 3/4–2
2–2 1/2	1 15/64–1 35/64	1 1/64–1 9/32	7/8–1 3/32	49/64–31/32	11/16–55/64	5/8–49/64	37/64–23/32	200	2–2 1/2
2 1/2–3	1 35/64–1 27/32	1 9/32–1 17/32	1 3/32–1 21/64	31/32–1 5/32	55/64–1 1/32	49/64–15/16	23/32–55/64	250	2 1/2–3
3–3 1/2	1 27/32–2 5/32	1 17/32–1 51/64	1 21/64–1 35/64	1 5/32–1 23/64	1 1/32–1 13/64	15/16–1 5/64	55/64–1	300	3–3 1/2
3 1/2–4	2 5/32–2 29/64	1 51/64–2 3/64	1 35/64–1 49/64	1 23/64–1 35/64	1 13/64–1 3/8	1 5/64–1 15/64	1–1 9/64	350	3 1/2–4





# Introduction – Wire-Mesh Grips

**Table 2**

## Pulling-Grip Selection Table for Cables of Different Diameters to Be Pulled in One Grip

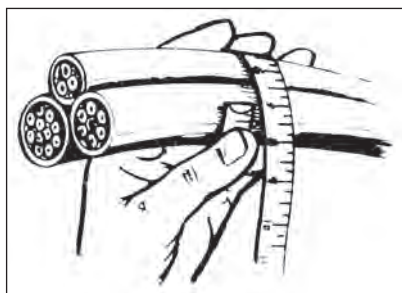
Grip Circumference Range		Cat. No. Size Code	Grip Diameter Range	
Fractional Inches	Decimal Inches		Fractional Inches	Decimal Inches
25/32–1-11/64	.78–1.17	025	1/8–3/8	.12–.37
1-11/64–1-37/64	1.17–1.57	037	3/8–1/2	.37–.50
1-37/64–1-15/16	1.57–1.94	062	1/2–5/8	.50–.62
1-37/64–2-3/8	1.57–2.37	050	5/8–3/4	.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
5-33/64–6-19/64	5.51–6.29	175	1-3/4–2	1.75–2.00
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. Determine grip circumference range by measuring circumference of bundle of cables to be held.
2. Read down to locate correct range.
3. Read across for catalog number size code.

### Example:

For four cables together with circumference of 6.35", use grip containing catalog number size code "200".



**Table 4**

## Reference Table: AWG Wire Sizes

For your convenience, the following are representative Portable Cord diameters.

AWG Wire Size & Type	Conductors							
	2		3		4		5	
18 SO, STO	.390	.390	.410	.405	.440	.435	.500	.495
18 SJO, SJTO	.310	.300	.330	.330	.360	.360	–	–
16 SO, STO	.410	.405	.430	.430	.490	.485	.530	.525
16 SJO, SJTO	.330	.330	.340	.360	.390	.390	–	–
14 SO, STO	.530	.530	.560	.560	.610	.605	.680	.685
12 SO, STO	.610	.605	.640	.640	.680	.670	.750	.730
10 SO, STO	.650	.640	.690	.695	.750	.820	.815	–
8 SO, STO	.810	.810	.910	.910	.990	.990	1.080	1.080
6 SO, STO	.930	.930	1.010	1.010	1.100	1.100	1.200	1.200

**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

**Table 5**

## Reference Table: AWG or MCM Wire Sizes

This table is to be used as a guide only. Sizes may vary by manufacturer.

AWG OR MCM	Diameter	
	TTHN	THW
14	.105	.162
12	.122	.179
10	.153	.199
8	.201	.259
6	.257	.323
4	.328	.372
3	.356	.401
2	.388	.433
1	.450	.508
1/0	.491	.549
2/0	.537	.595
3/0	.588	.647
4/0	.646	.705
250	.716	.788
300	.771	.843
350	.822	.895
400	.869	.942
500	.955	1.03
600	–	1.12
700	–	1.19
750	–	1.22
1000	–	1.38



## Single-Weave, Flexible-Eye Pulling Grips



Cable Dia. *	KPJ Junior Duty				KPL Light Duty			
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Short Length			
					Cat. No.	Mesh Length	Maximum Safe Load	Wt.
.50"-.61"	KPJ-50	8.5"	260 lbs. (118 kg)	.05 lbs.	—	—	—	—
.75"-.99"	KPJ-75	10"	560 lbs. (254 kg)	.10 lbs.	—	—	—	—
1.00"-1.24"	KPJ-100	11.5"	780 lbs. (354 kg)	.28 lbs.	—	—	—	—
1.25"-1.49"	—	—	—	—	KPL-125-1	14"	1060 lbs. (481 kg)	.40 lbs.
1.50"-1.74"	—	—	—	—	KPL-150-1	15"	1360 lbs. (617 kg)	.40 lbs.
2.00"-2.49"	—	—	—	—	KPL-200-1	18"	1700 lbs. (771 kg)	.65 lbs.

KPJ-62

\*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

## Double-Weave, Flexible-Eye Pulling Grips



KPM-075

Cable Dia. *	KPM Medium Duty				KP Heavy Duty							
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Short Length				Medium Length			
					Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.
.50"-.61"	KPM-050	13"	480 lbs. (218 kg)	.10 lbs.	—	—	—	—	—	—	—	—
.75"-.99"	KPM-075	16"	1030 lbs. (467 kg)	.20 lbs.	KP-075-24	24"	1360 lbs. (617 kg)	.50 lbs.	KP-075-36	36"	1360 lbs. (617 kg)	.74 lbs.
1.00"-1.37"	KPM-100	18"	1420 lbs. (644 kg)	.40 lbs.	—	—	—	—	—	—	—	—
1.00"-1.49"	—	—	—	—	KP-100-24	24"	1920 lbs. (871 kg)	1.1 lbs.	KP-100-36	36"	1920 lbs. (871 kg)	1.0 lbs.
1.50"-1.99"	—	—	—	—	—	—	—	—	KP-150-36	36"	3280 lbs. (1488 kg)	1.6 lbs.

\*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

## Double-Weave, Rotating-Eye Pulling Grips



KPS-062-1

Cable Dia. *	KPS Heavy Duty							
	Medium Length				Medium-Long Length			
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.
.50"-.61"	KPS-050-2	16"	1120 (508 kg)	.45 lbs.	—	—	—	—
.62"-.74"	KPS-062-2	16"	1360 (617 kg)	.50 lbs.	—	—	—	—
.75"-.99"	KPS-075-2	20"	1360 (617 kg)	.85 lbs.	—	—	—	—
1.00"-1.24"	KPS-100-2	20"	2560 (1161 kg)	1.9 lbs.	—	—	—	—
1.00"-1.49"	—	—	—	—	KPS-100-3	33"	3280 (1488 kg)	2.4 lbs.
1.25"-1.49"	KPS-125-2	21"	2560 (1161 kg)	1.9 lbs.	—	—	—	—
1.50"-1.99"	KPS-150-2	25"	3280 (1488 kg)	2.2 lbs.	KPS-150-3	34"	3280 (1488 kg)	2.5 lbs.
2.00"-2.49"	KPS-200-2	26"	5440 (2468 kg)	4.1 lbs.	KPS-200-3	36"	5440 (2468 kg)	4.7 lbs.
2.50"-2.99"	KPS-250-2	28"	6600 (2994 kg)	5.3 lbs.	—	—	—	—
3.00"-3.49"	KPS-300-2	30"	8200 (3720 kg)	6.1 lbs.	—	—	—	—
3.50"-3.99"	KPS-350-2	32"	9600 (4355 kg)	6.8 lbs.	—	—	—	—

\*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

**⚠WARNING:** Do NOT exceed maximum safe load as listed on the label attached to the product.

**⚠WARNING:** Do NOT use on live circuits.

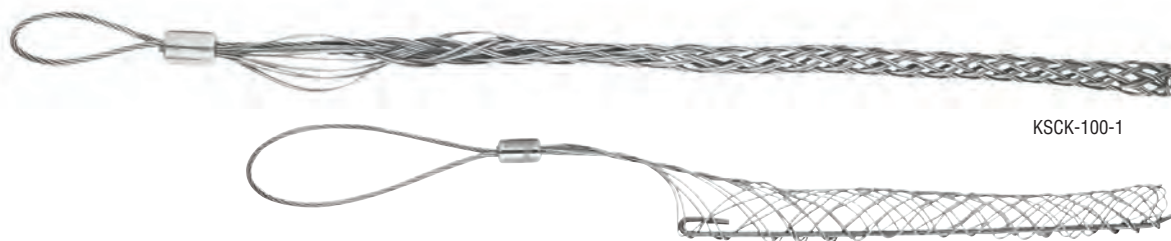
**⚠WARNING:** Always match proper size and type of grip to application.

**⚠WARNING:** Always inspect equipment before use.



# Wire-Mesh Grips

## Slack-Pulling, Offset Flexible-Eye Pulling Grips



KSKK-100-1

KSRK-062-1

Cable Dia. *	KSKK Medium Duty – Standard Length				KSSK Medium Duty – Standard Length			
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.
.75"–.99"	—	—	—	—	<b>KSSK-075-1</b>	12"	500 lbs. (227 kg)	.30 lbs.
1.00"–1.24"	<b>KSKK-100-1</b>	15"	800 lbs. (363 kg)	.50 lbs.	<b>KSSK-100-1</b>	15"	700 lbs. (318 kg)	.25 lbs.
1.25"–1.49"	—	—	—	—	<b>KSSK-125-1</b>	16"	800 lbs. (363 kg)	.25 lbs.

\*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.



**⚠WARNING:** Do NOT exceed maximum safe load as listed on the label attached to the product.

**⚠WARNING:** Do NOT use on live circuits.

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

**⚠WARNING:** Always inspect equipment before use.



# Steel 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, have a long usage life and maintain trouble-free service while saving users time on the jobsite.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Steel Construction Tools





# Construction Tools

## Tie-Wire Reel

- Rugged, lightweight reel is smooth aluminum alloy with wear parts made of steel.
- Feeds pre-coiled wire smoothly, easily and quickly to save time and reduce wasted wire.
- Designed for left- or right-hand use.
- Large, comfortable rewind knob.
- Easily-removed cover plate that permits quick, convenient reloading to handle all types of wire.
- Optional accessory rigging-leather belt and hip pad available separately.



27400

Cat. No.	Diameter	Width	Weight (lbs.)
27400	6-1/4" (159 mm)	2-25/32" (71 mm)	2.35

Ironworker's heavy-duty tie-wire belts available. Tie-wire pad available.

## Rebar Hickeys



64308

- 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 (lbs.)
64308	1	nos. 3 (.375" dia.), 4 (.500" dia.)	single 65°	24" (610 mm)	2.50
64309	1a	nos. 3 (.375" dia.), 4 (.500" dia.)	double 65° and 90°	24" (610 mm)	3.50
64310	2	no. 5 (.625" dia.)	single 65°	40" (1016 mm)	7.50
64311	3	no. 6 (.750" dia.)	single 65°	40" (1016 mm)	8.00
64312	4	nos. 7 (.875" dia.), 8 (1.00" dia.), 9 (1.128" dia.)	single 65°	60" (1524 mm)	16.40

## Grizzly® Bar



64306

- A heavy, strong, multi-purpose tool that saves time and effort on the job.
- The 3" (76 mm) width protects concrete when stripping forms.
- Efficient blade angle and 55-1/2" (141 cm) 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.
- Very efficient nail-pulling tool even in awkward positions.
- 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 (lbs.)
64306	55-1/2" (1410 mm)	12.00

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Always wear approved personal protective equipment.

**⚠WARNING:** Do NOT exceed rated capacity for rebar shear and rebar hickies.

# Ripping Bar

## Carbon-Steel Ripping Bar



66380

- Strong, high-carbon forged steel construction.
- Heat-treated claws for extra strength.
- Efficient, double-claw design.
- Baked-on black finish for rust resistance.
- Heavy 90° claw gets into tight spaces.
- Includes one "V" nail puller.
- Thinner straight claw for ripping has both "V" and keyhole nail pullers.

Cat. No.	Overall Length	Weight (lbs.)
66380	18" (457 mm)	2.50

## Spring-Steel Ripping Bar



66384

- Forged spring steel 1/4" (6 mm) thick and 1-1/2" (38 mm) wide.
- Fully heat-treated with sandblasted finish for better gripping.
- Both ends with pry edge and "V" nail puller; one end curved, the other at 90° angle.
- Keyhole nail-puller in body.

Cat. No.	Overall Length	Weight (lbs.)
66384	14" (356 mm)	1.60

## Connecting Bars

### Hex Bars



3242

- 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.	Hex Diameter	Length	Weight (lbs.)
3242	3/4" (19 mm)	30" (762 mm)	3.50
3243	7/8" (22 mm)	36" (914 mm)	6.00
3244	3/4" (19 mm)	24" (610 mm)	2.50
<b>Straight Chisel-End</b>			
3240	3/4" (19 mm)	30" (762 mm)	3.80

### Round Bars



3245

- Provides extra leverage when positioning steel members and aligning bolt holes.
- Forged fit-up bar is pointed on one end.
- Chisel-end is at a 15° angle to give even greater leverage.

Cat. No.	Diameter	Length	Weight (lbs.)
3245	3/4" (19 mm)	30" (762 mm)	3.30
3246	7/8" (22 mm)	36" (914 mm)	5.50
3247	3/4" (19 mm)	24" (610 mm)	2.50
3248	7/8" (22 mm)	30" (762 mm)	4.30
<b>Straight Chisel-End</b>			
3241	3/4" (19 mm)	30" (762 mm)	3.20

## Pins

### Standard Bull Pins



3252

- Machined from quality alloy steel.
- Standard design offers greater initial economy, but no added protection against mushrooming.
- Heat-treated for strength.
- Black finish for rust resistance.

### Broad Head Bull Pins



3255

- Forged, heat-treated bull pin increases efficiency by providing a larger striking surface.
- Head design also reduces chance of pin slipping from the hand when aligning holes.
- Angled head and smooth blending of radii increase strength and reduce the danger of chipping.

Cat. No.	Top Diameter	Point Diameter	Length	Weight (lbs.)
3251	1-1/16" (27 mm)	3/8" (10 mm)	15" (381 mm)	2.50
3252	1-3/16" (30 mm)	7/16" (11 mm)	15" (381 mm)	3.10
3257	1-1/16" (27 mm)	3/8" (10 mm)	12" (305 mm)	1.70
3258	1-3/16" (30 mm)	7/16" (11 mm)	12" (305 mm)	2.10
3259	1-5/16" (33 mm)	7/16" (11 mm)	12" (305 mm)	2.50
3265	1-1/4" (32 mm)	7/16" (11 mm)	12" (305 mm)	2.50

Note: OSHA 1926.301 (c) specifically states: "Impact tools, such as drift pins, wedges and chisels, shall be kept free of mushroomed heads."

- Below the head, squared-off shoulders have been forged to provide a surface for applying wrench to loosen wedged bull pins.
- Long, even taper reduces binding and hang-up.
- Added resistance to "mushrooming" permitting much longer use than is possible with conventional designs.
- Heat-treated for strength, black finish for rust resistance.

Cat. No.	Top Diameter	Point Diameter	Length	Weight (lbs.)
3255	1-1/4" (32 mm)	5/16" (8 mm)	13-3/4" (349 mm)	2.90
3256	1-1/16" (27 mm)	1/4" (6 mm)	10" (254 mm)	1.60

Note: OSHA 1926.301 (c) specifically states: "Impact tools, such as drift pins, wedges and chisels, shall be kept free of mushroomed heads."

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

## Pins

### 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 (lbs.)
3260	11/16" (18 mm)	5/16" (8 mm)	7-1/2" (191 mm)	.60
3261	13/16" (21 mm)	7/16" (11 mm)	8" (203 mm)	.85
3262	15/16" (24 mm)	1/2" (13 mm)	8" (203 mm)	1.10
3263	1-1/16" (27 mm)	9/16" (14 mm)	8" (203 mm)	1.50

## Construction Wrenches

### Adjustable-Head Construction Wrenches

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm) (Cat. No. 3239).
- 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.	Max. Size Capacity	Length	Weight (lbs.)
3239	1-1/2" (38 mm)	16" (406 mm)	2.30
3227	1-5/16" (33 mm)	11" (279 mm)	1.20

**NEW!**

- Handy lanyard hole (Cat. No. 3227).
- Fits nuts and bolts to 1-5/16 (33 mm) (Cat. No. 3227).

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

- Accepts 1/2" square-drive hex socket.
- Reversible ratchet.
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.



Cat. No.	Overall Length	Weight (lbs.)
3238	15" (381 mm)	2.10

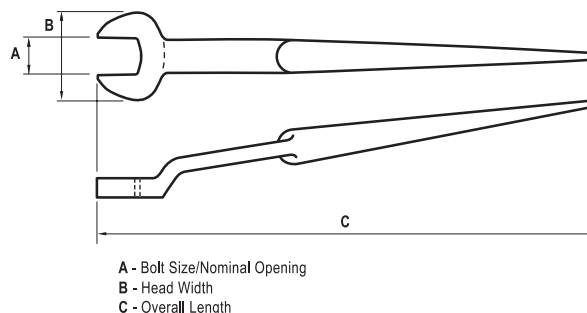
### Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads.
- Extra-heavy-duty head area gives maximum strength and durability.



Cat. No.	Nut Type	Bolt Size	Nom. Opening	Head Width	Taper Diameter	Overall Length	Weight (lbs.)
3210	U.S. heavy	1/2"	7/8"	2-1/4"	7/8" to 3/16"	14-3/4"	1.36
3211	U.S. heavy	5/8"	1-1/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3212	U.S. heavy	3/4"	1-1/4"	2-1/2"	1" to 1/4"	16-5/8"	1.98
3213	U.S. heavy	7/8"	1-7/16"	3"	1-1/8" to 9/32"	17-3/8"	2.72
3214	U.S. heavy	1"	1-5/8"	3-5/8"	1-1/8" to 1/4"	18"	3.36
3219	U.S. regular	1/2"	3/4"	2-1/4"	7/8" to 8/16"	14-3/4"	1.36
3220	U.S. regular	1/2"	13/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.35
3221	U.S. regular	5/8"	1"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3222	U.S. regular	3/4"	1-1/8"	2-1/2"	1" to 1/4"	16-5/8"	2.00
3223	U.S. regular	7/8"	1-5/16"	3"	1-1/8" to 9/32"	17-3/8"	2.87
3224	U.S. regular	1"	1-1/2"	3-5/8"	1-1/8" to 1/4"	18"	3.37
3231	utility	5/8"	15/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3232	utility	3/4"	1-1/16"	2-1/2"	1" to 1/4"	16-5/8"	2.00

- 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.



A - Bolt Size/Nominal Opening  
B - Head Width  
C - Overall Length

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** Do NOT push or hammer wrench.

