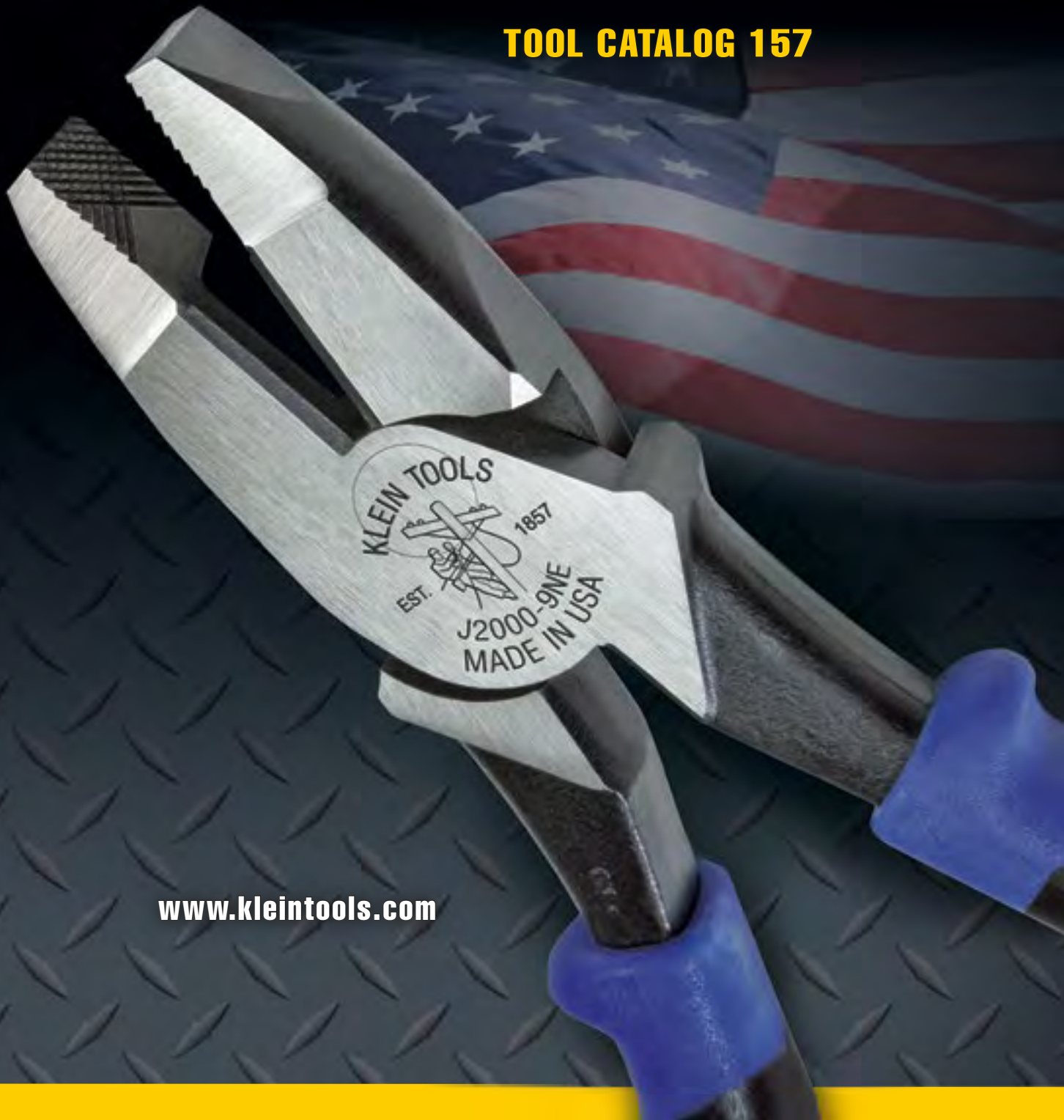


KLEIN[®] TOOLS



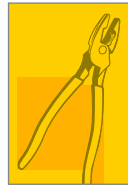
For Professionals... Since 1857[®]

TOOL CATALOG 157



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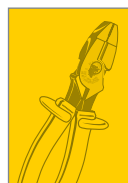
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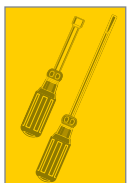
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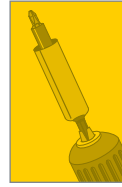
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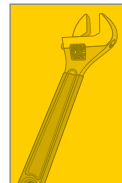
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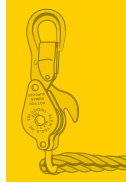
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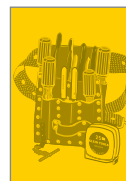
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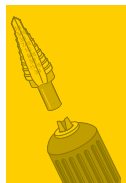


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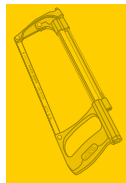
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Company History

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 Professional Difference

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

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

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

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

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

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



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

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.

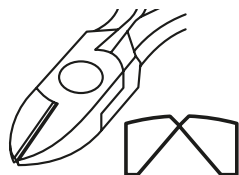
"C" (Suffix) – Indicates the pliers have a coil spring in the handles for self-opening action.

Pliers Cutting Edges

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

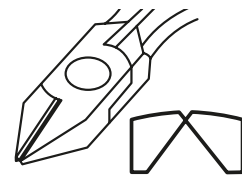
Standard Cutting Edges

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



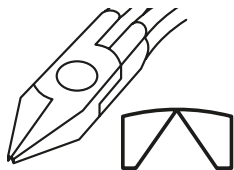
Semi-Flush Cutting Edges

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.



Introduction – Pliers

Pliers Dimensions

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

A – Overall Length

D – Jaw Thickness

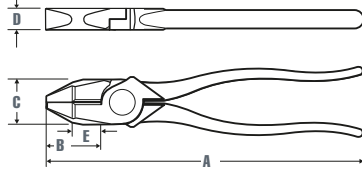
B – Jaw Length

E – Knife Length

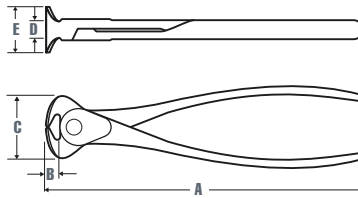
C – Jaw Width

F – Point Thickness

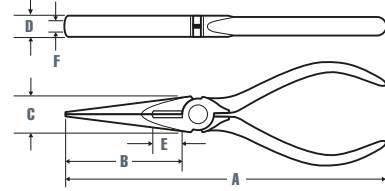
1. Side-Cutting Pliers



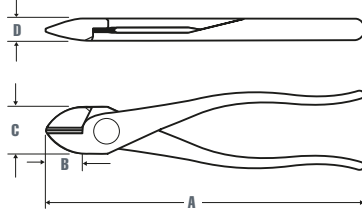
3. End-Cutting Pliers



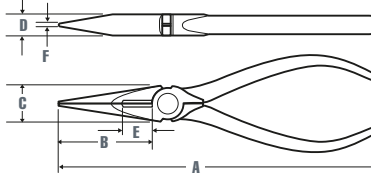
5. Flat-Nose and Duck-Bill Pliers



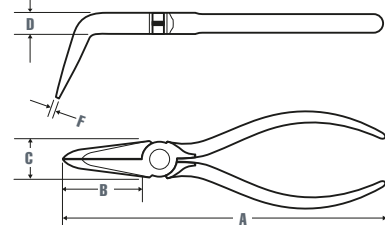
2. Diagonal-Cutting Pliers



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.

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

Plastic-dipped handles[†] for comfort and ease of identification.

Unique handle tempering helps absorb the “snap” when cutting wire.

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

Induction hardened cutting knives for long life.

Sure-gripping cross-hatched knurled jaws.



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 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 |
| 213-9NE | 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.



Side-Cutting Pliers

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 |
| Journeyman™ Series – Dual-material handles | | | | | | | | | |
| 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 |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | | | |
| 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 |
| Journeyman™ 2000 Series* – Dual-material handles | | | | | | | | | |
| 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 | 1.12 |
| 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 | 1.18 |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | | | |
| 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 |
| Journeyman™ Series – Dual-material handles | | | | | | | | | |
| 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 |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | | | |
| 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 |
| Journeyman™ 2000 Series* – Dual-material handles | | | | | | | | | |
| 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.) |
|---------------------------|-------------|-------------------|------------------|-----------------|---------------|----------------|----------------|--------------|---------------|
| Streamlined Design | | | | | | | | | |
| 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 |
| Square Nose | | | | | | | | | |
| 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 |

High-Leverage Universal Combination Pliers

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 |
| Journeyman™ Series – Dual-material handles | | | | | | | | | |
| 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.

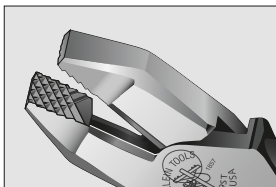
Ironworker's Work Pliers – High-Leverage

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 |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | | | |
| 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.



Side-Cutting Pliers

Ironworker's Work Pliers

Additional Features:

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



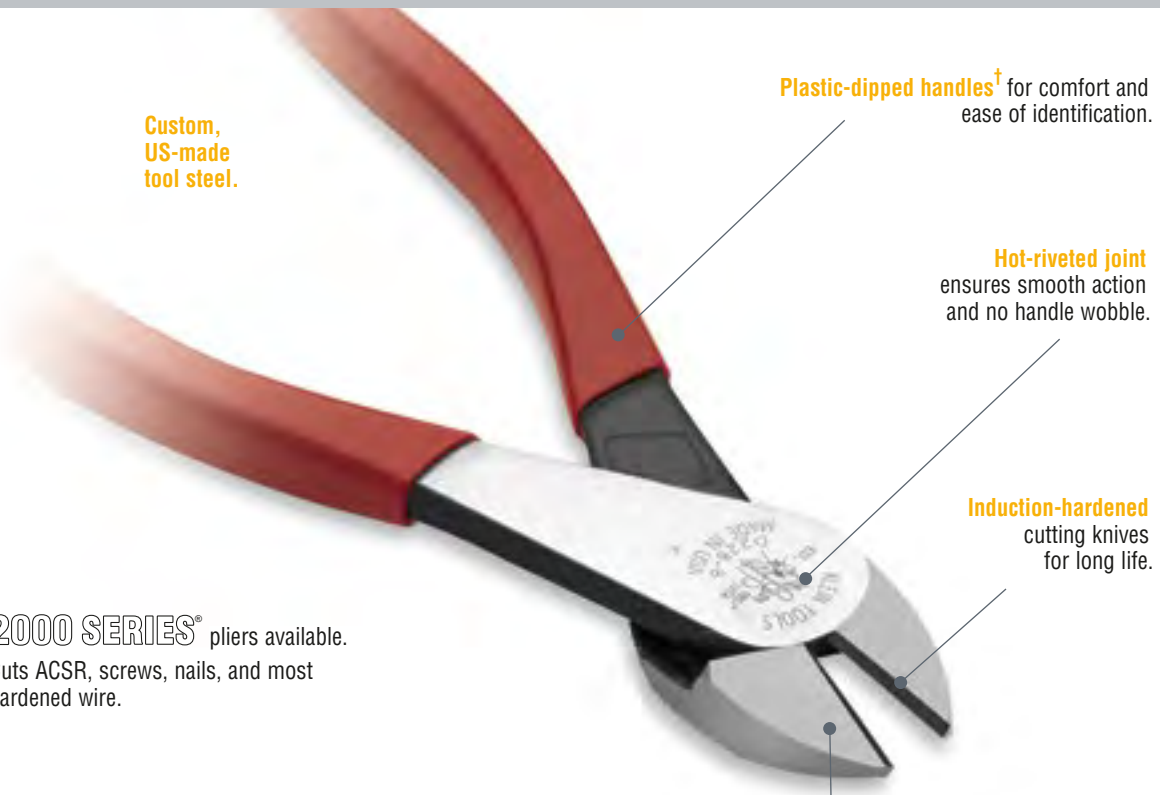
D201-7CST

| 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 | .65 |
| 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 | .75 |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | | | |
| 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 | .70 |

*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[†] 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[®] pliers available. Cuts ACSR, screws, nails, and most hardened wire.



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



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.

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 |
| Journeyman™ Series – Dual-material handles | | | | | | | | |
| 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 |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | | |
| 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 |
| Journeyman™ 2000 Series* – Dual-material handles | | | | | | | | |
| 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 |
| Journeyman Series – Dual-material handles | | | | | | | | |
| 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 |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | | |
| 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 |
| Journeyman 2000 Series* – Dual-material handles | | | | | | | | |
| 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 Burrel 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 solid AWG wire.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



SOLID
12 – 14 AWG

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 – Ironworker’s

Additional Features:

- Angled head design for easy working in confined spaces.
- Hooked handle for improved grip.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other 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 |
|----------|-----------------|----------------|--------------|---------------|----------|----------------|-----|-----|

Standard Diagonal-Cutting Pliers – Tapered Nose

Additional Feature:

- Easy working in confined areas.
- Spring-loaded action for self-opening (Cat. No. D202-6C).



D202-6

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Handle Finish | Handle Color | Weight (lbs.) |
|----------|-----------------|----------------|----------------|---------------|----------------|----------------|--------------|---------------|
| 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 |

Standard Diagonal-Cutting Pliers – Tapered Nose

Additional Feature:

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



D245-5

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Handle Finish | Handle Color | Weight (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 |

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

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.) |
|----------|-----------------|----------------|----------------|---------------|----------------|----------------|--------------|---------------|
| D210-6C | 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) solid wire.
- Tapered nose for easy working in confined areas.

SOLID
16 AWG



D240-6

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Handle Finish | Handle Color | Weight (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 Pliers – 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 |

Midget Standard Diagonal-Cutting Pliers

Additional Feature:

- Tapered nose for easy working in confined areas and close tip cutting.
- Spring-loaded action for self-opening (Cat. No. D257-4C).



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 |

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 – 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 Pliers – 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 |

Midget Diagonal-Cutting Pliers – Nickel Ribbon Wire Cutters

Additional Features:

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



D230-4C

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Handle Finish | Handle Color | Weight (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 |

All dimensions are in inches and (millimeters).

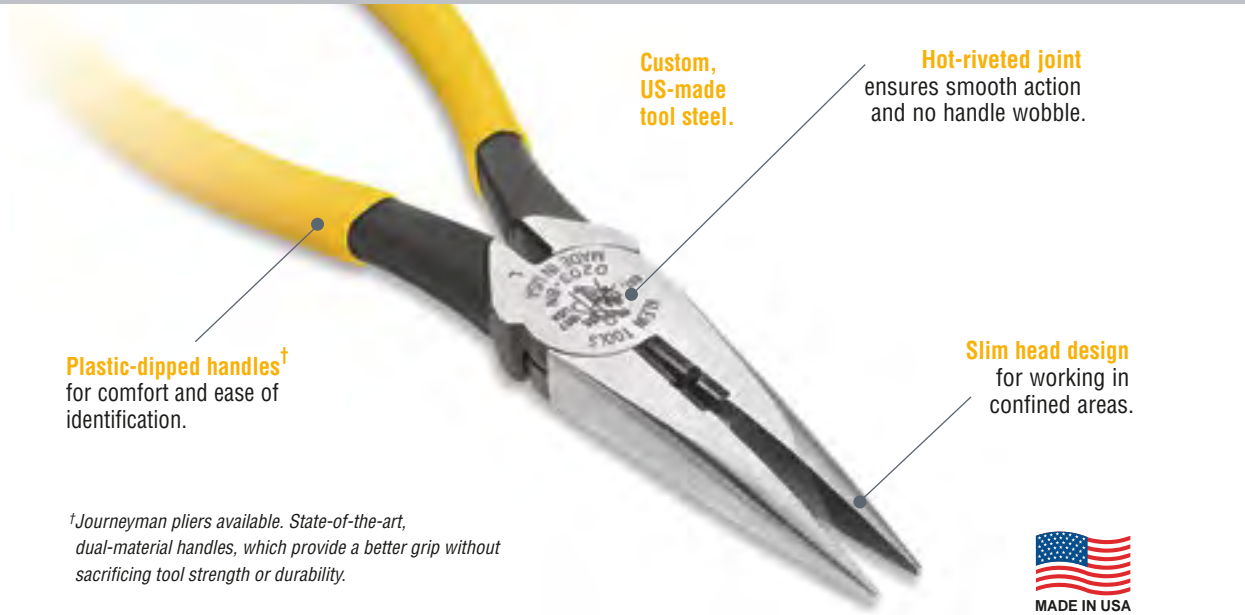
▲WARNING: Always wear approved eye protection.

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



Long-Nose Pliers

Features:



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



Pliers

All-Purpose Pliers

JOURNEYMAN™

NEW!

Additional Features:

- Strips 8-16 AWG Solid and 10-18 AWG Stranded wire.
- Induction-hardened cutting knives for increased wire cutting performance, including hard wire.
- Long nose for grabbing and looping wire.
- 6-32 and 8-32 screw shearing.
- Dual material Journeyman™ handles provide better grip.



| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Point Thickness | Handle Finish | Handle Color | Weight (lbs.) |
|----------|-----------------|-----------------|------------|---------------|--------------|-----------------|---------------|--------------|---------------|
| J206-8C | 8-5/8" (214 mm) | 2-3/16" (59 mm) | 1" (25 mm) | 1/2" (13 mm) | 1/2" (13 mm) | 1/8" (3 mm) | Journeyman | yellow/gray | .60 |

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.



| 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 |

Journeyman™ Series – Dual-material handles

| | | | | | | | | | |
|--------|------------------|-----------------|------------|--------------|--------------|-------------|------------|--------------|-----|
| 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 |
|--------|------------------|-----------------|------------|--------------|--------------|-------------|------------|--------------|-----|

Wire Stripping – Cleanly strips 12 AWG wire

| | | | | | | | | | |
|---------|------------------|-----------------|------------|--------------|--------------|-------------|----------------|--------|-----|
| 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 |
|---------|------------------|-----------------|------------|--------------|--------------|-------------|----------------|--------|-----|

Journeyman™ Series – Dual-material handles

| | | | | | | | | | |
|---------|------------------|-----------------|------------|--------------|--------------|-------------|------------|--------------|-----|
| 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 |
|---------|------------------|-----------------|------------|--------------|--------------|-------------|------------|--------------|-----|

Wire Stripping & Crimping – Cleanly strips 12 AWG wire; crimps connectors, lugs & terminals

| | | | | | | | | | |
|-----------|------------------|-----------------|------------|--------------|--------------|-------------|----------------|--------|-----|
| 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.

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 – Side-Cutting

Additional Features:

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



D203-6C

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Point Thickness | Handle Finish | Handle Color | Weight (lbs.) |
|---|------------------|-----------------|----------------|---------------|--------------|-----------------|----------------|--------------|---------------|
| 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) | 3/32" (2 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) | 3/32" (2 mm) | plastic-dipped | yellow | .29 |
| Journeyman™ Series – Dual-material handles | | | | | | | | | |
| 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 |
| Switchboard Work – Cleanly strips 19 & 22 AWG wire | | | | | | | | | |
| 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 |

Refer to the insulated section for insulated pliers.

Standard Long-Nose Pliers

Additional Features:

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



D301-6

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Point Thickness | Handle Finish | Handle Color | Weight (lbs.) |
|----------|-----------------|----------------|----------------|---------------|-----------------|----------------|--------------|---------------|
| 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) | 3/32" (2 mm) | plastic-dipped | yellow | .28 |

Long-Reach Long-Nose Pliers

Additional Features:

- Long handles and nose allow greater access to confined, hard-to-reach areas.
- Long-reach design provides greater holding power at the tip with minimal effort.
- Mating surfaces and dimensions are precision machined for faultless tool performance.
- Pliers are hot riveted for uniformly smooth opening and closing action.
- Knurled jaws for precise gripping and sure wrapping and looping of wire.
- Custom US tool steel is forged, precision machined, hardened and tempered for maximum strength, exceptional performance, and long life.
- Plastic-dipped yellow handles are comfortable and easy to identify.
- Pliers are individually adjusted to meet performance standards far exceeding application requirements.
- 45° bent style reaches around obstructions (Cat. No. D362-11).



D360-11



D362-11

| Cat. No. | Nose Angle | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Point Thickness | Handle Finish | Handle Color | Weight (lbs.) |
|----------|------------|--------------------|-----------------|----------------|----------------|-----------------|----------------|--------------|---------------|
| D360-11 | straight | 11-1/16" (281 mm) | 2-7/16" (62 mm) | 23/32" (18 mm) | 13/32" (10 mm) | 1/8" (3 mm) | plastic-dipped | yellow | .62 |
| D362-11 | 45° | 10-11/16" (271 mm) | 2-3/32" (53 mm) | 23/32" (18 mm) | 13/32" (10 mm) | 1/8" (3 mm) | plastic-dipped | yellow | .62 |

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

Slim Long-Nose Pliers

Additional Features:

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



D307-5 1/2C

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Point Thickness | Handle Finish | Handle Color | Weight (lbs.) |
|--|-----------------|------------------|--------------|---------------|-----------------|----------------|--------------|---------------|
| Knurled Jaws – Sure-wrapping and looping | | | | | | | | |
| D307-5 1/2C | 5-5/8" (143 mm) | 1-11/16" (43 mm) | 1/2" (13 mm) | 5/16" (8 mm) | 1/32" (.8 mm) | plastic-dipped | yellow | .15 |
| Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire | | | | | | | | |
| D327-5 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 | .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.
- Spring-loaded action for self-opening.



D322-4 1/2C

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Point Thickness | Handle Finish | Handle Color | Weight (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 |
| Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire | | | | | | | | |
| 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 |

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.



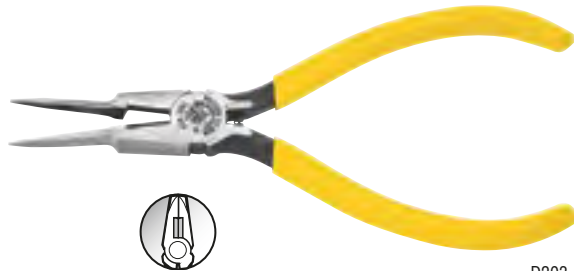
D317-5C

| 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.



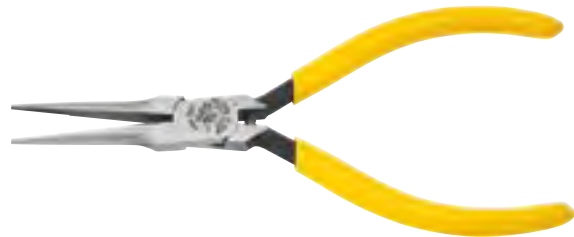
D203-6SCPC

| 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

| | | | | | | | | |
|-------------|-----------------|------------------|--------------|--------------|----------------|----------------|-----------|-----|
| 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

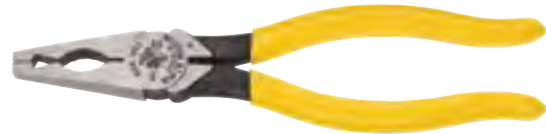
| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Point Thickness | Handle Finish | Handle Color | Weight (lbs.) |
|-------------|-----------------|------------|----------------|---------------|-----------------|----------------|--------------|---------------|
| D320-4 1/2C | 4-3/4" (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

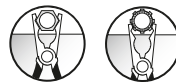
Conduit Locknut and Reaming Pliers

Additional Features:

- Tightens 1/2" and 3/4" EMT or 1/2" rigid locknuts.
- Fits liquid tight fittings and caps.
- Reams and smoothes 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 |

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.

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.

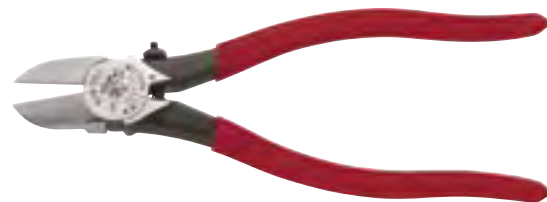


D232-8

| 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 |

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

Klaw™ Pump Pliers

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



D504-10



Quick-Adjust Pump Pliers:

Push button and quick ratchet feature allows for fast and easy adjustment to any position. (Cat. Nos. D504-10B, D504-12B).

| Cat. No. | Overall Length | Max. Jaw Capacity | Handle Finish | Handle Color | Weight |
|---------------------------------------|------------------|-------------------|----------------|--------------|---------------------|
| Quick-Adjust Klaw™ Pump Pliers | | | | | |
| D504-10B | 10-1/8" (257 mm) | 2-1/8" (54 mm) | plastic-dipped | yellow | 0.79 lbs. (0.36 kg) |
| D504-12B | 12-1/2" (318 mm) | 2-3/4" (70 mm) | plastic-dipped | yellow | 1.2 lbs. (0.54 kg) |
| Classic Klaw™ Pump Pliers | | | | | |
| D504-7 | 7-3/8" (187 mm) | 1-3/8" (35 mm) | plastic-dipped | yellow | 0.34 lbs. (0.15 kg) |
| D504-10 | 9-7/8" (250 mm) | 2-1/8" (54 mm) | plastic-dipped | yellow | 0.81 lbs. (0.37 kg) |
| D504-12 | 12" (305 mm) | 2-3/4" (70 mm) | plastic-dipped | yellow | 1.4 lbs. (0.64 kg) |

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 | | | | | |
| 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.

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 |

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 Handles

Replacement Klein-Koat® Pliers Handles

- Plastic material 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).

▲WARNING: Always wear approved eye protection.

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

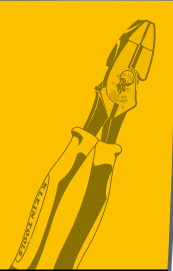
Journeyman™ Series

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

For Professionals... Since 1857®



Journeyman™ Series



Side-Cutting Pliers

Features:

JOURNEYMAN

State-of-the-art dual material molding process

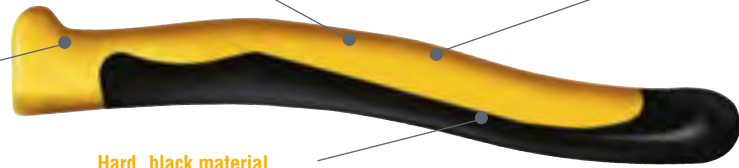


Color-coded yellow, dark blue, red, or light blue handles allow quick identification of tool.

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

Contoured thumb area for additional comfort and positive feel.

Hard, black material for toughness and durability.



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.
- 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 | .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 |

2000 Series* – Heavy-duty cutting knives

| | | | | | | | | | |
|-----------|-------------|-----------------|------------------|----------------|--------------|----------------|------------|------------------|------|
| 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

Additional Features:

- Easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other 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 |

2000 Series* – Heavy-duty cutting knives

| | | | | | | | | | |
|-------------|-------------|-----------------|------------------|----------------|--------------|----------------|------------|------------------|------|
| 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 – Connector Crimping

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 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 |

2000 Series* – Heavy-duty cutting knives

| | | | | | | | | | |
|--------------|-------------|-----------------|------------------|----------------|--------------|----------------|------------|------------------|------|
| 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.

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

JOURNEYMAN

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

Additional Features:

- Built-in crimper works on non-insulated connectors, lugs, and terminals.
- Built-in channel pulls steel fish tape without damaging the tape.
- 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.

High-Leverage Universal Combination Pliers

Additional Features:

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



J12098

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Handle Finish | Handle Color | Weight (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 |

8" High-Leverage Side-Cutting Pliers

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

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 |

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

JOURNEYMAN

High-Leverage Diagonal-Cutting Pliers

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs.
- Short jaws and beveled cutting edges permit close cutting of wire.
- 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 |

2000 Series* – Heavy-duty cutting knives

| | | | | | | | | |
|----------|-----------------|----------------|-----------------|---------------|----------|------------|------------------|-----|
| 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.

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.



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 |

2000 Series* – Heavy-duty cutting knives

| | | | | | | | | |
|----------|-----------------|----------------|-----------------|---------------|----------|------------|------------------|-----|
| 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

All-Purpose Pliers

Additional Features:

- Strips 8-16 AWG Solid and 10-18 AWG Stranded wire.
- Induction-hardened cutting knives for increased wire cutting performance, including hard wire.
- Long nose for grabbing and looping wire.
- 6-32 and 8-32 screw shearing
- Dual material Journeyman™ handles provide better grip.



J206-8C



| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Point Thickness | Handle Finish | Handle Color | Weight (lbs.) |
|----------|-----------------|-----------------|------------|---------------|--------------|-----------------|---------------|--------------|---------------|
| D206-8C | 8-5/8" (214 mm) | 2-3/16" (59 mm) | 1" (25 mm) | 1/2" (13 mm) | 1/2" (13 mm) | 1/8" (3 mm) | Journeyman | yellow/gray | .60 |

Heavy-Duty Long-Nose Pliers – Side-Cutting

Additional Features:

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



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 |

Wire Stripping – Cleanly strips 12 AWG wire

| | | | | | | | | | |
|---------|------------------|-----------------|------------|--------------|--------------|-------------|------------|--------------|-----|
| 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 |
|---------|------------------|-----------------|------------|--------------|--------------|-------------|------------|--------------|-----|

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



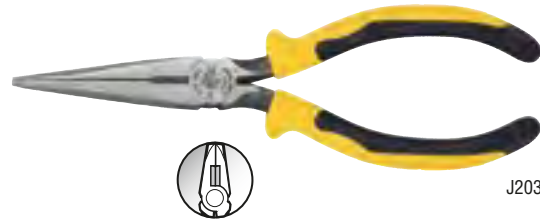
Long-Nose Pliers

JOURNEYMAN

Standard Long-Nose Pliers

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 |

Pump Pliers

Pump Pliers

Additional Features:

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

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

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

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

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

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.

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 ®



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Bell-System Pliers Selection Chart

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

| Bell-System Designation | 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.
- Serrated behind the hinge to crush insulation.



72192

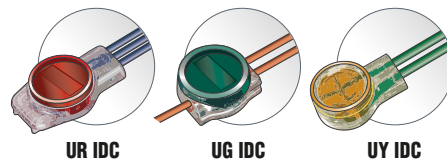
| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Handle Finish | Handle Color | Weight (lbs.) |
|----------|-----------------|----------------|--------------|---------------|----------------|----------------|--------------|---------------|
| 72192 | 6-1/8" (156 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 UR, UY, and UG connectors.
- Curved handles for greater control.
- Induction-hardened side-cutting knives for long life.



D234-6



UR IDC

UG IDC

UY 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.



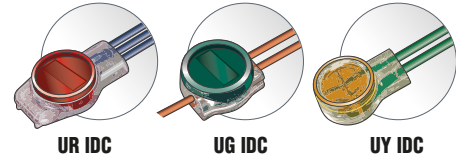
Telecom Tools

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



UR IDC

UG IDC

UY IDC

| Cat. No | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Point Thickness | Handle Finish | Handle Color | Weight (lbs.) |
|------------|----------------|------------|---------------|---------------|---------------|---------------------------------|----------------|--------------|---------------|
| VDV026-049 | 6.8" (173 mm) | 2" (51 mm) | 0.70" (18 mm) | 0.38" (10 mm) | 0.44" (11 mm) | 0.095 x 0.125 (2.0 mm x 3.0 mm) | plastic-dipped | yellow | .28 |

Scotchlok® is a registered trademark of 3M Corporation.

Long-Nose Telephone Work Pliers – Stripping

- Cleanly strips 22 (.34 mm²) to 24 (.25 mm²) 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 |
|----------|------------------------|-------------|-----------------|--------------------|
| 68005 | 3/8" and 7/16" hex nut | 7" (178 mm) | 1" (25 mm) | .35 lbs. (0.16 kg) |

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

Bell System Type Wrench



3146B

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

| Cat. No. | Description | Length | Weight |
|----------|---|--------------|---------------------|
| 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 lbs. (0.80 kg) |

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 |
|---|---|-----------------|---------------------|
| 5,000 lbs. (2,268 kg) Maximum Safe Load | | | |
| 1659-5AT ("B" Strand Puller) | .20" - .37" (5.08 mm - 9.40 mm) | 5" (127 mm) | 6.7 lbs. (3.03 kg) |
| 8,000 lbs. (3,629 kg) Maximum Safe Load | | | |
| 1684-5AT ("L" Strand Puller) | .218" - .550" (5.54 mm - 13.97 mm) | 5" (127 mm) | 6.9 lbs (3.13 kg) |
| 1692-5AT ("L" Strand Puller) | .218" - .550" (5.54 mm - 13.97 mm) | 5" (127 mm) | 6.6 lbs (3.00 kg) |
| 15,000 lbs. (6,803 kg) Maximum Safe Load | | | |
| 1628-16AT ("H" Strand Puller) | .31" - .62" (7.87 mm - 15.75 mm) | 7 1/4" (184 mm) | 15.8 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.



Serpentine Jaw

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.



Voice/Data/Video Tools, Testers & Connectors

Our comprehensive line of verification VDV products were created to **PREP**, **CONNECT** and **TEST** network, phone, CATV, home theater, satellite, and security cables for residential or commercial systems.

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
Testers & Connectors



Strippers

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.



VDV120-006

| Cat. No. | Color | Strips or Slits | Level(s) | Strip/Slit Dimensions | Prepared Cable | Overall Length | Weight |
|------------|--------|--|----------|---------------------------------------|----------------|----------------|------------------|
| VDV120-006 | yellow | unshielded twisted pair shielded twisted pair | 1 | strip length varies by application | | 4.4" (112 mm) | 1.3 oz. (36.9 g) |

Coax Combination Radial Stripper – 2-Level

- Two stripping cavities: one for standard size cable and one for utility size cables.
- Cuts five different series of RG cable including: RG6, RG6-QS, RG59, RG11 and RG7.
- 2-level stripping in one step – 5/16" and 1/4" (7.9 mm and 6.4 mm).
- Klein's exclusive sliding depth gauge pre-measures cable for fast, accurate and repeatable strips.
- Durable high-carbon steel cutting blades automatically adjust to different cable diameters.
- Finger loop facilitates easy, controlled rotation.
- Easy debris clean-out.
- Perfect for the data installer who works with utility cable as well standard cable.



VDV110-095

| Cat. No. | Color | Levels | Strip Dimensions | Prepared Cable | Overall Length | Weight (oz) |
|------------|-------------|--------|------------------------------------|----------------|----------------|------------------|
| VDV110-095 | yellow/gray | 2 | 5/16" and 1/4" (7.9 mm and 6.4 mm) | | 5.25" (133 mm) | 1.5 oz. (42.5 g) |

Coax Cable Radial Stripper – 2-Level

- 2-level stripping in one step – 5/16" and 1/4" (7.9 mm and 6.4 mm).
- Klein's exclusive sliding depth gauge pre-measures cable for fast, accurate and repeatable strips.
- Durable high-carbon steel cutting blades automatically adjust to different cable diameters.
- Finger loop facilitates easy, controlled rotation.



VDV110-061

| Cat. No. | Color | Levels | Strip Dimensions | Prepared Cable | Overall Length | Weight (oz) |
|------------|--------------|--------|------------------------------------|----------------|----------------|------------------|
| VDV110-061 | yellow/black | 2 | 5/16" and 1/4" (7.9 mm and 6.4 mm) | | 4.6" (116 mm) | 1.2 oz. (34.0 g) |

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.

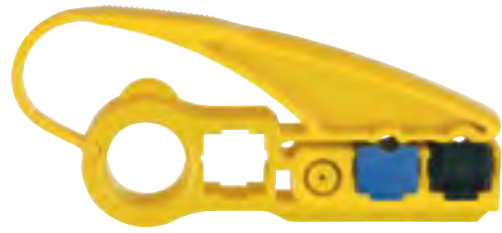
▲WARNING: Never use on or near live electrical circuits.



Radial Strippers and Cartridges

Radial Cartridge Strippers

- Designed for high-volume, multiple-type cable preparation environments.
- Includes storage cartridge-bay.
- One-piece construction ensures precise stripping and never requires adjustment.
- Large finger loop promotes rotation during use.
- 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.
- Replacement cartridges available.



VDV100-801



VDV110-802

| Cat. No. | Set Contains | Overall Length | Weight | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|---|----------------|---------------------------------|------------------------------------|----------------|------------------|----------------|------------|--------------------------------------|--------|---|------------------------------------|---|------------|-------------------------------|-------|---|------------------------------------|--|------------|-----------|------|---|----------|--|--|--|
| VDV100-801 | | 5.6" (143 mm) | 2.4 oz. (68.0 g) | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Cat. No.</th> <th>Description</th> <th>Color</th> <th>Level(s)</th> <th>Strip Dimensions</th> <th>Prepared Cable</th> </tr> </thead> <tbody> <tr> <td>VDV100-001</td> <td>dual cartridge radial stripper frame</td> <td>yellow</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>VDV110-003</td> <td>RG59/RG6/RG6-QS coaxial cable</td> <td>black</td> <td>2</td> <td>5/16" and 1/4" (7.9 mm and 6.4 mm)</td> <td></td> </tr> <tr> <td>VDV120-005</td> <td>UTP cable</td> <td>blue</td> <td>1</td> <td>variable</td> <td></td> </tr> </tbody> </table> | Cat. No. | Description | Color | Level(s) | Strip Dimensions | Prepared Cable | VDV100-001 | dual cartridge radial stripper frame | yellow | - | - | - | VDV110-003 | RG59/RG6/RG6-QS coaxial cable | black | 2 | 5/16" and 1/4" (7.9 mm and 6.4 mm) | | VDV120-005 | UTP cable | blue | 1 | variable | | | |
| Cat. No. | Description | Color | Level(s) | Strip Dimensions | Prepared Cable | | | | | | | | | | | | | | | | | | | | | | |
| VDV100-001 | dual cartridge radial stripper frame | yellow | - | - | - | | | | | | | | | | | | | | | | | | | | | | |
| VDV110-003 | RG59/RG6/RG6-QS coaxial cable | black | 2 | 5/16" and 1/4" (7.9 mm and 6.4 mm) | | | | | | | | | | | | | | | | | | | | | | | |
| VDV120-005 | UTP cable | blue | 1 | variable | | | | | | | | | | | | | | | | | | | | | | | |
| VDV110-802 | | 5.2" (133 mm) | 2.1 oz. (59.5 g) | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <tbody> <tr> <td>VDV100-002</td> <td>radial cartridge stripper frame</td> <td>yellow</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>VDV110-003</td> <td>RG59/RG6/RG6-QS coaxial cable</td> <td>black</td> <td>2</td> <td>5/16" and 1/4" (7.9 mm and 6.4 mm)</td> <td></td> </tr> </tbody> </table> | VDV100-002 | radial cartridge stripper frame | yellow | - | - | - | VDV110-003 | RG59/RG6/RG6-QS coaxial cable | black | 2 | 5/16" and 1/4" (7.9 mm and 6.4 mm) | | | | | | | | | | | | | | | |
| VDV100-002 | radial cartridge stripper frame | yellow | - | - | - | | | | | | | | | | | | | | | | | | | | | | |
| VDV110-003 | RG59/RG6/RG6-QS coaxial cable | black | 2 | 5/16" and 1/4" (7.9 mm and 6.4 mm) | | | | | | | | | | | | | | | | | | | | | | | |

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.