**WARNING:** Do NOT extend handle length.

# Sheet Metal Tools/HVAC

Klein's line of sheet metal and 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.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Sheet Metal Tools/HVAC

HVAC





# Cutting & Notching Tools – Journeyman™ Snips

## Features:

**JOURNEYMAN**

Exclusive Klein Kurve® design for added comfort.

Soft black material on outer surface for comfort and a firm grip.

Self opening latch.

Long-lasting serrated forged steel blades for superior strength and durability.

Hard, colored material for toughness and durability.

Premium corrosion-resistant plated handles.

Meets or exceeds ASME B107.16M performance standard.



Tip-Ident® for easy identification.



## Aviation Snips

**JOURNEYMAN**

### Additional Features:

- Soft touch grips for maximum control and comfort.
- 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	Length of Cut	Color Code	Overall Length	Cutting Capacity: Cold Rolled/Stainless Steel	Weight (oz.)
J1100L	left/straight	aviation	1-3/8" (35 mm)	red/black	9-7/8" (250 mm)	18 gauge/22 gauge	14.4
J1101R	right/straight	aviation	1-3/8" (35 mm)	green/black	9-7/8" (250 mm)	18 gauge/22 gauge	14.7
J1102S	straight/wide curves	aviation	1-1/2" (38 mm)	yellow/black	10-1/16" (255 mm)	18 gauge/22 gauge	14.4
J2103S	notch/straight	bulldog	7/8" (22 mm)	yellow/black	9-7/16" (240 mm)	16 gauge/18 gauge	13.9

## Right Angle Snips

**JOURNEYMAN**

### Additional Features:

- Soft touch grips for maximum control and comfort.
- 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	Length of Cut	Color Code	Overall Length	Cutting Capacity: Cold Rolled/Stainless Steel	Weight (oz.)
J2104L	left curves/tight circles/straight	right angle	1-1/4" (32 mm)	red/black	7-15/16" (201 mm)	24 gauge/28 gauge	14.4
J2105R	right curves/tight circles/straight	right angle	1-1/4" (32 mm)	green/black	7-15/16" (201 mm)	24 gauge/28 gauge	14.4



J2105R



J2104L

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** Never use on or near live electrical circuits

**WARNING:** NOT insulated. Will NOT protect against electrical shock.

# Cutting & Notching Tools – Journeyman™ Snips

## Offset Snips

**JOURNEYMAN**

Additional Features:

- Soft touch grips for maximum control and comfort.
- 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 and J2102S Journeyman snips cut 18 gauge cold rolled steel and 22 gauge stainless steel.



J2101R



J2102S



J2100L



J2106S

Cat. No.	Cutting Pattern	Snip Type	Length of Cut	Color Code	Overall Length	Cutting Capacity: Cold Rolled/Stainless Steel	Weight (oz.)
J2100L	left/straight	offset	1-1/4" (32 mm)	red/black	9-1/2" (241 mm)	18 gauge/22 gauge	15.5
J2101R	right/straight	offset	1-1/4" (32 mm)	green/black	9-1/2" (241 mm)	18 gauge/22 gauge	15.7
J2102S	straight/wide curves	offset	1-1/2" (38 mm)	yellow/black	9-1/2" (241 mm)	18 gauge/22 gauge	15.5
J2106S	straight/wide curves	long cut offset	2-3/8" (38 mm)	yellow/black	10-1/2" (266 mm)	20 gauge/24 gauge	18.2

## 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.



2101R



1102S



2100L

Cat. No.	Cutting Pattern	Snip Type	Length of Cut	Color Code	Overall Length	Cutting Capacity	Weight (oz.)
1100L	left / straight	aviation	1-3/8" (35 mm)	red	9-3/4" (248 mm)	18 ga.	14.4
1101R	right / straight	aviation	1-3/8" (35 mm)	green	9-3/4" (248 mm)	18 ga.	14.7
1102S	straight / wide curve	aviation	1-1/2" (38 mm)	yellow	10-1/8" (257 mm)	18 ga.	14.4
2100L	left / straight	offset	1-1/4" (32 mm)	red	9-1/2" (241 mm)	18 ga.	15.5
2101R	right / straight	offset	1-1/4" (32 mm)	green	9-1/2" (241 mm)	18 ga.	15.7
2102S	straight / wide curve	offset	1-1/2" (38 mm)	yellow	9-1/2" (241 mm)	18 ga.	15.5
2103	notch	bulldog	7/8" (22 mm)	yellow	9-1/4" (235 mm)	16 ga.	13.9

#### Replacement springs for aviation snips

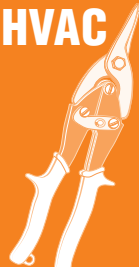
- P406 replacement spring for Cat. Nos. 1100L and 1102S  
P407 replacement spring for Cat. No. 1101R

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** Never use on or near live electrical circuits

**WARNING:** NOT insulated. Will NOT protect against electrical shock.



## Cutting & Notching Tools

### Snap Lock Punch

- 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 (lbs.)
86560	8" (203 mm)	blue	1.0

### 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.

Cat. No.	Overall Length	Handle Color	Weight (oz.)
3100	13" (330 mm)	gray	13.4

#### Replacement Parts

3101	Replacement blades for Cat. No. 3100
------	--------------------------------------

### Hand Notcher

- 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 (lbs.)
86551	8-1/2" (216 mm)	blue	1.0

### Nibbler Tool

- Cuts soft sheet metal, plastic, soft copper and aluminum, and tubing.
- Ideal for air conditioning and heating installation, automobile work, model making, and sheet metal construction.

- 1/4" cutting kerf.

Cat. No.	Description	Cuts Up to	Weight (oz.)
76011B	nibbler cutter with blade	18 gauge soft sheet metal, soft copper and aluminum up to 1/16", and tubing from a 1" I.D.	5.6

#### Replacement Parts

76012B	replacement blade for Cat. No. 76011B
--------	---------------------------------------

## 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.

Cat. No.	Type	Jaw Size	Overall Length	Handle Color	Weight (lbs.)
86553	straight-hand seamer	3"	8-3/8" (213 mm)	blue	1.45
86552	offset-hand seamer	3"	8" (203 mm)	blue	1.46
86556	straight-hand seamer	6"	8-3/8" (213 mm)	blue	1.87



All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

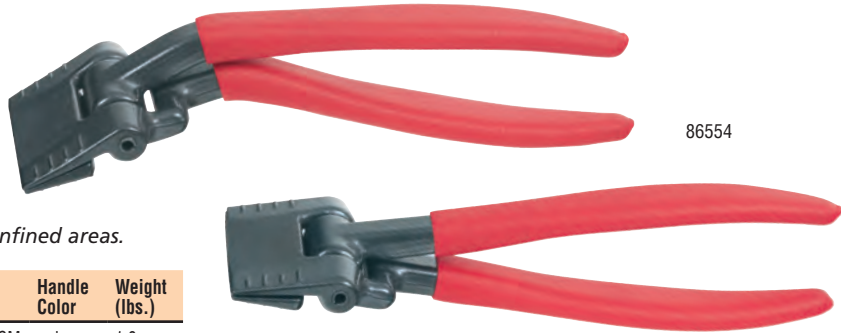
**⚠WARNING:** Never use on or near live electrical circuits



## Seamer Tongs, Straight and Offset

- Hot-drop forged for strength.
- Bending depth indicators marked in 1/4" (6 mm) increments.
- Cushioned handles.
- Offset-handle model for greater power and easy use in overhead and confined areas.

Cat. No.	Type	Jaw Size	Overall Length	Bends	Handle Color	Weight (lbs.)
86554	offset	3"	9-3/4" (248 mm)	22 ga. CRSM	red	1.8
86555	straight	3"	9-3/4" (248 mm)	22 ga. CRSM	red	1.8



86554

## Tube Benders

### Swivel Handle Tube Bender

- Swivel handle repositions midway through bend to gain control, reduce efforts, and prevent handles from crossing.
- Easily fabricates bends up to 180°.
- Calibrated to show angle of bend.

Cat. No.	Closed Overall Length	Tube O.D.	Weight (lbs.)
8900-1/4	10" (254 mm)	1/4"	1.0
8900-3/8	14-1/4" (362 mm)	3/8"	1.75
8900-1/2	21-7/8" (556 mm)	1/2"	3.50



8900-1/2

### Professional 4-in-1 Tube Bender



89030

- 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.

Cat. No.	Closed Overall Length	Weight (lbs.)
89030	10" (254 mm)	1.0

### Folding Tools



88980

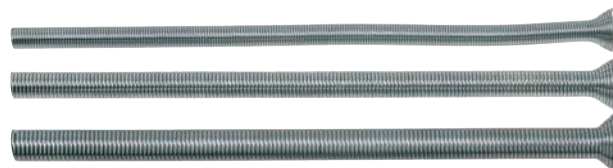
- Two folding depths: 3/8" (10 mm) and 1" (25 mm).
- Handy sight gauges for accurate depth alignment.
- Made of heavy-duty 16 gauge steel for folding strength.

Cat. No.	Overall Length	Folds	Weight (lbs.)
88980	12" (305 mm)	24 ga. CRSM and 28 ga. SSSM	1.3
88981	18" (457 mm)	24 ga. CRSM and 28 ga. SSSM	2.0
88982	24" (610 mm)	24 ga. CRSM and 28 ga. SSSM	2.6

### Spring Type Tube Bender Sets

- 8-Pc. Set: Bends 1/4" to 7/8" O.D. tubing.
- 3-Pc. Set: Bends 1/4" to 3/8" O.D. tubing.
- Easily allows hand bending of soft copper and aluminum tubing into any shape without collapsing walls.
- Belled end for quick tube removal.

Cat. No.	Type	Overall Length	Weight (oz.)
89018	8 pc. set	10" (254 mm) - 12" (305 mm)	50.75
89019	3 pc. set	10" (254 mm)	10



89019

86555

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** Never use on or near live electrical circuits.





## Tube Cutters

### Professional Tube Cutter

NEW!



88904

- Accurate 4 roller tracking system – no spiraling.
- Professional reaming tool.
- Extra cutting wheel included in handle.

Cat. No.	Cuts	Weight (lbs.)
88904	1/8" – 1-1/8" steel and copper tubing	1.31
<b>Replacement Parts</b>		
88905	replacement wheel for Cat. No. 88904	.08

### Professional Tube Cutter



88975



88976

- Smooth feed mechanism for precise, right angle cutting action.
- Includes retractable reamer with filing surface and spare cutter wheel.
- Not designed for cutting stainless steel or hard tempered tubing.

Cat. No.	Overall Length	Cuts	Weight (oz.)
88975	5" (127 mm)	1/8" - 1-1/8" O.D. tubing	6.5
<b>Replacement Parts</b>			
88976	Replacement wheels + screw for Cat. No 88975		

## Swaging Tool – Punch Type

### Professional 6-in-1 Swaging Punch



66400

- 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.

Cat. No.	Overall Length	Swages	Weight (oz.)
66400	5-3/16" (132 mm)	3/16", 1/4", 5/16", 3/8" 1/2", 5/8" O.D. tubing	5.92

### Professional Mini Tube Cutter



88977



88978

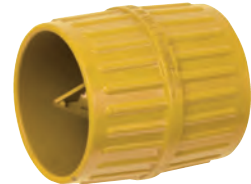
- Perfect for tight space cutting. Requires only 1-3/8" swing radius.
- Smooth feed mechanism for precise, right angle cutting action.
- Not designed for cutting stainless steel or hard tempered tubing.

Cat. No.	Overall Length	Cuts	Weight (oz.)
88977	1-3/4" (44 mm)	1/8"-5/8" O.D. tubing	2.5
<b>Replacement Parts</b>			
88978	Replacement wheels + screw for Cat. No 88977		

## Tube Cutter Accessories

### Inner-Outer Reaming and Deburring Tool

- Reams inside and outside edges of tubing.
- Deburrs with clockwise and counter-clockwise rotations.
- Reams copper, aluminum, and brass tubing.



89025

Cat. No.	Overall Length	Color	Reams	Weight (oz.)
89025	2-1/4" (57 mm)	Yellow	3/16" to 1-1/2" O.D. tubing	10.08

## Tube Flaring & Swaging Tools

### 45° Flaring and Swaging Tool Sets



89020

Includes case

- Converts from flares to swages with easy screw-on application.
- Self-centering, slip-on forged steel yoke easily forms quality flares/swages.
- Flares 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8" and 3/4" O.D.
- Swages 3/16", 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4" O.D. tubing.
- Cat. No. 89021 Flares 3/16", 1/4", 5/16", 3/8", 7/16", 1/2" and 5/8" O.D. tubing.

Cat. No.	Case Dimensions	Weight (lbs.)
89020	L 10-1/8" (257 mm) x W 8-3/8" (213 mm) x H 1-3/4" (45 mm)	4.71
89021	7" (178 mm) / 4-13/16" (122 mm)	2.0

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Never use on or near live electrical circuits

## Duct Stretching & Slitting Tools

### Duct Stretcher



89565

- Aligns and pulls ductwork together, easing installation of drive cleats.
- Offset handle protects hand.

Cat. No.	Overall Length	Weight (oz.)
89565	16" (406 mm)	12

### Duct Slitting Tool



DS7

- Blade used to scribe a line or pierce and enlarge holes in sheet metal.
- Cushion-Grip handle for greater comfort and control.
- Patented Tip-Ident® quickly identifies the type of tool and tip orientation.

Cat. No.	Overall Length	Weight (oz.)
DS7	12-5/8" (321 mm)	5.6

## Crimping Tools

### 5-Blade Crimper



86550

- 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 and are covered with vinyl grips for added comfort and easy operation.
- All steel construction and nickel-plating provide long life and consistent crimp profile.

Cat. No.	Overall Length	Crimps	Handle Color	Weight (lbs.)
86550	9" (229 mm)	24 ga. CRSM and 28 ga. SSSM	blue	1.00

## Sheet Metal Fasteners

### Self-Piercing Sheet Metal Screws



8910-3/4

- Zinc plated.
- Sheet metal screws with self piercing tips.
- Slotted 1/4" hex head washer.

Cat. No.	Length	Driver Type	Size	Qty	Head Type
8910-3/4	3/4" (19 mm)	1/4" slotted	#8	1000	hex washer
8910-1/2	1/2" (13 mm)	1/4" slotted	#8	1000	hex washer

## Magnetic Hex Drivers

### Magnetic Hex Drivers

- For driving sheet metal screws.
- Strong Rare Earth magnets for maximum holding.
- 1/4" hex shank with quick release groove.

NEW!



86602

Cat. No.	Description	Weight (lbs.)
86600	1/4" magnetic hex driver – 3 pack	.12
86601	5/16" magnetic hex driver – 3 pack	.14
86602	3/8" magnetic hex driver – 3 pack	.16
<b>10-Pack Punch Card for Individual Sale</b>		
86600-10	1/4" magnetic hex driver	.43
86601-10	5/16" magnetic hex driver	.49
86602-10	3/8" magnetic hex driver	.57

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

**WARNING:** Never use on or near live electrical circuits.



## Refrigeration Wrenches

### Ratcheting Refrigeration Wrenches

- Fully reversible ratchet wrenches designed for refrigeration packing gland nuts and valve stem sockets.
- Also designed for beam-clamp installation.
- Wrenches are compact in size, with clearly marked sockets for four nut sizes.
- Quick-flip reversing lever permits instant ratchet reversal.
- Wrenches are ruggedly built and have polished chrome finish with smooth edges for comfort.



68310

Cat. No.	Socket Sizes	Length	Weight (lbs.)
68309	3/16" and 1/4" sq. x 1/2" and 9/16" hex	6-13/16" (173 mm)	.43
68310	3/16" and 5/16" sq. x 1/4" and 3/8" sq.	5-1/2" (140 mm)	.20
68310-24	24 pack of Cat. No. 68310	5-1/2" (140 mm)	4.70

## Nylon Tie Tensioning Tools

### Nylon Tie Tensioning Tools

NEW!

- 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 (lbs.)
86570	nylon tie tensioning tool – manual	0.87
86571	nylon tie tensioning tool – automatic	1.01



86571



86570

## Special-Purpose Knives

### Serrated Duct Knife

NEW!

- 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.

Cat. No.	Description	Weight (lbs.)
DK06	serrated stainless steel duct knife	0.53



DK06



## Specialty Screwdrivers

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

Additional Features:

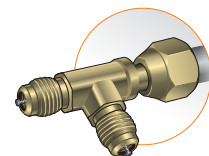
- Versatile 11-in-1 tool for the professional.
- Includes unique style bit for installation/removal of common TR-4 Schrader® valves and aggressive thread extractor tip for backing out broken cores.
- Great for HVAC and other industrial applications.
- Cushion-grip handle for greater torque and comfort.
- Blast finish bit tips provide a firm hold and reduce cam out.



32527



NEW!



Cat. No.	Contains	Weight (lbs.)
32527	3/8", 5/16" and 1/4" nut drivers, #1 and #2 Phillips, #1 square and #2 square, 1/4" and 3/16" slotted, Schrader® valve core removal/installation – extractor	.44

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

HVAC



## Setting Hammer



820-16

- 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.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
820-16	16 oz. (454 g)	13" (330 mm)	1.6

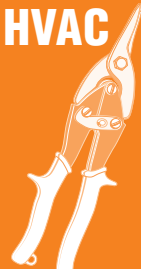
## Riveting Hammer



821-12

- 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.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
821-12	12 oz. (340 g)	12-1/4" (311 mm)	1.1



All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Never use on or near live electrical circuits.



Klein drill bits and holemaking products provide accuracy and consistency for professionals. Made of top-of-the-line materials for longer-lasting performance, Klein's diverse line of holemaking products and accessories help get the job done right.

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# Holemaking Products & Accessories

Lein drill bits and holemaking products provide accuracy and consistency for professionals. Made of top-of-the-line materials for longer-lasting performance, Lein's diverse line of holemaking products and accessories help get the job done right.

For Professionals... Since 1857



## 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 (lbs.)
53716	3/8" x 54" (9.5 mm x 1372 mm)	1.00
53717	3/8" x 72" (9.5 mm x 1829 mm)	1.00
53718	9/16" x 54" (14 mm x 1372 mm)	1.00
53719	3/4" x 54" (19 mm x 1372 mm)	2.00
53751	3/4" x 72" (19 mm x 1829 mm)	2.00
53720	1" x 54" (25 mm x 1829 mm)	2.00



53719



53720



53718



53718

53716

## Flex Bit Extensions



53722



- Connects to the end of a flex bit and extends the length.
- For use with flex bits 3/4" and larger (Cat. No. 53722).
- Connection diameter is 5/8" (Cat. No. 53722).
- For use with flex bits 9/16" and smaller (Cat. No. 53723).
- Connection diameter is 7/16" (Cat. No. 53723).

Cat. No.	Length	Connection Diameter	Weight (lbs.)
53722	54" (1372 mm)	5/8" (14 mm)	1.00
53723	54" (1372 mm)	7/16" (11 mm)	1.00

## Flex Bit Placement Tool

- Folding design stores more compactly than standard tool.
- Cushion grip handle for non-slip comfort.
- For use with flexible drill bits.
- Positions flexible drill bits horizontally or vertically within a wall.



53715

Cat. No.	Length	Weight (lbs.)
53715	11" (279 mm)	1.00

All dimensions are in inches and (millimeters) unless otherwise specified.

**WARNING:** Always wear approved eye protection.

**WARNING:** Never use on or near live electrical circuits.

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



# Pulling Grips

## Pulling Grips



KPS050



KPS075

- Clips to flex bit for pulling wire and cable.
- Grip (Cat. No. KPS050) is used to pull up to 9/16" diameter wire, cable or fish tape through walls; grip (Cat. No. KPS075) up to 1".
- 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.

Cat. No.	Capacity	Maximum Safe Load	Weight (lbs.)
KPS050	1/2" - 9/16" (12 mm - 14 mm)	100 lb	1.00
KPS075	3/4" - 1" (19 mm - 25 mm)	185 lb	1.00

**⚠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.

## Flex 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. 53715) to guide bit through walls.
- Flexible drill bit (Cat. No. 53718) makes 9/16" holes in wood.
- Pulling grip (Cat. No. KPS050) attaches to the flexible drill bit after the hole has been made and pulls 1/2" - 9/16" wire and cable.

Cat. No.	Kit Contains	Weight (lbs.)
53721		2.00

Cat. No.	Description
53715	flex bit placement tool
53718	flex drill bit - 9/16" x 54" (14 mm x 1372 mm)
KPS050	pulling grip - 1/2"-9/16" (12 mm - 14 mm)



53721

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Never use on or near live electrical circuits.

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



## Hole Saw Kits **GREAT WHITE®**

### Master Electrician's Hole Saw Kit

- Includes the most commonly used saws and arbors.
- All components are packed in a metal carrying case.

Cat. No.	Set Contains				Weight (lbs.)
31640					8.10
Hole Saws		Arbors		
Cat. No.	Size	Cat. No.	Size	
31514	7/8"	31650	1/4"	
31518	1-1/8"	31660	7/16"	
31522	1-3/8"	31670	7/16"	
31528	1-3/4"			
31532	2"			
31540	2-1/2"			
31548	3"			
31558	3-5/8"			
31566	4-1/8"			
31572	4-1/2"			

Note: Set pilot drill point 1/8" beyond tooth points.

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

### Large Size Hole Saw Kit

- Contains the sizes necessary to upgrade an Electrician's Hole Saw Kit into a Master Electrician's set.
- All components are packed in a metal carrying case.

Cat. No.	Set Contains				Weight (lbs.)
31645					6.60
<b>Hole Saws</b>		<b>Arbors</b>		
<b>Cat. No.</b>	<b>Size</b>	<b>Cat. No.</b>	<b>Size</b>	
31548	3"	31670	7/16"	
31558	3-5/8"			
31566	4-1/8"			
31572	4-1/2"			

Note: Set pilot drill point 1/8" beyond tooth points.

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

### Electrician's Hole Saw Kit

- Contains the most popular sizes for basic electrical work.
- All components are packed in a rust-proof, molded plastic carrying case.

Cat. No.	Set Contains				Weight (lbs.)
31630					2.60
<b>Hole Saws</b>		<b>Arbors</b>		
<b>Cat. No.</b>	<b>Size</b>	<b>Cat. No.</b>	<b>Size</b>	
31514	7/8"	31660	7/16"	
31518	1-1/8"	31670	7/16"	
31522	1-3/8"			
31528	1-3/4"			
31532	2"			
31540	2-1/2"			

Note: Set pilot drill point 1/8" beyond tooth points.

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



31640

### Journeyman's Hole Saw Kit

- The most frequently used sizes and an arbor extension for hard to reach spots.
- All components are packed in a rust-proof, molded plastic carrying case.

Cat. No.	Set Contains				Weight (lbs.)
31635					4.50
<b>Hole Saws</b>		<b>Arbors</b>		
<b>Cat. No.</b>	<b>Size</b>	<b>Cat. No.</b>	<b>Size</b>	
31512	3/4"	31650	1/4"	
31514	7/8"	31660	7/16"	
31518	1-1/8"	31670	7/16"	
31522	1-3/8"	<b>Arbor Extender</b>		
31524	1-1/2"			
31528	1-3/4"			
31532	2"	31678	12"	
31536	2-1/4"			
31540	2-1/2"			

Note: Set pilot drill point 1/8" beyond tooth points.

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

All dimensions are in inches and (millimeters) unless otherwise specified.

**WARNING:** Always ensure that you and persons in the vicinity wear approved eye protection.





# Hole Saws

## Bi-Metal Hole Saws

**GREAT WHITE®**

- Rugged bi-metal cobalt construction for heavy-duty cutting.
- Deep cup cuts through studs in one pass.
- Variable pitch teeth for faster, smoother cutting and less vibration.
- Longer lasting design for more cuts per saw.
- Multiple knock-out slots and holes for easy core removal.
- Cuts through steel, wood, plastic, stainless steel, and cast iron.



31600



31532

Cat. No.	Saw Diameter	Pipe Tap Size*	Pipe Entr. Size**	For Use with Arbor No.	Weight (lbs.)
31510	5/8" (16 mm)	—	—	31650, 31655, 31660	.05
31512	3/4" (19 mm)	1/2" (13 mm)	3/8" (10 mm)	31650, 31655, 31660	.06
31514	7/8" (22 mm)	3/4" (19 mm)	1/2" (13 mm)	31650, 31655, 31660	.60
31516	1" (25 mm)	—	—	31650, 31655, 31660	.07
31518	1-1/8" (29 mm)	1" (25 mm)	3/4" (19 mm)	31650, 31655, 31660	.08
31520	1-1/4" (32 mm)	—	—	31168, 31665, 31670	.09
31522	1-3/8" (35 mm)	—	1" (25 mm)	31168, 31665, 31670	.12
31524	1-1/2" (38 mm)	1-1/4" (32 mm)	—	31168, 31665, 31670	.09
31526	1-5/8" (41 mm)	—	—	31168, 31665, 31670	.10
31528	1-3/4" (44 mm)	1-1/2" (38 mm)	1-1/4" (32 mm)	31168, 31665, 31670	.11
31532	2" (51 mm)	—	1-1/2" (38 mm)	31168, 31665, 31670	.13
31534	2-1/8" (54 mm)	—	—	31168, 31665, 31670	.14
31536	2-1/4" (57 mm)	2" (51 mm)	—	31168, 31665, 31670	.15
31538	2-3/8" (60 mm)	—	—	31168, 31665, 31670	.16
31540	2-1/2" (64 mm)	—	2" (51 mm)	31168, 31665, 31670	.17
31542	2-5/8" (67 mm)	2-1/2" (64 mm)	—	31168, 31665, 31670	.18
31544	2-3/4" (70 mm)	—	—	31168, 31665, 31670	.19
31548	3" (76 mm)	—	2-1/2" (64 mm)	31168, 31665, 31670	.22
31552	3-1/4" (83 mm)	3" (76 mm)	—	31168, 31665, 31670	.26
31556	3-1/2" (89 mm)	—	—	31168, 31665, 31670	.28
31558	3-5/8" (92 mm)	—	3" (76 mm)	31168, 31665, 31670	.29
31564	4" (102 mm)	—	—	31168, 31665, 31670	.33
31566	4-1/8" (105 mm)	—	3-1/2" (89 mm)	31168, 31665, 31670	.36
31568	4-1/4" (108 mm)	4" (102 mm)	—	31168, 31665, 31670	.36
31572	4-1/2" (114 mm)	—	4" (102 mm)	31168, 31665, 31670	.40
31576	4-3/4" (121 mm)	—	—	31168, 31665, 31670	.50
31580	5" (127 mm)	—	—	31168, 31665, 31670	.54
31596	6" (152 mm)	—	—	31168, 31665, 31670	.75
31600SEN	6-3/8" (161 mm)	—	—	31168, 31665, 31670	2.00
31606	6-5/8" (168 mm)	—	—	31168, 31665, 31670	2.25

Note: Set pilot drill point 1/8" beyond tooth points.

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

Note: Pipe sizes listed in the "Pipe Tap Size" and "Pipe Entrance Size" columns are standard industry sizes. All pipes are sized by the nominal inside diameter.

\*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.

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Always ensure that you and persons in the vicinity wear approved eye protection.



## Carbide Grit Hole Saws **GREAT WHITE®**

- Available in the most common sizes for recessed can lights.
- Carbide grit for smooth cuts and minimal tear out.
- Long-lasting carbide grit will not dull in abrasive materials.
- Grit design reduces the kick when starting a cut in plywood.
- Cuts through drywall, ceiling tile, lath/plaster, cement board and wood.

Cat. No.	Saw Diameter	For Use with Arbor No.	Weight (lbs.)
31605	6-3/8" (161 mm)	31168, 31665, 31670	1.65
31607	6-5/8" (168 mm)	31168, 31665, 31670	1.65
31611	6-7/8" (174 mm)	31168, 31665, 31670	1.75

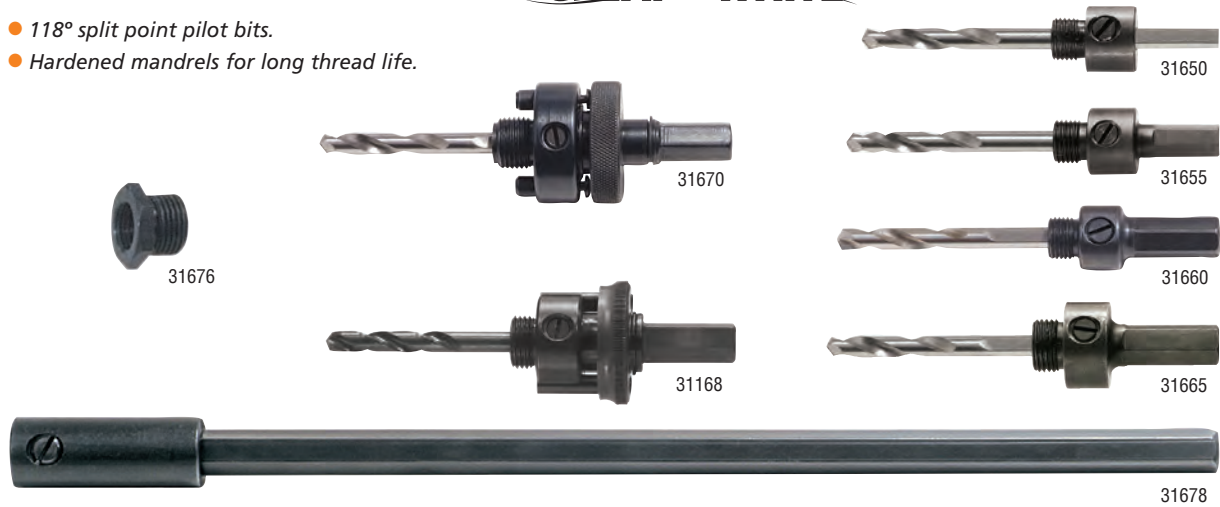
Note: Set pilot drill point 1/8" beyond tooth points.  
Note: Read and follow safety instructions in power tool owner's manual.



31605

## Hole-Saw Arbors and Accessories **GREAT WHITE®**

- 118° split point pilot bits.
- Hardened mandrels for long thread life.



Cat. No.	Shank Style	Pins	Shank Size	Electric Drill Size	Thread Size	Weight (lbs.)
31650	round tri-lobe	N	1/4" (6 mm)	1/4" and larger	1/2" - 20	.70
31655	hexagonal	N	3/8" (10 mm)	3/8" and larger	1/2" - 20	.08
31660	hexagonal	N	7/16" (11 mm)	1/2" and larger	1/2" - 20	.08
31665	hexagonal	N	7/16" (11 mm)	1/2" and larger	5/8" - 18	.23
31670	hexagonal	Threaded	7/16" (11 mm)	1/2" and larger	5/8" - 18	.55
31168	hexagonal	Quick Change	7/16" (11 mm)	1/2" and larger	5/8" - 18	.45

### Replacement Pilot Drills for Hole-Saw Arbors

31672	1/4" Replacement Pilot Drill Bit for Klein Arbors 31168, 31650, 31660, 31665, 31670	.05
31674	1/4" Replacement Pilot Drill Bit for Klein Arbors 31655	.05
31676	Arbor Adapter; converts 1/2" - 20 to 5/8" - 18	.05
31678	12" Arbor Extender*	.80

\* Collar O.D. 3/4" (19 mm)

Note: Set pilot drill point 1/8" beyond tooth points.  
Note: Read and follow safety instructions in power tool owner's manual.

All dimensions are in inches and (millimeters) unless otherwise specified.

**WARNING:** Always ensure that you and persons in the vicinity wear approved eye protection.



## Hole Saws

### Quick Cutter® Adjustable Hole Saw

- Hole saw blades adjust to cut holes from 2-1/2" to 7" in diameter.
- Carbide coated blades for longer blade life.
- Cuts holes in drywall and ceiling tile.
- Dust shield included.

Cat. No.	Range	Weight (lbs.)
53731	2-1/2" - 7" (64 mm - 177 mm)	1.00

Quick Cutter® is a registered trademark of Speare Tools.



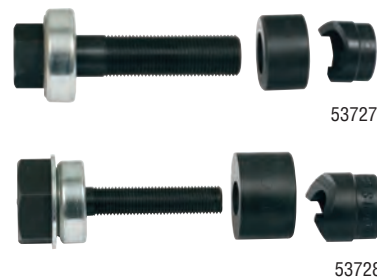
**NOTE:** Read and follow safety instructions in power tool owner's manual.

## 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.	Overall Length	Conduit Size	Weight (lbs.)
53727	4" (102 mm)	3/4" (19 mm)	1.00
53728	2-5/8" (67 mm)	1/2" (12.5 mm)	1.00



### 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.

Cat. No.	Weight (lbs.)
53732	9.00

<i><b>Punch Cat. No.</b></i>	<i><b>Die Cat. No.</b></i>	<i><b>Description</b></i>	<i><b>Conduit Size</b></i>
53819	53820	knockout punch	1/2" (13 mm)
53827	53828	knockout punch	3/4" (19 mm)
53837	53838	knockout punch	1" (25 mm)
53849	53850	knockout punch	1-1/4" (32 mm)
53857	53858	knockout punch	1-1/2" (38 mm)
53867	53868	knockout punch	2" (51 mm)
<i><b>Cat. No.</b></i>		<i><b>Description</b></i>	<i><b>Size</b></i>
53873		ratcheting wrench	1" (25 mm)
53871		draw stud	3/8" x 2-5/8" (9.5 mm x 67 mm)
53872		draw stud	3/4" x 4" (19 mm x 102 mm)

**⚠WARNING:** Do NOT push or hammer wrench.

**⚠WARNING:** Do NOT extend handle length of wrench.



53732



**⚠WARNING:** Always ensure that you and persons in the vicinity wear approved eye protection.

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Never use on or near live electrical circuits.

## High Speed Steel Step-Drill Bits – Inch

- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling for most sizes.
- Drill multiple-size holes in thin sections of metal, plastic and wood using a single bit.
- Works in most metals (steel, brass, aluminum, copper), as well as in plastic and wood.



Cat. No.	Quick Reference Number	No. of Hole Sizes per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration for Each Step	Weight (lbs.)
59001	1	13 in 1/32" increments	1/8" to 1/2"	no	1/4" and larger	1/8"	.05
59002	2	8 in 1/16" increments	9/16" to 1"	yes, 1/2" or larger	1/2" and larger	1/8"	.20
59003	3	9 in 1/16" increments	1/4" to 3/4"	no	3/8" and larger	1/8"	.15
59004	4	10 in 1/8" increments	13/16" to 1-3/8"	yes, 3/4" or larger	1/2" and larger	1/8"	.50
59005	5	6 in 1/16" increments	3/16" to 1/2"	no	1/4" and larger	3/8"	.05
59008	8	1	7/8"	no	3/8" and larger	not applicable	.10
59009	9	10 in 1/8" increments	1/4" to 1-3/8"	no	1/2" and larger	1/8"	.46
59011	11	2	7/8" and 1-1/8"	no	1/2" and larger	1/8"	.30
59014	14	12 in 1/16" increments	3/16" to 7/8"	no	3/8" and larger	1/8"	.15

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

## High Speed Steel Step-Drill Bits – Metric

- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling for most sizes.
- Drill multiple-size holes in thin sections of metal, plastic, and wood using a single bit.
- Works in most metals (steel, brass, aluminum, copper), as well as in plastic and wood.



Cat. No.	Quick Reference Number	No. of Hole Sizes per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration for Each Step	Weight (lbs.)
59021	1-M	9 in 1 mm increments	4 mm to 12 mm	no	1/4" and larger	5 mm	.05
59026	4-M	10 in 2 mm increments	4 mm to 22 mm	no	3/8" and larger	5 mm	.15
59029	29-MM	10 in 2-3mm increments	5 mm to 29 mm	no	1/2" and larger	5 mm	.30

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

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Never use on or near live electrical circuits.

**⚠WARNING:** Always ensure that you and persons in the vicinity wear approved eye protection.





# Step-Drill Bits

## Titanium-Nitride Coated Step-Drill Bits

- Similar to Klein high-speed steel step-drill bits, but with a titanium-nitride coating (82 – 86 Rockwell C hardness).
- Coating reduces friction for cooler, smoother running without lubrication; allows bits to last up to 4 to 5 times longer than steel drill bits.
- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Bits are perfect for drilling accurate, round holes in thin (up to 1/8") metal (steel, brass, aluminum and copper), as well as plastic and wood.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling.



59001T 59003T 59005T 59009T 59014T

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

Cat. No.	Quick Reference Number	No. of Hole Sizes per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration for Each Step	Weight (lbs.)
59001T	1T	13 in 1/32" increments	1/8" to 1/2"	no	1/4" and larger	1/8"	.10
59003T	3T	9 in 1/16" increments	1/4" to 3/4"	no	3/8" and larger	1/8"	.15
59005T	5T	6 in 1/16" increments	3/16" to 1/2"	no	1/4" and larger	3/8"	.05
59009T	9	10 in 1/8" increments	1/4" to 1-3/8"	no	1/2" and larger	1/8"	.46 <b>NEW!</b>
59014T	14T	12 in 1/16" increments	3/16" to 7/8"	no	3/8" and larger	1/8"	.15

## Cobalt Step-Drill Bits

- Similar to Klein high-speed steel step-drill bits, but with a cobalt finish.
- Coating reduces friction for cooler, smoother running without lubrication; allows bits to last longer than ordinary bits.
- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Bits are perfect for drilling accurate, round holes in thin (up to 1/8") metal (steel, brass, aluminum and copper), as well as plastic and wood.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling.