VDV110-003



VDV110-004



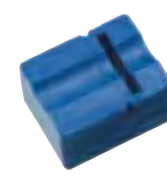
VDV110-020



VDV113-022



VDV113-021



VDV120-005

*All cartridges except for VDV120-005.

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

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.



Coax Cable Tools

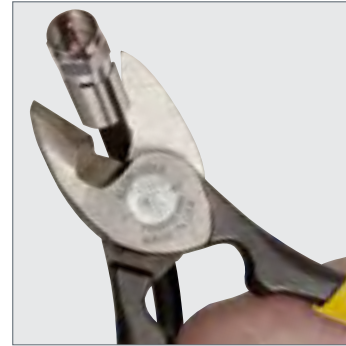
Coaxial Cable Cutter – CCS

- Multi-functional blade for cutting copper-clad steel (CCS) coaxial cables and cutting and trimming data cables and other general cable/wire.
- Notched blade section optimized to cut common CCS coaxial cables such as RG-59, RG-6/6Q and RG-11.
- Shears blade section designed to cut and snip solid and stranded copper, aluminum, UTP/STP twisted pair wires and cables.
- Blade geometry ensures CCS coaxial cable retains shape when cut to facilitate easy insertion into connectors and excellent terminations.
- High-leverage design for genuine one-handed operation.
- Forged from custom, US-made steel and through-hardened to withstand steel cable cutting.



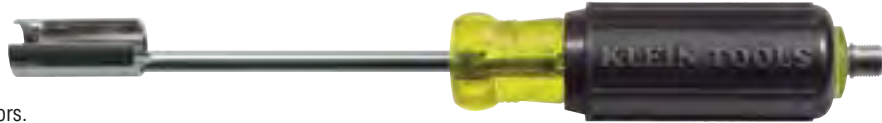
VDV600-096

| Cat. No. | Overall Length | Cutting Knives | Cuts | Handle | Handle Color | Weight |
|------------|-----------------|---|-----------------------------|----------------|--------------|------------------|
| VDV600-096 | 7-5/8" (194 mm) | Custom notch for CCS coaxial cable Standard shears for general purpose | RG59 RG6 RG6Q RG11 | plastic-dipped | yellow | .60 lbs. (272 g) |



Cushion-Grip F-Connector Insertion/Extraction Tool

- 5" long shaft with 7/16" socket extends reach for connecting/removing F-connectors.
- 3/8"-32 threaded end holds standard F-Connectors for cable insertion.
- 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.



VDV312-012

| Cat. No. | Color | Shank Tip | Handle Tip | Shank Length | Finish | Overall Length | Weight |
|------------|--------------|-------------------|-----------------------------------|--------------|---------------|----------------|-------------------|
| 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 oz. (212.6 g) |

All dimensions are in inches and (millimeters).

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

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

▲WARNING: Always wear approved eye protection.

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



Coax Connector Crimp Tools

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.
- F/BNC/RCA connector markings for quick adjustments.
- Integrated handle lock for easy storage.
- Spring loaded return increases user comfort and ease of use.
- Yellow and black contoured grips enhance comfort, visibility and allow quick identification.



VDV211-063



Connector markings for quick adjustments.

| Cat. No | Color | Type | Cable | Connectors | Overall Length | Weight |
|------------|--------------|---------------------|---------|-----------------|----------------|--------------------|
| VDV211-063 | yellow/black | compression crimper | coaxial | BNC F RCA | 6.25" (158 mm) | 18.5 oz. (524.5 g) |

Compression Crimper – Compact, Multi-Connector

- Fast, reliable multiple-type compression connector installations.
- Crimps compression BNC, F and RCA connectors to coaxial cable.
- Adjustable universal plunger ensures accurate crimps on multiple types of connectors.
- Open design with 180° capture mechanism provides easy insertion, complete compression and simple removal of cable and connector.
- F/BNC/RCA connector markings for quick adjustments.
- Compact tool with integrated handle lock for easy storage.
- Spring loaded return increases user comfort and ease of use.
- Yellow contoured grips enhance comfort, visibility and allow quick identification.
- Steel body with chrome finish resists corrosion and extends tool life.



VDV211-048



Connector markings for quick adjustments.

| Cat. No | Color | Type | Cable | Connectors | Overall Length | Weight |
|------------|---------------|---------------------|---------|-------------|----------------|-------------------|
| VDV211-048 | yellow/chrome | compression crimper | coaxial | BNC, F, RCA | 5.6" (142 mm) | 8.0 oz. (226.8 g) |

Compact, F-Connector

- Fast, reliable F-Connector installation tool.
- Steel body with black-oxide finish for corrosion resistance and durability.
- Fixed plunger allows quick, easy insertion and removal of cable and connector.
- Fixed plunger accepts many common F-connector compression fittings.
- Compact tool with integrated handle lock.
- Yellow and black grips enhance comfort, visibility and allow quick identification.
- Spring loaded return increases user comfort and ease of use.



VDV212-008

| Cat. No. | Color | Type | Cable | Connectors | Overall Length | Weight |
|------------|--------------|---------------------|---------|---------------------|----------------|-------------------|
| VDV212-008 | yellow/black | compression crimper | coaxial | common F connectors | 5.6" (142 mm) | 9.8 oz. (277.8 g) |

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.



Twisted Pair Crimp/Strip Tools

Compact Ratcheting Modular Crimper

- All-inclusive tool cuts, strips and crimps voice and data cables.
- Cuts and strips CAT6, CAT5e, CAT3 and flat-satin voice cables.
- Crimps 6 and 8 position modular connectors.
- Heavy-duty ratchet ensures complete termination.
- Direct lateral crimp action provides more even, precise contact termination across all pins than ordinary indirect crimp tools.
- Compact, ergonomic design for easy usage and storage.
- 40% smaller than many other crimpers.
- Quick reference connector wiring diagrams provided on the tool and downloadable to your mobile device.



VDV226-107

| Cat. No. | Color | Cuts & Strips | Crimps Connectors | Position/Pair/ Conductors | Overall Length | Weight |
|------------|--------------|--|------------------------|--|-------------------|---------------------|
| VDV226-107 | yellow/black | round STP/UTP data cable flat-satin phone cable 28-22 AWG (0.08 – 0.34 mm ²) | RJ11, RJ12 and RJ45 | 6-position, 2-pair/4-conductor 6-position, 3-pair/6-conductor 8-position, 4-pair/8-conductor | 5.25" (133 mm) | 11.2 oz. (318 g) |

Ratcheting Modular Crimper/Stripper

- Fast, reliable modular-crimp connector installation for voice and data applications.
- All-In-One Tool, cuts, strips and crimps paired-conductor cables (round STP/UTP and flat-satin phone cable).
- Crimps 4, 6, and 8 position modular connectors (RJ22, RJ11/RJ12 and RJ45).
- Crimping dies are precision ground from high-carbon steel.
- 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.
- Not for use with AMP® connectors.
- Replacement blade set available (Cat. No. VDV999-064).



VDV226-011

AMP® is a registered trademark of TYCO, Inc.

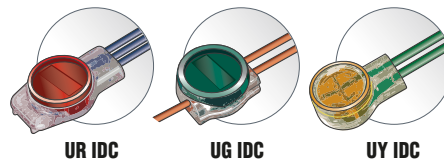
| Cat. No. | Color | Cuts & Strips | Crimps Connectors | Position/Pair/ Conductors | Overall Length | Weight |
|------------|--------------|---|-----------------------------|--|----------------|--------------------|
| VDV226-011 | yellow/black | round STP/UTP, flat satin phone cable 22-28 AWG (0.08 - 0.34 mm ²) | RJ11, RJ12 RJ22 and RJ45 | 4-position, 1-pair/2-conductor 4-position, 2-pair/4-conductor 6-position, 2-pair/4-conductor 6-position, 3-pair/6-conductor 8-position, 4-pair/8-conductor | 7.5" (191 mm) | 11.3 oz. (320.3 g) |

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 |
|------------|-------------------|---------------|------------------|------------------|------------------|------------------------------------|----------------|--------------|-------------------|
| VDV026-049 | 6.80" (173 mm) | 2" (51 mm) | 0.70" (18 mm) | 0.38" (10 mm) | 0.44" (11 mm) | 0.095 x 0.125 (2.0 mm x 3.0 mm) | plastic-dipped | yellow | 4.5 oz. (127.6 g) |

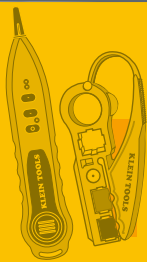
All dimensions are in inches and (millimeters).

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

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

⚠ WARNING: Always wear approved eye protection.

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



Punchdown Tools & Accessories

Punchdown Screwdriver Multi-Tool

- Terminate and cut wire in one step with included 110/66 combination cut-type punchdown blade with precision ground cutting edge.
- Non-impact wire termination.
- Machine-tooled steel bits for superior strength.
- Heavy-duty blade barrel provides storage for bits.
- Bayonet-style (twist & lock) socket accepts most manufacturers' punchdown blades.
- Cushion-Grip handle for greater torque and enhanced comfort.
- Tip-Ident® for quick identification of tool.
- Two Phillips screwdriver tips: #1 and #2.
- Two slotted screwdriver tips: 3/16" and 1/4".
- Two nut drivers: 1/4" and 3/8".
- One hex key: 3/8".
- 6 pc. counter display available (Cat. No. VDV001-0816).



VDV001-081



| Cat. No. | Color | Included Bits | Finish | Overall Length | Weight |
|------------|--------------|---|--------|----------------|-------------------|
| VDV001-081 | yellow/black | #1 & #2 Phillips, 3/16" & 1/4" Slotted, 66/110 Terminate & Cut 1/4" & 3/8" Nut Driver, 3/8" Hex-Key | chrome | 8" (203 mm) | 9.4 oz. (266.5 g) |

Cushion-Grip Impact Punchdown Tools – 110/66

NEW!

- Extra-long punch collar to reach into crowded blocks.
- Cushion-Grip handle for superior comfort.
- Hi / Lo impact settings for use on both 110 and 66 blocks as well as jacks.
- Dura-Blade™ 110/66 Cut Combination Punchdown Blade is designed for durability and performance.
- Professional pick/probe/spudger for precise maintenance of wires on blocks or jacks.
- Multi-pocket pouch with belt clip and reinforced bottom to prevent punctures.



VDV427-822



VDV327-103

VDV427-821

| Cat. No. | Description | Overall Length | Weight |
|---------------|--|---------------------|---------------------|
| VDV427-822 | cushion-grip impact punchdown tool kit – 110/66 | 9.125" (232 mm) | 14.9 oz. (422 g) |
| Kit Contains | | End 1 Configuration | End 2 Configuration |
| VDV427-821* | cushion-grip impact punchdown tool with Dura-Blade™ | 110 terminate & cut | 66 terminate & cut |
| VDV327-103* | wire pick | hook | spudger |
| kit exclusive | multi-pocket pouch with reinforced puncture-resistant bottom | - | - |

*Items also sold separately

Replacement Blade

| Cat. No. | Description | End 1 Configuration | End 2 Configuration | Overall Length | Weight |
|------------|--|---------------------|---------------------|----------------|----------------|
| VDV427-104 | Dura-Blade™ 110/66 cut combination punchdown blade | 110 terminate & cut | 66 terminate & cut | 2.25" (57 mm) | .05 oz. (14 g) |

All dimensions are in inches and (millimeters).

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

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use to pry or chisel.

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

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



Punchdown Tools & Accessories

Punchdown Multi-Tool with 1110/66 Blade

- 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.



VDV427-806



| Cat. No. | Set Contains | Overall Length | Weight | |
|------------|--|--|---------------------------|---------------------------|
| VDV427-806 | punchdown multi-tool with 110/66 blade | 7.0" (176 mm) | 5.6 oz. (159 g) | |
| 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 oz. (213 g) | |
| 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 | - | - |

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.
- Bayonet style (twist & lock) socket accepts most manufacturers' tools and blades.
- Induction-hardened high-carbon steel for durability and long life.
- Replacement blades available.



VDV427-800



| Cat. No. | Set Contains: | Overall Length | Weight | |
|------------|---|--|---------------------------|---------------------------|
| VDV427-800 | Impact Punchdown Tool - Combination 66/110 Cut Type | 7.0" (177 mm) | 5.7 oz. (162 g) | |
| Cat. 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 |
| VDV427-805 | Impact Punchdown Tool - 110 Type | 7.1" (180 mm) | 5.6 oz. (159 g) | |
| Cat. 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 |

All dimensions are in inches and (millimeters).

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

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

⚠WARNING: Always wear approved eye protection.

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



Punchdown Tools & Accessories

Dura-Blade™ 110/66 Cut Combination Punchdown Blade

- Dura-Blade™ manufactured using Metal Injection Molding (MIM) technology for increased quality, durability and performance.
- Precise cutting-edge for clean, accurate wire insertion and trimming.
- Dual 110 and 66 cutting ends for versatility.
- Compatible with Klein® punchdown tools and other bayonet style (twist & lock) socket punchdown tools.



VDV427-104

| Cat. No. | Color | Description | End 1 Configuration | End 2 Configuration | Overall Length | Weight |
|------------|--------|--|---------------------|---------------------|----------------|---------------|
| VDV427-104 | chrome | Dura-Blade™ 110/66 Cut Combination Punchdown Blade | 66 terminate & cut | 110 terminate & cut | 2.25" (57 mm) | .5 oz. (14 g) |

Punchdown Tool Blades & Accessories

- Compatible with Klein® punchdown tools and other bayonet style (twist & lock) socket punchdown tools.
- Precision ground cutting-edge for clean, precise wire termination (depending on blade type).
- Terminate, and adjust cable in variety of cross-connect panels, blocks and keystone jacks.
- Induction-hardened high-carbon steel blades for durability and long life.
- Reversible blades with termination/cutting ends and termination only ends (depending on blade type).
- WorkEnds™ Kit converts the Punchdown Multi-Tool chassis (VDV427-047) into a multi-bit driver.
- Professional pick/probe/spudger for precise maintenance of wires on blocks or jacks.



VDV427-015



VDV427-016



VDV427-017



VDV770-050†



VDV327-103

| Cat. No. | Color | Description | End 1 Configuration | End 2 Configuration | Overall Length | Weight |
|------------|--------|--|--------------------------|---------------------|----------------|----------------|
| VDV327-103 | yellow | wire pick | hook | spudger | 7.25" (184 mm) | .1 oz. (3 g) |
| VDV427-015 | black | high-carbon steel punchdown tool blade - 110 type | 110 terminate | 110 terminate & cut | 2.1" (52 mm) | 0.5 oz. (14 g) |
| VDV427-016 | black | high-carbon steel punchdown tool blade - 66 type | 66 terminate | 66 terminate & cut | 2.3" (58 mm) | 0.6 oz. (17 g) |
| VDV427-017 | black | punchdown tool blade - combination 66/110 cut type | 66 terminate & cut | 110 terminate & cut | 2.2" (56 mm) | 0.6 oz. (17 g) |
| 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† | proprietary magnetic hex | 1/4" female hex | 3.2" (81 mm) | 1.4 oz. (40 g) |

†WorkEnds™ is not compatible with VDV427-013, VDV427-800, VDV427-805.

All dimensions are in inches and (millimeters).

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⚠WARNING: Always wear approved eye protection.

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Crimp Tool and Die Sets

Ratcheting Crimper Frame



VDV200-010

- Professional CATV, Electrical, Home Theater, Satellite and Security System ratcheting crimper frame with optional dies is perfect for fast, reliable connector installations.
- Full-cycle ratchet action assures a complete, precise crimp every cycle.
- Preset tension for optimum performance.
- Ratchet mechanism is designed to prevent the release of the connector prior to full compression.
- Safety crimp release helps eliminate rejected terminations due to incorrect positioning.
- Steel body with black-oxide finish for corrosion resistance and durability.
- Yellow and black grips enhance comfort, visibility, and allow quick identification.
- Thumb-screws secure die-sets for quick, easy changes.
- Optional, quick interchangeable die sets thumb and Phillips screw set available (see table).

| Cat. No. | Overall Length | Weight |
|------------|----------------|------------------|
| VDV200-010 | 8.75" (222 mm) | 19.0 oz. (539 g) |

Coaxial Hex-Crimp Die Sets

| Cat. No | Die Set: | Nest Dimensions: | |
|------------|---|---|--|
| VDV999-033 | Replacement Screw Set (Thumb and Phillips) | N/A | |
| VDV212-034 | CATV F Connectors RG59/6 | 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 ² | |
| 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 ² | |
| VDV211-037 | RG6/58/59/62 | 0.256"/0.319"/0.068"/0.213" 6.50/8.10/1.73/5.41 mm | |
| VDV211-038 | RG58/59/62 | 0.256"/0.068"/0.213" 6.50/1.73/5.41 mm | |
| VDV205-039 | Pin Terminal Insulated or Non-Insulated Ferrules, AWG 12-22 | AWG 22/20/18/16/14/12 DIN 0.5/0.75/1.0/ 1.5/2.5/4 mm ² | |
| VDV201-040 | RG58/59/62/174 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 | 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 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 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.

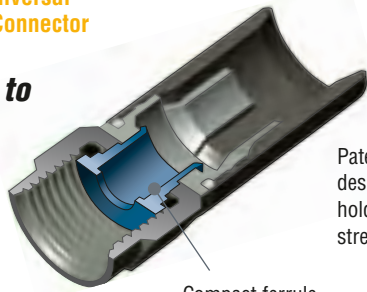
▲WARNING: Use caution when tightening thumb-screws to prevent thread damage/stripping and hand tighten only; do not over-tighten the thumb screws. Over-tightening thumb-screws can damage the tool and/or die set.



Coax Cable Connectors

Klein Tools' Universal Compression Connector

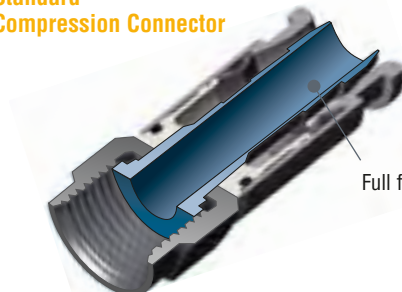
Installs up to 5X faster!



Compact ferrule

Patented universal sleeve design provides excellent holding power and signal strength.

Standard Compression Connector



Full ferrule

| Connector Type | Universal | | | | | | Standard |
|----------------------|------------------------------------|---------------|---------------|------------|-------------|------------|--|
| | F-Connector | BNC-Connector | RCA-Connector | | F-Connector | | |
| Crimping Type | Compression | Compression | Compression | | Compression | | |
| Cable Type: | | | | | | | |
| RG59 | • | • | • | • | • | • | |
| RG6 | | • | • | • | • | • | |
| RG6 QUAD SHIELD | | • | • | • | • | • | |
| Universal Sleeve | • | • | • | • | • | • | |
| Outdoor Use | | | | | | • | |
| Cat. Nos: | | | | | | | |
| Pack Size: 10 | VDV812-615 | VDV812-606 | VDV813-616 | VDV813-607 | VDV813-617 | VDV813-608 | VDV812-623 |
| Pack Size: 35 | | | VDV813-619 | VDV813-613 | VDV813-620 | VDV813-614 | |
| Pack Size: 50 | VDV812-618 | VDV812-612 | | | | | VDV812-624 |
| Klein Crimping Tools | VDV211-063, VDV211-048, VDV211-007 | | | | | | VDV211-063, VDV211-048, VDV211-007, VDV212-008 |

Universal Compression Connectors

- Fit all manufacturers' diameter variations within a cable series.
- Fit difficult to work with multi-shield and plenum cables.
- For indoor use only.

| Cat. No. | Connector Type | Cable Type | Pack Qty. |
|------------|----------------|------------|-----------|
| VDV812-615 | F-Connector | RG59 | 10 |
| VDV812-618 | F-Connector | RG59 | 50 |
| VDV812-606 | F-Connector | RG6 - RG6Q | 10 |
| VDV812-612 | F-Connector | RG6 - RG6Q | 50 |
| VDV813-616 | BNC Connector | RG59 | 10 |
| VDV813-619 | BNC Connector | RG59 | 35 |
| VDV813-607 | BNC Connector | RG6 - RG6Q | 10 |
| VDV813-613 | BNC Connector | RG6 - RG6Q | 35 |
| VDV813-617 | RCA Connector | RG59 | 10 |
| VDV813-620 | RCA Connector | RG59 | 35 |
| VDV813-608 | RCA Connector | RG6 - RG6Q | 10 |
| VDV813-614 | RCA Connector | RG6 - RG6Q | 35 |

F • RG6-RG6Q



VDV812-606

BNC • RG6-RG6Q



VDV813-607

RCA • RG6-RG6Q



VDV813-608

F • RG59



VDV812-615

BNC • RG59



VDV813-616

RCA • RG59



VDV813-617

Standard Compression Connectors

- Full ferrule design.
- Solid brass construction with nickel-plated finish.
- Best choice for outdoors.
- Great for satellite dishes.



VDV812-623

Push-On Connectors

- Patented, tool-less, easy grip design.
- Fits most major brands.
- For indoor use only.



VDV812-626

| Cat. No. | Connector Type | Crimping Type | Cable Type | Pack Qty. |
|------------|----------------|---------------|------------|-----------|
| VDV812-623 | F-Connector | Compression | RG6 | 10 |
| VDV812-624 | F-Connector | Compression | RG6 | 50 |

| Cat. No. | Connector Type | Crimping Type | Cable Type | Pack Qty. |
|------------|----------------|---------------|------------|-----------|
| VDV812-625 | F-Connector | Push-On | RG59 | 4 |
| VDV812-626 | F-Connector | Push-On | RG6 - RG6Q | 4 |
| VDV812-627 | F-Connector | Push-On | RG6 - RG6Q | 10 |

Voice/Data/Video Tools Testers & Connectors



Adapters/Terminator

F to BNC Adapter

- Converts F-connectors to BNC connectors.



VDV814-629

F to RCA Adapter

- Converts F-connectors to RCA connectors.



VDV814-630

F-Splice Adapter 3 GHz

- Patented gripping mechanism for optimal signal strength.



VDV814-609

90° F-Adapter 3 GHz

- Perfect for tight spaces in a cabinet or against a wall.



VDV814-631

| Cat. No. | Description | Pack Qty. |
|------------|--------------------------|-----------|
| VDV814-629 | F to BNC Adapter | 2 |
| VDV814-630 | F to RCA Adapter | 2 |
| VDV814-609 | F-Splice Adapter – 3 GHz | 10 |
| VDV814-631 | 90° F-Adapter – 3 GHz | 2 |
| VDV814-610 | F-Terminator | 10 |

F-Terminator

- Prevents extraneous signals from decreasing system performance.



VDV814-610

Splitters/Diplexer

- Over 130 dB of RFI shielding for optimal signal performance.
- Enhanced return path for improved cable modem performance.
- High return loss to minimize ghosting or pixelated images.
- F-terminators recommended for unused ports to optimize performance.

Digital Cable Splitters (5 MHz to 1 GHz)



VDV814-633



VDV814-634



VDV814-635

| Cat. No. | Description | Pack Qty. |
|------------|--|-----------|
| VDV814-633 | 2-Way Digital Cable Splitter – 5 MHz - 1 GHz | 1 |
| VDV814-634 | 4-Way Digital Cable Splitter – 5 MHz - 1 GHz | 1 |
| VDV814-635 | 8-Way Digital Cable Splitter – 5 MHz - 1 GHz | 1 |

Satellite / Digital Cable Splitters (5 MHz to 2.3 GHz)

- High port to port isolation to reduce interference.



VDV814-636



VDV814-637

| Cat. No. | Description | Pack Qty. |
|------------|--|-----------|
| VDV814-636 | 2-Way Satellite/Digital Cable Splitter – 5 MHz - 2.3 GHz | 1 |
| VDV814-637 | 4-Way Satellite/Digital Cable Splitter – 5 MHz - 2.3 GHz | 1 |

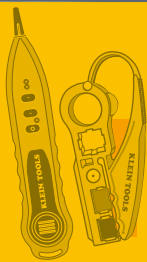
Diplexer

- Combines or separates CATV and off-air signals with/from satellite signals.

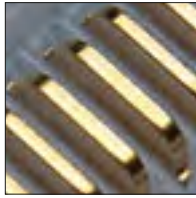


VDV814-638

| Cat. No. | Description | Pack Qty. |
|------------|---|-----------|
| VDV814-638 | Satellite/TV Diplexer – 5 MHz - 2.3 GHz | 1 |



Twisted Pair Connectors



Klein's data and telephone plugs are professional-grade and deliver consistent, reliable performance.

They feature thick 50 micro-inch gold plating on the contact plates, three-pronged solid and stranded wire contacts, and durable connector housings. Expect a sure connection each and every time.



| Connector Type | UY | UR | RJ11 | RJ11 | RJ45 | |
|------------------------------------|-----------------------------|------------|------------|------------------------|------------|------------|
| Position & Contacts | 2P2C | 3P3C | 6P4C | 6P6C | 8P8C | |
| Connector Design | 1-Piece | 1-Piece | 1-Piece | 1-Piece | 1-Piece | 3-Piece |
| Gold Plating Thickness (microinch) | | | 50µ" | 50µ" | 50µ" | 50µ" |
| Cable Type: | | | | | | |
| CAT 3 | ● | ● | ● | ● | | |
| CAT 5 | | | | | ● | |
| CAT 5e | | | | | ● | |
| CAT 6 | | | | | | ● |
| Solid Conductor Wire | ● | ● | ● | ● | ● | ● |
| Stranded Conductor Wire | | | | | ● | ● |
| Connector Color | Yellow | Red | Clear | Clear | Clear | Clear |
| Cat. No. | | | | | | |
| Pack Size: 10 | | | | | VDV826-628 | |
| Pack Size: 25 | VDV826-604 | VDV826-605 | VDV826-601 | VDV826-600 | | VDV826-603 |
| Pack Size: 50 | | | | | VDV826-602 | |
| Pack Size: 100 | | | | | VDV826-611 | |
| Crimping Type | IDC | | | Modular Plug Connector | | |
| Klein Crimping Tools | D234-6, D234-6C, VDV026-049 | | | VDV226-011, VDV226-107 | | |

RJ45 Modular Data Plugs

- 8 position 8 contact.
- For solid or stranded conductors.



VDV826-628
(CAT 5 / CAT 5e)



VDV826-603
(CAT 6)

| Cat. No. | Connector Type | Cable Type | Connector Color | Pack Qty. |
|------------|----------------|----------------|-----------------|-----------|
| VDV826-628 | RJ45 | CAT 5 / CAT 5e | clear | 10 |
| VDV826-602 | RJ45 | CAT 5 / CAT 5e | clear | 50 |
| VDV826-611 | RJ45 | CAT 5 / CAT 5e | clear | 100 |
| VDV826-603 | RJ45 | CAT 6 | clear | 25 |

RJ45 Strain Relief Boot

- Protects connector tabs from breaking, extending connector life.
- Minimizes cable bending that can reduce data speed and result in connector failure.
- For use with RJ45 modular data plugs.



VDV824-632

| Cat. No. | Connector Type | Connector Color | Pack Qty. |
|------------|----------------|-----------------|-----------|
| VDV824-632 | RJ45 | black | 10 |

RJ11 Telephone Plugs

- 6 position 4 contact for 1 or 2 line telephones.
- 6 position 6 contact for 1, 2 or 3 line telephones.



6P4C



6P6C



VDV826-600

| Cat. No. | Connector Type | Position & Contacts | Connector Color | Pack Qty. |
|------------|----------------|---------------------|-----------------|-----------|
| VDV826-601 | RJ11 | 6P4C | clear | 25 |
| VDV826-600 | RJ11 | 6P6C | clear | 25 |

Insulation Displacement Connectors

- Insulation displacement connector to add or terminate a telephone line.
- Gel-filled for moisture resistance.



VDV826-604
(26-22 AWG)



VDV826-605
(26-19 AWG)

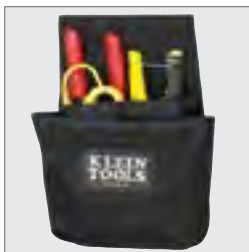
| Cat. No. | Connector Type | Position & Contacts | Connector Color | Pack Qty. |
|------------|----------------|---------------------|-----------------|-----------|
| VDV826-604 | UY | 2P2C | yellow | 25 |
| VDV826-605 | UR | 3P3C | red | 25 |



Voice/Data/Video Tool Kits

Coax Installer Starter Kit – F-Connectors

- Includes the tools needed to prepare and connect F-Connectors.
- Durable nylon tool pouch designed specifically for F-connector installation tools.
- Additional pocket holds a screwdriver or common AA battery flashlights.
- Pouch includes a closeable pocket that will hold up to 25 compression F-connectors.
- Tunnel-loop accommodates up to 2" belt.



VDV012-811

| Cat. No. | Set Contains | Weight |
|---------------|---|---------------------|
| VDV012-811 | | 1.44 lbs. (0.65 kg) |
| Cat. No. | Description | |
| 63020 | multi-cable cutter | |
| VDV110-802 | radial cartridge stripper - coaxial cable, 2-level | |
| VDV212-008 | compression crimper - compact, f-connector | |
| kit exclusive | 5-pocket nylon tool pouch plus closeable consumables pocket | |

LAN Installer Starter Kit – Modular

- Includes the tools needed to prepare, connect and test modular cables.
- Durable nylon tool pouch designed specifically for modular plug installation tools.
- Two additional pockets hold a screwdriver and common AA battery flashlights.
- Pouch includes a closeable pocket that will hold up to 25 RJ45 plugs.
- Tunnel-loop accommodates up to 2" belt.

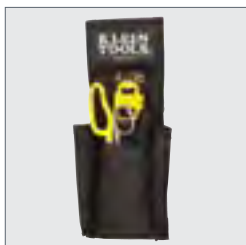


VDV026-812

| Cat. No. | Set Contains | Weight |
|---------------|---|--------------------|
| VDV026-812 | | 1.5 lbs. (0.68 kg) |
| Cat. No. | Description | |
| 2100-8 | stainless steel electrician's scissors - free-fall | |
| VDV226-011 | ratcheting modular cutter/crimper/stripper | |
| VDV526-052 | LAN Scout™ Jr. tester | |
| 98554 | fine point permanent marker | |
| kit exclusive | 5-pocket nylon tool pouch plus closeable consumables pocket | |

LAN Installer Starter Kit – Punchdown

- Includes the tools needed to prepare and connect 66 type and 110 type punchdown terminal blocks.
- Durable nylon tool pouch designed specifically for punchdown installation tools.
- Two additional pockets hold a screwdriver and common AA battery flashlights.
- Tunnel-loop accommodates up to 2" belt.



VDV027-813

| Cat. No. | Set Contains | Weight |
|---------------|--|--------------------|
| VDV027-813 | | .88 lbs. (0.40 kg) |
| Cat. No. | Description | |
| 2100-8 | stainless steel electrician's scissors - free-fall | |
| VDV427-047 | punchdown multi-tool chassis | |
| VDV427-015 | punchdown tool blade - 110 type | |
| VDV427-017 | punchdown tool blade - combination 66/110 cut type | |
| 98554 | fine point permanent marker | |
| kit exclusive | 4-pocket nylon tool pouch | |

All dimensions are in inches and (millimeters).

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

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

⚠WARNING: Always wear approved eye protection.

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



Voice/Data/Video Tool Kits

Coax Installation & Test Kit

- Includes tools needed to prepare, connect and test coax cables.
- Coax Cable Stripper 2-Level, Radial: Designed for easy single operation cable preparations.
- Compression Crimper Compact F-Connector: Crimps compression F-connectors to coaxial cable quickly and reliably.
- Coax Explorer™ Tester: Compact tool tests and verifies coaxial cable connections (good/open/short).
- Universal F-Compression Connectors - RG6 / RG6-QS: Patented universal sleeve connectors install up to 5X faster.



VDV002-818

| Cat. No. | Set Contains | Weight |
|------------|---|--------------------|
| VDV002-818 | | 1.1 lbs. (0.50 kg) |
| Cat. No. | Description | |
| VDV212-008 | compression crimper - compact, F-connector | |
| VDV110-061 | coax cable stripper 2-level, radial | |
| VDV512-057 | Coax Explorer™ tester | |
| VDV812-606 | universal F-compression connectors - RG6/RG6-QS (10 pack) | |

Coax Push-On Connector Installation & Test Kit

- Includes tools needed to prepare, connect and test push-on coax cables.
- Coax Cable Stripper 2-Level, Radial: Designed for easy single operation cable preparations.
- Coax Explorer™ Tester: Compact tool tests and verifies coaxial cable connections (good/open/short).
- Push-On F-Connectors - RG6 / RG6-QS: Tool-less, patented cable grip design for easy installation and strong hold.



VDV002-820

| Cat. No. | Set Contains | Weight |
|------------|---|---------------------|
| VDV002-820 | | 0.28 lbs. (0.13 kg) |
| Cat. No. | Description | |
| VDV110-061 | coax cable stripper 2-level, radial | |
| VDV512-057 | Coax Explorer™ tester | |
| VDV812-627 | push-on F-Connectors - RG6/RG6-QS (10 pack) | |

Modular Installation Kit

- Includes tools needed to prepare and connect modular cables.
- Ratcheting Modular Crimper/Stripper: All-in-one tool cuts, strips and crimps paired-conductor cables (RJ11 / RJ12, RJ22, RJ45).
- Modular Data Plug - RJ45 - CAT5e: Thick 50 micro-inch gold plating and 3-pronged contacts with durable housing - 8 position, 8 contact for data cables.
- Telephone Plug - RJ11 - 6P6C: Thick 50 micro-inch gold plating and 3-pronged contacts with durable housing - for 1, 2 or 3 line telephones.



VDV226-817

| Cat. No. | Set Contains | Weight |
|---------------|--|---------------------|
| VDV226-817 | | 0.76 lbs. (0.34 kg) |
| Cat. No. | Description | |
| VDV226-011 | ratcheting modular crimper/stripper | |
| VDV826-628 | modular data plug - RJ45 - CAT5e (10 pack) | |
| kit exclusive | telephone plug - RJ11 - 6P6C (10 pack) | |

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 Test & Measurement

NEW!

VDV Commander™

- Test coaxial, data (RJ45) and telephone (RJ11) cables – wire map, for faults, verify shielding, continuity.
- Measure cable length and distance to a fault with Time Domain Reflectometry (TDR) technology.
- Test Power over Ethernet (PoE) systems. Detect class per IEEE 802.3af/at, test loads and identify modes.
- Locate, trace and identify cables with intergrated tone generator, Link Light, Location ID remotes and Test-n-Map™ ID Remotes.
- Perform active network (Ethernet) testing. Detect and report current link speed and link capabilities for active Ethernet drops up to 1 Gbps.
- Save up to 256 tests reports and export/print as needed.