59031 59034

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

Cat. No.	No. of Hole Sizes per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration for Each Step	Weight (lbs.)
59031	9 in 1 mm increments	4 mm to 12 mm	no	1/4" and larger	5 mm	.05
59034	10 in 2 mm increments	4 mm to 22 mm	no	3/8" and larger	3.5 mm	.14

## Ship-Auger Bits

### Ship-Auger Bits with Screw Point

- Bits drill through nails, wood, vinyl, plastics and heavy timber.
- Special bit steel with machine-ground flutes and polished edges for smooth, wobble-free boring.
- Feed-screw pilot draws bit into wood.
- Full length is heat-treated and tempered.
- Deep, open-throat design clears chips for faster, cleaner cuts.



53429

- Shanks are 7/16" hex to 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, and for electrical work.

Cat. No.	Bit Size	Twist Length	Overall Length	Weight (lbs.)
53401	11/16"	4" (102 mm)	6" (152 mm)	.30
53402	3/4"	4" (102 mm)	6" (152 mm)	.40
53403	13/16"	4" (102 mm)	6" (152 mm)	.40
53404	7/8"	4" (102 mm)	6" (152 mm)	.50
53405	15/16"	4" (102 mm)	6" (152 mm)	.50
53406	1"	4" (102 mm)	6" (152 mm)	.50
53407	1-1/16"	4" (102 mm)	6" (152 mm)	.60
53408	1-1/8"	4" (102 mm)	6" (152 mm)	.80
53409	1-1/4"	4" (102 mm)	6" (152 mm)	1.00
53410	1-3/8"	4" (102 mm)	6" (152 mm)	.80
53411	1-1/2"	4" (102 mm)	6" (152 mm)	.90
53426	3/4"	4-3/4" (121 mm)	7-3/4" (197 mm)	.45
53430	1-1/8"	4-3/4" (121 mm)	7-3/4" (197 mm)	.80
53431	1-1/4"	4-3/4" (121 mm)	7-3/4" (197 mm)	.90

Cat. No.	Bit Size	Twist Length	Overall Length	Weight (lbs.)
53434	9/16"	15" (381 mm)	18" (457 mm)	.65
53435	5/8"	15" (381 mm)	18" (457 mm)	.80
53436	11/16"	15" (381 mm)	18" (457 mm)	.85
53437	3/4"	15" (381 mm)	18" (457 mm)	.95
53438	13/16"	15" (381 mm)	18" (457 mm)	1.05
53439	7/8"	15" (381 mm)	18" (457 mm)	1.20
53440	15/16"	15" (381 mm)	18" (457 mm)	1.50
53441	1"	15" (381 mm)	18" (457 mm)	1.70
53442	1-1/16"	15" (381 mm)	18" (457 mm)	1.95
53443	1-1/8"	15" (381 mm)	18" (457 mm)	1.80
53444	1-1/4"	15" (381 mm)	18" (457 mm)	2.20
53445	1-3/8"	15" (381 mm)	18" (457 mm)	2.80
53446	1-1/2"	15" (381 mm)	18" (457 mm)	3.45

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** Never use on or near live electrical circuits.

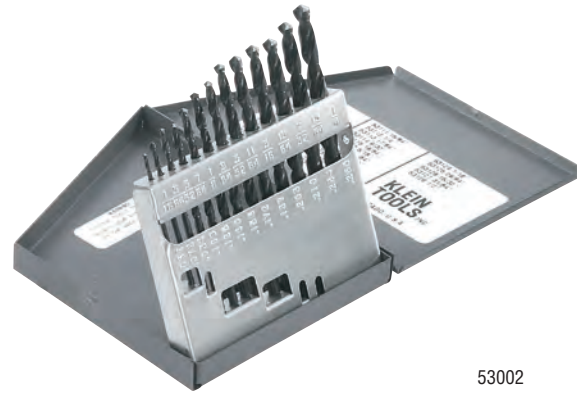
**⚠WARNING:** Always ensure that you and persons in the vicinity wear approved eye protection.



## 13-Piece Regular-Point Drill-Bit Set

- Hinged metal box with one stand-up bit holder.

Cat. No.	Set Contains				Weight (lbs.)
53002					.60
Cat. No.	Bit Size	Cat. No.	Bit Size		
53100	1/16"	53107	11/64"		
53101	5/64"	53108	3/16"		
53102	3/32"	53109	13/64"		
53103	7/64"	53110	7/32"		
53104	1/8"	53111	15/64"		
53105	9/64"	53112	1/4"		
53106	5/32"				



53002

## 15-Piece Regular-Point Drill-Bit Set

- Hinged metal box with two stand-up bit holders.

Cat. No.	Set Contains				Weight (lbs.)
53001					2.00
Cat. No.	Bit Size	Cat. No.	Bit Size		
53100	1/16"	53116	5/16"		
53102	3/32"	53118	11/32"		
53104	1/8"	53120	3/8"		
53106	5/32"	53122	13/32"		
53108	3/16"	53124	7/16"		
53110	7/32"	53126	15/32"		
53112	1/4"	53128	1/2"		
53114	9/32"				



53001

## 29-Piece Regular-Point Drill-Bit Set

- Hinged metal box with three stand-up bit holders.

Cat. No.	Set Contains				Weight (lbs.)
53000					3.25
Cat. No.	Bit Size	Cat. No.	Bit Size		
53100	1/16"	53115	19/64"		
53101	5/64"	53116	5/16"		
53102	3/32"	53117	21/64"		
53103	7/64"	53118	11/32"		
53104	1/8"	53119	23/64"		
53105	9/64"	53120	3/8"		
53106	5/32"	53121	25/64"		
53107	11/64"	53122	13/32"		
53108	3/16"	53123	27/64"		
53109	13/64"	53124	7/16"		
53110	7/32"	53125	29/64"		
53111	15/64"	53126	15/32"		
53112	1/4"	53127	31/64"		
53113	17/64"	53128	1/2"		
53114	9/32"				



53000

All dimensions are in inches and (millimeters) unless otherwise specified.

**WARNING:** Never use on or near live electrical circuits.

**WARNING:** Always ensure that you and persons in the vicinity wear approved eye protection.



## Drill Bits

### 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.

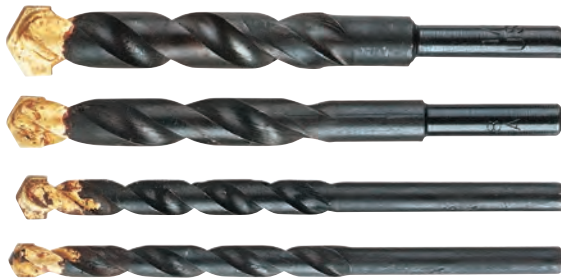


53128

Cat. No.	Bit Size	Flute Length	Overall Length	Weight (lbs.)
53100	1/16"	7/8" (22 mm)	1-7/8" (48 mm)	.01
53101	5/64"	1" (25 mm)	2" (51 mm)	.01
53102	3/32"	1-1/4" (32 mm)	2-1/4" (57 mm)	.01
53103	7/64"	1-1/2" (38 mm)	2-5/8" (67 mm)	.01
53104	1/8"	1-5/8" (41 mm)	2-3/4" (70 mm)	.01
53105	9/64"	1-3/4" (44 mm)	2-7/8" (73 mm)	.01
53106	5/32"	2" (51 mm)	3-1/8" (79 mm)	.01
53107	11/64"	2-1/8" (54 mm)	3-1/4" (83 mm)	.01
53108	3/16"	2-5/16" (59 mm)	3-1/2" (89 mm)	.02
53109	13/64"	2-7/16" (62 mm)	3-5/8" (92 mm)	.02
53110	7/32"	2-1/2" (64 mm)	3-3/4" (95 mm)	.05
53111	15/64"	2-5/8" (67 mm)	3-7/8" (98 mm)	.05
53112	1/4"	2-3/4" (70 mm)	4" (102 mm)	.05
53113	17/64"	2-7/8" (73 mm)	4-1/8" (105 mm)	.05
53114	9/32"	2-15/16" (75 mm)	4-1/4" (108 mm)	.05

Cat. No.	Bit Size	Flute Length	Overall Length	Weight (lbs.)
53115	19/64"	3-1/16" (78 mm)	4-3/8" (111 mm)	.05
53116	5/16"	3-3/16" (81 mm)	4-1/2" (114 mm)	.05
53117	21/64"	3-5/16" (84 mm)	4-5/8" (117 mm)	.10
53118	11/32"	3-7/16" (87 mm)	4-3/4" (121 mm)	.05
53119	23/64"	3-1/2" (89 mm)	4-7/8" (124 mm)	.10
53120	3/8"	3-5/8" (92 mm)	5" (127 mm)	.10
53121	25/64"	3-3/4" (95 mm)	5-1/8" (130 mm)	.10
53122	13/32"	3-7/8" (98 mm)	5-1/4" (133 mm)	.15
53123	27/64"	3-15/16" (100 mm)	5-3/8" (137 mm)	.15
53124	7/16"	4-1/16" (103 mm)	5-1/2" (140 mm)	.15
53125	29/64"	4-3/16" (106 mm)	5-5/8" (143 mm)	.18
53126	15/32"	4-5/16" (110 mm)	5-3/4" (146 mm)	.15
53127	31/64"	4-3/8" (111 mm)	5-7/8" (149 mm)	.20
53128	1/2"	4-1/2" (114 mm)	6" (152 mm)	.20

### 4-Piece, Carbide-Tipped, Masonry Drill Bit Set



53004

- Protective plastic storage pouch.

Cat. No.	Set Contains	Weight (lbs.)
53004		.300
Cat. No.	Bit Size	
53175	1/4"	
53176	5/16"	
53177	3/8"	
53178	1/2"	

### Carbide-Tipped, Masonry Drill Bits



53178

- Drills through hard materials such as brick, concrete, plaster, and tile.
- Black-oxide finish reduces chip welding.

Cat. No.	Bit Size	Shank Diameter	Overall Length	Weight (lbs.)
53175	1/4"	1/4"	4" (102 mm)	.05
53176	5/16"	1/4"	4" (102 mm)	.05
53177	3/8"	1/4"	4" (102 mm)	.05
53178	1/2"	1/4"	4" (102 mm)	.10

## Fasteners

### Conical Anchor Kit – 100 Fasteners

- Kit contains:  
100 #2 Phillips, #10 x 1" Screws, and 100 wall anchors.
- Masonry drill bit also included.

Cat. No.	Anchor Size	Screw Size	Bit Size	Weight (lbs.)
53729	#10 - 12	#10 x 1" (25 mm)	1/4" (6 mm)	1.00



53729

All dimensions are in inches and (millimeters) unless otherwise specified.

**WARNING:** Never use on or near live electrical circuits.

**WARNING:** Always ensure that you and persons in the vicinity wear approved eye protection.



# 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





## Saws & Blades

### High-Tension Hack Saw

- Adjustable blade tension up to 30,000 PSI for fast, precise cuts.
- Soft-touch grips.
- Alternative 45 degree 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 (lbs.)
702-12	12" (305 mm)	16-1/4" (413 mm)	1.45

### Heavy-Weight Hacksaws

- A rugged, heavy-duty saw with the versatility to satisfy professional requirements.
- Greater weight means a faster job.
- Permits efficient one-hand use where necessary.
- Blade cuts fully through to a flat surface.
- Converts easily from vertical to horizontal position for full-flush cutting.
- Durable, tubular steel frame and die-cast zinc handles with blue finish.
- Pivot-action front end with slotted tensioning rod permits maximum tightening of blade for more efficient sawing and longer blade life.
- Curved front-end design for comfortable two-hand use.
- Storage for extra blades in tubular steel frame.
- Supplied with blade; Cat. Nos. 701-12 and 701-12TH with Cat. No. 1200BI Golden Tri-Cut blade.
- 701-12TH has threaded pins that cannot be lost if blade breaks and it can only be used in a vertical position.



701-10

Cat. No.	Blade Length	Overall Length	Weight (lbs.)
701-10	10" (254 mm)	14" (356 mm)	2.05
701-12	12" (305 mm)	16" (406 mm)	2.10
<b>Threaded Retaining Pins</b>			
701-12TH	12" (305 mm)	16-1/4" (413 mm)	1.20

### 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 (lbs.)
701-S	12" (305 mm)	16" (406 mm)	1.45

All dimensions are in inches and (millimeters).

**WARNING:** Always wear approved eye protection.

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## 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 ten blades.

Cat. No.	Pack Size	Teeth Per Inch	Length	Weight Per Pack (lbs.)
1218BI-P	10-pack	18	12" (305 mm)	.45
1224BI-P	10-pack	24	12" (305 mm)	.45
1232BI-P	10-pack	32	12" (305 mm)	.45
1218BI	100-pack	18	12" (305 mm)	4.50
1224BI	100-pack	24	12" (305 mm)	4.50
1232BI	100-pack	32	12" (305 mm)	4.50

## 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 (lbs.)
725	6" (152 mm)	12" (305 mm)	.31

**⚠WARNING:** Never use blade as a prying device as blades may break & cause injury.

## Magic-Slot Compass Saws

- Magic-Slot design allows fast blade changing without removing thumbscrew.
- Handle is strong, lightweight, die-cast zinc with blue finish.
- Handle is contoured for comfort.
- Blade is tough, high-quality carbon steel, 8" (203 mm) long, with ten teeth per inch for general-purpose use.
- Replacement blades and handle can be ordered separately.



703

Cat. No.	Description	Overall Length	Teeth Per Inch	Weight (lbs.)
703	Magic-Slot compass saw complete with Cat. No. 706 blade	13" (330 mm)	10	1.20
702	Magic-Slot compass saw handle only. Takes only Magic-Slot cut-in or general-purpose blades.	5" (127 mm)	—	1.10

## Compass Saw Blades



709

- 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.

Cat. No.	Blade Length	Teeth Per Inch	Weight (lbs.)
<b>Magic-Slot Electrician's Cut-in Blade</b>			
709	4" (102 mm)	10	.06
<b>General-Purpose Compass Saw Blades</b>			
704	12" (305 mm)	8	.14
705	12" (305 mm)	10	.14
706	8" (203 mm)	10	.09
707	10" (254 mm)	10	.12

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Never use on or near live electrical circuits.



## Premium Reciprocating Saw Blades

- Heavy duty, bi-metal blades are 1" wide and .042 thick, which offers greater rigidity for smooth, straight, accurate cuts.
- Innovative tooth geometry and blade design for faster cutting, less vibration and longer blade life.
- Available in blade lengths of 6", 9" and 12" to meet a variety of cutting applications.
- 1/2" universal shank to fit all popular reciprocating saw tools.



31810

Cat. No.	UPC No. 0-92644+	Blade Length	TPI	Blade Width	Blade Thickness	Pack	Main Applications
31810	64029-2	6"	10	1"	0.042	5	HD - Metal
31802	64030-8	6"	14	1"	0.042	5	HD - Metals 1/8" thick & above
31804	64031-5	6"	18	1"	0.042	5	HD - Metals 18 ga. to 1/8"
31806	64032-2	6"	24	1"	0.042	5	HD - Metals 18 ga. & under
31808	64033-9	9"	10	1"	0.042	5	HD - Metal
31832	64034-6	9"	14	1"	0.042	5	HD - Metals 1/8" thick & above
31834	64035-3	9"	18	1"	0.042	5	HD - Metals 18 ga. to 1/8"
31836	64036-0	12"	10	1"	0.042	5	HD - Metal
31838	64037-7	12"	14	1"	0.042	5	HD - Metals 1/8" thick & above
31840	64052-0	12"	18	1"	0.042	5	HD - Metals 18 ga. to 1/8"

## Reciprocating Saw Blades

- Bi-metal blades in a variety of blade lengths and thicknesses for different cutting applications.
- Shock resistant teeth resist stripping.
- 1/2" universal shank to fit all popular reciprocating saw tools.



31750



31722

Cat. No.	UPC No. 0-92644+	Blade Length	TPI	Blade Width	Blade Thickness	Pack	Main Applications
31710	64041-4	6"	6	3/4"	0.035	5	Wood with nails
31710-15	64042-1	6"	6	3/4"	0.035	15	Wood with nails
31714	64043-8	6"	6	3/4"	0.035	5	Plaster
31716	64044-5	6"	6	3/4"	0.050	5	Wood with nails
31716-15	64045-2	6"	6	3/4"	0.050	15	Wood with nails
31720	64046-9	6"	10	3/4"	0.035	5	Wood, plastic and non-ferrous
31722	64006-3	6"	14	3/4"	0.035	5	Heavy ga. metals
31722-15	64049-0	6"	14	3/4"	0.035	15	Heavy ga. metals
31722-50	64008-7	6"	14	3/4"	0.035	50	Heavy ga. metals
31728	64009-4	6"	18	3/4"	0.035	5	Heavy ga. metals
31728-15	64010-0	6"	18	3/4"	0.035	15	Heavy ga. metals
31728-50	64011-7	6"	18	3/4"	0.035	50	Heavy ga. metals
31734	64047-6	6"	24	3/4"	0.035	5	18 ga. and under
31734-15	64013-1	6"	24	3/4"	0.035	15	18 ga. and under

Cat. No.	UPC No. 0-92644+	Blade Length	TPI	Blade Width	Blade Thickness	Pack	Main Applications
31738	64048-3	8"	10/14	3/4"	0.035	5	Wood with nails
31738-15	64015-5	8"	10/14	3/4"	0.035	15	Wood with nails
31742	64016-2	8"	14	3/4"	0.035	5	Heavy ga. metals
31742-15	64017-9	8"	14	3/4"	0.035	15	Heavy ga. metals
31746	64018-6	8"	18	3/4"	0.035	5	Heavy ga. metals
31746-15	64019-3	8"	18	3/4"	0.035	15	Heavy ga. metals
31750	64020-9	9"	6	3/4"	0.050	5	Wood with nails
31750-15	64021-6	9"	6	3/4"	0.050	15	Wood with nails
31754	64022-3	9"	6	7/8"	0.062	3	Demo
31756	64023-0	9"	10	7/8"	0.062	3	Demo
31758	64024-7	12"	6	3/4"	0.050	5	Wood with nails
31758-15	64050-6	12"	6	3/4"	0.050	15	Wood with nails
31762	64051-3	12"	6	7/8"	0.062	3	Demo
31764	64027-8	12"	10	7/8"	0.062	3	Demo
31766	64028-5	12"	10/14	3/4"	0.050	5	Wood with nails

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Never use on or near live electrical circuits.

# Knives & Cutting Tools

Klein provides a wide range of knives, scissors and other cutting tools for professional applications across all trades.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Knives & Cutting Tools





## Pocket Knives – One Blade

### Lightweight Lockback Knives

- Blades are AUS 8 stainless steel hardened to 58-59 Rc.
- Premium quality blade offers superior edge holding.
- Impact-resistant nylon resin handle with rubber insert (Cat. Nos. 44002-44005).
- Slim and comfortable silver anodized-aluminum handle for corrosion-resistance (Cat. Nos. 44000, 44001, 44006, 44007, 44008).
- Black chrome blade and black anodized-aluminum handle for corrosion-resistance (Cat. Nos. 44000-BLK and 44001-BLK).
- Cat. No. 44008 features drop point and screwdriver blades.
- Reversible thumb stud provides easy one-handed opening.

Cat. No.	Blade Steel	Blade Length	Closed Length	Weight (oz.)
<b>Drop Point Blade</b>				
44000	AUS 8 stainless steel	2-1/4" (57 mm)	3-1/8" (76 mm)	1.5
44000-BLK	AUS 8 stainless steel	2-1/4" (57 mm)	3-1/8" (76 mm)	.08
44001*	AUS 8 stainless steel	2-1/2" (64 mm)	3-1/2" (89 mm)	2.5
44001-BLK*	AUS 8 stainless steel	2-1/2" (64 mm)	3-1/2" (89 mm)	1.3
44002	AUS 8 stainless steel	2-3/8" (60 mm)	3-1/2" (89 mm)	1.5
44003	AUS 8 stainless steel	2-3/4" (70 mm)	4-1/8" (105 mm)	2.5
<b>Sheepfoot Blade</b>				
44004	AUS 8 stainless steel	2-3/8" (60 mm)	3-1/2" (89 mm)	1.5
44005	AUS 8 stainless steel	2-5/8" (67 mm)	4-1/8" (105 mm)	2.5
44006*	AUS 8 stainless steel	2-5/8" (67 mm)	3-1/2" (89 mm)	.13

\* Includes a pocket/belt clip.



44001-BLK



44001



44002



44005

Cat. No.	Blade Steel	Blade Length	Closed Length	Weight (oz.)
<b>Coping Blade</b>				
44007*	AUS 8 stainless steel	2-1/2" (63 mm)	3-1/2" (89 mm)	.15

\* Includes a pocket/belt clip.

### Lightweight Lockback Knives – Tanto Blade

- Tanto blade is AUS 8 stainless-steel hardened to 58-59 Rc.
- Black chrome blade and black anodized-aluminum handle for corrosion resistance.
- Premium quality blade offers superior edge holding.
- Reversible thumb stud provides easy, one-handed opening.



44053BLK

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
44051BLK	AUS 8 stainless-steel	2-3/8" (61 mm)	3-3/8" (86 mm)	1.5
44052BLK*	AUS 8 stainless-steel	2-3/4" (69 mm)	3-5/8" (92 mm)	2.4
44053BLK*	AUS 8 stainless-steel	2-7/8" (73 mm)	4" (101 mm)	3.2

\* Includes a pocket/belt clip.

### Money-Clip Pocket Knife – Spearpoint Blade and Nail File

- Handsome, brushed stainless steel case with rosewood insert.
- Includes money clip, 1-1/2" (38 mm) spearpoint blade and 1-1/2" (38 mm) nail file.

Cat. No.	Blade Type	Blade Length	Length Closed	Weight (oz.)
44031	stainless steel	1-1/2" (38 mm)	2-1/8" x 7/8" x 1/4" (54 mm x 22 mm x 6 mm)	.80



44031

All dimensions are in inches and (millimeters).

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Never use on or near live electrical circuits.

## Pocket Knives – One Blade

### Compact Pocket Knives – Drop Point Blade

- Compact and lightweight knives.
- Stainless steel handles and blades for long life.



44033

- Rosewood handle inserts on both sides.
- Modified spearpoint blades lock open.

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
44032	stainless steel	1-5/8" (41 mm)	2-1/2" (64 mm)	1.0
44033	stainless steel	2" (51 mm)	3" (76 mm)	1.8
44034	stainless steel	2-5/8" (67 mm)	4" (102 mm)	4.0

### Sportsman Knives – Sharp Point Blade

- Curved handle with big bolster.
- Brass bolsters and ebony wood handles.
- Stainless steel blades for long life.
- Brass linings.



44037

- Blade locks open.
- Cat. No. 44037 furnished with **leather** snap case with belt loop.

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
44035	stainless steel	2" (51 mm)	3" (76 mm)	1.5
44036	stainless steel	2-3/8" (60 mm)	3-1/2" (89 mm)	2.5
44037	stainless steel	3-3/8" (86 mm)	4-7/8" (124 mm)	6.5

### Pocket Knives – Coping Blade

- Coping-type blade.
- Compact and lightweight.
- Ideal for skinning small wire and cable.
- Blade locks open (Cat. No 1550-11).

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-5	carbon steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5
1550-11*	carbon steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5
1550-14*	carbon steel	3" (76mm)	4-1/4" (108mm)	4.0
1550-45	stainless steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5

\*Blade locks open



1550-11

### Pocket Knives – Sheepfoot Slitting Blade

- Extra-large curved sheepfoot slitting-blade – 2-5/8" (67 mm) long.
- Ideal for heavy-duty line work.
- Woodgrain plastic handle.
- Blade locks open.



1550-4

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-4	carbon steel	2-5/8" (67 mm)	4" (102 mm)	4.0
1550-44	stainless steel	2-5/8" (67 mm)	4" (102 mm)	4.0

### Pocket Knife – Slitting Blade

- Large, stainless steel, curved-sheepfoot slitting blade – 2-1/2" (64 mm) long.
- Ideal for heavy-duty line work.
- Plastic handle.
- Blade locks open.



1550-24

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-24	stainless steel	2-1/2" (64 mm)	4-3/8" (111 mm)	2.5

All dimensions are in inches and (millimeters).

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Never use on or near live electrical circuits.



## Pocket Knives – Two Blades

### 2-Blade Pocket Knives – Spearpoint and Screwdriver- Tip Blades



1550-2

- Standard spearpoint blade – 2-1/2" (64 mm) long.
- Screwdriver-tip blade – 2-1/2" (64 mm) long.
- Screwdriver-tip blade locks open.

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-2	carbon steel	2-1/2" (64 mm)	3-3/4" (95 mm)	4.0
1550-42	stainless steel	2-1/2" (64 mm)	3-3/4" (95 mm)	4.0

### 2-Blade Pocket Knife – Sheepfoot and Screwdriver-Tip Blades



1550-7

- Curved sheepfoot slitting blade – 2-3/8" (60 mm) long.
- Screwdriver-tip blade – 2-1/2" (64 mm) long.
- Screwdriver blade locks open.

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-7	carbon steel	2-3/8" (60 mm) and 2-1/2" (64 mm)	3-3/4" (95 mm)	4.0

### 2-Blade Pocket Knife – Sheepfoot and Insulation-Slitting Blades



1550-10

- Curved sheepfoot skinning blade – 2-3/8" (60 mm) long.
- Special insulation-slitting blade – 1-1/2" (38 mm) long.
- Slitting blade locks open.

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-10	carbon steel	2-3/8" (60 mm) and 1-1/2" (38 mm)	3-3/4" (95 mm)	4.0

### 2-Blade Lightweight Lockback Knife – Drop-Point & Screwdriver Blades



44008

- Drop-point and screwdriver blades are AUS 8 stainless-steel hardened to 58-59 Rc.
- Anodized-aluminum handle for corrosion-resistance.
- Includes removable pocket/belt clip for easy access.
- Thumb stud provides easy one-handed opening.

Cat. No.	Blade Steel	Blade Length	Closed Length	Weight (oz.)
44008*	AUS 8 stainless steel	2-1/2" (63 mm)	3-1/2" (89 mm)	.24

\* Includes a pocket/belt clip.

All dimensions are in inches and (millimeters).

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Never use on or near live electrical circuits.

### 3-Blade Pocket Knife – Sheepfoot, Spearpoint and Screwdriver-Tip Blades

- Curved sheepfoot 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 Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-6	carbon steel	2-3/8" (60 mm), 2-1/2" (64 mm), 2-1/2" (64 mm)	3-3/4" (95 mm)	5.0

### 3-Blade Pocket Knife – Spearpoint, Insulation-Slitting and Screwdriver-Tip Blades



1550-9

- Spearpoint blade – 2-1/2" (64 mm) long.
- Special insulation-slitting blade – 1-1/2" (38 mm) long.
- Screwdriver-tip blade – 2-1/2" (64 mm) long.
- Both slitting blade and screwdriver-tip blade lock open.

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-9	carbon steel	2-1/2" (64 mm), 1-1/2" (38 mm), 2-1/2" (64 mm)	3-3/4" (95 mm)	5.0

## Sharpening Tools

### Multi-Purpose Sharpening Steel

- A knife sharpener – and a lot more.
- Tungsten-carbide bonded to fine, medium and rough sharpening surfaces; effectively sharpens any knife.
- Chisel point makes tool useful for hacking, prying, scraping, splitting, cutting sheet metal or other rough jobs that would harm a knife.
- Leather-sheath handle folds out of the way for use as a sharpener, provides a convenient way to hold tool when used as a chisel or other tool.
- Leather lanyard holds tool in sheath and secures it to belt or ring.



44150

Cat. No.	Overall Size	Weight (lbs.)
44150	5" x 7/8" x 1/4" (127 mm x 22 mm x 6 mm)	.40

### Pocket-Sized Knife Sharpener



44151

- A rugged, versatile sharpener featuring fine craftsmanship and unique design.
- Blade unscrews and stores in handle for convenient carrying in tool box, pouch, or pocket.
- Blade is precision-cut, hard-chromed steel for accurate, consistent sharpening and long life.
- Magnetized to trap metal particles when sharpening.
- Handle is high-visibility orange color with handy pocket clip.

Cat. No.	Blade Length	Length Closed	Weight (lbs.)
44151	3-3/4" (95 mm)	5-1/2" (140 mm)	.05

### 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.

Cat. No.	Overall Size	Weight (lbs.)
48036	4" L x 2-1/4" W x 3/4" D (102 mm x 57 mm x 19 mm)	.10



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.

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Never use on or near live electrical circuits.



## Special-Purpose Knives

### 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.
- Blades made in the U.S.A.
- Leather holder available, Cat. No. 5185.

Cat. No.	Length Closed	Weight (lbs.)
44100	6" (152 mm)	.22

### Heavy-Duty Utility Knife – Quick Change Retractable Blade KLEIN-KURVE



44107

- Curved handle design with slip-resistant grip for comfort and ease of use.
- No tools required for quick blade change.
- Plastic holster with belt clip for convenient use.
- Safety overlap handle design for heavy-duty cutting.
- Retractable blade locks in three positions.
- Includes one heavy-duty blade and stores up to ten blades in handle.
- Fits most standard utility blades.
- Blades made in the U.S.A.

Cat. No.	Length Closed	Weight (lbs.)
44107	7" (178 mm)	.50

### Double-Locking Folding Utility Knife

- Blade locks in both the open and closed position – an exclusive Klein design.
- Easy blade thumb release – no tools required.
- Uses heavy duty utility blades – most common blade found on the jobsite.
- Includes pocket/belt clip for convenient storage.
- One blade included.

All dimensions are in inches and (millimeters).

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Never use on or near live electrical circuits.

### Utility Knife – Quick Change Retractable Blade



44105

- Blade locks in three positions.
- Notch in bottom for cutting of cord or twine up to 1/8" (3 mm) diameter with blade in any position.
- No tools required for quick blade change.
- Includes three heavy-duty blades, stored in handle.
- Blades made in the USA.
- Leather holder available, Cat. No. 5185.

Cat. No.	Length Closed	Weight (lbs.)
44105	6-3/8" (162 mm)	.42

### Utility-Knife Blade Dispenser – 100 Blades

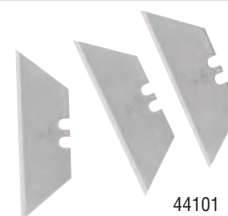


44102

- Heavy-duty razor-edged blades.
- Universal size fits Klein and most other makes of utility knives.
- Blades are reversible for extra life.
- Dispenser mounts vertically to dispense one blade at a time.
- Dispenser measures 2-3/4" W x 1-1/8" D x 5" H (70 mm x 29 mm x 127 mm).
- Blades made in the U.S.A.

Cat. No.	Contains	Weight (lbs.)
44102	utility-knife blade dispenser complete with 100 blades	1.00

### Utility Knife Blades



44101

- 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.

Cat. No.	Blade Size	Package Size	Weight (lbs.)
44101	2-7/16" x .025" (62 mm x 6 mm)	5 blades	.05
44104	2-7/16" x .025" (62 mm x 6 mm)	bulk package of 400 blades	4.0



44108

Cat. No.	Length Closed	Overall Length with blade	Weight (lbs.)
44108	3" (76 mm)	6 1/8" (156 mm)	.30

**⚠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.

## 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 handle for comfort.
- Leather guard available, Cat. No. 5574S.

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
1515-S	7-3/8" (187 mm)	2-19/32" (66 mm)	.35

## 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 handle for comfort.
- Leather guard available, Cat. No. 5574L.

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
1515-1	8-3/4" (222 mm)	4-1/2" (114 mm)	1.20

## Cable/Lineman's Skinning Knives



1560-3



1570-3

- Three-inch steel blade withstands frequent scoring and slitting of cable jacket.
- Blade and ring are securely molded in handle.
- Notch on blade back for scraping or removing wire insulation.
- Comfortable textured handle with finger grooves and guard.
- Heavy-duty serrated steel blade for saw-action cutting (Cat. No. 1560-3).
- No contact between stainless steel ring and hardened steel blade (available on Cat. No. 1570-3).
- Rectangle-shaped handle design for attachment to some utility hot stick equipment.
- Leather sheath available, Cat. No. 5163.

Cat. No.	Description	Handle Color	Length Less Ring	Weight (lbs.)
1560-3	serrated blade, notch, and ring	black	8" (203 mm)	.30
1570-3	hook blade, notch, and ring	red	8" (203 mm)	.30
1570-3LR	hook blade and notch	red	8" (203 mm)	.29

## Cable-Splicer's Kits



46037

- Cuts cable, telephone wire, and strips insulation.
- Dimensions: 2-1/8" x 7-1/2" (54 mm x 191 mm).

Cat. No.	Kit Contains	Weight (lbs.)
46037	cable splicer's kit	.50

### Cat. No. Description

44200	cable-splicer's knife
2100-7	electrician's scissors with stripping notches
5187	slotted leather holder for belts up to 2" (51 mm) wide

Cat. No.	Kit Contains	Weight (lbs.)
46039	cable splicer's kit - with free-fall snip	.58

### Cat. No. Description

44200	cable-splicer's knife
2101-0	free-fall snip
5187	slotted leather holder for belts up to 2" (51 mm) wide

## 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.

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
44200	6-1/4" (159 mm)	1-3/4" (44 mm)	.15



44200

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Never use on or near live electrical circuits.

**⚠ WARNING:** NOT insulated. Will NOT protect against electrical shock.



## Electrician's Scissors

### Electrician's Scissors



2100-5

- 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.	Overall Length	Cutting Length	Weight (lbs.)
2100-5	5-1/4" (133 mm)	1-7/8" (48 mm)	.20

### Electrician's Scissors – Stripping Notches



2100-7

- 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.

Cat. No.	Overall Length	Cutting Length	Weight (lbs.)
2100-7	5-1/4" (133 mm)	1-7/8" (48 mm)	.20

### Stainless Steel Electrician's Scissors – Stripping Notches



2100-9



2100-8

- Stainless steel blades to maintain blade durability and sharpness.
- Blade is fully serrated for non-slip cutting action.
- Free-fall snip feature for ease of use (2100-8).
- Cuts electrical communication 19 AWG and 23 AWG wire.
- Extended handle provides comfort and cutting leverage for wire cutting application (2100-8).
- 56 HRC.

Cat. No.	Overall Length	Cutting Length	Weight (lbs.)
2100-8	6-5/16" (160 mm)	1-7/8" (48 mm)	.21
2100-9	5-1/4" (133 mm)	1-7/8" (48 mm)	.21

## Industrial High-Leverage Shears

### High-Leverage Snip



22000

- Nickel chrome plating resists corrosion and rusting.
- Broad, short jaws provide powerful cutting action (22001, 22002).
- One blade is serrated for non-slip cutting action (22001, 22002).
- Extended handle provides comfort and cutting leverage (22002, 22003).
- High-leverage provides powerful cutting action for light metals, rubber and heavy fabrics (22000, 22003).
- Cuts light wire, fabric, cable and cordage (22001).
- Cuts rubber, cables, light metal, wire metal screens, cordage, plastics and ropes (22002).

### Broad Blade Utility Shear



22001

### Large Broad Blade Utility Shear



22002

### 8" High-Leverage Utility Shear



22003

Cat. No.	Overall Length	Cutting Length	Weight (lbs.)
22000	7" (180 mm)	1-3/4" (45 mm)	.34
22001	8" (203 mm)	2" (51 mm)	.55
22002	8-1/2" (216 mm)	2" (51 mm)	.55
22003	9" (229 mm)	3" (76 mm)	.49

All dimensions are in inches and (millimeters).

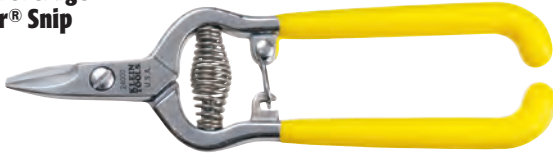
**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Never use on or near live electrical circuits.



# Industrial Utility Snips

## High-Leverage Kevlar® Snip



24000

- Nickel chrome plating resists corrosion and rusting.
- One blade is serrated for non-slip cutting action.
- Spring loaded for self-opening action.
- Handy closure lock for convenient storage (24000, 24001).
- Compatible for right- and left-handed users.
- Excellent for cutting Kevlar® insulation in fiber optic applications (24000, 24001).
- Excellent for cutting electronics and filaments (24005).

Cat. No.	Overall Length	Cutting Length	Weight (lbs.)
24000	6-1/2" (165 mm)	5/8" (16 mm)	.28
24001	6-1/2" (165 mm)	1" (25 mm)	.28
24005	5" (127 mm)	1" (25 mm)	.22

## Spring Action Snip



24001

## 5" Electronic Filament Snip



24005

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company.

## Bent Trimmers

### 8" Bent Trimmer

- Cuts plastic, rubber, rubber roofing, roofing materials, cording, vinyl, fiberglass components and cloth materials.



23008

- Nickel-chrome plating resists corrosion and rusting.
- Extended handle provides comfort and cutting leverage.



23010

### 10" Bent Trimmer

- Cuts plastic, rubber, rubber roofing, roofing materials, cording, vinyl, fiberglass insulation and cloth materials.



23011

### 11-1/4" Bent Trimmer

- Cuts felt lining, muslin, cord, rubber, abrasive materials and multiple layers of fabric.



23015

### Single Serrated Blunt Blade Shear

- Cuts belting, abrasive belting, heavy fabric, leather, upholstery and heavy carpet.
- Deep serrated blade for non-slip cutting action.

Cat. No.	Overall Length	Cutting Length	Weight (lbs.)
23008	9" (229 mm)	3-1/2" (89 mm)	.41
23010	10-1/2" (267 mm)	4-1/2" (114 mm)	.99
23011	11-1/4" (286 mm)	4-3/4" (121 mm)	1.24
23015	9-3/4" (248 mm)	3-3/16" (81 mm)	.94

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Never use on or near live electrical circuits.