VDV501-828



VDV501-829

CE



| Features | Includes |
|---|-------------------------|
| RJ-45 8-Wire Cables | ● |
| F-connector Coaxial Cables | ● |
| Telephone Cables | With adapter |
| Wiremap | ● |
| Open Fault | ● |
| Short Fault | ● |
| Miswire Fault | ● |
| Split-Pair Fault | ● |
| Pass TIA-568A/B & Crossover/Uplink | ● |
| Active Ethernet Detects link speed and capabilities to 1 Gbps | ● |
| Single-End Cable Testing | ● |
| Test-n-Map™ ID Remote (Two End Testing) Test and Identify location in one step with remote | ● |
| PoE Power Over Ethernet Testing | ● |
| Measures Cable Length | 1500 ft. / 457 m |
| TDR Time Domain Reflectometry Length Measurement Method | ● |
| $\pm(5\% + 1\text{ft.})$ $\pm(5\% + 0.3\text{m})$ Accuracy/ Measurement Resolution | ● |

| Features | Includes |
|---|------------------------|
| Link Light | ● |
| ID Cable Identification | up to 20 |
| Shield Detection | ● |
| Voltage Warning | ● |
| Low Battery Indicator | ● |
| Store Test Results | 256 |
| Print Custom Reports | ● |
| Multiple-style Tone Generator* Down to Single Conductor/Pair/Cable | 4 |
| Color LCD Display | 2.7" |
| Multiple Languages | ENG · ESP · FRA |
| Ft./m Imperial or Metric Results | ● |
| Apo Auto Power Off | ● |
| Customizable Setup | ● |
| USB interface (for PC connection) | MICRO |
| Upgradeable Firmware (via internet download & pc connection) | ● |

| Cat. No. | Batteries | Battery Life | Height | Width | Depth | Weight (with batteries) | Included Accessories |
|------------|---|---|---------------|--------------|---------------|-------------------------|---|
| VDV501-828 | 6 AA alkaline batteries included | 20 hours active 10 years standby | 6.8" (173 mm) | 3.6" (91 mm) | 1.85" (47 mm) | 12 oz. (340 grams) | 5 location RJ45 remotes, 5 location F-Connector remotes, 1 test cable – micro USB to USB A, 1 test cable – universal RJ12 jumper (9'), 1 test cable – RJ45 jumper (9'), 1 coax adapter – Barrel F-F Female, batteries, carrying case |
| VDV501-829 | 6 AA alkaline batteries included Probe 1 9V alkaline battery | 20 hours active 10 years standby Probe 25 hrs. active 4 yrs. standby | 6.8" (173 mm) | 3.6" (91 mm) | 1.85" (47 mm) | 12 oz. (340 grams) | 1 PROBEplus Tone Tracing Probe, 20 location RJ45 remotes, 20 location F-Connector remotes, 1 test cable – micro USB to USB A, 1 test cable – universal RJ12 jumper (9') 1 test cable – RJ45 jumper (9'), 1 coax adapter – Barrel F-F Female, batteries, carrying case |

*Functionality requires an analog tone tracing probe - VDV500-060 (Included with Cat. No. VDV501-829).

⚠WARNING: Connecting the instrument to voltages above the Safety Extra Low Voltage range of less than 60V peak AC or DC may pose a safety hazard to the user.

⚠WARNING: The Commander™ internal components are protected up to 400V peak AC or DC. Connecting the instrument to voltages above this range may pose a safety hazard to the user and the instrument.

All dimensions are in inches and (millimeters).

⚠WARNING: Read, understand, and follow all instructions, cautions and warnings attached to and/or packed with all test and measurement devices before each use.

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use on energized circuits or cabling systems.



Voice/Data/Video Test & Measurement

VDV Ranger™ TDR Kit

- Test and measure cable with the latest technology.
- Time Domain Reflectometry Spread Spectrum (TDR-SS) Technology provides accuracy up to +/- (1% + 3Ft.) by eliminating interference when measuring cable.
- TDR-SS technology broadens TDR environments by operating in Safety Extra Low Voltage (SELV) rated environments as defined by IEC. (SELV is 60 volts DC or Peak AC – 45 volts RMS).
- Measure paired-conductor cable length up to 3,000 ft. (914 m) including voice, data, video, doorbell, siamese, lamp-wire and NM cables.
- Ensure compliance and identify cable runs outside specification.
- Measure cable remaining in box or on a reel.
- Simplify cable estimating and bill jobs more accurately.
- The Tone Generator traces and identifies cables. Four tone cadences available. (Requires analog tone probe: VDV526-054 or VDV500-060 – both sold separately.)
- Includes custom designed polyester carrying case.
- Adapter cord set includes BNC to F-Connector adapter, F-Connector adapter, insulated push-on F-Connector to alligator clips, insulated BNC Connector to alligator clips and insulated push-on F-Connector to RJ45 modular plug.



| Features | VDV501-815 |
|---|--------------------------------|
| Measures Cable Length | ● |
| (TDR-SS) Length Measurement Method | ● |
| ±(1% + 3Ft.) ±(1% + 1m) Accuracy & Length Measurement | ● |
| Maximum Cable Length | 3,000 ft / 914M |
| Maximum Cable Length Ranges† <i>†Must be paired conductors</i> | ● |
| RJ45 8-Cables | 0 - 1,500 Ft (457 m) |
| RJ11/12 6-wire Cables | 0 - 2,000 Ft (609 m) |
| Coaxial Cable | 0 - 2,000 Ft (609 m) |
| Electrical Cable | 0 - 1,000 Ft (305 m) |
| Ft./m Imperial & Metric Results | ● |
| MEM On-Board Calibration-Memory | 2 Storage Locations |
| Open Fault | ● |
| Short Fault | ● |
| LCD Display | 2.25 Backlit |
| Multiple Style Tone Generator | ● |
| Apo Auto Power Off | ● |
| Low Battery | ● |
| Voltage Warning | ● |
| Interface | Multi-Adapter Set |
| Carrying Case | ● |



VDV501-815

| Cat. No. | Batteries | Battery Life | Height | Width | Depth | Weight (with batteries) |
|------------|-------------------------------------|------------------------------------|------------------|------------------|------------------|-------------------------|
| VDV501-815 | four AA alkaline batteries included | 15 hours active 4 years standby | 6.8" (173 mm) | 3.15" (80 mm) | 1.30" (33 mm) | 12 oz. (340 grams) |

⚠WARNING: The Ranger TDR internal components are protected up to 400V peak AC or DC. Connecting the instrument to voltages above this range may pose a safety hazard to the user and the instrument.

⚠WARNING: Connecting the instrument to voltages above the Safety Extra Low Voltage range of less than 60V peak AC or DC may pose a safety hazard to the user.

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Read, understand, and follow all instructions, cautions and warnings attached to and/or packed with all test and measurement devices before each use.

⚠WARNING: Do NOT use on energized circuits or cabling systems.

Voice/Data/Video Tools
Testers & Connectors



Voice/Data/Video Test & Measurement

VDV Scout® Pro Tester Kits

- Test continuity on data (RJ45), voice (RJ11/RJ12) and video (F-Connector coax) connections.
- Cat. No. VDV501-814 measures cable length.
- Simultaneous testing of video and data cables saves time and improves efficiency.
- Includes RJ45 & F-Connector location ID remotes for identifying cable runs to wall outlets.
- Integrated tone generator supports multiple tones and control of pins carrying tone.
- Heavy-duty ports are designed for long life and repeated connections.
- Recessed F-Connector port for improved reliability.
- Contoured dual material chassis fits comfortably in your hand.

| Features | VDV501-809 Scout Pro | VDV501-814 Scout Pro LT |
|---|-------------------------|----------------------------|
| RJ45 8-wire Cables | ● | ● |
| RJ11/12 6-wire Cables | ● | ● |
| F-connector Coax Cables | ● | ● |
| Continuity Testing | ● | ● |
| Measures Cable Length | — | ● |
| Pass TIA-568A/B & Crossover/Uplink | ● | ● |
| LCD LCD Display | ● | ● |
| Wiremap | ● | ● |
| Open Fault | ● | ● |
| Short Fault | ● | ● |
| Miswire Fault | ● | ● |
| Split Pair Fault | ● | ● |
| ID Cable Identification – Locations Included | 5 | 19 |
| Multiple Style Tone Generator, 4 cadence | ● | ● |
| Apo Auto Power Off | ● | ● |
| Low Battery | ● | ● |
| Voltage Warning | ● | ● |
| Shield Detection | ● | ● |
| Self-Storing Remote | ● | ● |
| Carrying Case | — | ● |



CE



VDV501-809



VDV501-814



Self Storing Remote



RJ45, F-Connector and RJ11/12 Port

| Cat. No. | Batteries | Height | Width | Depth | Included Accessories | Weight |
|------------|----------------------|----------------|----------------|-----------------|---|------------|
| VDV501-814 | 9V alkaline included | 11.5" (292 mm) | 8.75" (222 mm) | 2.25" (64 mm) | 19 location RJ45 remotes and remote holder, 19 location F-Connector remotes and remote holder, 1 F to F Barrel Connector, battery and 1 carrying case | 30 (850 g) |
| VDV501-809 | 9V alkaline included | 6.3" (160 mm) | 2.8" (71.2 mm) | 1.70" (43.2 mm) | 5 location RJ45 remotes, 5 location F-Connector remotes, 1 F to F Barrel Connector, battery and 1 remote holder | 10 (283 g) |

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Read, understand, and follow all instructions, cautions and warnings attached to and/or packed with all test and measurement devices before each use.

⚠WARNING: Do NOT use on energized circuits or cabling systems.

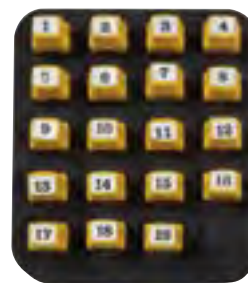


Voice/Data/Video Test & Measurement

LanMap™ Kit for VDV Scout® Pro Series 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, VDV501-068, VDV501-814, VDV501-816).
- Heavy-duty design for long life and repeated connections.
- Remotes numbered 1 through 19 for fast and accurate identification.

| Cat. No. | Height | Width | Depth | Weight |
|------------|--------------|--------------|--------------|------------|
| VDV526-055 | 3.0" (76 mm) | 3.3" (84 mm) | 1.4" (36 mm) | 1.9 (56 g) |



VDV526-055

CoaxMap™ Kit for VDV Scout® Pro Series 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, VDV501-068, VDV501-814, VDV501-816).
- Heavy-duty design for long life and repeated connections.
- Remotes numbered 1 through 19 for fast and accurate identification.

| Cat. No. | Height | Width | Depth | Weight |
|------------|--------------|--------------|--------------|-------------|
| VDV512-056 | 3.0" (76 mm) | 3.3" (84 mm) | 1.0" (26 mm) | 5.2 (148 g) |



VDV512-056

Nylon Carrying Case for VDV Scout® Pro

- Designed for use with:
 - VDV Scout® Pro Tester (VDV501-053, VDV501-809)
 - VDV Scout® Pro LT Tester (VDV501-068, VDV501-814, VDV501-816)
 - Coax Map™ Kit (VDV512-056)
 - LAN Map™ Kit (VDV526-055)
- Custom designed compartments hold and protect tester and accessories securely.
- Extra cavities for additional accessories.
- Tools and accessories not included.



Shown with (Cat. No. VDV501-809)

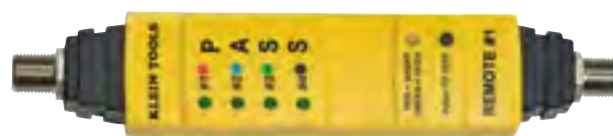


VDV770-080

| Cat. No. | Height | Width | Depth | Weight |
|------------|----------------|----------------|---------------|------------|
| VDV770-080 | 11.5" (292 mm) | 8.75" (222 mm) | 2.25" (57 mm) | 15 (425 g) |

Coax Explorer® Testers

- Tests and verifies coaxial cable continuity.
- Compact size fits easily into pocket or pouch.
- Bright LED indicates cable status (good/open/short).
- Simple push-button operation.
- Cat. No. VDV512-057 includes color coded remotes and a convenient remote holder to test up to 4 locations.
- Batteries included.



VDV512-058

| Cat. No. | Location ID | Batteries | Height | Width | Depth | Weight |
|------------|-------------|-------------------------|---------------|--------------|--------------|------------|
| VDV512-057 | 1 | lithium non-replaceable | 2.7" (69 mm) | 1.1" (28 mm) | 0.7" (18 mm) | 1.3 (37 g) |
| VDV512-058 | 4 | lithium non-replaceable | 5.6" (142 mm) | 1.1" (28 mm) | 0.6" (16 mm) | 3.3 (94 g) |



VDV512-057

All dimensions are in inches and (millimeters).

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▲WARNING: Do NOT use on energized circuits or cabling systems.

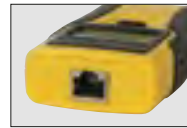


Voice/Data/Video Test & Measurement

LAN Scout® Jr. Tester

- Tests continuity on twisted pair data wiring (RJ45) connections.
- Integrated tone generator supports multiple tones and control of 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 |
|---|------------|
| RJ45 8-wire Cables | ● |
| Continuity Testing | ● |
| Pass TIA-568A/B & Crossover/Uplink | ● |
| LCd LCD Display | ● |
| Wiremap | ● |
| Open Fault | ● |
| Short Fault | ● |
| Miswire Fault | ● |
| Split Pair Fault | ● |
| Multiple Style Tone Generator, 4 cadence | ● |
| Apo Auto Power Off | ● |
| Low Battery | ● |
| Voltage Warning | ● |
| Shield Detection | ● |
| Self-Storing Remote | ● |



RJ45 Port



Self Storing Remote



VDV526-052

| Cat. No. w | Batteries | Height | Width | Depth | Weight |
|------------|---------------------------------|---------------|--------------|--------------|-------------|
| VDV526-052 | 6V - 4 x LR44 alkaline included | 4.6" (117 mm) | 2.3" (58 mm) | 1.1" (28 mm) | 4.0 (115 g) |

VDV Distance Meter™

| Features | VDV501-089 |
|---|---|
| Measures Cable Length | ● |
| Capacitance Length Measurement Method | ● |
| ±(5% + 1Ft.) Accuracy | ● |
| 1,500 ft (457 m) Maximum Cable Length Measurement | ● |
| Ft./m Imperial & Metric Results | ● |
| RG59, RG6, RG11 Cat3, Cat5e, Cat6 Preprogrammed Cable Values | 1 |
| MEM Programmable Cable Value | 1 |
| Display | 2.25" LCD |
| Multiple Interface | F-Connector / Alligator Clips / RJ11/RJ45 Modular Plug |
| Short Fault | ● |
| Open Fault | ● |
| Voltage Warning | ● |
| Apo Auto Power Off | ● |
| Low Battery | ● |



VDV501-089

- Cable Length Measurement.
- Determines cable length up to 1,500 ft. on most paired conductor cables with accuracy +/- (5% + 1Ft.).
- Cable Manager measures cable remaining in box or on reel.
- Simplifies cable estimating and helps you bill jobs more accurately.

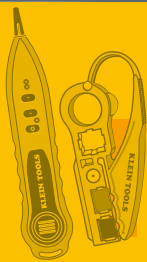
| Cat. No. | Battery | Battery Life | Height | Width | Depth | Weight (with battery) |
|------------|----------------------------------|----------------------------------|---------------|--------------|--------------|-----------------------|
| VDV501-089 | One 9V alkaline battery included | 425 hours active 4 years standby | 4.9" (123 mm) | 2.7" (69 mm) | 1.4" (35 mm) | 7.5 oz. (213 grams) |

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Read, understand, and follow all instructions, cautions and warnings attached to and/or packed with all test and measurement devices before each use.

▲WARNING: Do NOT use on energized circuits or cabling systems.



Voice/Data/Video Test & Measurement

PROBEplus – Tone Tracing Probe

- Trace wire paths and identify cables in common wiring systems.
- Amplifier overload LED improves accuracy, warning against misreads.
- Dual mode power button with Power-On LED indicator – tap or hold.
- Recessed buttons prevent accidental operation.
- Designed for use with Klein Tools VDV test tools (Cat. No. VDV500-051, VDV526-054, VDV526-052, VDV501-053, VDV501-809, VDV501-068, VDV501-814, VDV501-815, VDV501-816, VDV501-828 and VDV501-829)
- Works with many other manufacturers' analog tone generators.
- Replacement tips available (Cat. No. VDV999-065).



CE

VDV500-060

| Cat. No. | Battery | Battery Life | Height | Width | Depth | Weight |
|------------|---------|------------------------------------|------------------|-----------------|------------------|---|
| VDV500-060 | 9V | 25 hours active 4 years standby | 9.9" (252 mm) | 2.0" (51 mm) | 1.14" (29 mm) | 4.4 oz. (112 g) without battery 6.0 oz. (170 g) with battery |

| Features | VDV500-060 |
|---|------------|
| O.L. Amplifier Overload Indication | ● |
| Adjustable Digital Volume Control | ● |
| Tap-Mode Operation | ● |
| Hold-Mode Operation | ● |
| Power-On LED Indicator | ● |
| Visual Notification | ● |
| Apo Auto Power-Off | ● |
| Low Battery Indicator | ● |
| Replaceable Tip | ● |
| Lanyard Attachment Loop | ● |

TONEcube – Tone Generator

- Trace wire paths and identify cables in common wiring systems.
- Five discrete tracing tones.
- Constant output level over useful battery life.

CE

| Features | VDV500-051 |
|--|------------|
| Tones | 5 |
| Heavy-Duty Leads | ● |
| Rugged Universal RJ11/RJ12/ RJ45 Modular Plug | ● |
| Continuity Testing | ● |
| O.L. Voltage Overload Protection | ● |
| +/- Line Status & Polarity | ● |
| Power-On Flashing LED Indicator | ● |
| Apo Auto Power-Off | ● |
| Low Battery Indicator | ● |
| Lanyard Attachment Loop | ● |

| Cat. No. | Battery | Battery Life | Height | Width | Depth | Weight |
|------------|---------|-------------------------------------|-----------------|-----------------|------------------|--|
| VDV500-051 | 9V | 120 hours active 4 years standby | 2.7" (70 mm) | 2.5" (63 mm) | 1.42" (36 mm) | 3.4 oz. (96 g) without battery 5.0 oz. (142 g) with battery |



VDV500-051

- Heavy-duty leads with rugged dual-mode modular plug for direct connection to RJ11 RJ12 and 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.

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Read, understand, and follow all instructions, cautions and warnings attached to and/or packed with all test and measurement devices before each use.

▲WARNING: Do NOT use on energized circuits or cabling systems.



Voice/Data/Video Test & Measurement

TONEcube & PROBEplus Kit

- Trace wire paths and identify cables in common wiring systems.

Kit includes:

- TONEcube Tone Generator and PROBEplus Tone Tracing Probe.
- Custom designed padded zipper bag.



| Cat. No. | Set Contains: | Weight |
|------------|---------------|---------------------------------|
| VDV500-808 | | 16.0 oz. (454 g) with batteries |

| Cat. No. | Description |
|---------------|------------------------------|
| VDV500-051 | TONEcube tone generator |
| VDV500-060 | PROBEplus tone tracing probe |
| kit exclusive | nylon pouch |



VDV500-808

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 Cadence | ● |
| | Self-Storing Remote | ● |
| | Replaceable Tip | ● |
| | Auto Power-Off | ● |



Self Storing Remote



Adapter



| Cat. No. | Batteries | Height | Width | Depth | Weight | 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 |

All dimensions are in inches and (millimeters).

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▲WARNING: Do NOT use on energized circuits or cabling systems.

Voice/Data/Video Tools Testers & Connectors



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:

KLEIN-KURVE®

Klein-Kurve®
comfort grip handles

Screw shearing holes.

Wire looping and bending holes.

Strong gripping serrated nose for easy bending, shaping, and pulling of wire.

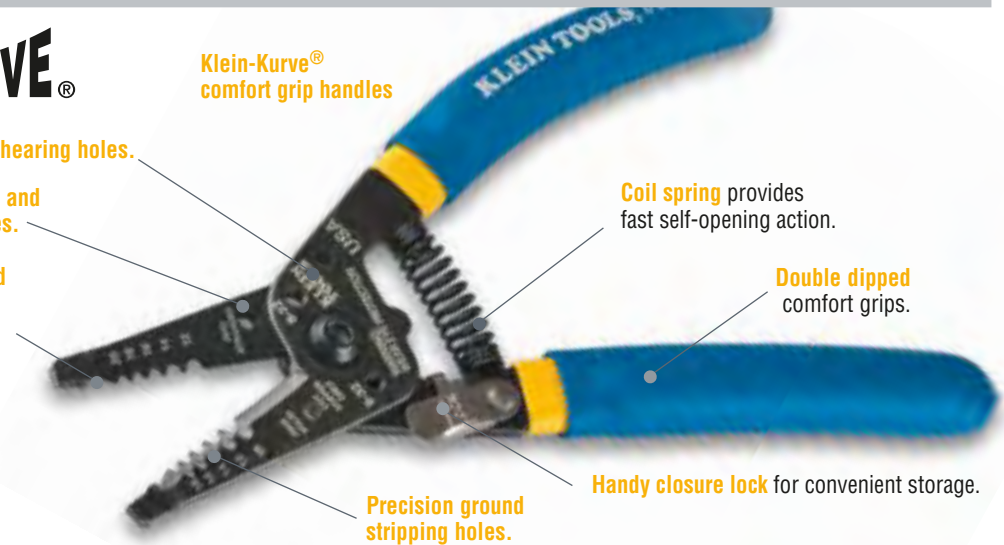
Coil spring provides fast self-opening action.

Double dipped comfort grips.



Precision ground stripping holes.

Handy closure lock for convenient storage.



Wire Strippers/Cutters KLEIN-KURVE®

Additional Features:

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



11054

| 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 ² – 2.5 mm ²) | 6-32 & 8-32 | .34 |
| 11054 | blue/white | 7-1/8" (181 mm) | 8 – 16 AWG solid (8.4 mm ² – 1.3 mm ²) & 10 – 18 AWG stranded (5.3 mm ² – .82 mm ²) | 6-32 & 8-32 | .34 |
| 11055 | blue/yellow | 7-1/8" (181 mm) | 10 – 18 AWG solid (4.0 mm ² – .75 mm ²) & 12 – 20 AWG stranded (2.5 mm ² – .50 mm ²) | 6-32 & 8-32 | .34 |
| 11057 | blue/red | 7-1/8" (181 mm) | 20 – 30 AWG solid (.50 mm ² – .14 mm ²) & 22 – 32 AWG stranded (.34 mm ² – .05 mm ²) | 6-32 & 8-32 | .32 |

Dual NM Cable Strippers/Cutters KLEIN-KURVE®

Additional Features:

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



K1412

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

Dual NMD-90 Cable Strippers/Cutters KLEIN-KURVE®

Additional Features:

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

Romex® is a registered trademark of Southwire Company.



K1412CAN

| Cat. No. | Handle Color | Overall Length | Strips and Cuts | Type NMD-90 Cable | Screw Shearing | Weight (lbs.) |
|----------|--------------|-----------------|---|-------------------|----------------|---------------|
| K1412CAN | yellow/white | 7-3/4" (197 mm) | 12 & 14 AWG solid (2.5 mm ² & 1.5 mm ²) 14 & 16 AWG stranded (1.5 mm ² & 1.0 mm ²) | 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.



Wire Strippers/Cutters

Features:



Strippers, Cutters & Crimpers

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 ² - .75 mm ²) | .27 |
| 11046 | red | 6-1/4" (159 mm) | 16 - 26 AWG stranded (1.0 mm ² - .14 mm ²) | .27 |
| 11047 | yellow | 6-1/4" (159 mm) | 22 - 30 AWG solid (.34 mm ² - .05 mm ²) | .27 |
| 11049 | red | 6-1/4" (159 mm) | 8 - 16 AWG stranded (6 mm ² - 1.0 mm ²) | .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 ² , 2.5 mm ² , 1.5 mm ²) | .27 |



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

Wire Stripper/Cutter

- 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.



1011

| 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 ² – .50 mm ²) | blue | .23 |
| 1011M | 6-1/8" (156 mm) | 0.15 - 4.0 mm ² stranded wire | 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.



1004

| 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 ² – 0.14 mm ²) | yellow | .18 |
| 1003 | no | 5" (127 mm) | 12 – 26 AWG solid & stranded (2.5 mm ² – 0.14 mm ²) | yellow | .14 |

SOLID
12 – 26 AWG

STRANDED
12 – 26 AWG

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.



74007

| 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 ² – .25 mm ²) | yellow | .15 |

SOLID
12 – 24 AWG

STRANDED
12 – 24 AWG

Katapult® Wire Stripper/Cutter

- Quick and easy 8-22 AWG wire stripping and cutting.
- Compound action wire stripping: grip and strip via single action squeezing motion.
- Precision machined stripping holes easily remove jacket insulation without damaging the wire.
- Remove up to 1" (24 mm) in length of the insulation layer (jacket layer) in a single step.
- Tension loaded wire-grip gently holds the cable in place while retaining the cable geometry.
- Recoil spring design returns tool to ready position upon cycle completion.
- Cast alloy chassis with heavy-duty Ecoat finish for corrosion resistance and durability.
- Additional precision machined steel cutting blades available.

KATAPULT



11063W

| Cat. No. | Color | Strips | Overall Length | Weight |
|----------|------------|---|----------------|-------------------|
| 11063W | blue/black | 8-22 AWG (6 mm ² – .34 mm ²) | 6.6" (168 mm) | 12.1 oz. (0.34 g) |

| Cat. No. | Weight | |
|--------------------------------|--|-----|
| Replacement Blades Sets | | |
| VDV110-046 | RG6 coaxial cable replacement blades | .01 |
| 11082 | 10 AWG max wire cutting blades | .01 |
| 11073 | 16 – 26 AWG (1.0 mm ² – .14 mm ²) | .01 |
| Wire Stop/Gauge | | |
| 11081 | adjustable wire stop | .01 |

All dimensions are in inches and (millimeters).

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

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

⚠WARNING: Always wear approved eye protection.



Wire Strippers/Cutters

Self-Adjusting Wire Stripper/Cutter

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



| Cat. No. | Strips / Cuts | Length | Width | Depth | Weight (lbs.) |
|----------|---|-------------------|------------------|------------------|---------------|
| 11061 | 10-20 AWG solid 12-22 AWG stranded 12/2 & 14/2 Romex® | 8.25" (210 mm) | 3.75" (95 mm) | 1.25" (32 mm) | 0.79 |

11061

Romex® is a registered trademark of Southwire Company.

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) | 8 – 22 AWG solid (6.0 mm ² – .34 mm ²), 10-16 AWG stranded (4.0 mm ² – 1.0 mm ²) | 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 – 26 AWG solid (6.0 mm ² – .14 mm ²) 10 – 26 AWG stranded (4.0 mm ² – .14 mm ²) | 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 ² – .34 mm ²) | 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 Tools

Trip-Saver® – Stainless Steel

- Unique multi-tool addresses the special needs of electricians and maintenance professionals while providing many other features handy on any job.
- Specially designed locking “L” handle snaps securely into the “L” channel, locking the fully opened blade or implement in place during use.
- Features the following:
 Needle-Nose Pliers, Beveled Wire Cutter, Toothed Pipe Grippers, Files (coarse and fine), 5-Slot Wire Stripper (10-18 AWG), Wire-Looping Hole, Scraper, Awl/Reamer, Serrated Sheepsfoot Knife, Clip-Point Knife, Standard/Metric Ruler, Drywall Saw, Locking “L” Handle, #1 and #2 Phillips Hex Bits, Small-Slotted Hex Bit, Large-Slotted Hex Bit, 1/4" Socket Adapter, Lanyard Hole, Nylon Pouch.



1016

| 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

- 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 mm ² – 1 mm ²) | .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 |
| Journeyman™ Series – Dual-material handles | | | | |
| 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.

| 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 |

2006

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. | Crimps | Handle Color | Overall Length | Weight (lbs.) |
|----------|-------------|--------------|----------------|---------------|
| T1715 | 10 – 22 AWG | black | 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. | Crimps | Handle Color | Overall Length | Weight (lbs.) |
|----------|-------------|--------------|----------------|---------------|
| T1710 | 10 – 22 AWG | black | 9" (229 mm) | 1.05 |

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.



Cable & Bolt Cutters

Cable & Bolt Cutters

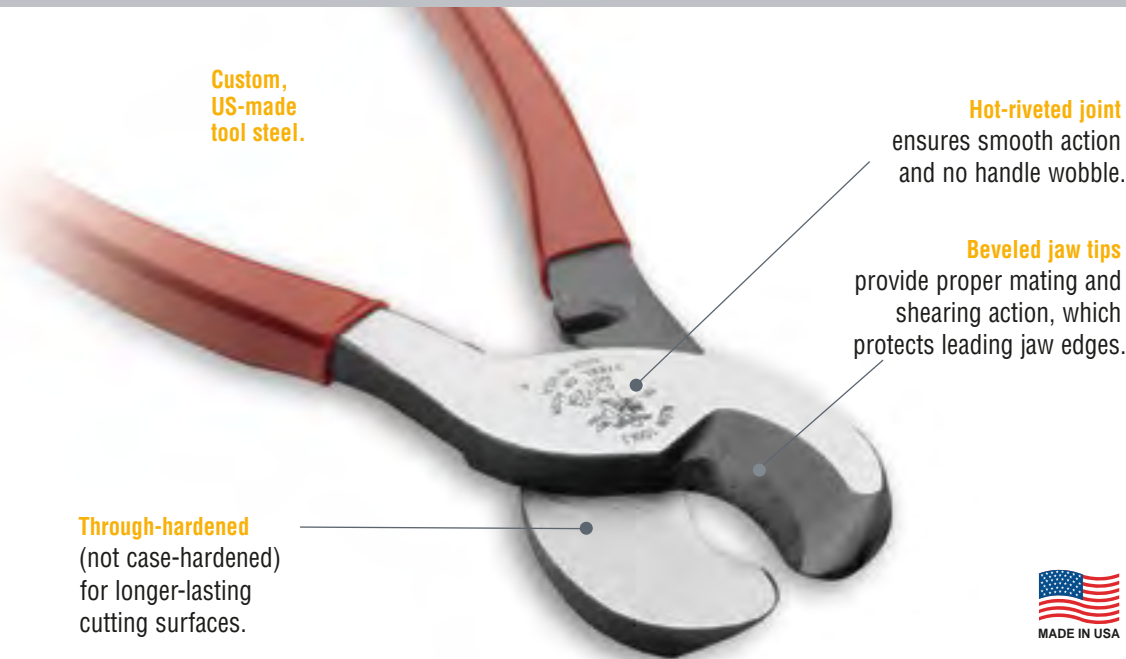
Klein exceeds the highest of standards to create superior cable and bolt cutters, offering greater cutting power, clean and precise cuts, as well as long life. Klein cable and bolt cutters are a cut above the rest.

For Professionals... Since 1857®



Cable Cutters

Features:



Custom, US-made tool steel.

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

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

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



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 |
|--|------------------|---------------|---|----------|
| 63050 | 9-1/2" (241 mm) | red | 4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications cable | .90 lbs. |
| Journeyman Series – Dual-material handles | | | | |
| J63050 | 9-9/16" (243 mm) | red and black | 4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications cable | .98 lbs. |

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 |
|----------|----------------|----------------|--------------|----------|
| 63020 | 7" (177 mm) | 6-32 & 8-32 | red | .44 lbs. |

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

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 blade 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 |
|----------|-----------------|-------------------------------------|--------------|----------|
| 63028 | 8-1/4" (216 mm) | .75" (19 mm) diameter | yellow | .80 lbs. |
| 63030 | 8-1/4" (216 mm) | 1" (25 mm) diameter | blue | .83 lbs. |

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 |
|----------|----------------|---|--------------|----------|
| 63055 | 8" (203 mm) | 24 AWG copper, aluminum multi-strand cable and wire, and 100-pair telephone cable | red | .65 lbs. |

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 |
|----------|-----------------|---------------|--------------|----------|
| 1104 | 7-5/8" (194 mm) | 7/8" (22 mm) | red | .60 lbs. |

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 |
|----------|-----------------|--|--------------|----------|
| 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 lbs. |

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.



63035

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

* Not designed for cutting steel or ACSR.

Wire Rope Cutter

- Shear type blades for square, clean cuts.
- All forged construction; USA Steel.
- Non-slip vinyl grips.
- Hinge bolt with pin-set nut for proper blade tension.
- Cuts wire up to 9/32" (7 mm) and Stoffel® container seals.



63035SC

| Cat. No. | Overall Length | Cuts | Maximum Cutting Capacity | Handle Color | Weight |
|----------|----------------|----------------|-----------------------------------|--------------|-----------|
| 63035SC | 18" (457 mm) | Stoffel Seals® | 9/32" (7 mm) wire rope and cables | red | 2.00 lbs. |

Stoffel® is a registered trademark of Stoffel Seals Corporation.

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.
- Includes rubber sleeves (Cat. No. 63041TH).



63041TH

| Cat. No. | Overall Length | Soft Cable-Cutting Maximum Capacity | MCM Cable-Cutting Maximum Capacity | Weight |
|----------|------------------|-------------------------------------|------------------------------------|-----------|
| 63041 | 25-1/2" (648 mm) | 1-3/8" (35 mm) diameter | 500 copper, 750 aluminum | 5.25 lbs. |
| 63041TH | 25-1/2" (648 mm) | 1-3/8" (35 mm) diameter | 500 copper, 750 aluminum | 5.25 lbs. |
| 63045 | 32" (813 mm) | 1-3/4" (44 mm) diameter | 1000 copper, 1200 aluminum | 8.00 lbs. |

Replacement Cable Cutter Heads (complete)

Fits Klein Cat. No.

| | | |
|-------|-------|-----------|
| 63081 | 63041 | 2.05 lbs. |
| 63090 | 63045 | 3.30 lbs. |

All dimensions are in inches and (millimeters).

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

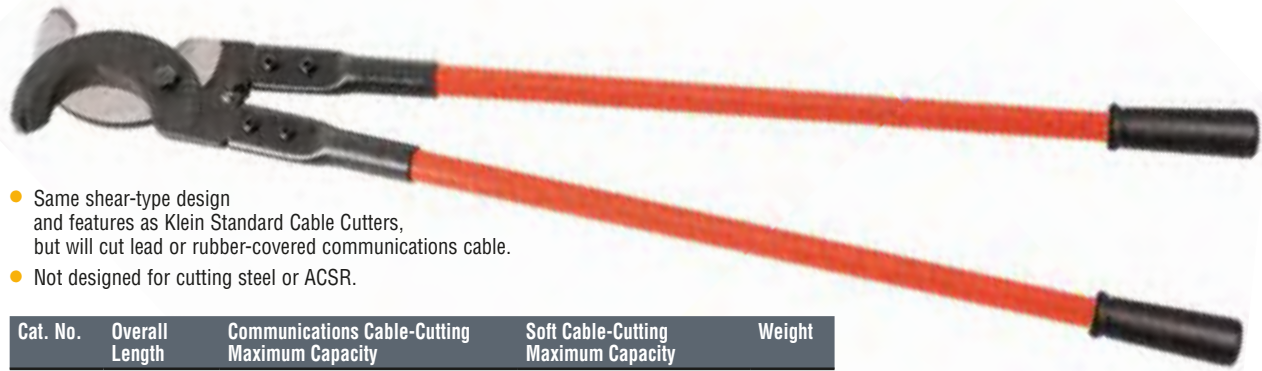
▲WARNING: Always wear approved eye protection.

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



Cable Cutters

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.

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

63047

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 lever 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.

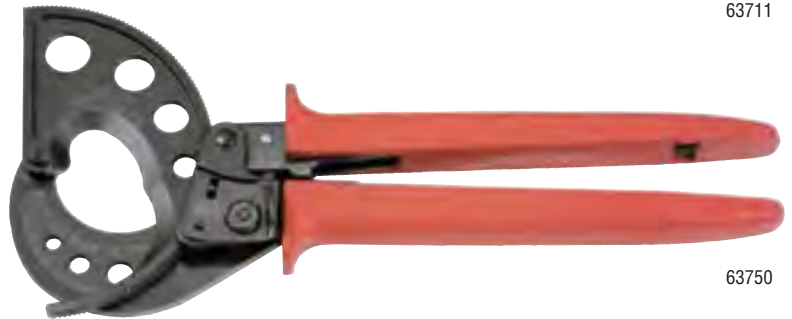


63060

NEW!



63711



63750

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

MCM Maximum Cable Capacity

| Cat. No. | Copper | Aluminum | ACSR | Communication Cable | Overall Length | Handle Color | Weight |
|----------|--|--|------|---------------------|------------------|--------------|-----------|
| 63060 | 400 MCM (185 mm ²) | 600 MCM (300 mm ²) | — | 1-1/8" (28 mm) | 10-1/4" (260 mm) | red | 1.32 lbs. |
| 63711 | 600 MCM (300 mm ²) | 750 MCM (400 mm ²) | — | 1-1/8" (28 mm) | 11-1/2" (292 mm) | red | 2.00 lbs. |
| 63750 | 1000 MCM (500 mm ²) Frequent Use: 750 MCM (400 mm ²) | 1000 MCM (500 mm ²) Frequent Use: 750 MCM (400 mm ²) | — | 2-1/16" (52 mm) | 12-1/8" (308 mm) | red | 1.76 lbs. |

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

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.
- Cleanly cuts 336 MCM Linnet ACSR and 2/0 triplex steel messenger cable (Cat. No. 63607).



63607



63800ACSR

MCM Maximum Cable Capacity

| Cat. No. | ACSR | Stranded Aluminum & Copper | Solid Copper | Guy Strand | Length | Handle Color | Weight |
|---|--------------------------------|--------------------------------|--------------------------------|--------------|------------------|--------------|-----------|
| 63607 | 336 MCM (170 mm ²) | 600 MCM (300 mm ²) | 400 MCM (185 mm ²) | — | 10-1/4" (260 mm) | yellow | 1.50 lbs. |
| 63800ACSR | 477 MCM (273 mm ²) | 1-1/4" (32 mm) | 1" (25 mm) | 1/2" (13 mm) | 13-3/4" (349 mm) | red | 3.20 lbs. |
| Replacement Cutting Inserts (with set of 6 screws) | | Fits Klein Cat. No. | | | | | |
| 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



- 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.

- Ratchet-action design provides maximum leverage with minimum effort for heavy-duty use.
- Cuts steel and ACSR.
- Forged, heat-treated, shear-type blades, plus plus 17" (432mm) long fiberglass handles with heavy duty grips for comfort and slip resistance.

63700

| Cat. No. | Overall Length | Soft Cable-Cutting Maximum Capacity | Communications Cable-Cutting Maximum Capacity | Weight |
|----------|----------------|-------------------------------------|--|------------|
| 63700 | 28" (711 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 (C.R.S. SOFT) 750 MCM (1-3/8" dia.) (35 mm) copper or aluminum | 14.00 lbs. |

Bolt Cutters

Bolt Cutters



- 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

| Cat. No. | Handle Type | Overall Length | Soft & Medium Cutting Max. Capacities* | Hard Material Cutting Max. Capacities** | Handle Color | Weight |
|--------------------------|-------------|------------------|--|---|--------------|------------|
| Steel Handle | | | | | | |
| 63314 | steel | 14" (356 mm) | 5/16" (8 mm) | 3/16" (5 mm) | red | 3.15 lbs. |
| 63318 | steel | 18" (457 mm) | 3/8" (10 mm) | 1/4" (6 mm) | red | 3.55 lbs. |
| 63324 | steel | 24" (610 mm) | 7/16" (11 mm) | 5/16" (8 mm) | red | 6.30 lbs. |
| 63330 | steel | 30" (762 mm) | 1/2" (13 mm) | 3/8" (10 mm) | red | 10.20 lbs. |
| 63336 | steel | 36" (914 mm) | 9/16" (14 mm) | 7/16" (11 mm) | red | 14.25 lbs. |
| 63342 | steel | 42" (1067 mm) | 11/16" (18 mm) | 1/2" (13 mm) | red | 19.20 lbs. |
| Fiberglass Handle | | | | | | |
| 63118 | fiberglass | 18-1/4" (464 mm) | 3/8" (10 mm) | 1/4" (6 mm) | red | 3.65 lbs. |
| 63124 | fiberglass | 24-1/2" (622 mm) | 7/16" (11 mm) | 5/16" (8 mm) | red | 6.13 lbs. |
| 63130 | fiberglass | 30-1/2" (775 mm) | 1/2" (13 mm) | 3/8" (10 mm) | red | 9.50 lbs. |
| 63136 | fiberglass | 36-1/2" (927 mm) | 9/16" (14 mm) | 7/16" (11 mm) | red | 12.95 lbs. |

Replacement Bolt Cutter Heads (complete)

| Cat. No. | Fits Cat. No. | Weight |
|----------|---------------|-----------|
| 63214 | 63314 | 1.00 lbs. |
| 63218 | 63118, 63318 | 1.25 lbs. |
| 63224 | 63124, 63324 | 2.10 lbs. |
| 63230 | 63130, 63330 | 3.40 lbs. |
| 63242 | 63342 | 5.95 lbs. |

Replacement Fiberglass Handle Sets

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

▲WARNING: NOT for cutting cable.

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

All dimensions are in inches and (millimeters).

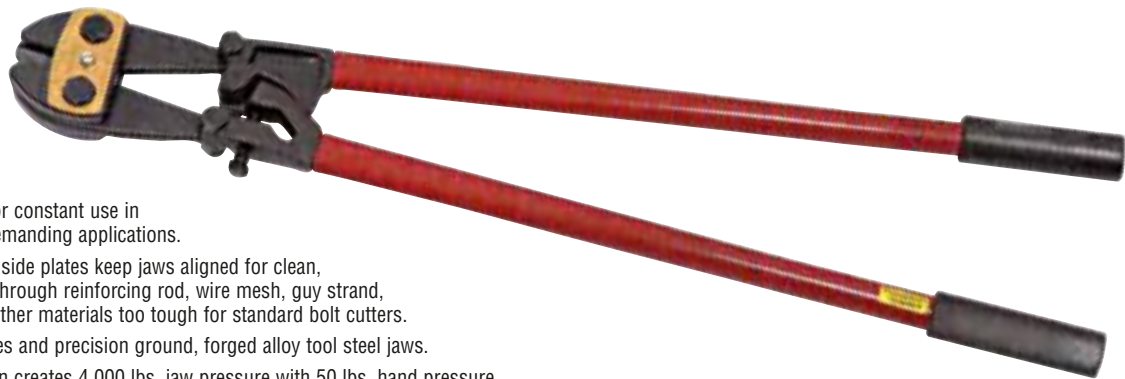
▲WARNING: Always wear approved eye protection.

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



Bolt Cutters

Bolt Cutters — Heavy-Duty



63536

- 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.

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

* Up to Brinell 300, Rockwell C31.

** Up to Brinell 400, Rockwell C42.

Replacement Bolt Cutter Heads (complete)

| Cat. No. | Fits Cat. No. | Weight |
|----------|---------------|-----------|
| 63636 | 63536 | 6.50 lbs. |
| 63642 | 63542 | 8.70 lbs. |

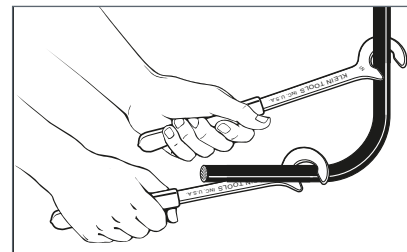
Cable Benders

- 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.



50400

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



All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



Insulated Tools



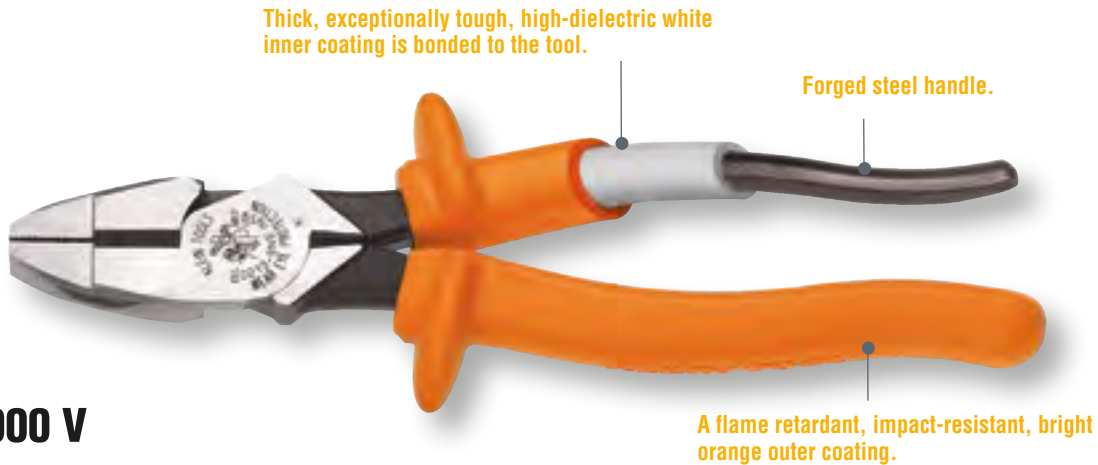
Insulated Tools

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

For Professionals... Since 1857®



Introduction – Insulated Tools – Classic



 **1000 V**

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

Insulated Pliers – Classic

Features:



 **1000 V**

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



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.

 **1000 V**

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

⚠WARNING: Do NOT 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 Pliers – Classic



Insulated High-Leverage Side-Cutting Pliers

Additional Features:

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



D213-9NE-INS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length |
|---|-------------|-----------------|------------------|-----------------|---------------|----------------|
| 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) |
| 2000 Series* – Heavy-duty cutting knives | | | | | | |
| 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) |

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

Insulated High-Leverage Side-Cutting Pliers – Connector Crimping

Additional Features:

- Crimping die behind hinge for superior leverage.



D213-9NECR-INS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length |
|----------------|-------------|-----------------|------------------|-----------------|---------------|----------------|
| 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 High-Leverage Universal Side-Cutting Pliers – Connector Crimping

Additional Features:

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



12098-INS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length |
|-----------|-----------|-----------------|------------------|-----------------|---------------|--------------|
| 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 High-Leverage Diagonal-Cutting Pliers

Additional Features:

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



D228-8-INS

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives |
|---|-----------------|----------------|-----------------|---------------|----------------|
| D228-8-INS | 8-1/4" (210 mm) | 13/16" (21 mm) | 1-3/16" (30 mm) | 7/16" (11 mm) | standard |
| 2000 Series* – Heavy-duty cutting knives | | | | | |
| D2000-28-INS | 8-1/4" (210 mm) | 13/16" (21 mm) | 1-3/16" (30 mm) | 7/16" (11 mm) | standard |

*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: 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 Pliers – Classic

 1000 V

Insulated High-Leverage Diagonal-Cutting Pliers – Angled Head

Additional Features:

- 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 |
|---|-----------------|----------------|-----------------|---------------|----------------|
| D248-8-INS | 8-1/4" (210 mm) | 13/16" (21 mm) | 1-3/16" (30 mm) | 7/16" (11 mm) | standard |
| 2000 Series* – Heavy-duty cutting knives | | | | | |
| D2000-48-INS | 8-1/4" (210 mm) | 13/16" (21 mm) | 1-3/16" (30 mm) | 7/16" (11 mm) | standard |

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

Insulated Heavy-Duty Diagonal-Cutting Pliers – Tapered Nose

Additional Features:

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



D220-7-INS

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives |
|------------|-----------------|------------|----------------|---------------|----------------|
| D220-7-INS | 7-7/8" (200 mm) | 1" (25 mm) | 31/32" (25 mm) | 1/2" (13 mm) | standard |

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

Additional Features:

- 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 |
|-------------|-----------------|-----------------|------------|---------------|--------------|-----------------|
| 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) |
| 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) |

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.



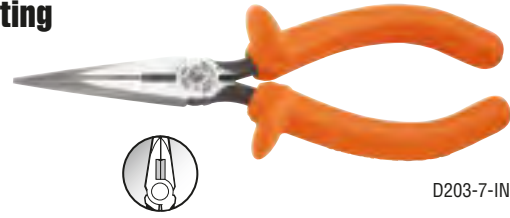
Insulated Pliers – Classic

 1000 V

Insulated Standard Long-Nose Pliers – Side-Cutting

Additional Features:

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



D203-7-INS

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Point Thickness |
|------------|-----------------|------------------|----------------|---------------|--------------|-----------------|
| 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) |
| 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 Pump Pliers

Additional Features:

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



D502-10-INS

| Cat. No. | Overall Length | Max. Jaw Capacity |
|-------------|------------------|-------------------|
| D502-10-INS | 10-1/4" (260 mm) | 1-3/4" (44 mm) |

Insulated Crimping/Cutting Tool – Classic

Insulated Crimping/Cutting Tool

Additional Features:

- 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.



1005-INS

| Cat. No. | Overall Length | Crimps |
|----------|-----------------|--------------|
| 1005-INS | 9-3/4" (248 mm) | 10 to 22 AWG |

Insulated Cable Cutter – Classic

Insulated High-Leverage Cable Cutter

Additional Features:

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



63050-INS

| Cat. No. | Overall Length | Cuts Up to |
|-----------|-----------------|---|
| 63050-INS | 9-5/8" (245 mm) | 4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications cable |

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

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 Stripper/Cutters – Classic

 1000 V

Insulated Wire Stripper/Cutter

Additional Features:

- Cuts, strips, loops and gauges 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 |
|-----------|----------------|---|--------------|
| 11045-INS | 7" (178 mm) | 10, 12, 14, 16, 18 solid AWG (4.0 mm ² , 2.5 mm ² , 1.5 mm ² , 1.0 mm ² , 0.75 mm ²) | orange |
| 11049-INS | 7" (178 mm) | 8, 10, 12, 14, 16 stranded AWG (6.0 mm ² , 4.0 mm ² , 2.5 mm ² , 1.5 mm ² , 1.0 mm ²) | orange |

Insulated Wire Stripper/Cutter **KLEIN-KURVE**

Additional Features:

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



SOLID **STRANDED**

11055-INS

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

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.

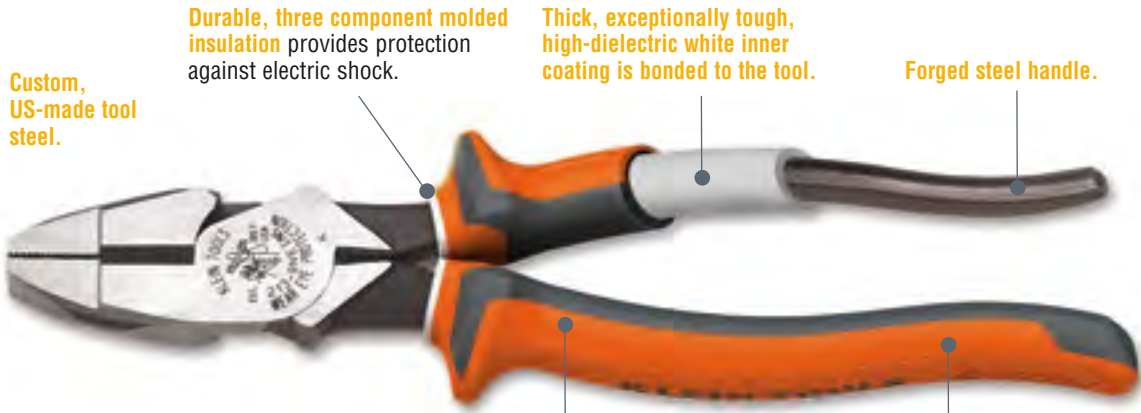
⚠ WARNING: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



Introduction – Electrician’s Insulated Pliers

NEW!

1000 V



Custom, US-made tool steel.

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

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

Forged steel handle.

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

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

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



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

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



Electrician's Insulated Pliers

Electrician's Insulated High-Leverage Side-Cutting Pliers



213-9NE-EINS

Additional Features:

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

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length |
|---|-------------|-------------------|------------------|-----------------|---------------|----------------|
| 213-8NE-EINS | New England | 8-13/16" (224 mm) | 1-7/16" (37 mm) | 1-7/64" (28 mm) | 5/8" (16 mm) | 3/4" (19 mm) |
| 213-9NE-EINS | 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) |
| 2000 Series* – Heavy-duty cutting knives | | | | | | |
| 2000-9NE-EINS | 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) |

*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.



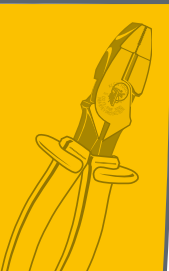
▲WARNING: Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

▲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.



Electrician's Insulated Pliers

NEW!

1000 V

Electrician's Insulated Combination Pliers

Additional Features:

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



12098-EINS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length |
|------------|-----------|-----------------|------------------|-----------------|---------------|--------------|
| 12098-EINS | Universal | 8-7/8" (225 mm) | 1-25/32" (45 mm) | 1-1/32" (26 mm) | 1/2" (13 mm) | 3/4" (19 mm) |

Electrician's Insulated High-Leverage Diagonal Cutting Pliers

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.
- Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.



2000-28-EINS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length |
|--------------|-----------|-----------------|----------------|-----------------|---------------|--------------|
| 2000-28-EINS | tapered | 8-1/4" (210 mm) | 13/16" (21 mm) | 1-3/16" (30 mm) | 7/16" (11 mm) | standard |

Electrician's Insulated High-Leverage Diagonal Cutting Pliers – Angled Head

Additional Features:

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



2000-48-EINS

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives |
|--------------|-----------------|----------------|-----------------|---------------|----------------|
| 2000-48-EINS | 8-1/4" (210 mm) | 13/16" (21 mm) | 1-3/16" (30 mm) | 7/16" (11 mm) | standard |

Electrician's Insulated Cable Cutter

Electrician's Insulated High-Leverage Cable Cutter

- High-leverage design for exceptional cutting capability.
- Cable-gripping shear-type jaws.
- Precision, one-hand shearing action.
- Perfect for working in confined spaces.

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



63050-EINS

| Cat.No. | Overall Length | Cuts Up to |
|------------|-----------------|---|
| 63050-EINS | 9-5/8" (245 mm) | 4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications cable |

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 Tools



Electrician's Insulated Pliers

NEW!  1000 V

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

Additional Features:

- Induction hardened cutting knives for long life.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.
- Extended handles provide added reach and leverage.



203-7-EINS



203-8N-EINS

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Point Thickness |
|------------|-----------------|------------------|----------------|---------------|--------------|-----------------|
| 203-6-EINS | 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) |
| 203-7-EINS | 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) |
| 203-8-EINS | 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) |

Electrician's Insulated Tongue & Groove Pliers

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



502-10-EINS

| Cat. No. | Overall Length | Max. Jaw Capacity |
|-------------|------------------|-------------------|
| 502-10-EINS | 10-1/4" (260 mm) | 1-3/4" (44 mm) |

Electrician's Insulated Stripper/Cutters

Electrician's Insulated Solid & Stranded Stripper

Additional Features:

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



SOLID
8-16 AWG

STRANDED
10-16 AWG

11054-EINS

| Cat. No. | Overall Length | Strips and Cuts |
|------------|----------------|---|
| 11054-EINS | 8" (203 mm) | 8 – 16 AWG solid (8.4 mm ² – 1.3 mm ²) & 10 – 18 AWG stranded (5.3 mm ² – .82 mm ²) |

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

Features:



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



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

Cushion-Grip handles for greater torque and comfort.

Custom, US-made tool steel.

Durable, two layer, molded insulation.

Patented Tip-Ident® quickly identifies nut driver size.

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

Bright orange outer coating is flame and impact resistant.



Insulated Screwdrivers

Insulated Phillips-Tip – Round-Shank Screwdrivers

Additional Features:

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



603-7-INS



661-7-INS

| Cat. No. | Point Size | Shank Length | Overall Length |
|---------------------------------|----------------|--------------|-------------------|
| ⊕ Insulated Phillips Tip | | | |
| 633-4-INS | #1 | 4" (102 mm) | 7-3/4" (197 mm) |
| 603-4-INS | #2 | 4" (102 mm) | 8-5/16" (212 mm) |
| 603-7-INS | #2 | 7" (178 mm) | 11-5/16" (288 mm) |
| 633-7-INS | #3 | 7" (178 mm) | 12-3/8" (315 mm) |
| ● Insulated Cabinet Tip | | | |
| 607-3-INS | 3/32" (2.4 mm) | 3" (76 mm) | 6-3/4" (171 mm) |
| 612-4-INS | 1/8" (6 mm) | 4" (102 mm) | 7-3/4" (197 mm) |
| 601-4-INS | 3/16" (5 mm) | 4" (102 mm) | 7-3/4" (197 mm) |
| 601-7-INS | 3/16" (5 mm) | 7" (178 mm) | 10-3/4" (273 mm) |
| 602-4-INS | 1/4" (6 mm) | 4" (102 mm) | 8-5/16" (212 mm) |
| 605-7-INS | 1/4" (6 mm) | 7" (178 mm) | 11-5/16" (288 mm) |
| 602-7-INS | 5/16" (8 mm) | 7" (178 mm) | 12-3/8" (315 mm) |
| 602-8-INS | 3/8" (9.5 mm) | 8" (204 mm) | 13-3/8" (340 mm) |

| Cat. No. | Point Size | Shank Length | Overall Length |
|--------------------------------------|------------|--------------|-------------------------------|
| ⊖ Insulated Square-Recess Tip | | | |
| 661-4-INS | #1 | 4" (102 mm) | 8-5/16" (212 mm) |
| 661-7-INS | #1 | 7" (178 mm) | 11-5/16" (288 mm) NEW! |
| 662-4-INS | #2 | 4" (102 mm) | 8-5/16" (212 mm) |
| 662-7-INS | #2 | 7" (178 mm) | 11-5/16" (288 mm) NEW! |

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 Screwdriver Sets



2-Piece Insulated 4" Screwdriver Set

Additional Features:

- Includes one 1/4" cabinet tip and one #2 Phillips tip.



33532-INS

| Cat. No. | Set Contains |
|-----------|--------------|
| 33532-INS | |

| Cat. No. | Description | Shank Tip Width | Shank Length | Overall Length |
|-----------|--------------------------------------|-----------------|--------------|------------------|
| 602-4-INS | round-shank, cabinet-tip | 1/4" (6 mm) | 4" (102 mm) | 8-5/16" (211 mm) |
| 603-4-INS | round-shank, profilated Phillips-tip | #2 | 4" (102 mm) | 8-5/16" (211 mm) |

Insulated Nut Drivers

6" Insulated Hollow-Shaft Nut Drivers

Additional Features:

- Slimmer molded insulation with increased durability.
- Hollow shafts make it possible to work on stacked circuit boards or other long bolt applications.



646-5/8-INS

| Cat. No. | Color Code | Hex Size | Overall Length |
|---------------|------------|----------|-------------------|
| 646-3/16-INS | black | 3/16" | 9-3/4" (248 mm) |
| 646-1/4-INS | red | 1/4" | 9-3/4" (248 mm) |
| 646-5/16-INS | yellow | 5/16" | 9-3/4" (248 mm) |
| 646-11/32-INS | green | 11/32" | 9-3/4" (248 mm) |
| 646-3/8-INS | blue | 3/8" | 10-5/16" (262 mm) |

| Cat. No. | Color Code | Hex Size | Overall Length |
|--------------|------------|----------|-------------------|
| 646-7/16-INS | brown | 7/16" | 10-5/16" (262 mm) |
| 646-1/2-INS | red | 1/2" | 11-3/8" (289 mm) |
| 646-9/16-INS | orange | 9/16" | 11-3/8" (289 mm) |
| 646-5/8-INS | yellow | 5/8" | 11-3/8" (289 mm) |

Insulated Skinning Knife

Insulated Lineman's Skinning Knife

Additional Features:

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



1571-INS

| Cat. No. | Blade Length | Handle Color | Overall Length |
|----------|----------------|--------------|-----------------|
| 1571-INS | 2 3/8" (60 mm) | orange | 8-3/4" (223 mm) |

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.



General-Purpose Insulated 22-Piece Tool Kit

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



33527

| Cat. No. | Kit Contains | Weight |
|----------|--------------|--------------------|
| 33527 | | 24.30 lbs. (11 kg) |

| Cat. No. | Description |
|---------------|--|
| D2000-9NE-INS | insulated side-cutting pliers |
| 12098-INS | insulated universal side-cutting pliers |
| D2000-28-INS | insulated diagonal-cutting pliers |
| D2000-48-INS | insulated diagonal-cutting pliers – angled head |
| D203-8N-INS | insulated heavy-duty long-nose pliers – side-cutting |
| D220-7-INS | insulated diagonal-cutting pliers – tapered nose |
| D203-6-INS | insulated long-nose pliers – side-cutting |
| D203-7-INS | insulated long-nose pliers – side-cutting |
| 601-4-INS | insulated cabinet-tip – round-shank screwdriver (3/16" x 4") |
| 601-7-INS | insulated cabinet-tip – round-shank screwdriver (3/16" x 7") |
| 612-4-INS | insulated cabinet-tip – round-shank screwdriver (1/8" x 4") |
| 602-4-INS | insulated cabinet-tip – round-shank screwdriver (1/4" x 4") |
| 602-7-INS | insulated cabinet-tip – round-shank screwdriver (5/16" x 7") |
| 602-8-INS | insulated cabinet-tip – round-shank screwdriver (3/8" x 8") |
| 633-4-INS | insulated Phillips-tip – round-shank screwdriver (#1 x 4") |
| 603-4-INS | insulated Phillips-tip – round-shank screwdriver (#2 x 4") |
| 633-7-INS | insulated Phillips-tip – round-shank screwdriver (#3 x 7") |
| D502-10-INS | insulated pump pliers |
| 11045-INS | insulated wire stripper/cutter |
| 63050-INS | insulated high-leverage cable cutter |
| 1571-INS | insulated lineman's skinning knife |
| 1005-INS | insulated crimping/cutting tool |
| 33537 | extra-sturdy, bright-yellow case |

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.



Utility Insulated 13-Piece Tool Kit

- The custom case includes two pallets with custom-fitted pockets for each tool, piano-hinged case cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items.
- Inside dimensions: 17-3/4" W x 14-1/4" D x 8" H (451 mm x 362 mm x 203 mm).
- Overall dimensions: 18-7/8" W x 15-3/8" D x 8-1/4" H (479 mm x 391 mm x 210 mm).
- Replacement case (Cat. No. 33535) available.



33525

| Cat. No. | Kit Contains | Weight |
|----------|--------------|-------------------|
| 33525 | | 20.05 lbs. (9 kg) |

| 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 cabinet-tip – round-shank screwdriver (1/4" x 4") |
| 602-7-INS | insulated cabinet-tip – round-shank screwdriver (5/16" x 7") |
| 602-8-INS | insulated cabinet-tip – round-shank screwdriver (3/8" x 8") |
| 633-4-INS | insulated Phillips-tip – round-shank screwdriver (#1 x 4") |

| Cat. No. | Description |
|-------------|--|
| 603-4-INS | insulated Phillips-tip – round-shank screwdriver (#2 x 4") |
| 633-7-INS | insulated Phillips-tip – round-shank screwdriver (#3 x 7") |
| 63050-INS | insulated high-leverage cable cutter |
| D502-10-INS | insulated pump pliers |
| 1571-INS | insulated lineman's skinning knife |
| 33535 | extra-sturdy, bright-yellow case |

Utility Insulated 13-Piece Tool Kit

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



33525SC

| Cat. No. | Kit Contains | Weight |
|----------|--------------|--------------------|
| 33525SC | | 9.75 lbs. (4.4 kg) |

| 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 cabinet-tip – round-shank screwdriver (1/4" x 4") |
| 602-7-INS | insulated cabinet-tip – round-shank screwdriver (5/16" x 7") |
| 602-8-INS | insulated cabinet-tip – round-shank screwdriver (3/8" x 8") |
| 633-4-INS | insulated Phillips-tip – round-shank screwdriver (#1 x 4") |

| Cat. No. | Description |
|-------------|--|
| 603-4-INS | insulated Phillips-tip – round-shank screwdriver (#2 x 4") |
| 633-7-INS | insulated Phillips-tip – round-shank screwdriver (#3 x 7") |
| 63050-INS | insulated high-leverage cable cutter |
| D502-10-INS | insulated pump pliers |
| 1571-INS | insulated lineman's skinning knife |
| 33535SC | roll-up soft case with shoulder strap |

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 8-Piece Tool Kits

- 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).
- Replacement case (Cat. No. 33536) available.



33529

See individual tool listings for more details.

Premium Insulated 8-Piece Tool Kit

| Cat. No. | Kit Contains | Weight |
|---------------|--|------------------|
| 33529 | | 6.90 lbs. (3 kg) |
| 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 | |
| 601-4-INS | insulated cabinet-tip – round-shank screwdriver (3/16" x 4") | |
| 602-4-INS | insulated cabinet-tip – round-shank screwdriver (1/4" x 4") | |
| 603-4-INS | insulated Phillips-tip – round-shank screwdriver (#2 x 4") | |
| 63050-INS | insulated high-leverage cable cutter | |
| 11055-INS | insulated wire stripper/cutter | |
| 33536 | heavy-duty polyester case | |

Basic Insulated 8-Piece Tool Kit

| Cat. No. | Kit Contains | Weight |
|--------------|--|------------------|
| 33526 | | 6.90 lbs. (3 kg) |
| 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 | |
| 601-4-INS | insulated cabinet-tip – round-shank screwdriver (3/16" x 4") | |
| 602-4-INS | insulated cabinet-tip – round-shank screwdriver (1/4" x 4") | |
| 603-4-INS | insulated Phillips-tip – round-shank screwdriver (#2 x 4") | |
| 63050-INS | insulated high-leverage cable cutter | |
| 11045-INS | insulated wire stripper/cutter | |
| 33536 | heavy-duty polyester case | |

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.



9-Piece Insulated Screwdriver Kit

- Nine-piece insulated screwdriver assortment with three sizes of each tip style: cabinet, keystone, and Phillips.
- 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 dimensions: 5-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm)
- Replacement case (Cat. No. 33538) available.

See individual tool listings for more details.

| Cat. No. | Kit Contains | Weight |
|----------|--------------|--------------------|
| 33528 | | 5.40 lbs. (2.4 kg) |

| Cat. No. | Description |
|-----------|--|
| 601-4-INS | insulated cabinet-tip – round-shank screwdriver (3/16" x 4") |
| 601-7-INS | insulated cabinet-tip – round-shank screwdriver (3/16" x 7") |
| 612-4-INS | insulated cabinet-tip – round-shank screwdriver (1/8" x 4") |
| 602-4-INS | insulated cabinet-tip – round-shank screwdriver (1/4" x 4") |
| 602-7-INS | insulated cabinet-tip – round-shank screwdriver (5/16" x 7") |
| 602-8-INS | insulated cabinet-tip – round-shank screwdriver (3/8" x 8") |
| 633-4-INS | insulated Phillips-tip – round-shank screwdriver (#1 x 4") |
| 603-4-INS | insulated Phillips-tip – round-shank screwdriver (#2 x 4") |
| 633-7-INS | insulated Phillips-tip – round-shank screwdriver (#3 x 7") |
| 33538 | heavy-duty polyester case |



33528

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" L x 3-1/2" D (381 mm x 324 mm x 89 mm).
- Replacement case available Cat. No. 33534.

See individual tool listings for more details.

| Cat. No. | Kit Contains | Weight |
|----------|--------------|--------------------|
| 33524 | | 6.00 lbs. (2.7 kg) |

| 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 |



33524

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.



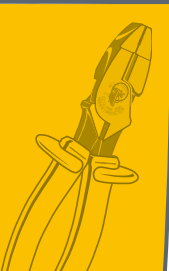
▲WARNING: Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

▲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.



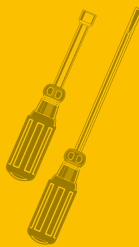
Screwdrivers, Nut Drivers & Accessories

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.

FOR Professionals... Since 1857®



Screwdrivers, Nut Drivers & Accessories

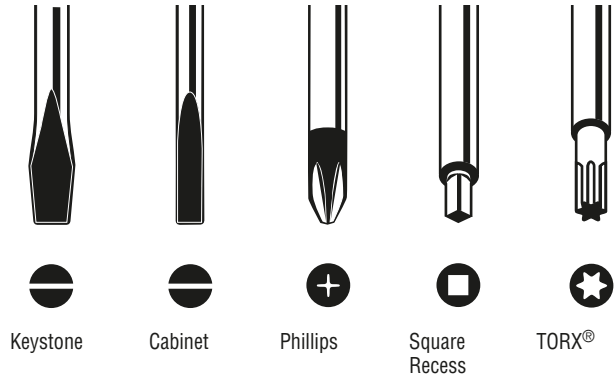


Introduction – Screwdrivers, Nut Drivers & Accessories

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. Here are a few tips on how to use a driver that can be of benefit, because screwdrivers are the most often misused and abused hand tools of all.

- 1. Never use a driver to do another tool's job.** Using a driver as a pry bar, scraper, or a chisel can ruin the tool, spoil the work and cause injury.
- 2. Never push a driver beyond its capacity.** Make a pilot hole for the screw for easier driving. Use square-shank drivers for heavy work.
- 3. Never expose a driver to excessive heat.** Direct flame can draw the temper from the metal, weakening and possibly warping it, making it unsafe and inefficient to use.

4. Never use a driver at an angle to the screw. Always keep the shank perpendicular to the screw head. Driving at an angle or using a point that is too small can spoil the screw or slip and damage the work.

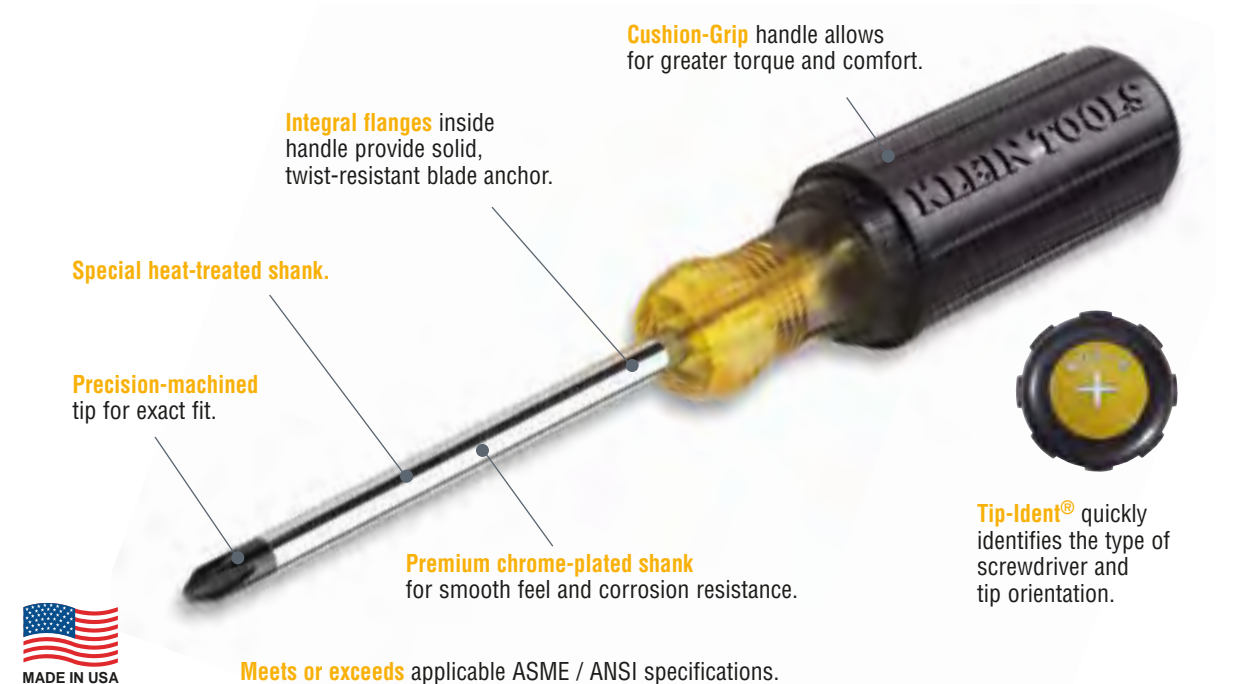
5. Never depend on a driver's handle or covered blade to insulate you from electricity. Plastic and Cushion-Grip handles are intended only to provide a firm, comfortable grip. Insulated blades are intended only as a protective measure against shorting out components. Only use insulated tools that are marked with the official international 1000-volt rating symbol if there is any chance that the tool will make contact with an energized source.

6. Discard damaged or worn drivers.

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

Cushion-Grip Screwdriver Sets

Features:

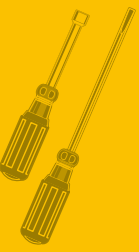


All dimensions are in inches and (millimeters).

⚠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

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, #2 Phillips-tip | 1-1/2" (38 mm) | 3-7/16" (87 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, #2 Phillips-tip | 1-1/2" (38 mm) | 3-7/16" (87 mm) |
| 603-3 | round-shank, #1 Phillips-tip | 3" (76 mm) | 6-3/4" (171 mm) |
| 603-4 | round-shank, #2 Phillips-tip | 4" (102 mm) | 8-5/16" (211 mm) |
| 603-6 | round-shank, #3 Phillips-tip | 6" (152 mm) | 11" (279 mm) |

* Heavy-duty models



85078

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, #1 Phillips-tip | 3" (76 mm) | 6-3/4" (171 mm) |
| 603-4 | round-shank, #2 Phillips-tip | 4" (102 mm) | 8-5/16" (211 mm) |

* Heavy-duty models



85076

7-Piece Multiple-Application Screwdriver Set

Additional Features:

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

| Cat. No. | Set Contains | Weight (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, #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



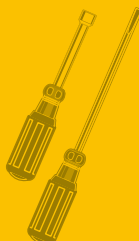
85077

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 Screwdriver Sets

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, #1 Phillips-tip | 3" (76 mm) | 6-3/4" (171 mm) |
| 603-4 | round-shank, #2 Phillips-tip | 4" (102 mm) | 8-5/16" (211 mm) |
| 603-6 | round-shank, #3 Phillips-tip | 6" (152 mm) | 11" (279 mm) |

* Heavy-duty models



85074

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, #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



85075

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.

| Cat. No. | Set Contains | Weight (lbs.) |
|----------|--------------|---------------|
| 85105 | | 1.50 |

| Cat. No. | Description | Blade Length | Overall Length |
|----------|------------------------------|--------------|--------------------|
| 603-4 | round-shank, #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) |

* Heavy-duty models



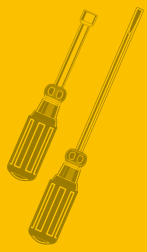
85105

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

Electronics Screwdrivers

- Rotating cap for optimum and precise control.
- Klein Cushion-Grip handle for maximum comfort when working on small equipment.
- Professional custom carrying case included in set.
- Screwdrivers sold individually and in set (Cat. No. 85614).

| Cat. No. | Set Contains | Weight | |
|----------|---------------|---------------------|-----------------|
| 85614 | | .80 lbs. (0.36 kg.) | |
| Cat. No. | Description | Blade Length | Overall Length |
| 614-2 | 1/16" Slotted | 2" (51 mm) | 5-1/2" (140 mm) |
| 613-3 | #0 Phillips | 3" (76 mm) | 6-1/2" (165 mm) |
| 614-3 | 3/32" Slotted | 3" (76 mm) | 6-1/2" (165 mm) |
| 614-4 | 1/8" Slotted | 4" (102 mm) | 7-1/2" (191 mm) |
| 614-6 | 1/8" Slotted | 6" (152 mm) | 9-1/2" (241 mm) |



85614

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 | Tip Size | Shank Length | Overall Length |
| 604-3 | Phillips-tip | #0 | 3" (76 mm) | 5-3/4" (146 mm) |
| 606-2 | keystone-tip | 1/16" (1.6 mm) | 2" (51 mm) | 4-3/4" (121 mm) |
| 607-3 | cabinet-tip | 3/32" (2.4 mm) | 3" (76 mm) | 5-3/4" (146 mm) |
| 608-3 | cabinet-tip | 1/8" (3.2 mm) | 3" (76 mm) | 5-3/4" (146 mm) |



85484

5-Piece TORX® Cushion-Grip Screwdriver Set

Additional Features:

- TORX® drive systems transmit more torque to the work and reduce slippage, saving fasteners.
- Chrome-plated shafts resist corrosion.

| 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

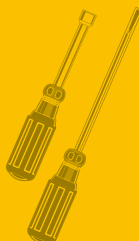
TORX® is a registered trademark of Acument Intellectual Properties, LLC.