# 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®



## 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.
- Correctly balanced and designed specifically for use in electrical work.
- Extra-long neck, and narrow striking face are ideal for reaching into outlet boxes and other tight areas.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
807-18	18 oz. (510 g)	15" (381 mm)	1.85

## 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 (lbs.)
818-16	16 oz. (454 g)	13" (330 mm)	1.85
818-20	20 oz. (567 g)	14" (356 mm)	2.00

## Lineman's Straight-Claw Hammer



- Heavy-duty, double-duty hammer drives lags and pulls big nails.
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw.
- Straight-grain hickory handle, lacquered.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
832-32	32 oz. (907 g)	15" (381 mm)	2.50

## 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 (lbs.)
808-16	16 oz. (454 g)	13" (330 mm)	1.85
808-20	20 oz. (567 g)	14" (356 mm)	2.00

## Ball-Peen Hammers



- High-carbon steel head is forged and hardened.
- Crowned face with uniform bevel.
- Smoothly rounded peen.
- Straight-grain hickory handle is stained and lacquered.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
803-8	8 oz. (227 g)	11-1/2" (292 mm)	.75
803-12	12 oz. (340 g)	12-1/2" (318 mm)	1.10
803-16	16 oz. (454 g)	13-1/2" (343 mm)	1.40
803-24	24 oz. (680 g)	15" (381 mm)	1.90
803-32	32 oz. (907 g)	15" (381 mm)	2.50

## Lineman's Double-Face Hammer



- Designed for pole-line work.
- Rugged and well-balanced, with the weight to drive lag bolts.
- Forged, tempered-steel head is only 3-3/4" (95 mm) long for use in tight areas.
- Identical faces with 1-3/4" (44 mm) round-crown driving surface and beveled edges.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
809-36	36 oz. (1021 g)	14" (356 mm)	2.50



## Hammers

### 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.
- Special handle treatment removes handle moisture and replaces it with oil to help eliminate the effects of extreme temperatures.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
823-48	48 oz. (1361 g)	10" (254 mm)	3.25



823-48

### Setting Hammer



820-16

- 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.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
820-16	16 oz. (454 g)	13" (330 mm)	1.6

### Riveting Hammer



821-12

- 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.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
821-12	12 oz. (340 g)	12-1/4" (311 mm)	1.1

## 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 (lbs.)
66140	3/8" (10 mm)	5" (127 mm)	.10
66142	1/2" (13 mm)	6" (152 mm)	.20
66143	5/8" (16 mm)	6-1/2" (165 mm)	.35
66144	3/4" (19 mm)	7-1/2" (191 mm)	.60
66145	7/8" (22 mm)	8" (203 mm)	.85
66146	1" (25 mm)	8-1/2" (216 mm)	1.31

### Cold Chisels – Long-Length



66177

- Heat-treated, high-carbon steel for necessary hardness and durability.
- Cuts, shapes and removes metal.
- Correctly ground edge and long length work better in hard-to-reach areas.
- Corrosion-resistant black finish.

Cat. No.	Blade Width	Overall Length	Weight (lbs.)
66174	1/2" (13 mm)	12" (305 mm)	.40
66177	3/4" (19 mm)	12" (305 mm)	1.05
66183	1" (25 mm)	12" (305 mm)	2.05

All dimensions are in inches and (millimeters) unless otherwise specified.

**WARNING:** Always wear approved eye protection.

## Chisels

### Electrician's Chisel



66100

- One-piece forged handle and blade of strong alloy steel.
- Corrosion-resistant black finish extends to the polished blade edge.

Cat. No.	Blade Width	Overall Length	Weight (lbs.)
66100	2-3/4" (70 mm)	8" (203 mm)	1.10

### Center Punches



66313

- 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.

Cat. No.	Shank Diameter	Overall Length	Weight (lbs.)
66310	1/4" (6 mm)	4 1/4" (108 mm)	.05
66311	5/16" (8 mm)	4 1/2" (114 mm)	.10
66312	3/8" (10 mm)	5" (127 mm)	.10
66313	1/2" (13 mm)	6" (152 mm)	.25

## Punches

### Drift Punches



66343

- High-carbon steel for durability.
- Rugged design for impact strength.
- Strong, heat-treated points are smooth and correctly tapered.
- Corrosion-resistant black finish.

Cat. No.	Point	Taper	Overall Length	Weight (lbs.)
66340	1/8" (3 mm)	4-1/4" (108 mm)	8" (203 mm)	.20
66342	3/16" (5 mm)	5" (127 mm)	9" (229 mm)	.35
66343	1/4" (6 mm)	5-1/2" (140 mm)	11" (279 mm)	.75
66344	5/16" (8 mm)	5-1/2" (140 mm)	11" (279 mm)	.75

## Punches

### Pin Punches



66324

- High-carbon steel for durability.
- Precision-ground shank.
- Heat-treated for added strength and hardness at working end.
- Corrosion-resistant black finish.

Cat. No.	Point Diameter	Overall Length	Weight (lbs.)
66320	1/16" (1.5 mm)	4-1/4" (108 mm)	.05
66321	3/32" (2 mm)	4-3/4" (121 mm)	.10
66322	1/8" (3 mm)	5" (127 mm)	.10
66323	5/32" (4 mm)	5-1/4" (133 mm)	.10
66324	3/16" (5 mm)	5-1/2" (140 mm)	.10
66325	1/4" (6 mm)	7" (178 mm)	.20





# Test & Measurement

Crafted for optimum durability, reliability and functionality, our innovative new 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®



# Electrical Test & Measurement

Multimeters



Clamp Meters



Electrical Testers





# Multimeters

## Professional Series Multimeters

- Solid construction and rugged rubber boots.
- Data hold feature saves measurement for later viewing.

**Additional Features for  
Cat. Nos. MM1000, MM2000**

- Bar graph responds quickly to changes in measurement.
- Max / Min / Relative reading for quick troubleshooting in the field.



Double Insulated



Measurement	MM100 Manual Ranging Multimeter	MM200 Auto Ranging Multimeter	MM1000 Electrician's / HVAC Multimeter	MM2000 Electrician's / HVAC TRMS Multimeter
AC Current	—	10A	10A	10A
DC Current	10A	10A	10A	10A
AC Voltage	600V	600V	1000V	1000V
DC Voltage	600V	600V	1000V	1000V
Resistance	2MΩ	40MΩ	40MΩ	40MΩ
Micro Amps	—	≥ 0.1μA	≥ 0.1μA	≥ 0.1μA
Capacitance	—	200μF	4000μF	4000μF
Temperature	—	-4 ~ 1832°F	-58 ~ 1832°F	-58 ~ 1832°F
Frequency / Duty Cycle	—	1MHz	1MHz	1MHz
Diode Test	•	•	•	•
Continuity	•	•	•	•
Battery Test	•	—	—	—
<b>Features</b>				
LCD Counts	2000	4000	4000	4000
Data Hold	•	•	•	•
Manual Range	•	—	•	•
Auto Range	—	•	•	•
Auto Power-Off	—	•	•	•
Backlight	—	•	•	•
Maximum / Minimum Hold	—	—	•	•
Relative Reading	—	—	•	•
Bar Graph	—	—	•	•
Magnetic Hanger Compatible	—	—	•	•
True RMS	—	—	—	•
Low Impedance	—	—	—	•

Listing



Cat. No.	CAT Rating	Batteries	Height	Width	Depth	Weight (oz.)	Included Accessories
MM100	CAT III 600V	1 x 9V	5.75" (146 mm)	2.75" (69.9 mm)	1.75" (44.5 mm)	8.0 (227 g)	test leads, battery
MM200	CAT III 600V	1 x 9V	5.75" (146 mm)	2.75" (69.9 mm)	1.75" (44.5 mm)	8.2 (232 g)	test leads, battery, thermocouple
MM1000	CAT IV 600V	2 x AAA	7.00" (178 mm)	3.50" (88.9 mm)	1.875" (47.6 mm)	14.0 (397 g)	test leads, batteries, thermocouple
MM2000	CAT IV 600V	2 x AAA	7.00" (178 mm)	3.50" (88.9 mm)	1.875" (47.6 mm)	14.0 (397 g)	test leads, batteries, thermocouple

Cat. No.	Type
69192	F 440mA / 1000V
69191	F 11A / 1000V



All dimensions are in inches and (millimeters).

See end of section for important safety information regarding the test and measurement line.

## Professional Series Clamp Meters

- Large jaw sizes.
- Worklights illuminate dark work spaces.
- Data hold captures measurements in any situation.

### Additional Features for Cat. Nos. CL1000, CL2000

- Built-in magnetic mount for hands-free convenience.
- Non-contact voltage detection at the push of a button.
- Quick-response bar graph shows elusive fluctuations.



		CL100 600A AC Clamp Meter	CL200 600A AC Clamp Meter w/ Temp	CL1000 400A AC Clamp Meter	CL2000 400A AC/DC TRMS Clamp Meter
<b>Measurement</b>					
	AC Current		600A	600A	400A	400A
	DC Current		—	—	—	400A
	AC Voltage		600V	600V	750V	750V
	DC Voltage		600V	600V	1000V	1000V
	Micro Amps		—	—	0.1 ~ 2000µA	0.1 ~ 2000µA
	Resistance		20MΩ	40MΩ	40MΩ	40MΩ
	Capacitance		—	100µF	4000µF	4000µF
	Frequency/Duty Cycle		—	100kHz	1MHz	1MHz
	Diode Test		●	●	●	●
	Continuity		●	●	●	●
	Temperature		—	-4 ~ 1832°F	—	—
	Non Contact Voltage		—	—	●	●
<b>Features</b>					
	LCD Counts		2000	4000	4000	4000
	Data Hold		●	●	●	●
	Auto Power-Off		●	●	●	●
	Backlight		●	●	●	●
	Worklight		●	●	●	●
	Auto/Manual Range		●	●	●	●
	Maximum Hold		●	—	●	●
	Minimum Hold		—	—	●	●
	Bar Graph		—	—	●	●
	Magnetic Mount		—	—	●	●
	Relative Reading		—	—	—	●
	True RMS		—	—	—	●

Listing



Cat. No.	CAT Rating	Batteries	Jaw Size	Height	Width	Depth	Weight (oz.)	Included Accessories
CL100	CAT III 600V	3 x AAA	1.0" (25.4 mm)	8.2" (208 mm)	3.0" (76.2 mm)	1.4" (35.6 mm)	9.9 (281 g)	test leads, batteries, case
CL200	CAT III 600V	3 x AAA	1.0" (25.4 mm)	8.2" (208 mm)	3.0" (76.2 mm)	1.4" (35.6 mm)	10.0 (283 g)	test leads, batteries, case, thermocouple
CL1000	CAT III 600V	2 x AAA	1.25" (31.8 mm)	8.875" (225 mm)	3.375" (85.7 mm)	1.5" (38.1 mm)	10.7 (303 g)	test leads, batteries, case
CL2000	CAT III 600V	2 x AAA	1.25" (31.8 mm)	8.875" (225 mm)	3.375" (85.7 mm)	1.5" (38.1 mm)	10.7 (303 g)	test leads, batteries, case

All dimensions are in inches and (millimeters).

See end of section for important safety information regarding the test and measurement line.





# Specialty Clamp Meters

## 200A AC Fork Meter

- Open jaw conveniently measures 1/0 wire and AC currents up to 200A.
- Backlit display is readable even in dark locations.
- Relative reading feature automatically calculates the difference between the live measurement and a previously stored measurement.



## 200A AC Hook Meter

- Unique hook-style current clamp fits into tight spaces and measures 1/0 wire.
- Automatically selects voltage or current based on what is being measured. No manual switching between current and voltage required.
- Bright white LED worklight illuminates any workspace.



Measurement	CL3000 200A AC Fork Meter	CL3100 200A AC Hook Meter
AC Current	200A	200A
AC Voltage	750V	750V
DC Voltage	1000V	1000V
Resistance	40MΩ	40MΩ
Capacitance	40μF	—
Frequency / Duty Cycle	100kHz	—
Diode Test	●	—
Continuity	●	●
<b>Features</b>		
LCD Counts	4000	4000
Data Hold	●	—
Relative Reading	●	—
Auto Power-Off	●	●
Auto Range	●	●
Backlight	●	●
Worklight	—	●
Voltage/Current Auto Select	—	●
Maximum / Minimum Hold	—	●
Bar Graph	—	●
Magnetic Hanger	—	●
Listings		

Cat. No.	CAT Rating	Batteries	Jaw Size	Height	Width	Depth	Weight (oz.)	Included Accessories
CL3000	CAT III 600V	1 x 9V	0.5" (12.7 mm)	7.50" (191 mm)	2.70" (68.6 mm)	1.70" (43.2 mm)	7.4 (210 g)	test leads, batteries, case
CL3100	CAT IV 600V	2 x AAA	0.5" (12.7 mm)	10.25" (260 mm)	2.50" (63.5 mm)	1.50" (38.1 mm)	8.6 (244 g)	test leads, batteries, case

## Electronic Voltage Testers

- Measures AC and DC voltage at 9 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.
- Vibration and sound alerts for dangerous voltage levels.
- Modern solid-state construction provides CAT IV 600V safety rating.

### Additional Features for Cat. No. ET200

- Bright worklight to illuminate your work space.
- Audible continuity alerts at less than 270kΩ.

### Standards:

UL 61010-1 2nd edition  
UL 61010-31 2nd edition  
CAN/CSA C22.2 No. 61010-01  
CAN/CSA C22.2 No. 61010-031



ET200

Cat. No.	CAT Rating	Batteries	Height	Width	Depth	Weight (oz.)
ET100	CAT IV 600V	3 x AAA	7.375" (187 mm)	2.375" (60.3 mm)	1.25" (31.8 mm)	8.1 (230 g)
ET200	CAT IV 600V	3 x AAA	7.375" (187 mm)	2.375" (60.3 mm)	1.25" (31.8 mm)	8.1 (230 g)

## Digital Circuit Breaker Finder

- Quickly, accurately, and automatically find the correct circuit breaker of any standard 120V outlet.
- Does not require interruption of service. Power can be left on.
- Bright green arrow and loud beeping tone provide clear indication of correct breaker.
- Strong transmitter reaches distances up to 1000 feet.
- Find breakers of light fixtures and bare wires with optional adapter set (see accessories page).



ET300



Cat. No.		Batteries	Height	Width	Depth	Weight (oz.)
ET300	receiver	1 x 9V	6.00" (152 mm)	2.00" (50.8 mm)	0.90" (22.9 mm)	3.2 (90.7 g)
	transmitter	N/A	2.80" (71.1 mm)	1.90" (48.3 mm)	1.20" (30.5 mm)	1.6 (45.4 g)



# Electrical Testers

## Non-Contact Voltage Testers (NCVT-1/NCVT-2)

- Non-contact detection of standard voltage 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.
- Digitally controlled ON/OFF power button.
- Auto power-off feature conserves and extends battery life.
- Microprocessor controlled low-battery indicator.
- CAT IV 1000 Volt rating provides expanded operation and protection.
- Lightweight durable polycarbonate plastic resin construction with a convenient pocket-clip.
- Package contains insert card w/ integrated owner's manual and 2 AAA 1.5 volt batteries.



NCVT-1



### Additional Features for Dual Range NCVT2

- 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 TO 48 VOLTS AC (Low) (NCVT2 only)	48 TO 1000 VOLTS AC (Standard)
<b>Audible</b>	Low-Pitched Pulsing Beeping Sound	High-Pitched Continuous Beeping Sound
<b>Visual</b>	Green LED Turns OFF and Red LED Blinks (approximately 2-times per second).	Green LED Turns OFF and Red LED illuminates continuously.

### Standards:

UL 61010-1 2nd edition  
CAN/CSA C22.2 No. 610101-04  
EN 61010-1 2nd edition  
IEC 61010-1:2001 2nd edition  
ISA-82.02.01 (IEC 61010-1 MOD)

### Patents:

US D583,266 S



NCVT-2

**NEW!**



E321008 3TMV



Cat. No.	Voltage Range	Frequency Range	Pollution Degree	Batteries	Overall Length	Width	Height	Weight (oz.)	Weight w/ Batteries (oz.)
NCVT-1	50-1000 volts AC	50-500 Hz	2	2 x AAA	5.50" (140 mm)	0.72" (18 mm)	1.0" (25 mm)	0.8 (23 g)	1.6 (46 g)
NCVT-2	12-1000 volts AC	50-500 Hz	2	2 x AAA	5.50" (14.0 cm)	0.72" (1.8 cm)	1.0" (2.5 cm)	0.8 (23 g)	1.6 (46 g)

### ⚠WARNINGS:

- It is important that users of this tester read, understand, and follow all warnings, cautions, safety information, and instructions in the manual before operating or servicing this tester. Failure to follow instructions could result in death or serious injury.
- Risk of electric shock and burn. Contact with live circuits could result in death or serious injury.
- Use caution with voltages above 30V AC as a shock hazard may exist.
- A blinking or steady red glow and an audible beep indicate voltage present. If no indication, voltage could still be present.
- In bright light conditions, the LED visual indicators will be less visible.
- Do not use if green LED is not illuminated.

### ⚠WARNINGS:

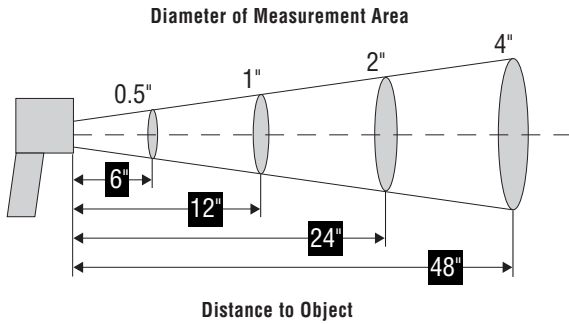
- Do not use if tester appears damaged or if the tester is not operating properly. If in doubt, replace the tester.
- Do not apply more than the rated voltage as marked on the tester (1000 volts AC).
- Always wear approved eye protection.
- Before each use, verify operation by testing a known working circuit that is within the rating of this tester.
- Do not rely on this tester with shielded wire. Operation may be affected by differences in socket design and insulation thickness and type.
- Comply with local and national safety requirements.
- If this tester is used in a manner not specified by the manufacturer, protection provided by the tester may be affected.

**⚠CAUTION:** Do not attempt to repair this tester. It contains no serviceable parts. Do not expose the product to extremes in temperature or high humidity.



## 12:1 Infrared Thermometer

- Backlit Display
- Fahrenheit or Celsius.
- Max, Min, Average, Differential Calculations
- 12:1 Spot Ratio allows quick checks of all types of environments, hazardous extreme temperature ranges, or remote areas
- Temperature Range of -58 to 1000°F (-50 to 538°C)



IR1000

Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)
IR1000	2 x AAA	7" (178 mm)	3.25" (82.6 mm)	1.74" (44.2 mm)	8.1 (230 g)

## Electrical Testers

### 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" (914 mm) test lead with alligator clip.
- Uses one AAA battery (not included).