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.

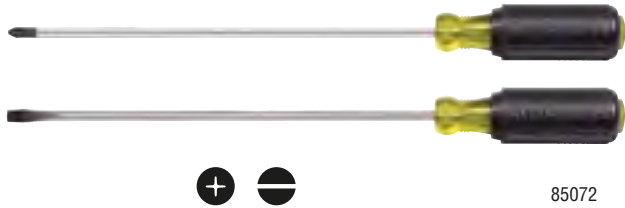


Cushion-Grip Screwdriver Sets

2-Piece 10" Long Blade Screwdriver Set

Additional Features:

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



85072

| Cat. No. | Set Contains | Weight (lbs.) | | |
|----------|--------------------------------------|----------------|--------------|-------------------|
| 85072 | | .70 | | |
| Cat. No. | Description | Shank Tip Size | Shank Length | Overall Length |
| 603-10 | round-shank, profilated Phillips-tip | #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) |

4-Piece Square Recess Cushion-Grip Screwdriver Set

Additional Features:

- Round shank with square-recess tip.
- Chrome-plated shank for corrosion resistance.
- Works on most combination head receptacle, switch and panel screws.



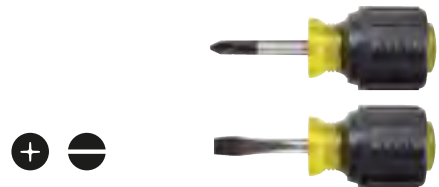
85664

| Cat. No. | Set Contains | Weight (lbs.) | | |
|----------|--------------|---------------|--------------|------------------|
| 85664 | | 1.50 | | |
| Cat. No. | Point Size | Color Code | Shank Length | Overall Length |
| 660 | #0 | yellow | 4" (102 mm) | 7-3/4" (197 mm) |
| 661 | #1 | green | 4" (102 mm) | 7-3/4" (197 mm) |
| 662 | #2 | red | 4" (102 mm) | 8-5/16" (211 mm) |
| 663 | #3 | black | 4" (102 mm) | 8-5/16" (211 mm) |

2-Piece Stubby Cushion-Grip Screwdriver Set

Additional Feature:

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



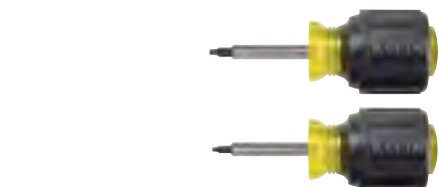
85071

| 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, #2 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

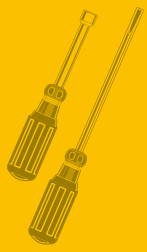
| Cat. No. | Set Contains | Weight (lbs.) | |
|----------|-----------------------------------|----------------|-----------------|
| 85155 | | .30 | |
| Cat. No. | Description | Shank Length | Overall Length |
| 668 | round-shank, #1 square-recess tip | 1-1/2" (38 mm) | 3-7/16" (87 mm) |
| 669 | round-shank, #2 square-recess tip | 1-1/2" (38 mm) | 3-7/16" (87 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.



Cushion-Grip Screwdrivers

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. | Tip Size | 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 |

| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|--------------|--------------|-------------------|---------------|
| 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 |

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. | Tip Size | 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 |

| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|--------------|--------------|-------------------|---------------|
| 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 |

* Bolster not available on Cat. No. 600-1
Refer to the Insulated Tools section for insulated screwdrivers.

Cabinet-Tip Screwdrivers – Round-Shanks

Additional Feature:

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



| Cat. No. | Tip Size | 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 |

| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|--------------------------|-------------|--------------|--------------------|---------------|
| Heavy-Duty Shanks | | | | |
| 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.



| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|----------|----------------|------------------|---------------|
| 603-1 | #2 | 1-1/2" (38 mm) | 3-7/16" (87 mm) | .10 |
| 603-3 | #1 | 3" (76 mm) | 6-3/4" (171 mm) | .15 |
| 603-4 | #2 | 4" (102 mm) | 8-5/16" (211 mm) | .25 |
| 603-6 | #3 | 6" (152 mm) | 11" (279 mm) | .35 |

| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|----------|--------------|-------------------|---------------|
| 603-7 | #2 | 7" (178 mm) | 11-5/16" (287 mm) | .30 |
| 603-10 | #2 | 10" (254 mm) | 14-5/16" (364 mm) | .35 |

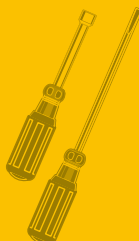
Refer to the insulated section for insulated screwdrivers.

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

Electronics Screwdrivers

Additional Feature:

- Rotating cap for optimum and precise control.



614-6

| Cat No. | Tip Type | Tip Size | Shank Length | Overall Length |
|---------|----------|----------|--------------|-----------------|
| 614-2 | Slotted | 1/16" | 2" (51 mm) | 5-1/2" (140 mm) |
| 613-3 | Phillips | #0 | 3" (76 mm) | 6-1/2" (165 mm) |
| 614-3 | Slotted | 3/32" | 3" (76 mm) | 6-1/2" (165 mm) |
| 614-4 | Slotted | 1/8" | 4" (102 mm) | 7-1/2" (191 mm) |
| 614-6 | Slotted | 1/8" | 6" (152 mm) | 9-1/2" (241 mm) |

Miniature Screwdrivers

Additional Feature:

- Precision tip for exact fit and rigorous applications.



608-6

| Cat No. | Tip Type | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|---------|--------------|----------------|--------------|-----------------|---------------|
| 604-3 | Phillips-tip | #0 | 3" (76 mm) | 5-3/4" (146 mm) | .04 |
| 606-2 | keystone-tip | 1/16" (1.6 mm) | 2" (51 mm) | 4-3/4" (121 mm) | .03 |
| 607-2 | cabinet-tip | 3/32" (2.4 mm) | 2" (51 mm) | 4-3/4" (121 mm) | .03 |
| 607-3 | cabinet-tip | 3/32" (2.4 mm) | 3" (76 mm) | 5-3/4" (146 mm) | .04 |
| 607-4 | cabinet-tip | 3/32" (2.4 mm) | 4" (102 mm) | 6-3/4" (171 mm) | .04 |
| 608-2 | cabinet-tip | 1/8" (3.2 mm) | 2" (51 mm) | 4-3/4" (121 mm) | .03 |

| Cat No. | Tip Type | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|---------|-------------|---------------|--------------|------------------|---------------|
| 608-3 | cabinet-tip | 1/8" (3.2 mm) | 3" (76 mm) | 5-3/4" (146 mm) | .04 |
| 608-4 | cabinet-tip | 1/8" (3.2 mm) | 4" (102 mm) | 6-3/4" (171 mm) | .05 |
| 608-6 | cabinet-tip | 1/8" (3.2 mm) | 6" (152 mm) | 8-3/4" (222 mm) | .05 |
| 608-8 | cabinet-tip | 1/8" (3.2 mm) | 8" (203 mm) | 10-3/4" (273 mm) | .05 |
| 608-10 | cabinet-tip | 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.



620-4

| Cat. No. | Tip Size | 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 |

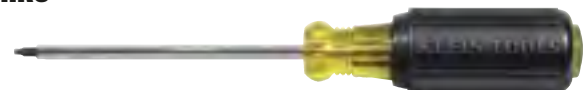
| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|--------------|--------------|--------------------|---------------|
| 620-4 | 1/4" (6 mm) | 4" (102 mm) | 8-11/32" (212 mm) | .20 |
| 620-6 | 5/16" (8 mm) | 6" (152 mm) | 10-15/16" (278 mm) | .40 |
| 620-8 | 3/8" (10 mm) | 8" (203 mm) | 13-7/16" (341 mm) | .60 |

Heavy-Duty Shanks

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.



660

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

| Cat. No. | Tip Size | Color Code | Shank Length | Overall Length | Weight (lbs.) |
|----------|----------|------------|--------------|------------------|---------------|
| 666 | #2 | red | 8" (203 mm) | 12-1/4" (311 mm) | .40 |
| 667 | #3 | black | 8" (203 mm) | 12-1/4" (311 mm) | .40 |

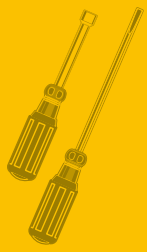
Refer to the insulated section for insulated screwdrivers.

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.

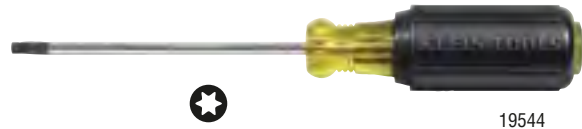


Cushion-Grip Screwdrivers

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 |

| Cat. No. | TORX® Size | Color Code | Shank Length | Overall Length | Weight (lbs.) |
|----------|------------|------------|--------------|------------------|---------------|
| 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.

Rapi-Driv® Screwdrivers

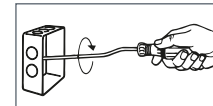
Rapi-Driv® Screwdrivers

Additional Features:

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



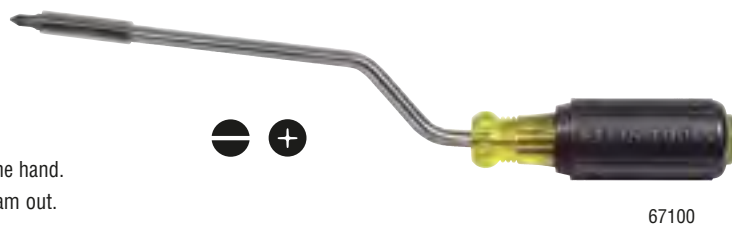
| Cat. No. | Tip Type | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|----------|--------------------------|--------------|-----------------|---------------|
| 670-3 | | cabinet-tip 3/16" (5 mm) | 4" (102 mm) | 7-3/4" (197 mm) | .15 |
| 670-6 | | cabinet-tip 3/16" (5 mm) | 6" (152 mm) | 9-3/4" (248 mm) | .20 |
| 671-6 | | cabinet-tip 1/4" (6 mm) | 6" (152 mm) | 9-3/4" (248 mm) | .20 |
| 681-6 | | Phillips-tip #1 | 6" (152 mm) | 9-3/4" (248 mm) | .20 |
| 682-6 | | Phillips-tip #2 | 6" (152 mm) | 9-3/4" (248 mm) | .25 |
| 691-6 | | square-recess #1 | 6" (152 mm) | 9-3/4" (248 mm) | .35 |
| 692-6 | | square-recess #2 | 6" (152 mm) | 9-3/4" (248 mm) | .35 |



Interchangeable Rapi-Driv®

Additional Features:

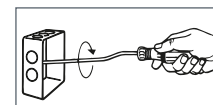
- Interchangeable bit holder allows quick switching between tip styles and works with other standard size bits.
- Crank-action handle allows you to spin screws fast with one hand.
- Blast finish bit provides firm grip on fasteners to reduce cam out.



| Cat. No. | Contains | Shaft Length | Overall Length | Weight (lbs.) |
|----------|----------------------------|--------------|-----------------|---------------|
| 67100 | 3/16" slotted, #2 Phillips | 6" (152 mm) | 9-3/4" (248 mm) | .26 |

2-in-1 Replacement Bit

| 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 |

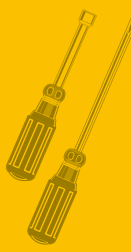


All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

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

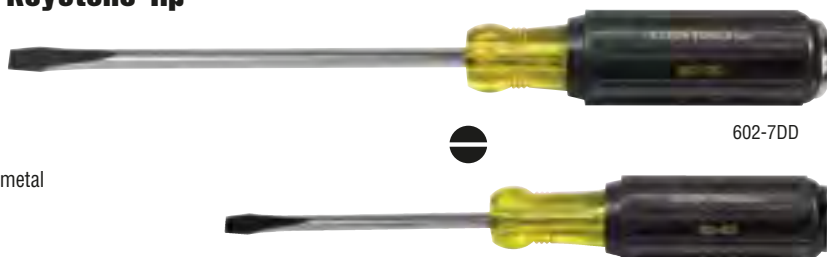
WARNING: Do NOT use to pry or chisel.



Specialty Screwdrivers

Demolition Screwdrivers — Keystone-Tip

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



| Cat. No. | Tip Size | Tip Type | Blade Length | Overall Length | Weight (lbs.) |
|----------|----------|----------|--------------|------------------|----------------|
| 602-4DD | 1/4" | keystone | 4" (102 mm) | 9" (229 mm) | .37 (0.17 kg.) |
| 602-7DD | 5/16" | keystone | 7" (178 mm) | 12-3/8" (314 mm) | .56 (0.25 kg.) |

Power Conduit Reamer

- Ream 1/2", 3/4" and 1" conduit and install fittings in a fraction of the time.
- Reduce time on projects with large quantities of conduit runs.
- Designed to fit into power drill chucks and quick release adapters; impact ready.
- Includes precision engineered replaceable reaming blade.
- Replacement blades are available and the only approved blade for use in our tool.
- Replacement bits are available but any standard 1/4" hex bit will work.



85091



| Cat. No. | Conduit Capacity | Weight |
|----------|---|----------------------|
| 85091 | conduit reamer drill head for 1/2", 3/4" and 1" conduit | .33 lbs. (0.15 kg.) |
| 19353 | conduit reamer replacement blade | .01 lbs. (0.004 kg.) |
| SQ2115 | #2 square recess replacement bit, 15-pack | .01 lbs. (0.004 kg.) |

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.
- Replaceable reaming blade is now held in place with a 1/16" set screw.



85191

| Cat. No. | Tip Size | 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.



19352

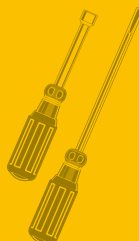
| Cat. No. | Conduit Capacity | Weight (lbs.) |
|----------|--|---------------|
| 19352 | 1/2", 3/4", 1" | .20 |
| 19353 | conduit reamer replacement blade kit for 19352 | .01 |
| 19351 | conduit reamer replacement blade for 19350 | .01 |

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

Screw-Holding Screwdrivers

Additional Features:

- Starts and drives screws with one hand when working in hard-to-reach spaces.
- Cushion-Grip handle provides superior torque and comfort with non-slip grip.



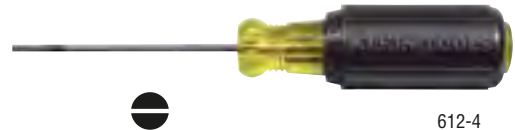
32215

| Cat. No. | Screwdriver Type | Shank Length | Overall Length | Weight (lbs.) |
|----------|------------------|--------------|------------------|---------------|
| 32215 | 1/4" cabinet | 7" (178 mm) | 11-1/4" (276 mm) | 0.32 |
| 32216 | #2 Phillips | 7" (178 mm) | 11-1/4" (276 mm) | 0.32 |

Terminal Block Screwdriver

Additional Features:

- Precision-machined tip provides exact fit for terminal block screws.
- Tip is up to 19% stronger than competitors.
- Tip provides 76% higher torque value than the required ASME B107 Standard.
- Cushion-Grip handle offers greater torque comfort.



612-4

| Cat. No. | Shank Top Width | Shank Length | Overall Length | Weight (lbs.) |
|----------|-----------------|--------------|-----------------|---------------|
| 612-4 | 1/8" (3.2 mm) | 4" (100 mm) | 7-3/4" (200 mm) | 0.15 |

Wire Bending Cabinet-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.



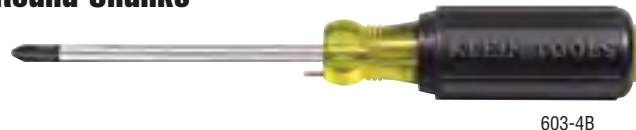
605-6B

| Cat. No. | Tip Size | 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.



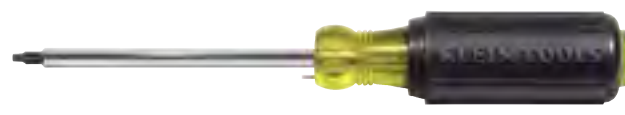
603-4B

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

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.



661B

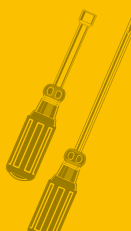
| Cat. No. | Tip Size | Shank Length | Overall Length | Bends AWG Gauges | Finish | Weight (lbs.) |
|----------|----------|--------------|-----------------|------------------|---------------|---------------|
| 661B | #1 | 4" (102 mm) | 8-1/4" (210 mm) | Nos. 10, 12, 14 | chrome-plated | 0.20 |
| 662B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

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.



Multi-Bit Screwdrivers/Nut Drivers

Heavy-Duty Multi-Bit Screwdriver/Nut Driver

- Superior torque for tough applications.
- Interchangeable shaft holds 6 universal tips; converts to 3 nut driver sizes and 1 hex driver
- Strong, heat-treated nut drivers for improved torque.



32557

| Cat. No. | Shaft Length | Overall Length | Weight |
|----------|---------------|----------------|--------|
| 32557 | 2.95" (75 mm) | 7.9" (201 mm) | 0.48 |



Ratcheting Multi-Bit Screwdriver/Nut Driver

- High-torque ratcheting mechanism for tough applications.
- Shaft holds 6 universal tips; converts to 3 nut driver sizes and 1 hex driver.
- Strong, heat-treated nut drivers for improved torque.
- 3-way ratcheting mechanism for forward, reverse and locked positions.



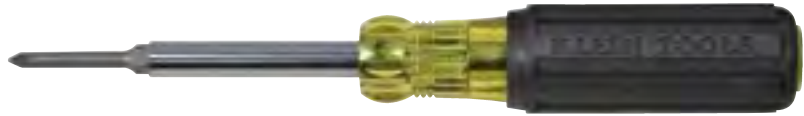
32558

| Cat. No. | Shaft Length | Overall Length | Weight |
|----------|---------------|----------------|--------|
| 32558 | 2.95" (75 mm) | 8.0" (203 mm) | 0.71 |



Extended-Reach Multi-Bit Screwdrivers/Nut Drivers

- Interchangeable shaft holds 4 universal tips and converts to 2 nut driver sizes.
- Extended shafts and blades provide 39% longer reach.
- Shaft holds 4 universal tips and converts to 2 nut driver sizes.
- Small diameter shaft for comfortable grip and quick, easy turning.



32559

| Cat. No. | Shaft Length | Overall Length | Weight |
|----------|----------------|----------------|--------|
| 32559 | 4.11" (104 mm) | 9.1" (231 mm) | 0.41 |
| 32560 | 4.11" (104 mm) | 9.1" (231 mm) | 0.41 |

Cat. No. 32560



Cat. No. 32559



Stubby Multi-Bit Screwdriver/Nut Driver

- Compact design features standard 1-1/4" shaft allowing easy access to tight work spaces.
- Shaft holds 4 universal tips and converts to 2 nut driver sizes.



32561

| Cat. No. | Shaft Length | Overall Length | Weight |
|----------|---------------|----------------|----------------------|
| 32561 | 1.27" (32 mm) | 3.2" (81 mm) | 0.16 lbs. (0.07 kg.) |
| 32562 | 1.27" (32 mm) | 3.2" (81 mm) | 0.16 lbs. (0.07 kg.) |

Cat. No. 32561



Cat. No. 32562

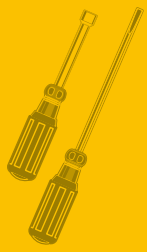


All dimensions are in inches and (millimeters).

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

WARNING: Always wear approved eye protection.

WARNING: Do NOT use to pry or chisel.



Multi-Bit Screwdrivers/Nut Drivers

5-in-1 Screwdriver/Nut Driver

- End of handle is marked to quickly identify tool.



32476

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

10-in-1 Screwdriver/Nut Driver

- End of handle is marked to quickly identify tool.



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



32477

| 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 |

11-in-1 Screwdriver/Nut Driver

- 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.



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



32500

| 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 |

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

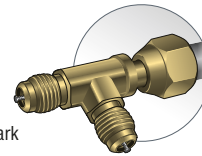
- Includes unique style bit for installation/removal of common TR-4 Schrader® valves and aggressive thread extractor tip for backing out broken cores.
- Great for HVAC and other industrial applications.



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



32527



| 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 |

10-in-1 Folding Screwdriver/Nut Driver

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

10-FOLD®



32535



32536



32537



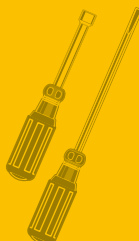
32538



32539

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

| Cat. No. | Handle Color | Description | Weight (lbs.) |
|----------|--------------|--|---------------|
| 32534 | blue | 5/16" & 1/4" nut drivers, #1 and #2 Phillips, 1/4" & 3/16" slotted, #1 and #2 square-recess, and Schrader® valve core removal/installation – extractor | 0.37 |
| 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 |



Replacement Parts Multi-Bit Screwdriver/Nut Drivers

Replacement Bits for Screwdriver/Nut Drivers

- Precision-machined tips for exact fit into fastener.



32484



32482



32483

Replacement Bits for Multi-Bit Interchangeable Screwdriver/Nut Drivers (32557, 32558, 32559, 32560, 32561)

| Cat. No. | Fits | Description | Quantity |
|----------|------------------------|---|------------------|
| 32392 | 32557 and 32558 | Heavy Duty Main Blade Barrel | contains 1 unit |
| 32394 | 32557 and 32558 | Heavy Duty Secondary Blade Barrel | contains 2 units |
| 32395 | 32559 and 32560 | Extended Blade Barrel | contains 1 unit |
| 32396 | 32561 | Stubby Blade Barrel | contains 1 unit |
| 32397 | 32557 and 32558 | Screwdriver Bit & #2 PH x #1 Square | contains 2 bits |
| 32398 | 32557, 32558 and 32561 | Screwdriver Bit & #1 PH x 1/4 Slotted | contains 2 bits |
| 32399 | 32557 and 32558 | Screwdriver Bit & #2 Square x 3/16 Slotted | contains 2 bits |
| 32400 | 32559 | Extended Screwdriver Bit & #2 PH x #1 PH | contains 2 bits |
| 32401 | 32559 | Extended Screwdriver Bit & 3/16 Slotted x 1/4 Slotted | contains 2 bits |
| 32410 | 32560 | Extended Screwdriver Bit & #2 Square x #2 PH | contains 2 bits |
| 32411 | 32560 | Extended Screwdriver Bit & #1 Square x 1/4 Slotted | contains 2 bits |
| 32412 | 32561 | Screwdriver Bit & #2 PH x 3/16 Slotted | contains 2 bits |

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

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

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

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

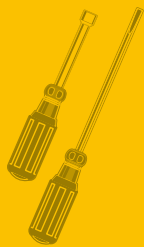
TORX® is a registered trademark of Acument Intellectual Properties, LLC.

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.



Multi-Bit Screwdrivers/Nut Drivers

Non-Ratcheting 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.



32510

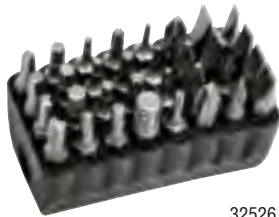
| Cat. No. | Set Contains | Weight (lbs.) |
|--|--------------|---------------|
| 32510 | | .71 |
| Bits Included | | |
| TORX® – T7, T8, T10, T15, T20, T25, T27, T30 and T40 | | |
| Fraction Hex – 3/32", 7/64", 1/8", 9/64", 5/32", and 3/16" | | |
| Metric Hex – 2 mm, 2.5 mm, 3 mm, 4 mm, and 5 mm | | |
| 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 | | |

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

- 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.

32-Piece Standard Tip Bit Set



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 | | |

32-Piece Tamperproof Tip Bit Set



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 | | |

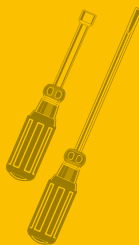
TORX® is a registered trademark of Acument Intellectual Properties, LLC.
TORQ-SET® and Tri-Wing® are registered trademarks of Phillips Screw Co.

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

Features:

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

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

Precision-machined tip for exact fit into the fastener.

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

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



Meets or exceeds applicable ASME / ANSI specifications.

5-Piece Journeyman™ Screwdriver Set

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 | 6" (152 mm) | 10-1/4" (260 mm) |
| JSD4K08 | 1/4" keystone-tip | 4" (102 mm) | 9" (228 mm) |
| JSD6K09 | 5/16" keystone-tip | 6" (152 mm) | 11" (279 mm) |
| JSD4PH1 | #1 Phillips-tip | 4" (102 mm) | 8-1/4" (210 mm) |
| JSD4PH2 | #2 Phillips-tip | 4" (102 mm) | 9" (228 mm) |



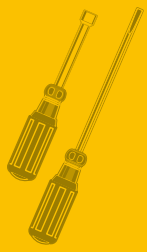
JSDS01

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.



Journeyman™ Screwdriver Sets

JOURNEYMAN

7-Piece Journeyman™ Screwdriver Set

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 | 4" (102 mm) | 8-1/4" (210 mm) |
| JSD6C06 | 3/16" cabinet-tip | 6" (152 mm) | 10-1/4" (260 mm) |
| JSD4K08 | 1/4" keystone-tip | 4" (102 mm) | 9" (228 mm) |
| JSD6K09 | 5/16" keystone-tip | 6" (152 mm) | 11" (279 mm) |
| JSD4PH1 | #1 Phillips-tip | 4" (102 mm) | 8-1/4" (210 mm) |
| JSD4PH2 | #2 Phillips-tip | 4" (102 mm) | 9" (228 mm) |
| JSD6PH3 | #3 Phillips-tip | 6" (152 mm) | 11" (279 mm) |

JSDS02

Journeyman™ Screwdrivers

Journeyman™ Cabinet-Tip Screwdrivers – Round Shaft

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 |



Journeyman™ Phillips-Tip Screwdrivers – Round Shaft

Additional Features:

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



JSD4PH2

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



Journeyman™ Keystone-Tip Screwdrivers – Round Shaft

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 |



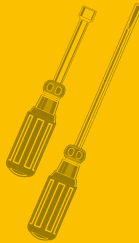
All dimensions are in inches and (millimeters).

⚠ 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



Plastic-Handle Screwdriver Set

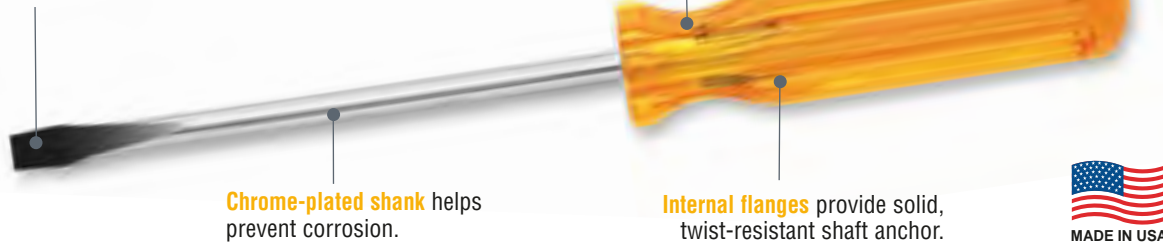
Features:

Meets or exceeds applicable ASME / ANSI specifications.

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

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

Tough amber plastic handle.



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 | #1 Phillips-tip | 3" (76 mm) |
| BD122 | #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) |

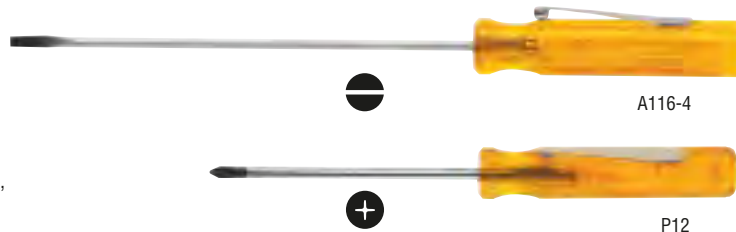


85276

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.



A116-4

P12

| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|--|----------------|----------------|------------------|---------------|
| Keystone-Tip and Cabinet-Tip, Pocket-Clip Screwdrivers | | | | |
| 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 |

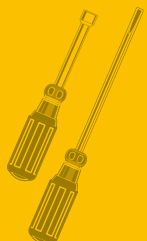
| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|---|----------|----------------|----------------|---------------|
| Phillips-Tip, Pocket-Clip Round-Shank Screwdriver | | | | |
| P12 | #0 | 2 1/2" (63 mm) | 5" (124 mm) | .05 |

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

Midget Screwdriver

Additional Features:

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



A000

| Cat. No. | Tip Size | 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.



BD306

| Cat. No. | Tip Size | 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. | Tip Size | 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.



BD156

| Cat. No. | Tip Size | 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. | Tip Size | 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 |

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. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|---------------|--------------|----------------|---------------|
| 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 |
| A216-10 | 1/8" (3.2 mm) | 10" (254 mm) | 13" (330 mm) | .05 |

| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|----------------|--------------|------------------|---------------|
| 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 |

Profiliated 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. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|----------|--------------|-------------------|---------------|
| BD111 | #1 | 3" (76 mm) | 6-5/8" (168 mm) | .10 |
| BD122 | #2 | 4" (102 mm) | 8-1/2" (216 mm) | .20 |
| BD133 | #3 | 6" (152 mm) | 11-3/16" (284 mm) | .35 |
| P18 | #1 | 8" (203 mm) | 11-1/2" (292 mm) | .15 |

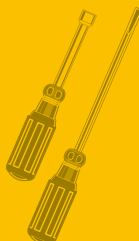
| Cat. No. | Tip Size | Shank Length | Overall Length | Weight (lbs.) |
|----------|----------|--------------|------------------|---------------|
| P28 | #2 | 8" (203 mm) | 11-5/8" (295 mm) | .20 |
| P212 | #2 | 12" (305 mm) | 15-5/8" (397 mm) | .25 |
| P202 | #2 | 20" (508 mm) | 24-1/2" (622 mm) | .55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

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.



Specialty Plastic-Handle Screwdrivers

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 #1 and #2 Phillips | 3-3/4" (95 mm) | 7-1/4" (184 mm) | .25 |

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 #1 and #2 Phillips | 4-1/4" (108 mm) | 8-3/4" (222 mm) | .40 |

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 |
| 4H1P2 | Phillips | #2 | .02 |
| 4H1R1 | square-recess | #1 | .01 |
| 4H1R2 | square-recess | #2 | .01 |
| 4H1R3 | square-recess | #3 | .01 |
| 4HT15 | TORX® | T15 | .02 |
| 4HT20 | TORX® | T20 | .01 |
| 4HT25 | TORX® | T25 | .02 |
| 4HT27 | TORX® | T27 | .02 |

| Cat. No. | Bit Type | Tip Size | Weight (lbs.) |
|----------|----------|----------|---------------|
| 4HT30 | TORX® | T30 | .02 |

| Cat. No. | Weight (lbs.) |
|-----------------|---|
| Bit Sets | Bit Selection |
| 70036 | 3/16", 9/32" slotted plus #1 and #2 Phillips tips |
| 70283 | #1, #2, #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.

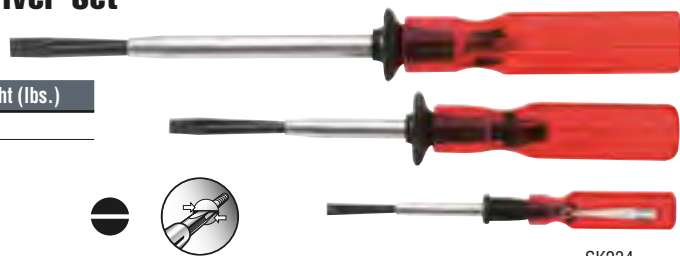


32460

| 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.



SK234

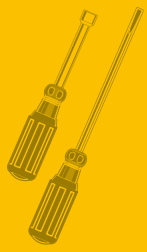
| Cat. No. | Set Contains | Weight (lbs.) |
|-----------------|-----------------------------|---------------|
| SK234 | | .40 |
| Cat. No. | Shank Size | |
| K23 | 3/16" x 3" (5 mm x 76 mm) | |
| K34 | 1/4" x 4" (6.3 mm x 102 mm) | |
| K46 | 5/16" x 6" (8 mm x 152 mm) | |

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 Plastic-Handle Screwdrivers

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. | Tip Size | 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. | Tip Size | 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.

Screw-Holding Screwdrivers

Phillips-Tip Screw-Holding Screwdrivers

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

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

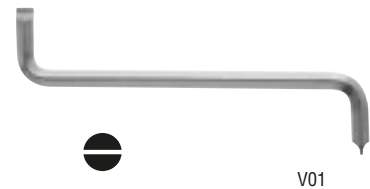


Offset Screwdrivers

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.

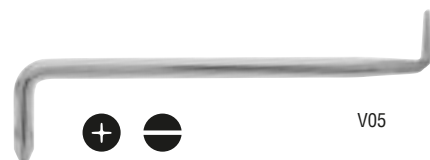
| Cat. No. | Point Nos. | Overall Length | Weight (lbs.) |
|----------|------------|-----------------|---------------|
| P120 | #1 and #2 | 4-3/4" (121 mm) | .05 |
| P340 | #3 and #4 | 6" (152 mm) | .20 |



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 #2 Phillips | 5" (127 mm) | 1/4" (6.3 mm) | .05 |

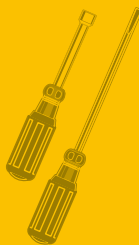


All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

▲WARNING: Do NOT use to pry or chisel.

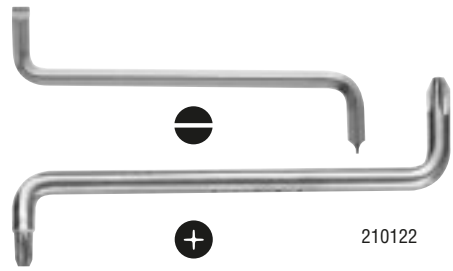


Offset Screwdrivers

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 |

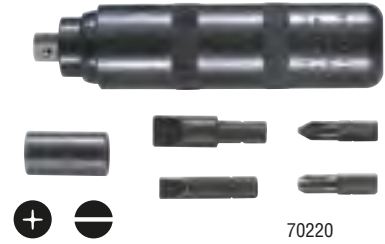


210122

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.



70220

| 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 |
| Replacement Screwdriver Bits | | |
| 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 |



57034

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.



57035

| 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 |



57036

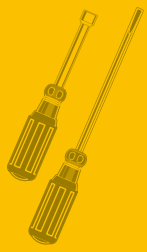
All dimensions are in inches and (millimeters).

⚠ WARNING: Always wear approved eye protection.

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

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

⚠ WARNING: Do NOT use to pry or chisel.



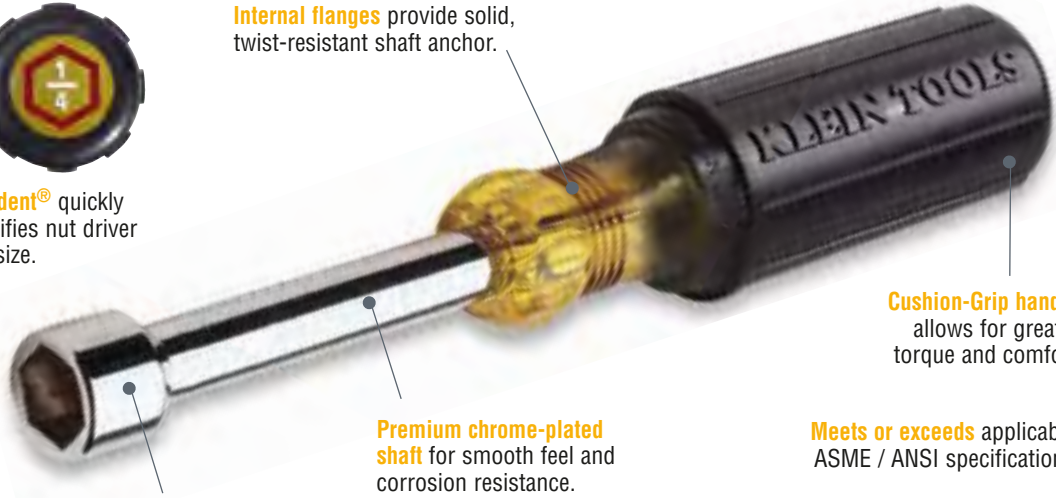
Cushion-Grip Nut Driver Sets

Features:



Tip-Ident® quickly identifies nut driver and size.

Internal flanges provide solid, twist-resistant shaft anchor.



Cushion-Grip handle allows for greater torque and comfort.

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.

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



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 Cushion-Grip Hollow-Shaft* Magnetic Tip 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 |

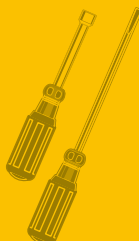
*3/16" magnetic nut driver does not have hollow shaft



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.)

| Cat. No. | Set Contains | | | | | Weight (lbs.) |
|----------|--------------|----------|--------------|-----------------|--|---------------|
| 633 | | | | | | 1.30 |
| Cat. No. | Color Code | Hex Size | 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

Additional Features:

- Full hollow shaft for long bolts or studs.
- Stubby nut drivers allow for work in close quarters.
- Cat. No. 610M features magnetic tips.

| Cat. No. | Set Contains | | | | |
|----------|--------------|----------|----------------|----------------|--|
| 610 | | | | | |
| Cat. No. | Color Code | Hex Size | Shaft Length | Overall Length | |
| 610-1/4 | red | 1/4" | 1-1/2" (38 mm) | 3-1/2" (89 mm) | |
| 610-5/16 | yellow | 5/16" | 1-1/2" (38 mm) | 3-1/2" (89 mm) | |

| Cat. No. | Set Contains | | | | |
|-----------|--------------|----------|----------------|----------------|--|
| 610M | | | | | |
| Cat. No. | Color Code | Hex Size | Shaft Length | Overall Length | |
| 610-1/4M | red | 1/4" | 1-1/2" (38 mm) | 3-1/2" (89 mm) | |
| 610-5/16M | yellow | 5/16" | 1-1/2" (38 mm) | 3-1/2" (89 mm) | |



610

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) | | |

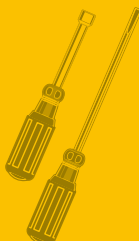


65160

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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



Cushion-Grip Nut Drivers

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



Additional Features:

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

630-1/2

| 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



Additional Features:

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

630-11mm

| 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 |
| 630-6mm | 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 |
| 630-10mm | 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

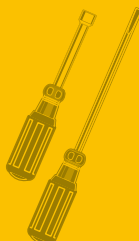
| Cat. No. | Color Code | Hex Size | Shaft Length | Overall Length | Weight (lbs.) |
|-----------|------------|----------|--------------|-----------------|---------------|
| 646-3/16 | black | 3/16" | 6" (152 mm) | 9-3/4" (248 mm) | .25 |
| 646-1/4 | red | 1/4" | 6" (152 mm) | 9-3/4" (248 mm) | .25 |
| 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.



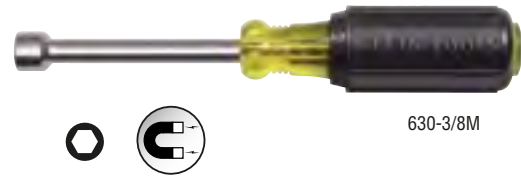
Cushion-Grip Nut Drivers

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.

| Cat. No. | Color Code | Hex Size | Shaft Length | Overall Length | Weight (lbs.) |
|------------|------------|----------|--------------|------------------|---------------|
| 610-1/4M | red | 1/4" | 3" (76 mm) | 1-1/2" (89 mm) | .10 |
| 610-5/16M | yellow | 5/16" | 3" (76 mm) | 1-1/2" (89 mm) | .10 |
| 610-3/8M | blue | 3/8" | 3" (76 mm) | 1-1/2" (89 mm) | .10 |
| 630-3/16M* | black | 3/16" | 3" (76 mm) | 6-3/4" (171 mm) | .20 |
| 630-1/4M | red | 1/4" | 3" (76 mm) | 6-3/4" (171 mm) | .20 |
| 630-5/16M | yellow | 5/16" | 3" (76 mm) | 6-3/4" (171 mm) | .20 |
| 630-11/32M | green | 11/32" | 3" (76 mm) | 6-3/4" (171 mm) | .20 |
| 630-3/8M | blue | 3/8" | 3" (76 mm) | 6-3/4" (171 mm) | .20 |
| 630-7/16M | brown | 7/16" | 3" (76 mm) | 7-5/16" (186 mm) | .25 |
| 630-1/2M | red | 1/2" | 3" (76 mm) | 7-5/16" (186 mm) | .25 |
| 646-3/16M* | black | 3/16" | 6" (152 mm) | 9-3/4" (248 mm) | .25 |



630-3/8M

| Cat. No. | Color Code | Hex Size | Shaft Length | Overall Length | Weight (lbs.) |
|------------|------------|----------|--------------|-------------------|---------------|
| 646-1/4M | red | 1/4" | 6" (152 mm) | 9-3/4" (248 mm) | .25 |
| 646-5/16M | yellow | 5/16" | 6" (152 mm) | 9-3/4" (248 mm) | .25 |
| 646-11/32M | green | 11/32" | 6" (152 mm) | 9-3/4" (248 mm) | .25 |
| 646-3/8M | blue | 3/8" | 6" (152 mm) | 9-3/4" (248mm) | .30 |
| 646-7/16M | brown | 7/16" | 6" (152 mm) | 10-5/16" (262 mm) | .35 |
| 646-1/2M | red | 1/2" | 6" (152 mm) | 10-5/16" (262 mm) | .35 |
| 618-1/4M | red | 1/4" | 18" (457 mm) | 21-3/4" (552 mm) | .50 |
| 618-5/16M | yellow | 5/16" | 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 |

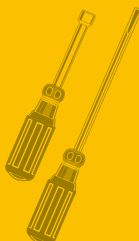
⚠ WARNING: NOT insulated. Coating is intended for protection of circuits only.



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.

Hollow shafts facilitate work on stacked circuit boards or other long bolt applications.

Internal flanges provide solid, twist-resistant shaft anchor.

Handles are color-coded for easy identification.



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) |



70084

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) |

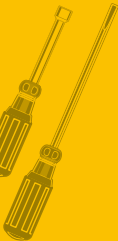


89969

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.
- Metal holder 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) |

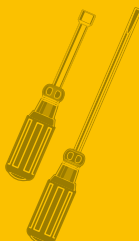


S700

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 |



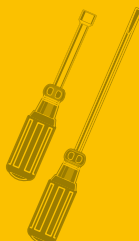
SS10



All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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



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.

S10

| 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.

70209

| 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



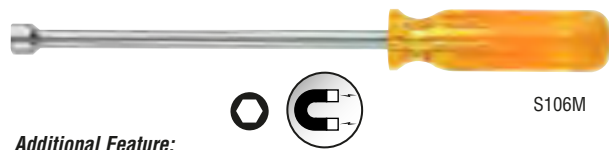
Additional Features:

- Reaches into deep recesses.
- Fits over extra-long bolts and studs.

S86

| 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.

S106M

| 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-reach places where added length is necessary.
- Available in magnetic and non-magnetic tip.
- Overall Length: 21-5/8" (549 mm).

S1018

| Cat. No. | Handle Color | Hex Size | Shaft Length | Type | Weight (lbs.) |
|----------|--------------|----------|--------------|----------|---------------|
| S818 | red | 1/4" | 18" (457 mm) | standard | .25 |
| S818M | red | 1/4" | 18" (457 mm) | magnetic | .25 |
| S1018 | amber | 5/16" | 18" (457 mm) | standard | .25 |
| S1018M | amber | 5/16" | 18" (457 mm) | magnetic | .25 |

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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



Tapping Tools and Awls

Cushion-Grip Triple Taps and 6-in-1 Tap Tool

- Quickly forms new threads, re-forms burred threads, and cleans out plaster obstructions.
- Each tap size rethreads to next larger size if threads are stripped.

| 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 |
| 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 |

6-in-1 Tapping Tool



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.

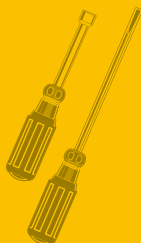
| Cat. No. | Blade Length | Overall Length | Weight (lbs.) |
|----------|----------------|----------------|---------------|
| 66385 | 3-1/2" (89 mm) | 7" (178 mm) | .30 |

⚠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.

| 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.



65020

| Cat. No. | Set Contains | Weight (lbs.) | | | | | | | | | | | | |
|----------|---|----------------|-----------------|--------------|----------------|-----|----------------|-------------|-----------------|---------|------------------------|----------------|----------------|-----|
| 65020 | <table border="1"> <thead> <tr> <th>Cat. No.</th> <th>Description</th> <th>Shank Length</th> <th>Overall Length</th> </tr> </thead> <tbody> <tr> <td>ST6</td> <td>6" spring tool</td> <td>6" (152 mm)</td> <td>9-3/4" (248 mm)</td> </tr> <tr> <td>610-1/4</td> <td>1/4" stubby nut driver</td> <td>1-1/2" (38 mm)</td> <td>3-1/2" (89 mm)</td> </tr> </tbody> </table> | 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) | .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: Always wear approved eye protection.

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



POWER TOOL ACCESSORIES



**KLEIN
TOOLS**

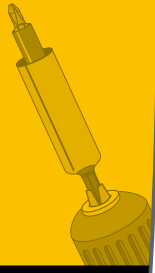


Power Tool Accessories

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



For Professionals... Since 1857®



Multi-Bit Power Drivers

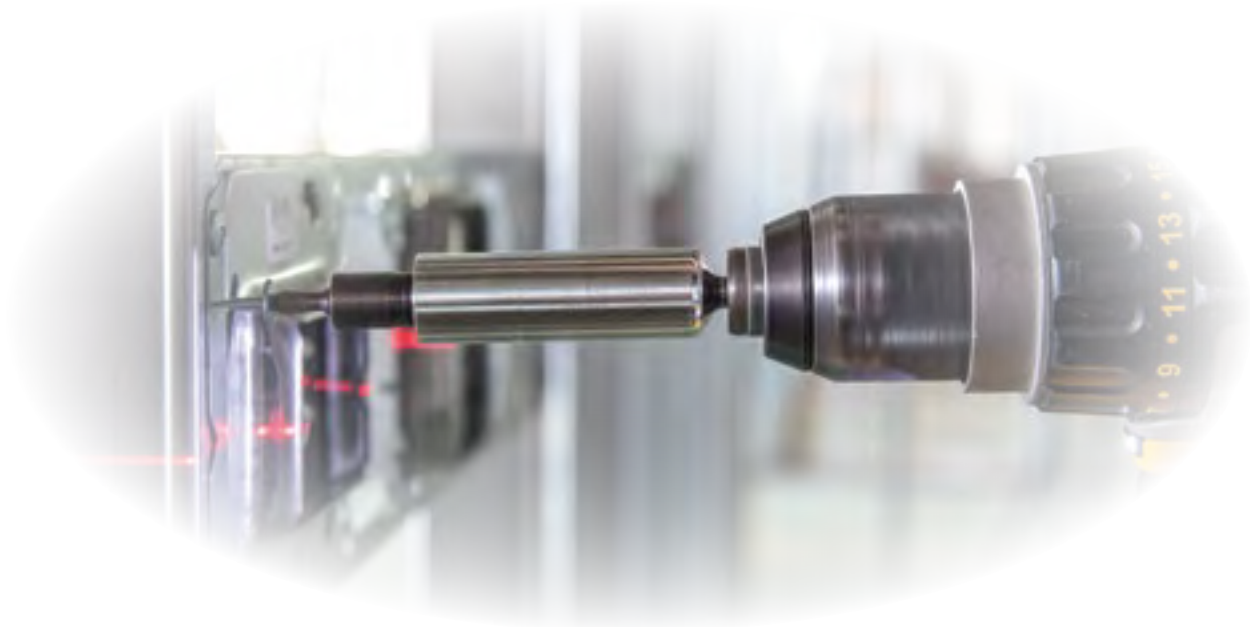
Klein Multi-Bit Power Drivers combine multiple screwdriver and nut driver functions in one power tool adaptor. The solid body with 1/4" hex quick connect easily attaches to any power drill. Multi-Bit Power Drivers are designed and constructed to withstand the high RPMs and force of even the most aggressive impact driver. Allowing you to quickly change between functions – No more wasting time and money, searching for different accessories in your tool bag.

- Three screwdriver functions and three nut drivers in one power tool adaptor (Cat. No. 32605).
- Solid body with 1/4" hex quick connect for easy attachment to any power drill.
- Designed and constructed to withstand impact drills.



32605

| Cat. No. | Description | Screwdriver | | | Nut Driver | | | | Overall Length |
|--------------------------------------|------------------------------------|-------------|-----|----------|------------|-------|------|-------|----------------|
| | | PH2 | SQ2 | SL 3/16" | 1/4" | 5/16" | 3/8" | 9/16" | |
| 32605 | 5-in-1 Multi-Bit Power Driver | + | □ | ● | ○ | | ○ | | 4.25" (108 mm) |
| 32606 | 6-in-1 Multi-Bit Power Driver | + | □ | ● | ○ | ○ | | ○ | 5.00" (127 mm) |
| Double-Ended Replacement Bits | | | | | | | | | |
| 32744 | Replacement Bit for 32605 (3-pack) | | □ | ● | | | | | |
| 32745 | Replacement Bit for 32606 (3-pack) | | □ | ● | | | | | |

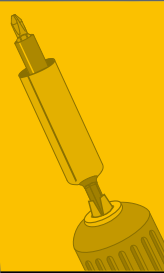


All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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

⚠WARNING: Do NOT use to pry or chisel.

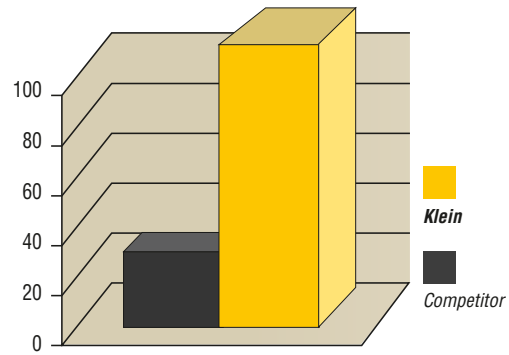


Power Drivers

Klein Power Drivers are manufactured in the U.S.A. to ensure proper fit in every application. Each Power Driver is precision machined, heat treated and finished to the gold standards Klein Tools puts into every screwdriver blade. Proprietary processes create the longest life power driver bit in the industry. Tight fitting tips reduce wear and deliver the premium performance you, and the generations before you, expect from a Klein.

- Precision machined for better fit, more torque and less wear
- Custom heat treated for long life
- Available in a variety of tips

Klein Lasts Longer Before Cam Out



PH3-6-2



PH2-1-15

PH2-35-5

| Cat. No. | Tip Size | Length | Pack Qty. |
|-------------------|----------|--------|-----------|
| ⊕ Phillips | | | |
| PH1-1-5 | #1 | 1" | 5 |
| PH1-35-5 | #1 | 3-1/2" | 5 |
| PH1-6-2 | #1 | 6" | 2 |
| PH2-1-15 | #2 | 1" | 15 |
| PH2-35-5 | #2 | 3-1/2" | 5 |
| PH2-6-2 | #2 | 6" | 2 |
| PH3-1-5 | #3 | 1" | 5 |
| PH3-35-5 | #3 | 3-1/2" | 5 |
| PH3-6-2 | #3 | 6" | 2 |
| ● Slotted | | | |
| SL316-1-5 | 3/16" | 1" | 5 |
| SL316-35-5 | 3/16" | 3-1/2" | 5 |
| SL14-1-5 | 1/4" | 1" | 5 |
| SL14-35-5 | 1/4" | 3-1/2" | 5 |

| Cat. No. | Tip Size | Length | Pack Qty. |
|------------------------|----------|--------|-----------|
| ⊖ Square-Recess | | | |
| SQ1-1-5 | #1 | 1" | 5 |
| SQ1-35-5 | #1 | 3-1/2" | 5 |
| SQ1-6-2 | #1 | 6" | 2 |
| SQ2-1-15 | #2 | 1" | 15 |
| SQ2-35-5 | #2 | 3-1/2" | 5 |
| SQ2-6-2 | #2 | 6" | 2 |
| SQ3-1-5 | #3 | 1" | 5 |
| SQ3-35-5 | #3 | 3-1/2" | 5 |
| SQ3-6-2 | #3 | 6" | 2 |

Power Conduit Reamer

Reams conduit and installs fittings in a fraction of the time. Designed to fit into power drill chucks and quick release adapters, the power conduit reamer reduces time and wrist fatigue on projects with large quantities of conduit runs.

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



85091

| Cat. No. | Description |
|----------|---|
| 85091 | conduit reamer drill head for 1/2", 3/4" and 1" conduit |

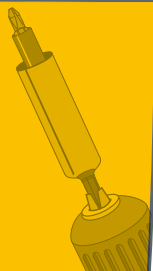
| Replacement Parts | |
|-------------------|---|
| 19353 | conduit reamer replacement blade |
| SQ2-1-15 | #2 square recess replacement bits (15-pack) |

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.



Power Nut Drivers

Available in several sizes, these hollow shaft magnetic nut drivers are designed for long bolts, studs or threaded rod jobs. The magnetic head holds nuts and bolts to aid in hard to reach installations. The 5" and 10" models feature a wrench assist end, designed for high torque loosening found in many jobs.

- 5" and 10" models are sold individually.
- Power Nut Driver Set contains 1/4", 5/16" and 3/8" nut drivers (Cat. No. 32759).



Hollow magnetic* shafts for nut running



32759



PND7165



PND71610

| Cat. No. | Hex Sizes | Hollow Depth | Overall Length |
|----------------------------------|-------------------|-------------------|-----------------|
| 2" (127 mm) Out-of-Chuck | | | |
| 32759 | 1/4", 5/16", 3/8" | 1-7/8" (48 mm) | 6.32" (80 mm) |
| 5" (127 mm) Out-of-Chuck | | | |
| PND7165 | 7/16" | 3-13/16" (97 mm) | 6.32" (161 mm) |
| PND125 | 1/2" | 3-23/32" (95 mm) | 6.30" (160 mm) |
| PND9165 | 9/16" | 3-5/8" (92 mm) | 6.33" (161 mm) |
| 10" (254 mm) Out-of-Chuck | | | |
| PND71610 | 7/16" | 8-13/16" (223 mm) | 11.32" (288 mm) |
| PND1210 | 1/2" | 8-23/32" (221 mm) | 11.30" (287 mm) |
| PND91610 | 9/16" | 8-5/8" (219 mm) | 11.33" (288 mm) |

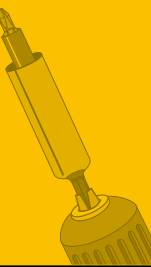
*Rare earth magnet is globally sourced.

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.



#1 Choice Among Professional Electricians

For more than 157 years, Klein Tools has manufactured the world's finest hand tools. Klein offers more than 3,000 tools and accessories, including pliers, wire strippers, screwdrivers/nut drivers, fish tapes, conduit benders, electrical testers, and more, all with a dedication to quality and innovation. Klein Tools is also committed to American manufacturing, operating seven plants in the U.S.

KLEIN TOOLS 

For Professionals... Since 1857[®]

www.kleintools.com



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.

Chrome-plated for corrosion resistance.

Standard and metric scales for faster adjustment.

Knurl turns smoothly for easy operation.

Contoured handles for comfortable use.

Rail is ground for precision fit.

4-threaded knurl worm gear for improved balance.

Minimally protruding jaw shank for greater capacity in tight spaces.



Adjustable Wrenches — High Capacity

Additional Features:

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



D507-8

| Cat. No. | Handle Finish | Handle Color | Length | Capacity | Weight |
|----------|--------------------|-----------------|------------------|-----------------|---------------------|
| 507-6 | high-polish chrome | - | 6-3/8" (162 mm) | 15/16" (24 mm) | 0.29 lbs. (0.14 kg) |
| 507-8 | high-polish chrome | - | 8-1/8" (206 mm) | 1-1/8" (28 mm) | 0.61 lbs. (0.28 kg) |
| 507-10 | high-polish chrome | - | 10-1/8" (257 mm) | 1-5/16" (33 mm) | 0.98 lbs. (0.44 kg) |
| 507-12 | high-polish chrome | - | 12-1/4" (311 mm) | 1-1/2" (38 mm) | 1.65 lbs. (0.75 kg) |
| D507-6 | plastic dipped | transparent red | 6-1/2" (165 mm) | 15/16" (24 mm) | 0.33 lbs. (0.15 kg) |
| D507-8 | plastic dipped | transparent red | 8-1/4" (209 mm) | 1-1/8" (28 mm) | 0.66 lbs. (0.30 kg) |
| D507-10 | plastic dipped | transparent red | 10-1/4" (260 mm) | 1-5/16" (33 mm) | 1.11 lbs. (0.50 kg) |
| D507-12 | plastic dipped | transparent red | 12-3/8" (314 mm) | 1-1/2" (38 mm) | 1.8 lbs. (0.81 kg) |

Adjustable Wrench — Extra-Wide Jaw

Additional Features:

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



D509-8



| Cat. No. | Handle Finish | Handle Color | Length | Capacity | Weight |
|----------|----------------|--------------|-----------------|----------------|---------------------|
| D509-8 | plastic dipped | solid blue | 8-1/2" (216 mm) | 1-1/2" (38 mm) | 0.77 lbs. (0.35 kg) |

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

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 Color | Handle Finish | Length | Capacity | Weight (lbs.) |
|----------|-----------------|--------------------|------------------|------------------|---------------|
| D506-4 | transparent red | plastic-dipped | 4-1/2" (114 mm) | 1/2" (12 mm) | .13 |
| 506-15 | - | high-polish chrome | 15-7/8" (403 mm) | 1-11/16" (42 mm) | 2.92 |
| 500-18 | - | high-polish chrome | 18-1/4" (463 mm) | 2-1/16" (52 mm) | 4.67 |
| 500-24 | - | high-polish chrome | 24" (610 mm) | 2-1/2" (63 mm) | 7.76 |

Adjustable-Head Construction Wrenches

- Eliminates the need to carry several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle.
- Industrial black finish for corrosion resistance.
- Includes lanyard hole for easy tool tethering.



3239



3227

| Cat. No. | Max. Size Capacity | Length | Weight (lbs.) |
|----------|--------------------|--------------|---------------|
| 3227 | 1-5/16" (33 mm) | 11" (279 mm) | 1.20 |
| 3239 | 1-1/2" (38 mm) | 16" (406 mm) | 2.36 |

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 the 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.



Combination Wrenches

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 | Length | Box End Point |
|----------|-------|--------|---------------|
| 68507 | 7 mm | 107 mm | 12 |
| 68509 | 9 mm | 119 mm | 12 |
| 68510 | 10 mm | 135 mm | 12 |
| 68511 | 11 mm | 149 mm | 12 |
| 68513 | 13 mm | 166 mm | 12 |
| 68514 | 14 mm | 178 mm | 12 |
| 68515 | 15 mm | 191 mm | 12 |

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 | Length | Box End Point |
|----------|-------|--------|---------------|
| 68507 | 7 mm | 107 mm | 12 |
| 68508 | 8 mm | 110 mm | 12 |
| 68509 | 9 mm | 119 mm | 12 |
| 68510 | 10 mm | 135 mm | 12 |
| 68511 | 11 mm | 149 mm | 12 |
| 68512 | 12 mm | 159 mm | 12 |
| 68513 | 13 mm | 166 mm | 12 |
| 68514 | 14 mm | 178 mm | 12 |
| 68515 | 15 mm | 191 mm | 12 |
| 68517 | 17 mm | 213 mm | 12 |
| 68519 | 19 mm | 245 mm | 12 |

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 |
| 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 |



68512

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.



Open-End Wrenches

Features:

Corrosion resistant.

Forged from the highest quality alloy-steel.

Different size opening on each end of wrench.

Ends are offset at 15° angle for clearance over obstructions.

Durable chrome-plated finish.



5-Piece Open-End Wrench Set

| 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 |



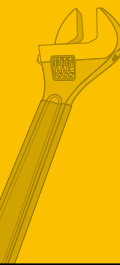
68463

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.



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 |

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 |



65506

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.



Socket Wrench Sets

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 |

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 |

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 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 |

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.



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 |



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 |



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 |



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 |



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 |



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

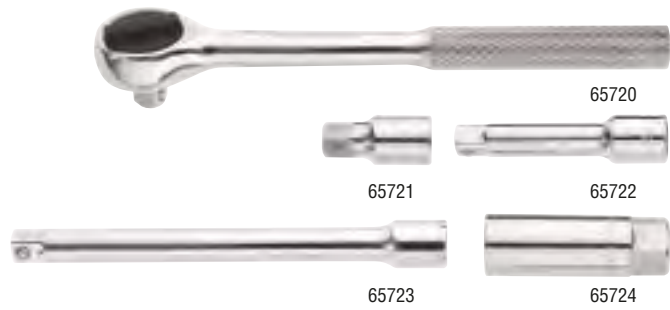
| Cat. No. | Size | Weight (lbs.) |
|----------|--------|---------------|
| 65710 | 3/8" | .09 |
| 65711 | 7/16" | .10 |
| 65712 | 1/2" | .13 |
| 65713 | 9/16" | .15 |
| 65714 | 5/8" | .22 |
| 65715 | 11/16" | .27 |
| 65716 | 3/4" | .28 |
| 65717 | 13/16" | .34 |



Socket Wrenches

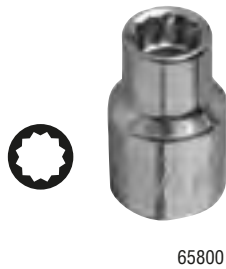
3/8-Inch Drivers and Extensions

| 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 |



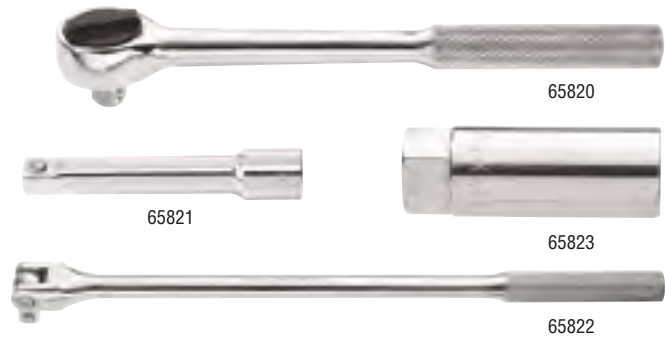
1/2-Inch Drive — Deep 12-Point Sockets

| 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

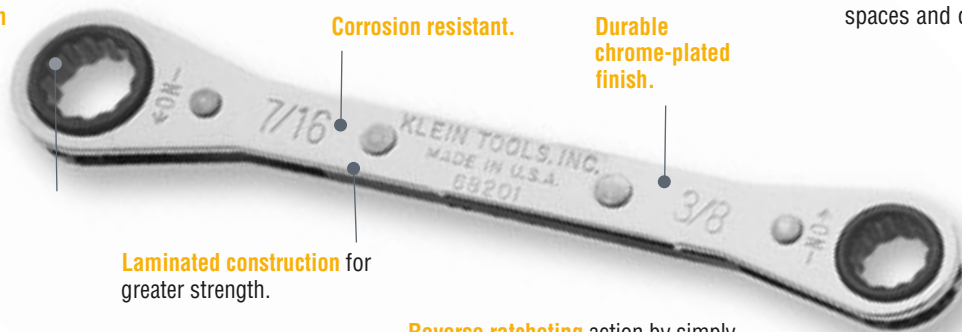
Features:

Different size opening on each end.

Corrosion resistant.

Durable chrome-plated finish.

For use in confined spaces and on long studs.



Laminated construction for greater strength.

Reverse ratcheting action by simply turning wrench over.



All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

Ratcheting Box Wrenches

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) |



68221

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) |



68222

Ratcheting Box Wrenches



68201

| 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 |

| Cat. No. | Point | Size | Length | Weight (lbs.) |
|----------|-------|---------------|-----------------|---------------|
| 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 |

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

All dimensions are in inches and (millimeters).

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT use on or near live electrical circuits.

⚠ WARNING: Do NOT push or hammer wrench.

⚠ WARNING: Do NOT extend handle length.

Ratcheting Offset Box Wrenches

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

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.
- Hex-socket design enables using a wrench to obtain extra torque.
- High-impact, break-resistant handle for long and dependable service.
- Sockets are heat-treated, alloy steel.



68005

| Cat. No. | 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.

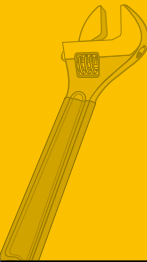
All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT push or hammer wrench.

⚠WARNING: Do NOT use on or near live electrical circuits.

⚠WARNING: Do NOT extend handle length.



Specialty Wrenches

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 |

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 |

3-in-1 Impact Socket – Distribution | Transmission

- NRHD Distribution socket features three square socket sizes: 3/4", 1", and 1-1/8".
- NRHD2 Transmission socket features three square socket sizes: 1-1/8", 1-5/16", and 1-1/2".
- 7/16" hex quick-change adapter included.
- Fine-tuned ball detent provides improved retention, minimizing drops.
- Long hollow shaft allows use on long threaded bolts.



NRHD



NRHD2

| Cat. No. | Description | Length | Weight (lbs.) |
|----------|----------------------|---------------------|------------------|
| NRHD | 3-in-1 Impact Socket | 7-3/4" (197 mm) | 2.0 |
| NRHD2 | 11" (279.4 mm) | 3.25 lbs. (1.47 kg) | 3.25 NEW! |

Impact Socket Adapters

- 7/16" hex quick-change adapter.
- Fine-tuned ball detent provides improved retention, minimizing drops.
- Do not exceed 200 ft. lbs of torque.



NRHDA



NRHDA2

| Cat. No. | Description | Length | Weight (oz.) |
|----------|-----------------------------|--------|------------------|
| NRHDA | Distribution Socket Adapter | 7/16" | 5.8 |
| NRHDA2 | Transmission Socket Adapter | 7/16" | 10.9 NEW! |

Lineman's Ratcheting 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.
- KT155T and KT155HD also offer two popular wrench sizes: 9/16" and 3/4".
- Heavy duty design (KT155HD).



KT151T



KT155HD



KT155T

| Cat. No. | Description | Length | Weight (lbs.) |
|----------|--|-----------------|---------------|
| KT151T | Ratcheting Lineman's Wrench | 13" (330 mm) | 2.12 |
| KT155HD | Ratcheting Lineman's Wrench – Heavy Duty | 12" (305 mm) | 2.10 |
| KT155T | 5-in-1 Lineman's Wrench | 9-3/8" (238 mm) | 1.42 |

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.



Specialty Wrenches

Lineman's 4-in-1 Box Wrenches

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



KT223X4-INS

KT223X4

| Cat. No. | Description | Socket Size | Length | Weight (lbs.) |
|-------------|---------------------------------|--------------------------|-------------|---------------|
| KT223X4-INS | Insulating Lineman's Box Wrench | 1/2", 9/16", 5/8" & 3/4" | 9" (229 mm) | .70 |
| KT223X4 | Lineman's Ratcheting Box Wrench | 1/2", 9/16", 5/8" & 3/4" | 9" (229 mm) | .70 |

Construction Wrenches

Adjustable-Head Construction Wrenches

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



3239

| Cat. No. | Max. Size Capacity | 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 |

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

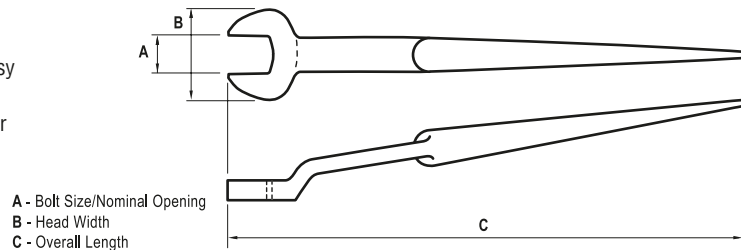
| Cat. No. | Overall Length | Weight (lbs.) |
|----------|----------------|---------------|
| 3238 | 15" (381 mm) | 2.10 |

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



| 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.



57060

| Cat. No. | Description | Weight (lbs.) |
|----------|--------------------------------------|---------------|
| 57060 | master electrician's torque tool kit | 9.55 |

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



Journeyman™ T-Handle Hex-Keys

Features:

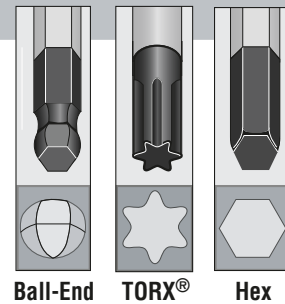
Tip-Ident® sizes marked

JOURNEYMAN™

Blade-through handle design for high torque applications.

T-handle design delivers maximum power.

Soft touch grips for maximum control and comfort.

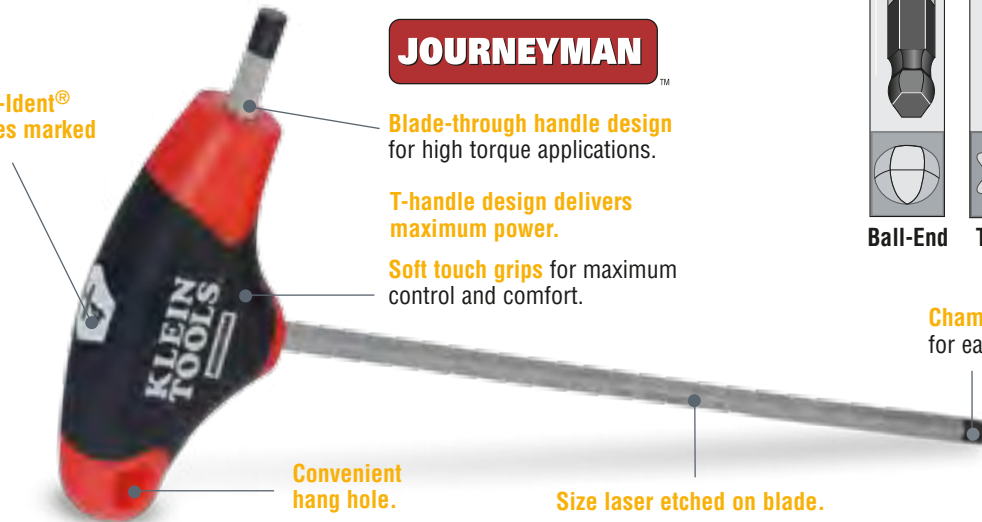


Ball-End

TORX®

Hex

Chamfered end for ease of use.



Convenient hang hole.

Size laser etched on blade.

T-Handle Ball-End Hex-Key Set with Stand – Inch

Additional features

- Metal stand for convenient hanging, storage on bench or wall.
- Short blade-through handle provides maximum tool versatility.

6" Length

| Cat. No. | Set Contains | Weight (lbs.) |
|-----------|--------------|---------------|
| JTH610EB | | 3.0 |
| Cat. No. | Hex Size | Blade Length |
| JTH6E06BE | 3/32" | 6" (152 mm) |
| JTH6E07BE | 7/64" | 6" (152 mm) |
| JTH6E08BE | 1/8" | 6" (152 mm) |
| JTH6E09BE | 9/64" | 6" (152 mm) |
| JTH6E10BE | 5/32" | 6" (152 mm) |
| JTH6E11BE | 3/16" | 6" (152 mm) |
| JTH6E12BE | 7/32" | 6" (152 mm) |
| JTH6E13BE | 1/4" | 6" (152 mm) |
| JTH6E14BE | 5/16" | 6" (152 mm) |
| JTH6E15BE | 3/8" | 6" (152 mm) |



JTH610EB

T-Handle Ball-End Hex-Keys – Inch

Additional features

- Short blade-through handle provides maximum tool versatility.
- Black oxide tips for precision fit.

6" Length

| Cat. No. | Hex Size | Blade Length | Weight (lbs.) |
|-----------|----------|--------------|---------------|
| JTH6E06BE | 3/32" | 6" (152 mm) | .04 |
| JTH6E07BE | 7/64" | 6" (152 mm) | .05 |
| JTH6E08BE | 1/8" | 6" (152 mm) | .06 |
| JTH6E09BE | 9/64" | 6" (152 mm) | .07 |
| JTH6E10BE | 5/32" | 6" (152 mm) | .12 |
| JTH6E11BE | 3/16" | 6" (152 mm) | .14 |



JTH6E13BE

| Cat. No. | Hex Size | Blade Length | Weight (lbs.) |
|-----------|----------|--------------|---------------|
| JTH6E12BE | 7/32" | 6" (152 mm) | .17 |
| JTH6E13BE | 1/4" | 6" (152 mm) | .27 |
| JTH6E14BE | 5/16" | 6" (152 mm) | .35 |
| JTH6E15BE | 3/8" | 6" (152 mm) | .45 |
| JTH6E17BE | 1/2" | 6" (152 mm) | .70 |

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT use a pipe or similar extension to increase leverage.

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

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

| 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

| 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) |



JTH610E

9" Length

| Cat. No. | Set Contains | Weight (lbs.) |
|----------|--------------|---------------|
| JTH910E | | 3.56 |

| Cat. No. | Hex Size | Blade Length |
|----------|----------|--------------|
| JTH9E06 | 3/32" | 9" (229 mm) |
| JTH9E07 | 7/64" | 9" (229 mm) |
| JTH9E08 | 1/8" | 9" (229 mm) |
| JTH9E09 | 9/64" | 9" (229 mm) |
| JTH9E10 | 5/32" | 9" (229 mm) |
| JTH9E11 | 3/16" | 9" (229 mm) |
| JTH9E12 | 7/32" | 9" (229 mm) |
| JTH9E13 | 1/4" | 9" (229 mm) |
| JTH9E14 | 5/16" | 9" (229 mm) |
| JTH9E15 | 3/8" | 9" (229 mm) |

T-Handle Hex-Keys – Inch

Additional features

- Short blade-through handle provides maximum tool versatility.
- Black oxide tips for precision fit.



JTH6E15

4" Length

| 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

| 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

| 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: 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.



T-Handle Ball-End Hex-Key Set with Stand – Metric

Additional features

- Metal stand for convenient mounting on bench or wall.
- Short blade-through handle provides maximum tool versatility.