Cat. No.	Description	Weight (lbs.)
69133	overall length probe to clip, 43-3/4" (1,111 mm)	.20
<b>Replacement Part</b>		
69131	replacement bulb for Cat. No. 69133	.04

### 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" (914 mm) test lead with alligator clip.

Cat. No.	Description	Weight (lbs.)
69127	overall length probe to clip, 43-1/4" (1,099 mm)	.20
<b>Replacement Part</b>		
69130	replacement bulb for Cat. No. 69127	.01

All dimensions are in inches and (millimeters).

**⚠WARNING:** Do NOT use continuity tester for checking continuity on live circuits.

All dimensions are in inches and (millimeters).

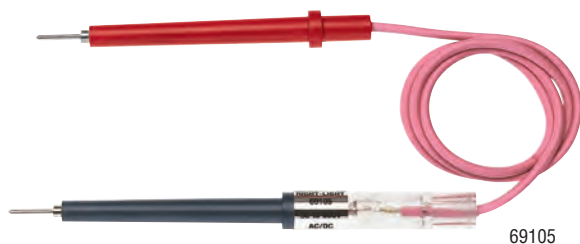
See end of section for important safety information regarding the test and measurement line.





# Electrical Testers

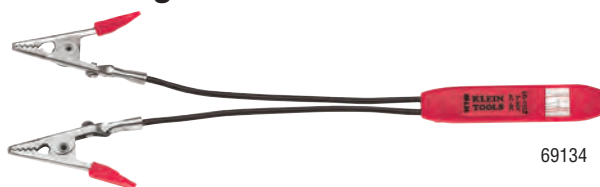
## Circuit Tester



- 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.
- Reliable electronic components.

Cat. No.	Overall Length with Probes	Weight (lbs.)
69105	35" (889 mm)	.15

## 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.

Cat. No.	Overall Length	Weight (lbs.)
69134	8" (203 mm)	.05

## General Purpose Twin-Lead Tester



- Tests voltage in 90-250 volt range, AC or DC.
- Neon lamp glows indicating live circuit.
- The 5" (127 mm) test leads have probes on the ends.
- Handy pocket clip.
- Cat. No. 69132-12 contains 12 of 69136 testers in a plastic display tray.

Cat. No.	Overall Length	Weight (lbs.)
69136	7-7/8" (200 mm)	.05
69132-12	—	.60

## Continuity Tester – Pocket Size



- Battery-powered tester quickly checks continuity of dead circuits, switches, appliances, cords, fuses, motors, control equipment, coils, and panel boards.
- Also tests circuits for low-resistance shorts and helps identify wires in multi-wire cables.
- Spring-steel pocket clip serves as test probe.
- 36" (914 mm) lead with plug on one end, alligator clip on the other.
- Body is copper-nickel-plated brass with plug receptacle in one end, incandescent bulb in the other.
- Can also be used as a flashlight.
- Uses two AA-size penlight batteries (not included).

Cat. No.	Overall Length, Probe to Clip	Weight (lbs.)
69110	45" (1,143 mm)	.20

## Multi-Volt Twin-Lead Tester



- Tests for DC polarity, frequency, and polyphase line.
- Checks and indicates voltage on circuits up to 460 volts, AC or DC.
- Combination of glow lamps indicate voltage being tested—110, 220, 277, or 460 volts.
- Test leads furnished with probes on the ends.

Cat. No.	Overall Length	Weight (lbs.)
69135	7-7/8" (200 mm)	.05

## Test Lead Set



- Set of two 32" (813 mm) leads.
- Red and black.
- Each lead has alligator clips attached to both ends.

Cat. No.	Overall Length	Weight (lbs.)
69128	32" (813 mm)	.40

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Do NOT use continuity tester for checking continuity on live circuits.

# Test & Measurement Line Accessories

## Circuit Breaker Finder Accessory Kit



69411

- For use with ET300 Digital Circuit Breaker Finder.
- Light socket adapter for finding the correct circuit of a lighting fixture.
- Alligator clip adapter enables use of Digital Circuit Breaker Finder on bare wires.

Cat. No.	Description	Weight (oz.)
69411	ET300 digital circuit breaker finder accessory kit	2.1 (59.5 g)

## Replacement Test Lead Set



69410

- Pair of universal test leads includes alligator clips.
- Fits lead storage compartment on the MM1000, MM2000, CL1000, CL2000, and CL3100.
- Also compatible with MM100, MM200, CL100, CL200, and CL3000.

Cat. No.	Description	Weight (oz.)
69410	universal test lead set w/ alligator clips	3.2 (90.7 g)

## Magnetic Hanger



69190

- For use with MM1000 and MM2000 Electrician's Multimeters.
- Clips securely into back of rubber boot.
- Strong magnet attaches securely to metal surfaces for hands-free use.

Cat. No.	Description	Weight (oz.)
69190	magnetic hanger for electrician's multimeters	1.1 (31.2 g)



All dimensions are in inches and (millimeters).

### ⚠ 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.



# Voice/Data/Video Test





## Coax Explorer™ Tester

- 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.
- Batteries included.



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)
VDV512-057	lithium non- replaceable	2.7" (69 mm)	1.1" (28 mm)	0.7" (18 mm)	1.3 (37 g)



VDV512-057

## Coax Explorer™ Plus Tester

- Tests and verifies coaxial cable continuity.
- Identifies/maps up to 4 locations.
- Color coded remotes simplify identification.
- Compact size fits easily into pocket or pouch.
- Bright LED indicates status and location of cable.
- Simple push-button operation.
- Includes convenient remote holder.
- Batteries included.



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)
VDV512-058	lithium non- replaceable	5.6" (142 mm)	1.1" (28 mm)	0.6" (16 mm)	3.3 (94 g)



VDV512-058

## LAN Scout™ Jr. Tester

- Tests continuity on twisted pair data wiring (RJ45) connections.
- Integrated tone generator supports multiple tones and control of pins carrying tone.
- Heavy-duty ports are designed for long life and repeated connections.
- Compact, contoured dual-material chassis fits comfortably in your hand.

Features	VDV526-052
RJ-45 8-wire Cables	•
Continuity Testing	•
<b>Pass</b> TIA-568A/B & Crossover/Uplink	•
<b>LCD</b> LCD Display	•
Wiremap	•
Open Fault	•
Short Fault	•
Miswire Fault	•
Split Pair Fault	•
Multiple Style Tone Generator	•
<b>Apo</b> Auto Power Off	•
Low Battery	•
Voltage Warning	•
Shield Detection	•
Self-Storing Remote	•



RJ45 Port



Self Storing Remote



VDV526-052



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)
VDV526-052	6V – 4 x LR44 alkaline included	4.6" (117 mm)	2.3" (58 mm)	1.1" (28 mm)	4.0 (115 g)

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use on energized circuits.





## VDV Scout™ Pro Tester Kit

- Tests continuity on data (RJ45), voice (RJ11/12) and video (F-Connector Coax) connections.
- Simultaneous testing of video and data cables saves time and improves efficiency.
- Includes 5 location ID remotes for locating cable runs to wall outlets, five RJ45 Remotes & five F-Connector Remotes.
- Integrated tone generator supports multiple tones and control of pins carrying tone.
- Heavy-duty ports are designed for long life and repeated connections.
- Contoured dual material chassis fits comfortably in your hand.
- Recessed F-Connector port for improved reliability.

Features	VDV501-809
RJ-45 8-wire Cables	●
RJ-11/12 6-wire Cables	●
F-connector Coax Cables	●
Continuity Testing	●
<b>Pass</b> TIA-568A/B & Crossover/Uplink	●
<b>LCD</b> LCD Display	●
Wiremap	●
Open Fault	●
Short Fault	●
Miswire Fault	●
Split Pair Fault	●
<b>ID</b> Cable Identification – Up to 19 Locations	Includes 5
Multiple Style Tone Generator	●
<b>Apo</b> Auto Power Off	●
Low Battery	●
Voltage Warning	●
Shield Detection	●
Self-Storing Remote	●



RJ45, F-Connector and RJ11/12 Port



Self Storing Remote



VDV501-809



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)	Included Accessories
VDV501-809	9V alkaline included	6.3" (160 mm)	2.8" (71.2 mm)	1.70" (43.2 mm)	9.0 (256 g)	5 location RJ45 remotes, 5 location F-Connector remotes, 1 F to F Barrel Connector, battery

## LanMap™ Kit for VDV Scout™ Pro Tester

- Identify and map twisted-pair infrastructure (RJ45), up to 19 locations.
- For use with VDV Scout™ Pro Tester (Cat. No. VDV501-053, VDV501-809).
- 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 (oz.)
VDV526-055	3.0" (76 mm)	3.3" (84 mm)	1.4" (36 mm)	1.9 (56 g)



VDV526-055

## CoaxMap™ Kit for VDV Scout™ Pro Tester

- Identify and map coaxial cable infrastructure (F-Connector), up to 19 locations.
- For use with VDV Scout™ Pro Tester (Cat. No. VDV501-053, VDV501-809).
- 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 (oz.)
VDV512-056	3.0" (76 mm)	3.3" (84 mm)	1.0" (26 mm)	5.2 (148 g)



VDV512-056

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use on energized circuits.



## 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).

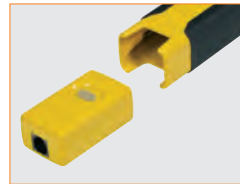


VDV526-054

### Features

VDV526-054

	Adjustable volume	●
	Tone generator, 2 Tones	●
	Self-storing remote	●
	Replaceable tip	●
	Auto Power-Off	●



Self Storing Remote



Adapter



Cat. No.	Batteries	Height	Width	Depth	Weight (oz.)	Included Accessories
VDV526-054	6V – 4 x LR44 alkaline included	8.9" (226 mm)	1.7" (43 mm)	1.2" (31 mm)	5.0 (140 g)	RJ11 to, alligator clip adapter, batteries

## TONEcube & PROBEplus Kit

- Trace wire paths and identify cables in common wiring systems.
- TONEcube Tone Generator.
- PROBEplus Tone Tracing Probe.
- Nylon carrying case with belt loop and D-ring.



VDV500-808



Cat. No.	Set Contains:					Overall Length	Weight (oz.)
VDV500-808						10.5" (267 mm)	12.8 (363 g) with out batteries 16.0 (454 g) with batteries
Cat. No.	Description	Batteries	Battery Life	Height	Width	Depth	Weight
VDV500-051	TONEcube	9V	25 hours active 4 years standby	2.7" (70 mm)	2.5" (63 mm)	1.42" (36 mm)	3.4 (96 g) with out battery 5.0 (142 g) with battery
VDV500-060	PROBEplus	9V	25 hours active 4 years standby	9.9" (252 mm)	2.00" (51 mm)	1.14" (29mm)	4.4 (125 g) with out battery 6.0 (170 g) with battery
–	nylon pouch			10.5" (267 mm)	4.75" (121 mm)	2.25" (57 mm)	4.8 (136 g)

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use on energized circuits.



## TONEcube – Tone Generator

- Trace wire paths and identify cables in common wiring systems.
- Five discrete tracing tones.
- Constant output level over useful battery life.
- Heavy-duty leads with rugged dual-mode modular plug for direct connection to both RJ11 & RJ45 jacks.
- Momentary slide switches prevent accidental operation.
- Designed for use with Klein Tools VDV test tools (Cat. No. VDV526-054, VDV501-060).
- Works with many other manufacturers' analog tone probes.



Cat. No.	Batteries	Battery Life	Height	Width	Depth	Weight (oz.)
VDV500-051	9V	120 hours active 4 years standby	2.7" (70 mm)	2.5" (63 mm)	1.42" (36 mm)	3.4 (96 g) with out battery 5.0 (142 g) with battery

### Features

#### VDV500-051

	Tones	5, high-warble, low-warble, mono, ascending, descending
	Heavy-Duty Leads	
	Rugged RJ11/RJ45 Modular Plug	
	Continuity Testing	
	Voltage Overload Protection	
	Line Status & Polarity	
	Power-On Flashing LED Indicator	
	Auto Power-Off	
	Low Battery Indicator	
	Lanyard Attachment Loop	



VDV500-051

## 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.
- Designed for use with Klein Tools VDV test tools (Cat. No. VDV500-051, VDV526-054, VDV526-052, VDV501-053, VDV501-809).
- Works with many other manufacturers' analog tone generators.
- Replacement tips available (Cat. No. VDV999-065).



VDV500-060



Cat. No.	Batteries	Battery Life	Height	Width	Depth	Weight (oz.) with out battery
VDV500-060	9V	25 hours active 4 years standby	9.9" (252 mm)	2.0" (50 mm)	1.14" (29 mm)	4.4 (112 g) 6.0 (152 g)

### Features

#### VDV500-060

	Amplifier Overload Indication	
	Adjustable digital volume control	
	Tap-Mode Operation	
	Hold-Mode Operation	
	Power-On LED Indicator	
	Visual Notification	
	Auto Power-Off	
	Low Battery Indicator	
	Replaceable Tip	
	Lanyard Attachment Loop	

All dimensions are in inches and (millimeters).

**⚠ WARNING:** Always wear approved eye protection.

**⚠ WARNING:** Do NOT use on energized circuits.



# Flashlights & Accessories

Klein Tools offers flashlights and flashlight accessories for a variety of work environments. Klein flashlights feature advanced technology LEDs that provide superior light and are made of nearly indestructible polymers for years of service.

Flashlights & Accessories



FOR Professionals... since 1857®





# Flashlights

## LED Penlight Flashlight



- Bright, powerful 5 mm Nichia white LED light with 50,000 hours of lamp life.
- 8-lumen tested light-output produces a bright LED beam.
- 50 hours of battery life so you won't be left in the dark.
- Push-button on/off switch provides constant or momentary modes.
- The clip and body are molded from unbreakable Xenoy® as one unit, so the clip will not break off.
- Xenoy® body is resistant to chemicals, water and corrosion.
- Lightweight, slim profile design fits neatly in your shirt pocket and comfortably in your hand.

Cat. No.	Batteries Included	Overall Length	Weight (oz.)†
X3	3 AAAA Alkaline	6.2" (15.7 cm)	1.2

## Xenon Pocket Flashlight



- Xenon lamp module produces a bright, powerful white beam.
- 7-lumen tested light-output generates a strong beam.
- 2 hours of battery life.
- Xenoy® body is resistant to chemicals, water and corrosion.
- Durable polycarbonate, O-ring sealed shroud.
- Twist on/off activation prevents accidental switch activation.
- Submersible to 500 feet.
- Small enough to fit in your pocket.
- Includes shirt clip and 90° "lightbender".

Cat. No.	Batteries Included	Overall Length	Weight (oz.)†
X7	2 AAA Alkaline	4.09" (10.4 cm)	1.6

## LED Clip-On Flashlight



- Dual super bright, powerful 5 mm Nichia white LED lights with 10,000 hours of lamp life.
- 6-lumen tested light-output generates a strong beam.
- 100 hours of battery life so you won't be left in the dark.
- Light turns on when swivel head is flipped up.
- Head pivots to a full 180° for light where you need it.
- Body made of virtually indestructible Xylex™.
- Multiple use built-in clip attaches to surfaces up to 1/2" thick.

Cat. No.	Batteries Included	Overall Length	Weight (oz.)†
X11	2 CR2032 3V Lithium	3.5" (8.9 cm)	1.0

## LED Mini-Pocket Flashlight



- Bright, powerful 5 mm Nichia white LED light with 50,000 hours of lamp life.
- 9-lumen tested light-output generates a strong concentrated beam.
- 130 hours of battery life so you won't be left in the dark.
- Push-button on/off switch provides constant or momentary modes.
- Durable polycarbonate body with O-ring sealed Xenoy® shroud.
- Includes a breakaway lanyard and pocket clip for easy attachment.
- Interchangeable clear, red and green colored lens discs for multiple applications.

Cat. No.	Batteries Included	Overall Length	Weight (oz.)†
X5	4 LR44 Alkaline	2.64" (6.7 cm)	.9

## LED Pocket Flashlight



- Super bright LED lamp powered by lithium – twice as bright as a conventional flashlight.
- 41-lumen tested light-output generates a strong focused beam.
- 40 hours of battery life so you won't be left in the dark.
- Push-button on/off switch provides constant or momentary modes.
- No-slip, indestructible Xenoy® Polymer body is resistant to chemicals, water and corrosion.
- The unique faceted design and knurled grip helps prevent slippage in hazardous environments.
- Durable Xenoy®, O-ring sealed shroud.
- The black oxide coated spring clip resists corrosion and attaches the X9 to shirt pockets and belts.
- Lightweight, compact design for a perfect pocket-sized flashlight.

Cat. No.	Batteries Included	Overall Length	Weight (oz.)†
X9	2 CR123 Lithium	5.27" (13.4 cm)	3.45

## Recoil™ LED Grip-It™ Flashlight



- Bright, powerful 1 watt Luxeon™ Lambertion LED utilizes Recoil LED Technology™ and provides 10,000 hours of lamp life.
- 32-lumen tested light-output produces a bright LED beam.
- Recoil LED Technology™ focuses 100% of the light forward to produce a white collimated beam that's as bright as an incandescent light.
- 32 hours of battery life so you won't be left in the dark.
- One-hand safety on/off switch operation.
- Rugged ABS body with durable polycarbonate lens, O-ring sealed shroud.
- Wrist lanyard secures and suspends flashlight in close proximity.
- Submersible to 500 feet.

Cat. No.	Batteries Included	Overall Length	Weight (oz.)†
X19	4 AA Alkaline	7" (17.8 cm)	7.3

†Weight includes batteries.

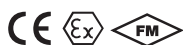
**▲WARNING:** It is important that users of these products read, understand, and follow all instructions, cautions, and warnings that are attached to and/or packed with the product.

## Recoil™ LED Grip-It™ 90° Flashlight

- Bright, powerful 1 watt Luxeon™ Lambertion LED utilizes Recoil LED Technology™ and provides 10,000 hours of lamp life.
- 32-lumen tested light-output produces a bright LED beam.
- Recoil LED Technology™ focuses 100% of the light forward to produce a white collimated beam that's as bright as an incandescent light.
- One-hand safety on/off switch operation.
- Rugged ABS body with durable polycarbonate lens, O-ring sealed shroud.
- 90° right-angle head design.
- Stainless steel clip and ring enable hands-free operation.
- Wrist lanyard secures and suspends flashlight in close proximity.



X21



Cat. No.	Batteries Included	Overall Length	Weight (oz.)†
X21	4 AA Alkaline	7.51" (19.1 cm)	10.5

## Recoil™ LED Heavy Duty Flashlight

- Bright, powerful 1 watt Luxeon™ Lambertion LED utilizes Recoil LED Technology™ and provides 10,000 hours of lamp life.
- 32-lumen tested light-output produces a bright LED beam.
- Recoil LED Technology™ focuses 100% of the light forward to produce a white collimated beam that's as bright as an incandescent light.
- 50 hours of battery life so you won't be left in the dark.
- Twist on/off activation prevents accidental switch activation.
- Rugged ABS body with durable polycarbonate lens, O-ring sealed shroud.
- Submersible to 500 feet.
- Wrist lanyard secures and suspends flashlight in close proximity.
- Spring loaded belt clip securely attaches to belts up to 2".
- Batteries NOT included.