6" Length

| Cat. No. | Set Contains | Weight (lbs.) |
|-----------|--------------|---------------|
| JTH68MB | | 2.7 |
| Cat. No. | Hex Size | Blade Length |
| JTH6M2BE | 2 mm | 6" (152 mm) |
| JTH6M25BE | 2.5 mm | 6" (152 mm) |
| JTH6M3BE | 3 mm | 6" (152 mm) |
| JTH6M4BE | 4 mm | 6" (152 mm) |
| JTH6M5BE | 5 mm | 6" (152 mm) |
| JTH6M6BE | 6 mm | 6" (152 mm) |
| JTH6M8BE | 8 mm | 6" (152 mm) |
| JTH6M10BE | 10 mm | 6" (152 mm) |



JTH68MB

T-Handle Ball-End Hex-Keys – Metric

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 |



JTH6M8BE

T-Handle Hex-Key Sets with Stand – Metric

Additional features

- Metal stand for convenient mounting on bench or wall.
- Short blade-through handle provides maximum tool versatility.

6" Length

| 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

| 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) |



JTH68M



▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT use a pipe or similar extension to increase leverage.

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

T-Handle Hex-Keys – Metric

Additional features

- Short blade-through handle provides maximum tool versatility.
- Black oxide tips for precision fit.

6" Length

| 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 |



JTH6M8

9" Length

| 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®

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 | <table border="1"> <thead> <tr> <th>Cat. No.</th> <th>Hex Size</th> <th>Blade Length</th> </tr> </thead> <tbody> <tr> <td>JTH6T10</td> <td>T10</td> <td>6" (152 mm)</td> </tr> <tr> <td>JTH6T15</td> <td>T15</td> <td>6" (152 mm)</td> </tr> <tr> <td>JTH6T20</td> <td>T20</td> <td>6" (152 mm)</td> </tr> <tr> <td>JTH6T25</td> <td>T25</td> <td>6" (152 mm)</td> </tr> <tr> <td>JTH6T27</td> <td>T27</td> <td>6" (152 mm)</td> </tr> <tr> <td>JTH6T30</td> <td>T30</td> <td>6" (152 mm)</td> </tr> <tr> <td>JTH6T40</td> <td>T40</td> <td>6" (152 mm)</td> </tr> </tbody> </table> | 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) | 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

T-Handle Hex-Keys – TORX®

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

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

▲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.



Folding Hex-Key Sets

Hex-Key Sets

- Two key positions (straight-out or right angle) for extra leverage.
- Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket.
- Handy sets fit in your pocket or tool box easily and help eliminate the lost key problem.



70579

| Cat. No. | Description | Handle Length | Key Lengths | Weight (lbs.) |
|------------------------------|--|-----------------|----------------------------------|---------------|
| Hex-Key Sets – Inch | | | | |
| 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 |
| Hex-Key Sets – Metric | | | | |
| 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.



70586

| 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.

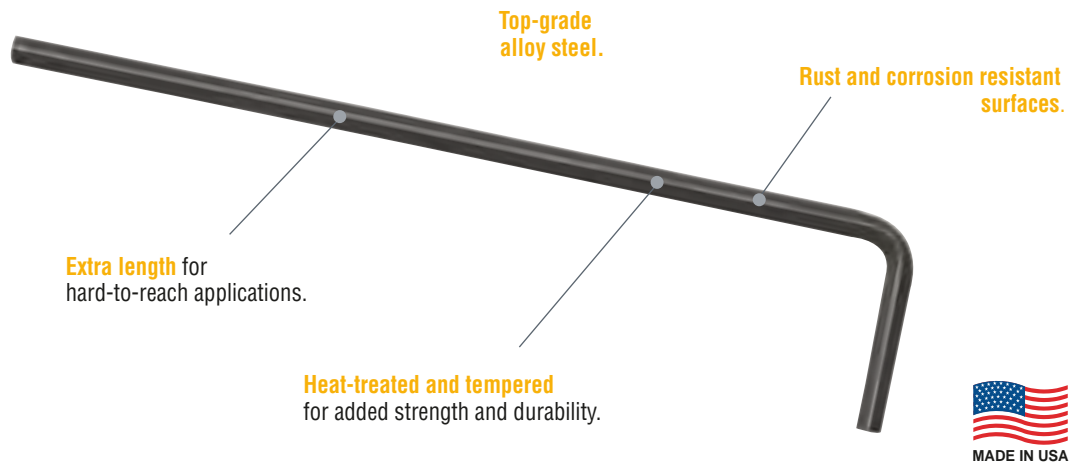
▲WARNING: Do NOT use a pipe or similar extension to increase leverage.

▲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 organized in convenient, durable caddy sets.
- Each set contains a unique locking feature and marked slots for each key.
- Ball-end works on angles up to 30°.



12-Piece Ball-End Hex-Key Set – Inch

| Cat. No. | Set Contains | Weight (lbs.) |
|----------|--------------|---------------|
| BLK12 | | .53 |

| Cat. No. | Hex Size | Size and Length | |
|----------|----------|------------------|-----------------|
| | | 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" |



BLK12

9-Piece Ball-End Hex-Key Set – Metric

| Cat. No. | Set Contains | Weight (lbs.) |
|----------|--------------|---------------|
| BLMK10 | | .62 |

| Cat. No. | Hex Size | Size and Length | |
|----------|----------|------------------|-----------------|
| | | 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 organized in convenient, durable caddy sets.
- Caddy contains a unique locking feature and marked slots for each key.



12-Piece Hex-Key Set – Inch

| Cat. No. | Set Contains | Size and Length | | Weight (lbs.) |
|----------|--------------|------------------|-----------------|---------------|
| LLK12 | | | | .54 |
| Cat. No. | Hex Size | 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 | Size and Length | | Weight (lbs.) |
|----------|--------------|------------------|-----------------|---------------|
| LMK10 | | | | .63 |
| Cat. No. | Hex Size | 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" | |

LLK12

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 | |
| Ball-End Hex-Key – Inch | | | | |
| 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 | |
| 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

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 | | |
|----------|----------|------------------|-----------------|---------------|
| | | Short Arm Length | Long Arm Length | Weight (lbs.) |
| 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

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 | | |
|----------|----------|------------------|-----------------|---------------|
| | | Short Arm Length | Long Arm Length | Weight (lbs.) |
| 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.



▲WARNING: Always wear approved eye protection.

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

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

Features:

Large, high visibility vials are easy to read.

Handy V-grooved edge for pipe and conduit work.

Extruded, die-cast aluminum frame features a convenient built-in hang hole.

Precision edges for accuracy.

Laser-etched rule and markings for high visibility readings.

Powerful rare earth magnets firmly hold the level to ferrous metals.



Magnetic Torpedo Level



930-9

Additional Features:

- Lightweight, precision-made for durability and performance.
- Convenient 9" length for use in tight spaces.
- Three acrylic vials – plumb, level and 45° provide the necessary jobsite measurements.
- Magnetized strip on bottom.

| Cat. No. | Overall Length | Weight |
|----------|----------------|--------------------|
| 930-9 | 9" (229 mm) | .25 lbs. (0.12 kg) |

Rare Earth Magnetic Torpedo Level



931-9RE

Additional Features:

- Powerful rare earth magnets, 10x stronger than strip magnets, hold firmly to iron and steel surfaces.
- Three acrylic vials – plumb, level and 45° provide the necessary jobsite measurements.
- Top read level window simplifies viewing in tight areas.

| Cat. No. | Overall Length | Weight |
|----------|----------------|--------------------|
| 931-9RE | 9" (229 mm) | .42 lbs. (0.19 kg) |

6" Electrician's Level



931-6RE

Additional Features:

- Unique 3-point design holds securely to conduit.
- For use in measuring bends in conduit.
- Machined billet aluminum design.

| Cat. No. | Overall Length | Weight |
|----------|----------------|---------------------|
| 931-6RE | 6" (152 mm) | .325 lbs. (0.15 kg) |

▲WARNING: 931-6RE and 9317RE brass bolt contains lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.

9" Torpedo Level



932-9RE

Additional Features:

- Easy to read vials set for measurements at 0, 30, 45 and 90 degrees.
- Machined billet aluminum design.

| Cat. No. | Overall Length | Weight |
|----------|----------------|--------------------|
| 932-9RE | 9" (229 mm) | .46 lbs. (0.21 kg) |

All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: Always wear approved eye protection.



Levels

Accu-Bend™ Level



9317RE

Additional Features:

- Ensures precise 90° bends.
- Eliminates dog legs in conduit bends.
- 3 points of contact for superior hold to conduit.
- Relaxed V-Groove accepts up to 1" conduit.
- Solid aluminium frame for extreme durability.



| Cat. No. | Overall Length | Weight |
|----------|----------------|--------------------|
| 9317RE | 2-1/2" (64 mm) | .162 lbs (0.07 kg) |

⚠WARNING: 931-6RE and 9317RE brass bolt contains lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.

9" Torpedo Lighted Level



9330RE

Additional Features:

- Lights up for maximum visibility.
- 3-minute auto shut-off saves battery life.
- Includes 2 AAA batteries.
- Water and impact resistant.
- Easy to read vials set for measurements at 0, 45 and 90 degrees.
- Machined billet aluminum design.

| Cat. No. | Overall Length | Weight |
|----------|----------------|---------------------|
| 9330RE | 9" (229 mm) | .525 lbs. (0.24 kg) |



Tape Measures

Features:

Clean corner access for flush edge measurements.

Steel belt clip for convenience.

Non-marring foot slides for a clean work surface.



Non-slip rubber case for comfort.

Non-flip case with nylon coated blades that resist abrasion and wear.

True zero feature for accurate inside and outside measuring.

Large rare earth magnetic end hooks for 5x the strength.

Tape Measures – Magnetic



93225



Rare earth magnets are 5x stronger!
Screws securely hold magnets in place.

Additional Features:

- First 11" (279 mm) has oversized, bold numbers (except 93275).
- Easy read fractional scale (except 93275).
- Double-sided rule for measurement while using against wall, ceiling or conduit.
- Horizontal and vertical standout for easy one person measurements.
- Shock and impact resistant case.

| Cat. No. | Blade Length | Hook | Weight |
|----------|--------------|--------|--------------------|
| 93116 | 16' (5 m) | single | .63 lbs. (0.29 kg) |
| 93125 | 25' (7.5 m) | single | .91 lbs. (0.41 kg) |
| 93225 | 25' (7.5 m) | double | .94 lbs. (0.43 kg) |
| 93275* | 7.5 m (25') | double | .94 lbs. (0.43 kg) |
| 93430 | 30' (9 m) | double | 1.2 lbs. (0.54 kg) |

*Note: 93275 features both centimeters and inches on both sides of blade.

Tape Measure – 25 Feet



93025

Additional Features:

- Oversized, bold blade numbers on first 11" (279 mm) for easy reading.
- 16" stud markings and 19.2" truss markings.
- Non-magnetic single hook.
- Rubberized lock button for comfort.
- Impact absorbing case.

| Cat. No. | Blade Length | Hook | Weight |
|----------|--------------|--------|--------------------|
| 93025 | 25' (7.5 m) | single | .84 lbs. (0.38 kg) |

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.



Tape Measures

Tape Measures – Steel with High-Visibility Case

- High-visibility, high-impact orange case makes it easy to find in a tool box, pouch and on the jobsite.
- 16" stud markings and 19.2" truss markings.
- Made in the USA.



| Cat. No. | Blade Length | Width | Weight |
|----------|--------------|--------------|---------------------|
| 928-16HV | 16' (4.5 m) | 3/4" (19 mm) | .46 lbs. (0.21 kg) |
| 928-25HV | 25' (7.5 m) | 1" (25 mm) | 1.00 lbs. (0.45 kg) |

928-25HV

Tape Measure Holders

- Klein offers a complete selection of leather or nylon Tape Holders and Pouches.



5195



5707

| Tape Measure | Cat No. | Description |
|------------------------|---------|--------------------------------|
| 93116, 928-16HV | 5194 | small leather pouch |
| | 5707 | nylon tape measure clip/holder |
| 93025, 93125 | 5195 | medium leather pouch |
| | 5707 | nylon tape measure clip/holder |
| 93225, 93275, 928-25HV | 5196 | large leather pouch |
| | 5707 | nylon tape measure clip/holder |
| 93430 | 5712 | nylon pouch |

Folding Rules

Wood Folding Rules



901-6

- 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 |
|--|---------|-------------|--------------------|
| 900-6 | inside | 6' (183 cm) | .33 lbs. (0.15 kg) |
| 901-6 | outside | 6' (183 cm) | .33 lbs. (0.15 kg) |
| 6-Ft. Folding Rule — with Extension | | | |
| 905-6 | outside | 6' (183 cm) | .33 lbs. (0.15 kg) |

Fiberglass Folding Rules



910-6

- 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 |
|----------|---------|-------------|--------------------|
| 910-6 | inside | 6' (183 cm) | .33 lbs. (0.15 kg) |
| 911-6 | outside | 6' (183 cm) | .33 lbs. (0.15 kg) |

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.
- 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 |
|----------|-------------|--------------|---------------------|
| 946-50 | 50' (15 m) | 1/2" (13 mm) | .80 lbs. (0.36 kg) |
| 946-100 | 100' (30 m) | 1/2" (13 mm) | 1.20 lbs. (0.54 kg) |



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 an open reel and is easy to handle and rewind.

| Cat. No. | Length | Width | Weight |
|----------|-------------|--------------|---------------------|
| 946-150 | 150' (46 m) | 1/2" (13 mm) | 1.70 lbs. (0.77 kg) |



946-150



Fish Tapes, Accessories & Conduit Tools

Pulling wire and working with conduit is very challenging without the proper tools. Klein Tools complete line of wire pulling tools allow you to get the job done while saving time, effort and materials.

For Professionals... Since 1857®



Fish Tapes

Features:

Polypropylene case and handle offer the maximum in impact resistance.

Round inner ring design provides a smooth, surface for winding and rewinding.

Laser etched markings in 1' increments* allow you to more accurately measure the depth of conduit runs and determine the amount of tape left to pay out.



*except nylon & spiral steel



Unique sloped handle optimizes hand position for quick hand-over-hand rewinds.

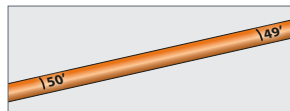
Raised finger Grips transfer 100% of the winding power from your hand and fingers.

Available in steel, fiberglass and nylon with a wide variety of tips.

Fiberglass Fish Tapes

Additional Features:

- Designed for flexibility and easy navigation through conduit runs.
- Non-conductive, fiberglass fish tape slides easily over existing wires and through multiple bends.
- Durable 7" leader helps push through crowded conduit.
- The lightweight and strong fiberglass composite tape resists harsh elements and is strength rated up to 500 pulling pounds.
- Repair kit (Cat. No. 56115) available to replace tips.
- Replacement metal eyelets (Cat. No. 56116) and spiral steel leaders (Cat. No. 56120) available.



1' permanent laser etched descending increments.



56010

| Cat. No. | Tape Size | Reel Diameter | Weight |
|----------|--|---------------|--------------------|
| 56009 | 50' L x 3/16" W (7" leader) (15 m L x 4.8 mm W) | 13" (330 mm) | 2.8 lbs. (1.27 kg) |
| 56010 | 100' L x 3/16" W (7" leader) (30 m L x 4.8 mm W) | 13" (330 mm) | 3.5 lbs. (1.59 kg) |
| 56014 | 200' L x 3/16" W (7" leader) (60 m L x 4.8 mm W) | 17" (432 mm) | 6.2 lbs. (2.81 kg) |

Replacement Parts

| | | |
|-------|---------------------------------|--------------------|
| 56115 | fiberglass fish tape repair kit | 2.18 lbs. (0.1 kg) |
| 56116 | replacement eyelets | .06 lbs. (0.03 kg) |
| 56120 | replacement flexible leaders | .11 lbs. (0.05 kg) |



56115

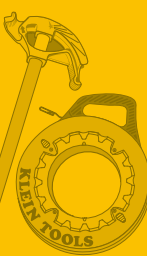
All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: Always wear approved eye protection.

▲WARNING: Never remove screws while fish tape is coiled inside reel.

▲WARNING: NEVER use on or near live electrical circuits.

▲WARNING: Use a safe work position to avoid loss of balance.

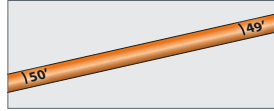


Fish Tapes

Non-Conductive Fiberglass Fish Tape

Additional Features:

- Non-conductive fish tape and eyelet tip offer added protection against shock from energized sources.
- Protects existing wires from damage when fishing.
- Eyelet slides easily over existing wires and through multiple bends.
- The lightweight, strong fiberglass tape is strength rated for up to 500 pulling pounds and provides greater pushing power.
- Exclusively designed eyelet incorporates a wire trough that allows you to lay wire in eyelet making head smaller and easier to navigate through packed pipe.
- Repair kit (Cat. No. 56025) available to replace non-conductive tips.
- Replacement metal eyelets (Cat. No. 56116) and spiral steel leaders (Cat. No. 56120) available.



1' permanent laser etched descending increments.



56024

| Cat. No. | Tape Size | Reel Diameter | Weight |
|-------------------|--|---------------|--------------------|
| 56024 | 100' L x 3/16" W (30 m L x 4.8 mm W) | 13" (330 mm) | 2.8 lbs. (1.27 kg) |
| Replacement Parts | | | |
| 56025 | non-conductive fiberglass fish tape repair kit | | .03 lbs. (0.01 kg) |



56025

Nylon Fish Tapes

Additional Features:

- Designed for flexibility and easy navigation through conduit runs.
- Non-conductive fish tape slides easily over existing wires and through multiple bends.
- The lightweight and strong nylon tape resists harsh elements and is strength rated up to 200 pulling pounds.



56012

| Cat. No. | Tape Size | Reel Diameter | Weight |
|----------|--------------------------------------|---------------|--------------------|
| 56011 | 50' L x 3/16" W (15 m L x 4.8 mm W) | 13" (330 mm) | 2.3 lbs. (1.04 kg) |
| 56012 | 100' L x 3/16" W (30 m L x 4.8 mm W) | 13" (330 mm) | 3.0 lbs. (1.36 kg) |

Spiral Steel Fish Tapes

Additional Features:

- Designed for super flexibility and easy navigation through conduit runs.
- Slides easily over existing wires and through multiple bends.
- The durable spiral steel tape construction yields a maximum pulling force of up to 500 lbs.



56013

| Cat. No. | Tape Size | Reel Diameter | Weight |
|----------|-------------------------------------|---------------|--------------------|
| 56013 | 50' L x 3/16" W (15 m L x 4.8 mm W) | 13" (330 mm) | 5.1 lbs. (2.31 kg) |

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: Never remove screws while fish tape is coiled inside reel.

▲WARNING: Use a safe work position to avoid loss of balance.



Fish Tapes

1/8" Wide Steel Fish Tapes

Additional Features:

- High strength spring steel fish tapes are stiff for long runs and are great for heavy duty wire pulls.
- Full grip style handle gives you a firm, steady grip as you pull tape from the case.
- Stainless Steel fish tape (Cat. Nos. 56007, 56008) is corrosion resistant and extends the life of the tool.



1' permanent laser etched descending increments.



56001

56002

56003

| Cat. No. | Tape Size | Reel Diameter | Weight |
|---|--|---------------|--------------------|
| Stainless Steel for corrosion resistance | | | |
| 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 lbs. (2.13 kg) |
| 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 lbs. (3.40 kg) |
| Flat Steel | | | |
| 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 lbs. (0.45 kg) |
| 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 lbs. (0.59 kg) |
| 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 lbs. (1.18 kg) |
| 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 lbs. (2.13 kg) |
| 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 lbs. (3.40 kg) |
| Replacement Tapes | | | |
| 56065 | 65' L x 1/8" W x .062" H (19 m L x 3 mm W x 1.5 mm H) | - | 1.7 lbs. (0.77 kg) |
| 56125 | 125' L x 1/8" W x .062" H (38 m L x 3 mm W x 1.5 mm H) | - | 3.3 lbs. (1.50 kg) |
| 56240 | 240' L x 1/8" W x .062" H (73 m L x 3 mm W x 1.5 mm H) | - | 6.1 lbs. (2.77 kg) |

1/4" Wide Steel Fish Tapes

Additional Features:

- Tempered, high quality tape keeps its stability as it glides between surfaces for effective pushing and pulling of wire under carpets, through insulated walls and over suspended ceilings.
- 25' length with no snag tip, is perfect for short wire runs associated with light commercial, residential and voice-data-video-audio installations (Cat. No. 56005).



56005 has a no snag plastic tip



1' permanent laser etched descending increments.



56005

| Cat. No. | Tape Size | Reel Diameter | Weight |
|----------|--|---------------|--------------------|
| 56005 | 25' 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 lbs. (0.50 kg) |
| 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 lbs. (3.08 kg) |

All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: Always wear approved eye protection.

▲WARNING: Never remove screws while fish tape is coiled inside reel.

▲WARNING: NEVER use on or near live electrical circuits.

▲WARNING: Use a safe work position to avoid loss of balance.



Fish Tape Accessories

Fish Tape Puller

- Exclusive design improves your grip while pulling round-diameter, composite fish tapes.
- Flexible rubberized construction is comfortable in your hand and provides excellent leverage.
- 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 nylon, fiberglass and spiral steel tapes.

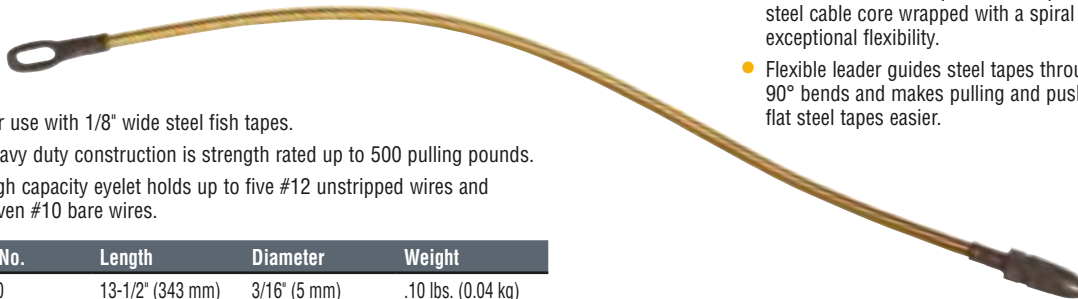


| Cat. No. | Length | Weight |
|----------|-----------------|-------------------|
| 56106 | 7-3/4" (196 mm) | .6 lbs. (0.27 kg) |

56106

13" Flexible Leader for Steel Fish Tapes

- For use with 1/8" wide steel fish tapes.
- Heavy duty construction is strength rated up to 500 pulling pounds.
- High capacity eyelet holds up to five #12 unstripped wires and seven #10 bare wires.



- Retrofit instructions included.
- The 3/16" diameter tape has a rustproof inner steel cable core wrapped with a spiral cover for exceptional flexibility.
- Flexible leader guides steel tapes through 90° bends and makes pulling and pushing flat steel tapes easier.

| Cat. No. | Length | Diameter | Weight |
|----------|------------------|--------------|--------------------|
| 50350 | 13-1/2" (343 mm) | 3/16" (5 mm) | .10 lbs. (0.04 kg) |

50350

6 Loop Wire Pulling Leader

- 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.



56107

| Cat. No. | Length | Weight |
|----------|------------------|-------------------|
| 56107 | 11-1/4" (285 mm) | .2 lbs. (0.09 kg) |

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 |
|----------|----------------|--------------------|
| 50355 | 3-1/4" (83 mm) | .33 lbs. (0.15 kg) |

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.



50351

| Cat. No. | Length | Diameter | Weight |
|----------|----------------|--------------|--------------------|
| 50351 | 1-1/2" (38 mm) | 3/16" (5 mm) | .03 lbs. (0.01 kg) |

All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: Always wear approved eye protection.

▲WARNING: Never remove screws while fish tape is coiled inside reel.

▲WARNING: NEVER use on or near live electrical circuits.

▲WARNING: Use a safe work position to avoid loss of balance.



Fish Tape Accessories

Fiberglass Fish Tape Repair Kit

- Contains high leverage ratcheting crimper, two replacement eyelets, two 7" replacement leaders, one tube of quick dry glue and comprehensive instructions.
- Multi-function ratcheting crimper (Cat. No. 56115V) cuts tape cleanly, strips tapes and crimps on new attachments.
- Newly crimped on eyelets meet or exceed original factory pulling strength requirements.
- Protective carry case firmly holds all tools and additional parts in handy, organized compartments.



| Cat. No. | Set Contains | Weight |
|----------|---|--------------------|
| 56115 | high leverage crimper (1 ea.), 7" flexible leader (2 ea.), eyelets (2 ea.), tube quick-drying glue (1 ea) | 2.18 lbs. (0.1 kg) |

56115

2-Pack 7" Replacement Flexible Leaders & 6-Pack Replacement Eyelets

- For use only with fiberglass fish tapes (Cat. No. 56009, 56010 & 56014).
- Not compatible with nylon fish tapes (Cat. No. 56011 & 56012).
- Attach with Klein Tools ratcheting crimper (Cat. No. 56115V) available in kit 56115 only.



56120

| Cat. No. | Length | Weight |
|----------|----------------|--------------------|
| 56120 | 8.94" (227 mm) | .11 lbs. (0.05 kg) |
| 56116 | 1.5" (38 mm) | .06 lbs. (0.03 kg) |

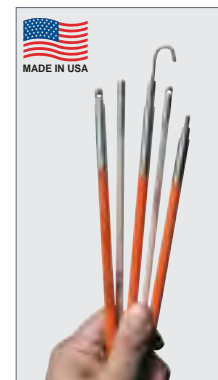


56116

Fish Rods & Accessories

Fish and Glow Rods

- Exclusive Splinter Guard™ protection from painful fiberglass splinters
- Variety of flexibilities and lengths for any application such as walls, drop ceilings, attics, crawl spaces, etc.
- LO flex – long, straight feeding; HIGH flex – tight bends in walls; MID flex – all needs in between
- Luminescent glow rods provide added visibility in dark work spaces. Shines 2X brighter and lasts 2X longer than ordinary glow rods.
- Rods have threaded connectors to attach to desired length and prevent snagging on obstructions.
- Sets include bull nose and hook attachments to attach and grab wires



56325



56418

| Cat. No. | Description | Set Contains | Overall Length | Diameter | Weight |
|------------------|---------------------------|--|----------------|-------------------------------|---------------------|
| Fish Rods | | | | | |
| 56304 | 4' Lo-Flex Fish Rod | N/A | 4' (1.2 m) | 1/4" (6.4 mm) | 0.3 lbs. (0.14 kg) |
| 56306 | 6' Lo-Flex Fish Rod | N/A | 6' (1.8 m) | 1/4" (6.4 mm) | 0.4 lbs. (0.18 kg) |
| 56312 | 12' Lo-Flex Fish Rod Set | (3) 1/4" diameter 4' fish rods with bullet nose and hook attachments | 12' (3.7 m) | 1/4" (6.4 mm) | 1.05 lbs. (0.48 kg) |
| 56324 | 24' Lo-Flex Fish Rod Set | (4) 1/4" diameter 6' fish rods with bullet nose and hook attachments | 24' (7.3 m) | 1/4" (6.4 mm) | 1.85 lbs. (0.84 kg) |
| 56325 | 25' Fish and Glow Rod Set | (5) 1/4" diameter 4' fish rods, (1) 3/16" diameter 5' glow rod with bullet nose and hook attachments | 25' (7.6 m) | 1/4" and 3/16" (6.4 and 5 mm) | 1.8 lbs. (0.82 kg) |
| Glow Rods | | | | | |
| 56405 | 5' Mid-Flex Glow Rod | | 5' (1.5 m) | 3/16" (5 mm) | 0.2 lbs. (0.14 kg) |
| 56406 | 6' Hi-Flex Glow Rod | | 6' (1.8 m) | 5/32" (3 mm) | 0.2 lbs. (0.18 kg) |
| 56409 | 9' Mid-Flex Glow Rod Set | (6) 3/16" diameter 18" glow rods with bullet nose and hook attachments | 9' (2.7 m) | 3/16" (5 mm) | 0.55 lbs. (0.25 kg) |
| 56415 | 15' Mid-Flex Glow Rod Set | (3) 3/16" diameter 5' glow rods with bullet nose and hook attachments | 15' (4.6 m) | 3/16" (5 mm) | 0.85 lbs. (0.39 kg) |
| 56418 | 18' Hi-Flex Glow Rod Set | (3) 5/32" diameter 6' glow rods with bullet nose and hook attachments | 18' (5.5 m) | 5/32" (3mm) | 0.85 lbs. (0.39 kg) |



Accessories

Illuminated Fish Rod Tip

- Lights up for maximum visibility in dark spaces.
- Bright white, omni-directional LED light for long life.
- Tapered end for easy pushing and pulling.
- Threaded top for hook or bullet nose attachment (not included).
- Fits drilled holes as small as 5/8".
- Compatible with 1/4", 3/16" and 5/32" diameter rods.
- Replaceable batteries included.

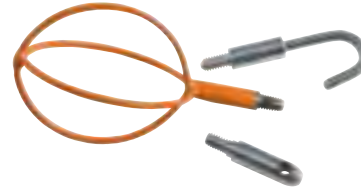


56119

| Cat. No. | Description | Dimensions | Weight |
|----------|--------------------------|--------------------------|-----------------|
| 56119 | illuminated fish rod tip | 2.5" L x 37/64" diameter | 5.0 oz. (142 g) |

Fish Rod Accessories

| Cat. No. | Description | Set Contains | Weight |
|----------|--|---|--------------------|
| 56104 | 3-piece fish and glow rod attachment set | (1 ea.) whisk attachment (1 ea.) bullet nose attachment (1 ea.) hook attachment | .2 oz. (5.7 g) |
| 50992 | hook and bullet nose replacements | n/a | .32 oz. (9.1 g) |



56104

- Attachments help guide, grab, attach and steer wire or cable.
- Compatible with 1/4", 3/16", and 5/32" rod sizes.

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 |
|----------|--------------------------------|------------------|-----------------|---------------|-------------------|
| 56105 | WireSpanner™ installation tool | 54" (1.3 m) | 22' (6.7 m) | 2" (50 mm) | 4 lbs. (1.8 kg) |
| 56118 | WireSpanner™ carry case | - | - | - | 0.4 lbs. (0.2 kg) |

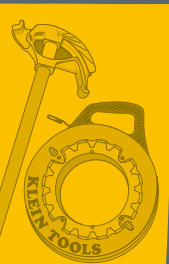
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▲WARNING: Always wear approved eye protection.

▲WARNING: NEVER use on or near live electrical circuits.

▲WARNING: Never remove screws while fish tape is coiled inside reel.

▲WARNING: Use a safe work position to avoid loss of balance.



Wire Pulling Lubricant

One-Quart Premium Synthetic Clear Lubricant

- Designed for use primarily in finished workspaces (i.e. around painted walls and carpeted floors).
- The crystal clear formulation is easy to clean-up and will not stain.
- Excellent all purpose lubricant for electrical or datacom applications.
- Compatible with most types of cable jackets.
- Temperature stable - will not separate out in hot environments for when exposed to freezing.

| Cat. No. | Container | Temperature Use Range | Weight |
|----------|--------------------------|-------------------------------------|--------------------|
| 51028 | one-quart squeeze bottle | 20° F to 120° F (-5° C to 50° C) | 2.3 lbs. (1.04 kg) |



51028

Premium Synthetic Wax[®]

- High performance lubricant for general electrical and utility applications.
- Temperature stable and does not liquify and drop off after high temperature exposure.
- Compatible with most types of cable, including low density polyethylene.
- Superior “clingability” coats wires and conduit evenly.
- Exceptional lubricity.
- Non-staining, slow-drying, easy clean-up formula.

| Cat. No. | Container | Temperature Use Range | Weight |
|----------|-----------------------------------|-------------------------------------|---------------------|
| 51010 | one-quart squeeze bottle | 20° F to 122° F (-6° C to 50° C) | 2.3 lbs. (1.0 kg) |
| 51012 | one-gallon pail | 20° F to 122° F (-6° C to 50° C) | 8.8 lbs. (3.9 kg) |
| 51013 | five-gallon pail | 20° F to 122° F (-6° C to 50° C) | 44 lbs. (19.9 kg) |
| 56117 | one-quart squeeze bottle - 6 pack | 20° F to 122° F (-6° C to 50° C) | 13.5 lbs. (6.12 kg) |



51010

51012

Premium Synthetic Polymer[®]

- Excellent all-purpose lubricant for electrical, telecommunications and data applications.
- Easy-to-apply gel clings instantly to the cable for easy handling and application.
- Compatible with most types of cable, including polyethylene and semi conducting jackets.
- Superior “clingability” coats wires and conduit evenly.
- Non-staining, slow-drying, easy clean-up formula.

| Cat. No. | Container | Temperature Use Range | Weight (lbs.) |
|----------|--------------------------|-------------------------------------|-------------------|
| 51015 | one-quart squeeze bottle | 20° F to 140° F (-6° C to 60° C) | 2.3 lbs. (1.1 kg) |
| 51017 | one-gallon pail | 20° F to 140° F (-6° C to 60° C) | 8.8 lbs. (3.9 kg) |
| 51018 | five-gallon pail | 20° F to 140° F (-6° C to 60° C) | 44 lbs. (19.9 kg) |



51015

51017

CERTIFIED TO CSA
STANDARD C22.2 NO. 249-96

All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: Do not use wet product on live circuits. Compound is electrically conductive before it dries.



Wire Pulling Supplies

Poly Pull Line

- Use polypropylene line with manual or power fishing systems for light duty cable or rope pulling applications.
- Ready to use storage containers quickly dispense a tangle free line and also protects line from direct sunlight.
- Line is resistant to rot and mildew.
- Up to 210 lbs. average breaking strength.

| Cat. No. | Description | Container Type | Weight |
|----------|--|------------------------------|------------------|
| 56108 | 500' (152 m) poly pull line with orange tracer | one-quart size w/locking lid | 1 lbs. (0.45 kg) |
| 56110 | 6500' (1981 m) poly pull line with orange tracer | five-gallon bucket | 11 lbs. (4.9 kg) |



56108

56110

Conduit Tools

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 greater cutting and gripping power than other plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.



J2000-9NECRTP

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Handle Finish | Handle Color | Weight |
|--|-------------|-----------------|------------------|-----------------|---------------|----------------|----------------|------------------|-------------------|
| D213-9NETP | New England | 9-3/8" (238 mm) | 1-19/32" (41 mm) | 1-1/14" (32 mm) | 5/8" (16 mm) | 25/32" (20 mm) | plastic-dipped | dark blue | 1.1 lbs. (0.5 kg) |
| Journeyman Series – Dual-material handles | | | | | | | | | |
| 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 | 1.1 lbs. (0.5 kg) |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | | | |
| 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 | 1.1 lbs. (0.5 kg) |
| Journeyman 2000 Series* – Dual-material handles | | | | | | | | | |
| 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 | 1.1 lbs. (0.5 kg) |
| 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 | 1.1 lbs. (0.5 kg) |

*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.



D333-8

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Point Thickness | Handle Finish | Handle Color | Weight |
|----------|-----------------|----------------|----------------|---------------|-----------------|----------------|--------------|--------------------|
| 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 lbs. (0.25 kg) |

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.



85191

| Cat. No. | Shank Tip Width | Shank Length | Overall Length | Weight |
|----------|--------------------------------------|----------------|-----------------|---------------------|
| 85191 | 3/8" (10 mm) | 2-1/2" (64 mm) | 7-1/2" (191 mm) | .55 lbs. (0.25 kg) |
| 19353 | conduit reamer replacement blade kit | | | .01 lbs. (0.004 kg) |

- Reams both the inside and outside of the conduit at the same time.
- Longer Cushion-Grip handle provides comfort and more torque for reaming.

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.

Conduit Benders

Features:

Exclusive design reduces rippling and ovaling of conduit.

Wide foot pedal provides excellent stability, leverage and comfort.

Interior clamp securely holds conduit while cutting with hacksaw.

Bold cast-in symbols, degree scales, multiplier scales and center of bend marks help save time on the job.

The traditional **Benfield® head design** accurately and consistently performs common bends such as Stub Ups, Offsets, Back-to-Back and Saddle Bends.

Interior hook surface prevents conduit from rolling or twisting during bends.

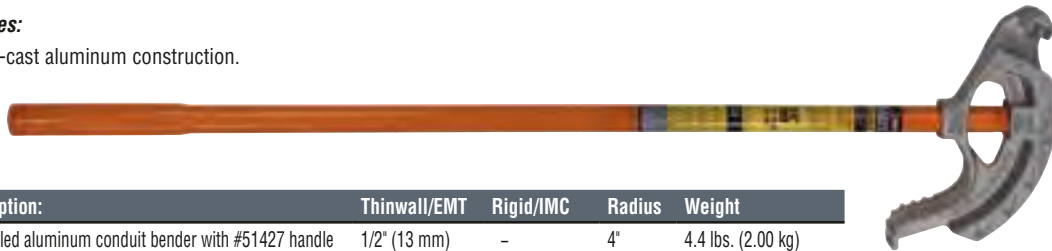
Easily visible arrow for ease of alignment on conduit marks.



Aluminum Conduit Benders

Additional Features:

- Lightweight die-cast aluminum construction.



| Cat. No. | Description: | Thinwall/EMT | Rigid/IMC | Radius | Weight |
|----------|--|--------------|--------------|--------|--------------------|
| 56206 | assembled aluminum conduit bender with #51427 handle | 1/2" (13 mm) | - | 4" | 4.4 lbs. (2.00 kg) |
| 56207 | assembled aluminum conduit bender with #51427 handle | 3/4" (19 mm) | 1/2" (13 mm) | 5" | 5.4 lbs. (2.45 kg) |

56207

Iron Conduit Benders

Additional Features:

- High strength steel handle features a swaged end for inserting conduit to correct overbends (Cat. Nos. 56203 & 56204 only).
- Bright orange color handle is easy to spot on the jobsite.