X35



Cat. No.	Batteries	Overall Length	Weight (oz.)
X35	3 C Alkaline	8.11" (20.6 cm)	5.9

## Xenon NiMH Rechargeable Spotlight

- Heavy-duty design with dual lamp modules and a rechargeable battery system in a durable enclosure that is lightest in class at 3.8 pounds.
- Primary Xenon lamp module produces a bright, powerful white beam.
- Back-up Xenon lamp module.
- 600-lumen tested light-output generates a strong beam.
- 1,000 cycle rechargeable NiMH battery provides operating range from 1.5 hours (primary) to 2.5 hours (back-up) and 4 hours (low).
- NiMH battery-pack completely recharges in 3 to 3.5 hours.
- Rugged ABS body with nylon lens.
- X44 lays flat or stands upright and the head pivots almost 180°.
- Dual mode operation: constant on and emergency strobe.
- LED indicates when power button is on even when batteries are low.
- Quick release, one hand removal from the charger base is ideal for grab 'n' go situations.
- Quick connect charger base mounts anywhere - on a wall or in a vehicle - and it includes drilling mounts.
- Quick disconnect heavy-duty strap fits comfortably on your shoulder.
- Includes 12V plug-in adapter for direct wiring for in-vehicle charging and/or installation.
- Optional 12V mobile adapter (Cat. No. 56016) keeps the X44 ready to perform.
- Replacement Xenon bulb available (Cat. No. 56017).



X44



Cat. No.	Batteries Included	Overall Length	Weight (lbs.)†
X44	6 D NiMH	9.5" (24.1 cm)	3.8

†Weight includes batteries.

**WARNING:** 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.



## Lighting System

### Klein-Bright™ Remote Area Lighting System (RALS)

- 16 bright, powerful 1-Watt Luxeon™ LEDs mounted in an aluminum heat sink.
- On the high setting, 1,280-lumen tested light-output produces near-daylight brightness on a work site, (100-lumen tested light-output on low setting).
- 9 hours of life at maximum output tailing off to low light level at hour 17.
- Light diffuser can be mounted to change the beam from a focused spot to a diffused beam.
- Retractable aluminum pole extends to a height of 83", assembles in minutes and stores inside the case.
- 12-volt rechargeable sealed lead acid (IATA approved) battery (6-hour recharge time).
- Auxiliary socket provides power to any 12-volt device.
- Waterproof, crushproof, and dust-proof polypropylene co-polymer case is resistant to chemicals, water and corrosion.
- Retractable extension handle.
- Strong polyurethane wheels with stainless steel bearings.
- Easy open double throw latches and comfortable rubber over-molded top and side handles.
- O-ring seal and automatic pressure equalization valve.
- Stainless steel hardware and padlock protectors.

Cat. No.	Batteries Included	Dimensions	Weight (lbs.)†
X79	1 Sealed Lead Acid	Case: 22" L x 13.8" W x 9" D (56 cm H x 35 cm W x 23 cm D) Light extends: 83" (211 cm) H	54



X79

## Flashlight Accessories

### Cordura® Ballistic Nylon Flashlight Holders

- Cordura® ballistic nylon for exceptional resistance to abrasions, punctures and tears.
- Metal belt clip attaches to belts up to 2" wide.
- Secure snap closure.



1103



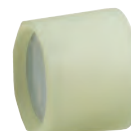
1106

Cat. No.	Applicable Model	Dimensions H x W x D	Weight (oz.)
1103	X9	6" x 3" x 1.63" (15.2 cm x 7.62 cm x 4.13 cm)	2.6
1106	X35	9" x 2.75" x 1.88" (22.9 cm x 6.99 cm x 4.78 cm)	3.4

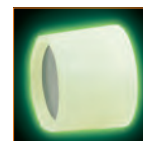
Recoil™ and Recoil LED Technology™ are trademarks of Pelican Products, Inc.  
Luxeon™ is trademark of the Philips Lumileds™ Lighting Company.  
XENOY® is a registered trademark of the General Electric Company.  
XYLEX™ is a trademark of the General Electric Company.  
Cordura® is a registered trademark of INVISTA for durable fabrics.

### E-Z-See™ Photo Luminescent Shrouds

- Designed for use with X19, X21 (1100) and X35 (1101) Klein® Flashlights.
- New generation photo-luminescent material in the plastic absorbs the energy from any light source - fluorescent lights, the sun, or even the flashlight's own beam.
- Lens ring emits a bright glow in the dark.
- No more fumbling in the dark for your flashlight.



1100



Cat. No.	Applicable Model	Length	Weight (oz.)
1100	X19 & X21	1.625" (4.13 cm) H	1.0
1101	X35	1.9375" (4.92 cm) H	1.0

### Helmet Flashlight Mounting Kit

- Fits a wide variety of helmets.
- Straight-bar, 30°-bar, and 55°-bar assembly.
- Helmet Light Holder fits these Klein® Flashlights:
  - LED Pocket Flashlight (X9)
  - Recoil™ LED Grip-It™ Flashlight (X19)



60001

Cat. No.	Applicable Model	Weight (oz.)
60001	X9 & X19	1.0

†Weight includes batteries.

**⚠WARNING:** 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.



# Hand Cleaners

Klein hand cleaners quickly and effectively remove the toughest grease, dirt, and grime. Containing the toughest cleansers available, Klein hand cleaners also help to prevent hands from becoming too dry and chapped by including skin care agents.

For Professionals... Since 1857®



Hand Cleaners





# Hand Cleaners

## Klein Hand Cleaners

- Contain premium grade cleansing ingredients.
- Natural formulations are free of petroleum solvents and contain an antimicrobial agent.
- Efficiently and effectively remove inks, oil, paint, silicone sealants and many other hard to remove soils.
- Use with or without water.
- Comply with USA VOC regulations.



Cat. No.	Description	Scent	Skin Conditioners	Container Size	Weight (lbs.)
51431	Heavy-Duty Pumice Hand Cleaner	citrus	6	15 fl. oz. squeeze bottle (433.5 ml)	1.25
51432	Orange Pumice Hand Cleaner	orange	5	15 fl. oz. squeeze bottle (433.5 ml)	1.25
51433	Orange Smooth Hand Cleaner	orange	5	15 fl. oz. squeeze bottle (433.5 ml)	1.25
51434	Orange Pumice Hand Cleaner	orange	5	1 gallon bottle with dispenser pump (3.8 liters.)	9.25

## Klein Kleaners® 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.	Container Size	Towel Size	Weight (lbs.)
51425	72-count bucket	10-1/2" x 12-1/4" (267 mm x 311 mm)	2.45



51425

All dimensions are in inches and (millimeters).

For additional information, read the Material Safety Data Sheet for these products located at [www.kleintools.com](http://www.kleintools.com).

**CAUTION:** For external use only. Do not allow contact with eyes. For additional information, read the Material Safety Data Sheet for this product or visit our website at [www.kleintools.com](http://www.kleintools.com). HMIS Rating: Health-1, Flammability-1, Reactivity-0, and Personal Protection-None.

# Tool Sets

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.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Tool Sets



# Tool Sets

## 41-Piece Journeyman™ Tool Set

**JOURNEYMAN**



Cat. No.	Set Contains	Weight (lbs.)
80141		29.8

Cat. No.	Description
BLK12	12-piece ball-end hex-key caddy set – inch
J203-6	Journeyman™ standard long-nose pliers
J203-8N	Journeyman™ heavy-duty long-nose pliers – side-cutting & stripping
J502-10	10" Journeyman™ pump pliers with 1-3/4" (44 mm) jaw capacity
D507-8	8" adjustable wrench – extra capacity
D507-12	12" adjustable wrench – extra capacity
600-1	1/4" keystone-tip cushion-grip screwdriver – 1-1/2" (40 mm) round-shank
600-4	1/4" keystone-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty square-shank
601-3	3/16" cabinet-tip cushion-grip screwdriver – 3" (76 mm) round-shank
601-6	3/16" cabinet-tip cushion-grip screwdriver – 6" (152 mm) round-shank
602-6	5/16" keystone-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
603-1	No. 2 Phillips cushion-grip screwdriver – 1-1/2" (40 mm) round-shank
603-3	No. 1 Phillips cushion-grip screwdriver – 3" (76 mm) round-shank
603-4B	wire bending No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank

Cat. No.	Description
605-6	1/4" cabinet-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
631	7-piece cushion-grip nut driver set (3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2")
650	cushion-grip scratch awl
662	No. 2 square-recess tip cushion-grip screwdriver – 4" (102 mm) round-shank
670-6	3/16" cabinet-tip cushion-grip screwdriver – Rapi-Driv®
916-25RE	25' x 1" power-return rule – magnetic tip
931-9RE	torpedo level - magnetic
J1005	Journeyman™ crimping/cutting tool – non-insulated and insulated connectors
K1412	Klein-Kurve® dual NM cable stripper/cutter
J2000-9NETP	Journeyman™ high-leverage side-cutting pliers – fish tape pulling
J2000-48	Journeyman™ high-leverage diagonal-cutting pliers – angled head
5003-18	18" 10-pocket canvas tool bag with leather bottom
5139	canvas zipper bag
11055	Klein-Kurve® wire stripper/cutter – 10-18 AWG solid & 12-20 AWG stranded
44107	Klein-Kurve® heavy-duty utility knife – quick change retractable blade
46037	cable-splicer's kit
56003	Depthfinder™ Fish Tape - 125' L x 1/8" W
58889	padded adjustable shoulder strap
60053	standard protective eyewear
J63050	Journeyman™ high-leverage cable cutter
85191	conduit-fitting and reaming screwdriver

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** The tool belt provided in this kit is NOT an occupational protective belt.

**⚠WARNING:** NOT insulated. Do NOT use these tools on or near live electrical circuits.

**⚠WARNING:** Do NOT use screwdrivers to pry or chisel.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.



## 28-Piece Electrician Tool Set



80028

Cat. No.	Set Contains	Weight (lbs.)
80028		17.2

Cat. No.	Description
D203-8	heavy-duty long-nose pliers – side-cutting
D213-9NETP	high-leverage side-cutting pliers – fish tape pulling
D248-8	high-leverage diagonal-cutting pliers – angled head
D502-10	10" pump pliers with 1-3/4" (44 mm) jaw capacity
506-10	10" adjustable wrench – standard capacity
600-4	1/4" keystone-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty square-shank
601-6	3/16" cabinet-tip cushion-grip screwdriver – 6" (152 mm) round-shank
602-6	5/16" keystone-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
603-4B	wire bending No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank
605-6	1/4" cabinet-tip screwdriver – 6" (152 mm) heavy-duty round-shank
631	7-piece cushion-grip nut driver set (3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2")
662	No. 2 square-recess tip cushion-grip screwdriver – 4" (102 mm) round-shank
670-6	3/16" cabinet-tip cushion-grip screwdriver – Rapi-Drive®

Cat. No.	Description
908-25	25' x 1" power-return rule – double-sided
930-9	magnetic torpedo level
1005	crimping/cutting tool – non-insulated and insulated connectors
5102-16	16" canvas tool bag
5139	canvas zipper bag
11045	wire stripper/cutter – 10-18 AWG solid wire
44100	utility knife – retractable blade
60056	frameless protective eyewear
85191	conduit-fitting and reaming screwdriver

All dimensions are in inches and (millimeters) unless otherwise specified.

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**⚠WARNING:** NOT insulated. Do NOT use these tools on or near live electrical circuits.

**⚠WARNING:** Do NOT use screwdrivers to pry or chisel.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.





# Tool Sets

## 18-Piece Journeyman™ Tool Set

**JOURNEYMAN**



80118

Cat. No.	Set Contains	Weight (lbs.)
80118		11.6

Cat. No.	Description
J203-8N	Journeyman™ heavy-duty long-nose pliers – side-cutting & stripping
J502-10	10" Journeyman™ pump pliers with 1-3/4" (44 mm) jaw capacity
D507-10	10" adjustable wrench – extra capacity
603-3	No. 1 Phillips cushion-grip screwdriver – 3" (76 mm) round-shank
603-4B	wire bending No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank
605-4	1/4" cabinet-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty round-shank
605-6	1/4" cabinet-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
630-1/4	1/4" cushion-grip nut driver – 3" (76 mm) shank
630-5/16	5/16" cushion-grip nut driver – 3" (76 mm) shank
662	No. 2 square-recess tip cushion-grip screwdriver – 4" (102 mm) round-shank

Cat. No.	Description
670-6	3/16" cabinet-tip cushion-grip screwdriver – Rapi-Drive®
916-25RE	25' x 1" power-return rule – magnetic tip
J2000-9NETP	Journeyman™ high-leverage side-cutting pliers – fish tape pulling
J2000-48	Journeyman™ high-leverage diagonal-cutting pliers – angled head
5165	10-pocket leather tool pouch
5705	Powerline™ web work belt
11055	Klein-Kurve® wire stripper/cutter – 10-18 AWG solid & 12-20 AWG stranded
60053	standard protective eyewear

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** The tool belt provided in this kit is NOT an occupational protective belt.

**⚠WARNING:** NOT insulated. Do NOT use these tools on or near live electrical circuits.

**⚠WARNING:** Do NOT use screwdrivers to pry or chisel.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.



## 14-Piece Electrician Tool Set

Cat. No.	Set Contains	Weight (lbs.)
80014		9.6

Cat. No.	Description
D203-8	heavy-duty long-nose pliers – side-cutting
D213-9NETP	high-leverage side-cutting pliers – fish tape pulling
D248-8	high-leverage diagonal-cutting pliers – angled head
D502-10	10" pump pliers with 1-3/4" (44 mm) jaw capacity
603-3	No. 1 Phillips cushion-grip screwdriver – 3" (76 mm) round-shank
603-4B	wire bending No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank
605-4	1/4" cabinet-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty round-shank
605-6	1/4" cabinet-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
670-6	3/16" cabinet-tip cushion-grip screwdriver – Rapi-Drive®
908-25	25' x 1" power-return rule – double-sided
5164	8-pocket leather tool pouch
5225	adjustable web tool belt
11045	wire stripper/cutter – 10-18 AWG solid wire
60056	frameless protective eyewear



80014

## 12-Piece Electrician Tool Set

Cat. No.	Set Contains	Weight (lbs.)
5300		6.82

Cat. No.	Description
5166	7-pocket leather tool pouch
5225	adjustable web belt
603-3	No. 1 Phillips cushion-grip screwdriver – 3" (76 mm) round-shank
603-4	No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank
605-4	1/4" cabinet-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty round-shank
605-6	1/4" cabinet-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
11045	wire stripper/cutter – 10-18 AWG solid wire
D248-8	high-leverage diagonal-cutting pliers – angled head
D203-8	heavy-duty long-nose pliers – side-cutting
D213-9NETP	high-leverage side-cutting pliers – fish tape pulling
D502-10	pump pliers with 1-3/4" (44 mm) jaw capacity
928-25HV	high-visibility power-return measuring tape



5300

All dimensions are in inches and (millimeters) unless otherwise specified.

**⚠WARNING:** The tool belt provided in this kit is NOT an occupational protective belt.

**⚠WARNING:** NOT insulated. Do NOT use these tools on or near live electrical circuits.

**⚠WARNING:** Do NOT use screwdrivers to pry or chisel.

**⚠WARNING:** Always wear approved eye protection.

**⚠WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.



# Tool Sets

## 12-Piece Electrician Tool Set



92003

Cat. No.	Set Contains	Weight (lbs.)
92003		17
Cat. No.	Description	
D213-9NETP	9" high-leverage side-cutting pliers – fish tape pulling	
D248-8	8" high-leverage diagonal-cutting pliers	
D203-8	8" heavy duty long-nose pliers – side-cutting	
D502-10	10" pump pliers	
11045	wire stripper/cutter	
916-7.5ME-RE	metric/english power - return rule – magnetic tip	
603-4	No. 2 profilated Phillips tip scwedriver – 4" round shank	
605-4	1/4" cabinet tip cushion-grip screwdriver – 4" heavy duty round shank	
661	No.1 square-recess tip screwdriver – 4" round shank	
662	No. 2 square-recess tip cushion-grip screwdriver – 4" (102 mm) round-shank	
5719	19 Pocket Tool Pouch	
5705	Powerline™ web work belt	

All dimensions are in inches and (millimeters) unless otherwise specified.

**▲WARNING:** The tool belt provided in this kit is NOT an occupational protective belt.

**▲WARNING:** NOT insulated. Do NOT use these tools on or near live electrical circuits.

**▲WARNING:** Do NOT use screwdrivers to pry or chisel.

**▲WARNING:** Always wear approved eye protection.

**▲WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

**JOURNEYMAN**

## **Aviation SNIPS**

*Aviation, Offset & Right Angle*



*For Professionals... Since 1857®*

**KLEIN  
TOOLS®**





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## Warranty

Klein products in this catalog, manufactured and sold for commercial or industrial uses, are warranted to be free from defects in materials and workmanship for the normal life of the product, with the exception of: I. Electronic Test & Measurement products; and II. Ratcheting Cable Cutters, Models 63060, 63700, 63750, and 63800ACSR which are warranted for one year from the date of purchase. The following consumable products are warranted to be free from defects in materials and workmanship when delivered to the customer: Triple-Taps, Drill Bits, Step Drills, Carbide Hole Cutters, Hole Saws and Arbors; Saw Blades and Jab Saws; disposable Razor and Knife Blades; Stripper Cartridges, Replaceable Cutting Inserts, Bits and Blades; Klein Chemicals, Hand Cleaners and Wire Pulling Lubricant. **THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS.** At its option Klein will repair or replace, or refund the purchase price of, any product which fails to conform to this warranty under normal use and service. **In no event shall Klein be liable for incidental or consequential damage.**

If your Klein product requires repair or for information on how to exercise your rights under the terms of this warranty, please contact Klein Tools at 1-800-553-4676.

## Electronic Test & Measurement Warranty

Klein electronic test and measurement devices (and accessories), manufactured and sold for commercial or industrial uses, are warranted to be free from defects in materials and workmanship for two years from the date of purchase (unless otherwise noted on the product packaging). **THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS.** At its option, Klein will repair or replace, or refund the purchase price of, any product which fails to conform to this warranty under normal use and service. **In no event shall Klein be liable for incidental or consequential damage.** This warranty does not apply to batteries.

## 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.





# KLEIN TOOLS®



## TOOL CATALOG 154

For over 150 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.

Klein Tools was founded in 1857 by Mathias Klein, a skilled toolmaker who built a reputation for manufacturing the highest quality tools. To this day, the Klein Tools family and employees proudly continue the pursuit of perfection—quality, precision, comfort and ultimate performance that professionals demand of their tools.



Klein Tools Headquarters  
Lincolnshire • IL

**Committed to  
American  
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