56205

| Cat. No. | Description: | Thinwall/EMT | Rigid/IMC | Weight |
|----------|--|-----------------|--------------|---------------------|
| 56208 | conduit bender head | 1/2" (13 mm) | - | 2.1 lbs. (0.95 kg) |
| 56209 | conduit bender head | 3/4" (19 mm) | 1/2" (13 mm) | 3.2 lbs. (1.45 kg) |
| 56210 | conduit bender head | 1" (25 mm) | 3/4" (19 mm) | 5.5 lbs. (2.49 kg) |
| 56211 | conduit bender head | 1- 1/4" (32 mm) | 1" (25 mm) | 16.9 lbs. (7.67 kg) |
| 56203 | assembled conduit bender w/#51427 handle | 1/2" (13 mm) | - | 5.5 lbs. (2.49 kg) |
| 56204 | assembled conduit bender w/#51427 handle | 3/4" (19 mm) | 1/2" (13 mm) | 6.6 lbs. (2.99 kg) |
| 56205 | assembled conduit bender w/#51428 handle | 1" (25 mm) | 3/4" (19 mm) | 11.6 lbs. (5.26 kg) |



56211

All dimensions are in inches and (millimeters) unless otherwise specified.

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Use a safe work position to avoid loss of balance.



Conduit Bender Handles

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.
- Handle features an enlarged diameter hollow end for inserting conduit to correct overbends (Cat. No. 51427).
- Bright orange color is easy to spot on the jobsite.

| Cat. No. | Description: | Weight |
|----------|---|-------------------|
| 51427 | conduit bender handle - 38" L, 3/4" NPT tap size fits 1/2" and 3/4" bender heads and is replacement handle for #56208 and #56209. | 3.5 lbs. (1.6 kg) |
| 51428 | conduit bender handle - 44" L, 1" NPT tap size fits 1" bender head for #56210. | 6.0 lbs. (2.7 kg) |
| 51429 | conduit bender handle - 54" L, 1-1/4" NPT tap size fits 1-1/4" bender head for #56211. | 8.9 lbs. (4.0 kg) |

Armored Cable Cutter

BX and Armored Cable Cutter

- Cuts BX and 3/8" armored cable.
- Eliminates burrs.
- Does not nick cable.
- Easily cuts 3/8" flexible conduit and #10, 12, and 14 armored cables with up to 4 wires with a couple of turns of the handle.
- Depth of cut adjusts between standard MC and reduced diameter MC.
- Extra blade storage in handle.
- Use with Klein Tools replacement blade Cat. No. 53726 or 53726-SEN.

| Cat. No. | Length | Weight |
|--------------------------|---|--------------------|
| 53725 | 7-1/4" (184 mm) | 2.0 lbs. (0.9 kg) |
| Replacement Parts | | |
| 53726 | Replacement blade for use with Klein Tools cable cutter Cat. No. 53725 or Cat. No. 53726-SEN. | 0.1 lbs. (0.04 kg) |



53725



53726

Conduit Scoring Tool

Electrician's Conduit Scoring Tool

- Durable zinc cast scoring tool eliminates spiraling
- Used for scoring 1/2", 3/4" and 1" EMT conduit.
- Klein-designed, patented scoring wheel scores and allows clean conduit snaps without leaving burrs inside.
- 1" scoring wheel conveniently located in base of the handle; no tools required to replace scoring wheels.
- Four roller tracks specifically designed for professional use.
- Compact, enclosed design for use on job sites.

| Cat. No. | Length | Conduit Diameter | Weight |
|--------------------------|---------------|---|--------------------|
| 88906 | 6.02" (153mm) | scores 1/2", 3/4" and 1" EMT conduit | 1.25 lbs. (0.6 kg) |
| Replacement Parts | | | |
| 88907 | | 1/2" and 3/4" EMT replacement scoring wheel | |
| 88908 | | 1" EMT replacement scoring wheel | |



88906



88907



88908

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.

PVC-Cutters

PVC-Cutter

- Cuts up to 3/4" schedule 40 PVC.
- Makes clean burr-free cuts in PVC and flexible pipe.
- Reversible blade doubles life.
- Cuts 1-3/8" outer diameter flexible plastic pipe.
- Steel construction for strength.
- Guide helps cut pipe squarely.
- Handle latch keeps tool closed.

| Cat. No. | PVC Cutting Capacity | Non-metallic Tubing Cutting Capacity | Length | Weight |
|----------|--------------------------|--------------------------------------|-----------------|-------------------|
| 50506 | 3/4" (19 mm) schedule 40 | 1" (19 mm) | 8-1/2" (215 mm) | 1.0 lbs.(0.45 kg) |

| Replacement Parts | | | | |
|-------------------|-------------------|--|----------------|--------------------|
| 50549 | replacement blade | | 3-1/4" (83 mm) | .08 lbs. (0.03 kg) |



50506



50549

Ratcheting PVC-Cutter

- Makes clean, burr-free cuts through PVC.
- High-leverage ratchet-action for maximum cutting power.
- Easy one-hand cutting.
- Special heat-treated blades stay sharp longer and reduce pipe deformation.
- Hooked jaw holds pipe in proper cutting position.

| Cat. No. | PVC Cutting Capacity | Non-metallic Tubing Cutting Capacity | Length | Weight |
|----------|----------------------|--------------------------------------|-------------|-------------------|
| 50500 | 1/2" - 1-1/4" | 1" (19 mm) | 9" (229 mm) | 1.1 lbs. (0.5 kg) |

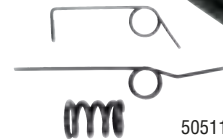
| Replacement Parts | | | | |
|-------------------|--------------------|--|----------------|----------------------|
| 50503 | replacement blade | | 4" (102 mm) | .19 lbs. (0.08 kg) |
| 50511 | replacement spring | | 2-3/8" (60 mm) | .006 lbs. (0.002 kg) |



50500



50503



50511

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.
- Handle latch keeps tool closed.

| Cat. No. | PVC Cutting Capacity | Non-metallic Tubing Cutting Capacity | Length | Weight |
|----------|----------------------|--------------------------------------|------------------|-------------------|
| 50501 | 1/2" - 2" | 1" (19 mm) | 16-1/2" (419 mm) | 2.6 lbs. (1.2 kg) |

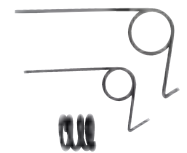
| Replacement Parts | | | | |
|-------------------|--------------------|--|-----------------|---------------------|
| 50504 | replacement blade | | 5-3/4" (146 mm) | .53 lbs. (0.24 kg) |
| 50512 | replacement spring | | 2-3/8" (60 mm) | .01 lbs. (0.004 kg) |



50501



50512



50504

All dimensions are in inches and (millimeters) unless otherwise specified.

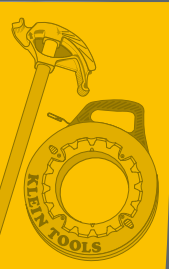
▲WARNING: Always wear approved eye protection.

▲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.





Pain-Free Wire Pulling

SPLINTER GUARD™
PROTECTIVE COATING

Fish & Glow Rods

New Splinter Guard™ fiberglass fish and glow rods from Klein Tools® now include a proprietary protective coating to safeguard your hands from splinters when wire pulling.

KLEIN TOOLS 
For Professionals... Since 1857™

Personal Protective Equipment & Safety Products

Klein Tools provides personal protective equipment and safety products to help guard against a wide variety of occupational hazards.

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 ®



Personal Protective Equipment & Safety Products



Protective Eyewear

Features:

Impact resistant polycarbonate lenses block greater than 99.9% of harmful UVA and UVB radiation up to 400 nanometers.

Permanently bonded **Uvextreme® anti-fog coating** with anti-scratch, anti-static and UV protection properties.

Adjustable spatulite temples provide a comfortable customized fit.

Temple-end holes for easy lanyard attachment.

Wrap-around lens with integrated side shields provides a clear, unobstructed field of vision and superior coverage.

Meets the traffic signal color recognition requirements of **ANSI Z80.3-1996**.



Lens Color



Uvextreme® and Spectrum Control Technology® (SCT®) are registered trademarks of Sperian Eye & Face Protection, Inc.

**SCT® = Spectrum Control Technology*



Protective Eyewear – Standard

Additional Features:

- Meets Mil V₀ 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 (oz.) |
|----------|-------------|------------|-----------------|------------------|------------------------|--------------------------|---------------|--------------------------|---------------------------|--------------|
| 60046 | black | dark gray | outdoor | normal to bright | Yes | 10% | 60% | - | No | 2.4 |
| 60047 | black | SCT* gray | outdoor | normal to bright | Yes | 15% | >85% | <7% | Yes | 2.4 |
| 60049 | black | amber | indoor/ outdoor | normal to low | No | 90% | - | - | No | 2.4 |
| 60053 | black | clear | indoor | normal to low | Yes | 92% | - | - | No | 2.4 |
| 60054 | royal blue | clear | indoor | normal to low | Yes | 92% | - | - | No | 2.4 |
| 60055 | black | espresso | outdoor | normal to bright | Yes | 15% | 60% | <3% | No | 2.4 |

Protective Eyewear – Frameless

Additional Features:

- Meets military V0 ballistic test for impact (7x greater than ANSI).
- Secure wrap-around brow expands to fit a wide range of users.
- Ultra lightweight design offers ultimate comfort at less than one ounce.
- Proprietary Floating Lens offers increased flexibility in fit.
- Soft temple tip pads provide a comfortable and secure fit.
- Does not have lanyard holes.



60056

| Cat. No. | Frame Color | Lens Color | Environment | Light Intensity | True Color Recognition | Visual Light Transmitted | IR Absorption | Blue Light transmittance | Accidental Arc Protection | Weight (oz.) |
|----------|-------------|------------|-------------|------------------|------------------------|--------------------------|---------------|--------------------------|---------------------------|--------------|
| 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.



Personal Protective Equipment

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.

| 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.



60080

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.

| Cat. No. | Description | Color | Weight (lbs.) |
|----------|-------------|--------|---------------|
| 60009 | Hard cap | white | .85 |
| 60010 | Hard cap | yellow | .85 |
| 60011 | Hard cap | blue | .85 |



Available in three colors



60010

| Cat. No. | Description | Weight (lbs.) |
|--------------------|--|---------------|
| Hoodliner | | |
| 60015 | winter hard-cap liner, one size fits all | .15 |
| Face Shield | | |
| 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 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.






60031

Available in two colors



V-Gard® and Fas-Trac® are registered trademarks of MSA, the safety company.

| Front Logo | none | | |  | | | KLEIN TOOLS® | | |
|--|----------|-------|---------------|---|-------|---------------|---------------------|-------|---------------|
| Style | Cat. No. | Color | Weight (lbs.) | Cat. No. | Color | Weight (lbs.) | Cat. No. | Color | Weight (lbs.) |
|  | 60018 | blue | .86 | 60019 | white | .86 | 60022 | white | .86 |
| | | | | 60021 | blue | .86 | | | |
|  | 60028 | white | .95 | 60031 | white | .95 | 60034 | white | .95 |
| | | | | 60030 | blue | .95 | | | |
| <i>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.</i> | | | | | | | | | |

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 two colors



| Cat. No. | Color | Weight (lbs.) |
|----------|-------|---------------|
| 60025 | white | .84 |
| 60027 | blue | .84 |

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.



Accessories

V-Gard®, Advance® and Skullgard® Accessories

| Cat. No. | Description | Weight (oz.) |
|--|--|--------------|
| Defender® + Faceshield Frames (All frames meet Z87.1-2003) | | |
| 59985 | Plus Universal Foldback Frame-dielectric for caps | 2.9 |
| Visors (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 |

Advance®, Defender®, Fas-Trac®, Skullgard®, and V-Gard® are registered trademarks of MSA. Accessories sold separately.



59990

Klein Kleeners® Hand Cleaning Towels

- Simple and convenient.
- Pre-moistened towels.
- No rinsing – no drying – no residue.
- Powerful, yet gentle, pumice-like cleaning action.
- Quickly loosens, dissolves, and absorbs dirt and grease.
- Features a natural citrus solvent that's gentler than petroleum-based hand cleaners.

| Cat. No. | Container Size | Towel Size | Weight (lbs.) |
|----------|-----------------|----------------------------|---------------|
| 51425 | 72-count bucket | 9" x 12" (229 mm x 305 mm) | 2.45 |



51425

Personal Protective Equipment
& Safety Products



▲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

NEW!

JOURNEYMAN™

Utility Gloves

- Moisture wicking and breathable Trek Dry™ stretch material on top with sponge foam and tricot lining for maximum comfort.
- Durable synthetic leather palm.
- Reinforced thumb and finger panels add protection and durability.
- Wide opening elastic cuff for easy entry.

| | Medium | Large | Extra-Large | Weight |
|----------|--------|-------|-------------|---------------------|
| Cat. No. | 40205 | 40206 | 40207 | .13 (lbs.) .06 (kg) |

Trek Dry™ is a trademark of Mechanix Wear, Inc.



40206

Camouflage Gloves

- Mossy Oak® Break-Up Infinity™ pattern.
- Moisture wicking and breathable Trek Dry™ stretch material on top with sponge foam and tricot lining for maximum comfort.
- Reinforced thumb and finger panels add protection and durability.
- Single layer, seamless palm made of durable synthetic leather for improved fit and dexterity.
- Soft molded rubber closure with hook and loop secures fit.

| | Medium | Large | Extra-Large | Weight |
|----------|--------|-------|-------------|---------------------|
| Cat. No. | 40208 | 40209 | 40210 | .17 (lbs.) .08 (kg) |

Trek Dry™ is a trademark of Mechanix Wear, Inc.
Mossy Oak® is registered trademark of Haas Outdoors Inc.



40209

"Cold Weather Pro" Gloves

- Palm and fingers lined with Thinsulate™ C40 with fingertip designed for improved dexterity.
- Water resistant nylon back lined with Thinsulate™ C100.
- Durable rubberized palm provides water resistance and grip with 2mm EVA foam padding for impact protection.
- 5 mm EVA foam knuckle for impact protection and comfort.
- Neoprene thumb and cuff for comfort and water resistance.
- Molded rubber closure with hook and loop secures fit.

| | Medium | Large | Extra-Large | Weight |
|----------|--------|-------|-------------|---------------------|
| Cat. No. | 40211 | 40212 | 40213 | .29 (lbs.) .13 (kg) |

Thinsulate™ is trademark of 3M.



40212

⚠WARNING: Not flameproof or fire retardant. DO NOT expose to open flame or sparks.



"Grip" Gloves

- Armortex® rubberized grip on the fingers with reinforced synthetic leather palms and thumb for ample grip in both wet and dry conditions.
- PORON® padding material in the palm to absorb impact and vibration.
- Moisture wicking and breathable Trek Dry™ stretch material on top with sponge foam and tricot lining for maximum comfort.
- Machine washable.
- Flexible yet impact absorbing thermo plastic rubber (TPR) protects the fingers and back of the hand.
- Neoprene cuff and soft molded rubber closure with hook and loop secures fit.

| | Medium | Large | Extra-Large | Weight |
|----------|--------|-------|-------------|---------------------|
| Cat. No. | 40214 | 40215 | 40216 | .29 (lbs.) .13 (kg) |

Trek Dry™ is a trademark of Mechanix Wear, Inc.
 PORON® is a registered trademark of Rogers Corp.



40215

"Extreme" Gloves

- Flexible yet impact absorbing thermo plastic rubber (TPR) and EVA foam protects the fingers, knuckles and back of the hand.
- PORON® padding material in the palm to absorb impact and vibration.
- Palm and thumb reinforced with synthetic leather for extra durability.
- Breathable two-way stretch materials on top with sponge foam and tricot lining for maximum comfort.
- Rubberized fingertips for extra grip.
- Wrist closure with hook and loop secures fit.

| | Medium | Large | Extra-Large | Weight |
|----------|--------|-------|-------------|---------------------|
| Cat. No. | 40217 | 40218 | 40219 | .34 (lbs.) .15 (kg) |

PORON® is a registered trademark of Rogers Corp.



40218

Leather Gloves

- Genuine professional grade leather offers the finest in protection and comfort.
- Flexible yet impact absorbing thermo plastic rubber (TPR) protects the fingers and back of the hand.
- Reinforced palm with 2mm EVA foam padding for impact protection.
- Moisture wicking and breathable Trek Dry™ stretch material on top with sponge foam and tricot lining for maximum comfort.
- Machine wash and dry.
- Neoprene cuff and soft molded rubber closure with hook and loop secures fit.

| | Medium | Large | Extra-Large | Weight |
|----------|--------|-------|-------------|---------------------|
| Cat. No. | 40220 | 40221 | 40222 | .30 (lbs.) .14 (kg) |

Trek Dry™ is a trademark of Mechanix Wear, Inc.



40221



⚠WARNING: Not flameproof or fire retardant. DO NOT expose to open flame or sparks.

Pro Utility Gloves

- Reinforced area at base of thumb strengthens key wear area.
- Wrap around design at index finger for increase wear.
- Elastic position below heel of the hand for a snug, comfortable fit.
- Extended cuff for easier on/off.
- Sewn in hang-up loop for storage.
- Nylon synthetic suede palm is durable and washable.

| | Medium | Large | Extra-Large | Weight (lbs.) |
|----------|--------|-------|-------------|---------------|
| Cat. No. | 40030 | 40031 | 40032 | .25 |



40030

Pro Framer Work Gloves

- Fingerless design on thumb, index and middle finger provides increased sensitivity for handling wire connectors, screws, nails and small parts.
- Protective Thermal Plastic Rubber (TPR) finger patches.
- Elastic position below heel of the hand for a snug, comfortable fit.
- Extended cuff for easier on/off.
- Palm features slip-resistant construction for better gripping power.

| | Medium | Large | Extra-Large | Weight (lbs.) |
|----------|--------|-------|-------------|---------------|
| Cat. No. | 40034 | 40035 | 40036 | .28 |



40034

Pro Heavy-Duty Protection Gloves

- Fingers feature slip-resistant material for better grip and wear.
- Protective Thermal Plastic Rubber (TPR) finger patches.
- Double row padded knuckle for added protection.
- Palm features slip-resistant construction for better gripping power.
- Hook and loop cuff for secure fit.
- Extended cuff for easier on/off.
- Spandex material for increased comfort.

| | Medium | Large | Extra-Large | Weight (lbs.) |
|----------|--------|-------|-------------|---------------|
| Cat. No. | 40038 | 40039 | 40040 | .46 |



40038

Pro Leather Work Gloves

- Grain goat skin palm patches for better gripping and durability.
- Double row padded knuckle for added protection.
- Hook and loop cuff for secure fit.
- Spandex material for increased comfort.
- Extended cuff for easier on/off.
- Sewn in hang-up loop for storage.

| | Medium | Large | Extra-Large | Weight (lbs.) |
|----------|--------|-------|-------------|---------------|
| Cat. No. | 40042 | 40043 | 40044 | .30 |



40042

⚠WARNING: Not flameproof or fire retardant. DO NOT expose to open flame or sparks.



Utility Gloves

- 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

- 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

- 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

- 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.



Gloves

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 |
| Lined – Pile Lining | | |
| 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 (Cat. Nos. 40003, 40004, 40006).
- Thermolite® lining for warmth (Cat. Nos. 40014 and 40015).
- Gunn cut with seams away from wear surfaces.
- Lap-seam index finger and shirred-elastic wrist back.
- Gray color.

| Cat. No. | Size | Weight (lbs.) |
|----------|-------------|---------------|
| 40003 | small | .30 |
| 40004 | medium | .40 |
| 40006 | large | .43 |
| 40014* | large | .47 |
| 40015* | extra large | .51 |



40014

*Thermolite® is a registered trademark for INVISTA certified performance fabrics containing proprietary INVISTA fibers and, in some cases, other companion fibers.

Medium and Long-Cuff Gloves

- Heavy sueded leather (Cat No. 40008)
- Soft, flexible, top-grain cowhide leather (Cat. Nos. 40010 and 40012).
- Leather fingers, palm, pull, and knuckle strap (Cat. Nos. 40010 and 40012).
- Gunn cut with seams away from wear surfaces.
- Wing thumb, seamless index finger, elastic wrist-back strap.
- Lined palm and fingers.
- Rubberized, waterproof, bell gauntlet cuff 5" (127 mm) long (Cat. Nos. 40010 and 40012).



40008



40010

| Cat. No. | Size | Weight (lbs.) |
|----------|---------------------|---------------|
| 40008 | large – medium cuff | .48 |
| 40010 | large | .59 |
| 40012 | extra-large | .68 |



Gloves

Lineman Work Gloves

- 4" Neoprene cuff with side vents.
- Soft grain leather construction with reinforced leather patches.
- Double-row padded knuckle for durability.
- Black spandex back with Klein lineman logo patch.

| Cat. No. | Size | Weight (lbs.) |
|----------|-------------------|---------------|
| 40080 | medium | .46 |
| 40082 | large | .51 |
| 40084 | extra-large | .55 |
| 40086 | extra-extra-large | .59 |

▲ WARNINGS: These gloves are not intended for energized electrical use.



40080

Electrician's Gloves

- Durable construction allows flexibility.
- Features slip resistant construction.
- Spandex material is breathable and comfortable to wear all day.
- Constructed with a reinforced area at the base of the thumb.
- Elastic cuff for secure and comfortable fit.
- Index fingers are wrapped with slip-resistant material.
- Extended cuff for easy on/off.

| Cat. No. | Size | Weight (lbs.) |
|----------|-------------|---------------|
| 40072 | large | .46 |
| 40074 | extra-large | .48 |

▲ WARNINGS: These gloves are not intended for energized electrical use.



40072

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.



45201

| Cat. No. | Closed Hasp I.D. | Weight (lbs.) |
|----------|------------------|---------------|
| 45200 | 1" (25 mm) | .200 |
| 45201 | 1-1/2" (38 mm) | .250 |

⚠WARNING: Use only in accordance with OSHA requirements.

Barricade and Warning Tapes

- Bold, black lettering on bright, long-lasting color backgrounds.
- Yellow background for CAUTION/CAUTION tape.
- Red background for CAUTION-BURIED ELECTRIC LINE tape.
- Made of tough, durable (2.5 mil) polyethylene.
- Highly resistant to acids, alkalis, and other soil components.
- Tapes are 3" (76 mm) wide, and are available in either 200' or 1000' rolls.



58000

| 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 |



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.

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 Pouches, Carriers,
Belts & Suspenders



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).



Tool Pouches

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.



5126

| Cat. No. | Specialty Add-Ons | Belt Connection | Belt Width | Overall Size | Weight (lbs.) |
|----------|-------------------|-----------------|------------|----------------------------------|---------------|
| 5126 | knife snap | slotted | 2" (51 mm) | 6" x 8-3/4" (152 mm x 222 mm) | .74 |

Leather Back Pocket Pouch

- Leather construction.
- Stitched and riveted to assure long life.
- Snap loop option for belt.
- Six pockets, including scissors pocket on back flap.



5481

| Cat. No. | Belt Connection | Belt Width | Overall Size | Weight (lbs.) |
|----------|-----------------|------------------|--|---------------|
| 5481 | snap loop | up to 2" (51 mm) | 10" H x 5-3/4" W x 2-1/2" D (254 mm x 146 mm x 64 mm) | .47 |

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

All dimensions are in inches and (millimeters).



Tool Pouches

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

All dimensions are in inches and (millimeters).



Tool Pouches

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

Back Pocket Pouch

- Four pockets, including two open pockets on the front for longer tools such as screwdrivers.
- Cordura® ballistic nylon, a high-performance fabric resistant to abrasions, tears and scuffs.
- Stitched and riveted to assure long life.
- Snap loop option for belt.



| Cat. No. | Belt Connection | Belt Width | Length | Width | Depth | Weight |
|----------|-----------------|------------------|-----------------|-------------|------------|--------------------|
| 5482 | snap loop | up to 2" (51 mm) | 9-7/8" (251 mm) | 5" (127 mm) | 2" (51 mm) | .26 lbs. (0.12 kg) |

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



5482

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" | 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 |

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. 5142P version includes interior pocket.

| Cat. No. | Belt Connection | Belt Capacity | Length | Width | Depth | Weight |
|----------|-----------------|-----------------------|--------------|--------------|--------------------------|--------------------|
| 5141P | loops | up to 3" (76 mm) wide | 10" (254 mm) | 12" (305 mm) | 5" (127 mm) | .88 lbs. (0.40 kg) |
| 5142 | loops | up to 3" (76 mm) wide | 9" (229 mm) | 10" (254 mm) | 8" x 3" (203 mm x 76 mm) | .60 lbs. (0.27 kg) |
| 5142P | loops | up to 3" (76 mm) wide | 9" (229 mm) | 10" (254 mm) | 8" x 3" (203 mm x 76 mm) | .65 (0.29 kg) |



5141P



5142

All dimensions are in inches and (millimeters).



Tool Pouches

Nut & Bolt Pouch

- Includes interior pocket.
- Top sides of pouch reinforced with leather to maintain shape of pouch opening.
- Inside bottom is reinforced with leather and ventilating eyelet.
- Metal snaps provided on loops for easy attachment to belts up to 3" (76 mm) wide.
- Top edge reinforced with 1/4" (6 mm) rope.

| Cat. No. | Interior Pockets | Color | Length | Width | Depth | Weight |
|----------|------------------|-------|-------------|--------------|--------------|------------------|
| 51A | 1 | black | 9" (229 mm) | 10" (254 mm) | 3.5" (90 mm) | 1 lbs. (0.45 kg) |



51A

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 |
|----------|-----------------|----------------------------|-----------------|----------------|--------------|--------------------|
| 5179 | loops | up to 4-1/2" (114 mm) wide | 7-1/2" (191 mm) | 3-1/2" (89 mm) | 7" (178 mm) | .30 lbs. (0.14 kg) |
| 5179S | snap | up to 4-1/2" (114 mm) wide | 7-1/2" (191 mm) | 3-1/2" (89 mm) | 7" (178 mm) | .30 lbs. (0.14 kg) |



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.



5416TC



5416



5416TCP

| Cat. No. | Belt Connection | Belt Capacity | Length | Width | Depth | Weight |
|-----------------------------|-----------------|-----------------------|-------------|-------------|--------------|---------------------|
| Canvas | | | | | | |
| 5416 | loops | up to 3" (76 mm) wide | 5" (127 mm) | 9" (229 mm) | 10" (254 mm) | .85 lbs. (0.30 kg) |
| 5416T | tunnel | up to 3" (76 mm) wide | 5" (127 mm) | 9" (229 mm) | 10" (254 mm) | .90 lbs. (0.4 kg) |
| Canvas - Top Closing | | | | | | |
| 5416TC | tunnel | up to 3" (76 mm) wide | 5" (127 mm) | 9" (229 mm) | 10" (254 mm) | .87 lbs. (0.39 kg) |
| 5416TCP | tunnel | up to 3" (76 mm) wide | 5" (127 mm) | 9" (229 mm) | 12" (305 mm) | 1 lbs. (0.45 kg) |
| Leather | | | | | | |
| 5416L | tunnel | up to 3" (76 mm) wide | 5" (127 mm) | 9" (229 mm) | 10" (254 mm) | 1.10 lbs. (0.14 kg) |

Canvas Electrode Bag

- Made of tough No. 4 canvas.
- Heat-resistant, hard leather bottom.
- Web loop for sliding over belt.



5471

| Cat. No. | Diameter | Front Depth | Back Depth | Weight (lbs.) |
|----------|----------------|--------------|------------------|---------------|
| 5471 | 2-1/2" (64 mm) | 12" (305 mm) | 15-1/2" (394 mm) | .25 |

All dimensions are in inches and (millimeters).



Tool Pouches

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 Combination Aprons

Electrician's Tool Apron



- Deep pockets to fit your tools.
- Loops for extra tool storage.
- Tape measure holder.
- Special pockets for writing utensils.
- Made of heavy-duty canvas.
- Riveted to assure long life.

42200

| Cat No. | Size | Fits Waist Sizes | Weight |
|---------|--------|-------------------------------|--------------------|
| 42200 | M/L | 32" - 46" (813 mm - 1,168 mm) | .86 lbs. (0.39 kg) |
| 42201 | XL/2XL | 38" - 54" (965 mm - 1,372 mm) | .93 lbs. (0.42 kg) |

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.



5100M

| Cat. No. | Belt Connection | Belt Width | Overall Size | Weight (lbs.) |
|----------|-----------------|-----------------|--------------|---------------|
| 5100M | tunnel | up to 2" (50.8) | Medium | 3.2 |

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 |

All dimensions are in inches and (millimeters).



Tool Holders

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

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) | 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 |

All dimensions are in inches and (millimeters).



Tool Holders

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 |

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

All dimensions are in inches and (millimeters).



Tool Holders

Flashlight Holder

- Leather construction.
- Designed for a standard two-cell flashlight.
- Riveted to assure long life.



5129

| 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 |

Cordura® Ballistic Nylon Flashlight Holder

- Cordura® ballistic nylon for exceptional resistance to abrasions, punctures and tears.
- Metal belt clip attaches to belts up to 2" wide.
- Secure snap closure.



1106

| Cat. No. | Applicable Model | Dimensions H x W x D | Weight (oz.) |
|----------|------------------|--|--------------|
| 1106 | X35 | 9" x 2.75" x 1.88" (22.9 cm x 6.99 cm x 4.78 cm) | 3.4 |

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

| Tape Measure | Cat. No. | Description |
|--------------|----------|--------------------------------|
| | 5194 | small leather pouch |
| 93116 | 5707 | nylon tape measure clip/holder |
| 93025, 93125 | 5195 | medium leather pouch |
| 93225, 93275 | 5707 | nylon tape measure clip/holder |
| | 5196 | large leather pouch |
| 93430 | 5707 | nylon tape measure clip/holder |
| | 5712 | nylon pouch |



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 |



Tool Holders

Tape Thong

- Leather strap with fiber bar.
- Fits all standard electrical tape rolls.



5130

| Cat. No. | Belt Connection | Length | Weight (lbs.) |
|----------|-----------------|--------------|---------------|
| 5130 | slotted | 12" (305 mm) | .03 |

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.



27450

| Cat. No. | Length | Width | Weight (lbs.) |
|----------|-------------|-------------|---------------|
| 27450 | 7" (178 mm) | 7" (178 mm) | .300 |

Tie-wire reel and ironworker's heavy-duty tie-wire belts also available.

Two-Way 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 |



Tradesman Pro™

Tradesman Pro™ Organizer – Electrician's Tool Belt



55427

- 26 pockets for easy tool storage.
- Wide open pockets for tools, drills and spare parts.
- Removable pouches allow you to carry only the tools needed.
- Exclusive drill bit pocket.
- Handles for easy carrying.
- Loop tape measure holder.
- Padded belt with mesh interior is breathable and comfortable.
- Rugged leather belt ends.
- Attachments for Tradesman Pro™ padded suspenders (Cat. No. 55400).



Exclusive drill bit pocket

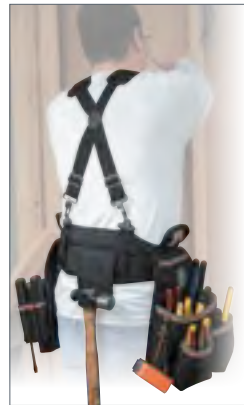
| Cat. No. | Size | Weight |
|----------|-------------------------------|---------------------|
| 55427 | 31" – 34" (787 mm – 864 mm) | 4.15 lbs. (1.88 kg) |
| 55428 | 35" – 39" (889 mm – 991 mm) | 4.16 lbs. (1.89 kg) |
| 55429 | 40" – 44" (1016 mm – 1118 mm) | 4.30 lbs. (1.95 kg) |

Tradesman Pro™ Padded Suspenders

- Made of tear resistant Cordura®.
- Fully adjustable.
- Durable nylon web straps for long wear.
- Heavy duty padding for comfort.
- Easy snap hook fastening system.
- Designed for use with Tradesman Pro™ Organizer electrician's tool belt (Cat. Nos. 55427, 55428, 55429).

| Cat. No. | Size | Weight |
|----------|--------------------|-------------------|
| 55400 | one size fits most | .84 lbs. (.38 kg) |

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



55400

Tool Pouches, Carriers,
Belts & Suspenders



Tradesman Pro™ Mobile Phone Holders

- Cat No. 55460 Fits iPhone® 4 and 5, and similar sized phones.
- Cat No. 55461 Fits Samsung Galaxy S® 3 and 4, and similar sized phones.
- Metal clip for attaching to belts up to 2" wide.
- Magnetic flap closure.
- Constructed of 1680d ballistic weave.

| Cat. No. | Width | Height | Depth | Weight |
|----------|---------------|-----------------|---------------|---------------------|
| 55460 | 3.00" (76 mm) | 5.75" (146 mm) | 1.50" (38 mm) | 0.22 lbs. (0.10 kg) |
| 55461 | 3.25" (84 mm) | 5.875" (149 mm) | 1.50" (38 mm) | 0.26 lbs. (0.12 kg) |

iPhone® is a registered trademark of Apple, Inc.

Galaxy S® is a registered trademark of Samsung Electronics Co., Ltd.



55460

Tradesman Pro™ Carrying Cases

- Two layers of padding protect even delicate instruments.
- Heavy-duty zipper and rugged PVC coated polyester for durability.
- One interior and one exterior pocket for quick access and organization.
- Sturdy handle with box stitching for secure transportation and convenient hanging. Constructed of 1680d ballistic weave.
- Cat. Nos. 69406 and 69407 recommended for meters, testers, infrared guns and small tools.
- Cat. No. 69408 is recommended for meters, testers, borescopes, infrared guns and tools.



69406



69407



69408

| Cat. No. | Pockets | Width | Height | Depth | Weight |
|----------|---------|----------------|-----------------|---------------|---------------------|
| 69406 | 1 | 4.50" (114 mm) | 9.25" (235 mm) | 2.25" (57 mm) | 0.38 lbs. (0.17 kg) |
| 69407 | 2 | 6.00" (152 mm) | 10.25" (260 mm) | 2.25" (57 mm) | 0.53 lbs. (0.24 kg) |
| 69408 | 2 | 7.00" (178 mm) | 10.25" (260 mm) | 2.25" (57 mm) | 0.66 lbs. (0.30 kg) |



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



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 | 18 | 11" x 12" (279 mm x 305 mm) | .87 |

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5718



5719

All dimensions are in inches and (millimeters).

Tool Pouches, Carriers,
Belts & Suspenders



PowerLine™ Series

**PowerLine™
Series**

Closeable Pouch

Additional Feature:

- Closeable pouch helps protect supplies and tools.



5714

| 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

Additional Feature:

- Heavy-metal hammer loop riveted for additional strength.



5706

| 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

Additional Features:

- Holds most tape measures with belt clips.
- Stainless steel clip holder accepts most tape clips up to 1-3/4" wide.



5707

| 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

Additional Feature:

- Holds a flashlight, cellular phone, or electrical tester



5708

| 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

Additional Features:

- Holds most 35-foot tape measures, fasteners, nails, or wire nuts.
- Two inside elastic loops fit screwdrivers, pencils, markers, etc.



5712

| 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 mm x 114 mm) | .24 |

Flashlight Holder

Additional Feature:

- 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.



5713

| 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

Additional Feature:

- Holds standard utility knife or other small tools.



5716

| 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 |

Adjustable Web Work Belt

Additional Feature:

- 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.



5705

⚠ WARNING: This is NOT an occupational protective belt. NOT for fall arrest or back support

| Cat. No. | Size | Width | Weight (lbs.) |
|----------|-------------------------------|------------|---------------|
| 5705 | one size fits up to 54" waist | 2" (51 mm) | .56 |

All dimensions are in inches and (millimeters).

Tool Pouches, Carriers, Belts & Suspenders



Padded Tool Belts

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.



5717

| Cat. No. | Size | Weight (lbs.) |
|----------|--------------------|---------------|
| 5717 | one size fits most | .84 |

Velcro® is a registered trademark of Velcro Industries B.V.

Padded Suspenders

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.



5704L

| Cat. No. | Size | Width | Weight (lbs.) |
|----------|-------------------------------|------------|---------------|
| 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 |

4-Piece Combo Sets

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 |

4-Piece Electrician's Combo Sets

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.



Tool Belts

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.



5425M

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.



| Cat. No. | Size | Weight (lbs.) |
|----------|------------------------------|---------------|
| 5425M | 30" - 44" (762 mm - 1118 mm) | 1.53 |
| 5425XL | 38" - 58" (965 mm - 1473 mm) | 1.67 |

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.



5420L

| 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 and tie-wire pad also available.

Sets

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

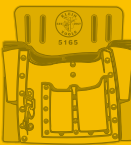
| Cat. No. | Belt Width | Overall Size | Pockets | Size | Specialty Add-Ons | Weight (lbs.) |
|----------|----------------|-----------------------------|---------|------------------------------|-------------------|---------------|
| 55210 | 1-1/2" (38 mm) | 10" x 10" (254 mm x 254 mm) | 10 | 32" - 46" (813 mm - 1168 mm) | knife snap | 1.2 |

All dimensions are in inches and (millimeters).

⚠WARNING: This is NOT an occupational protective belt.

⚠WARNING: NOT for fall arrest or back support.

All dimensions are in inches and (millimeters).



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.) |
|--------------------------------|-------|-------------|-----------------------------|---------------|
| Nylon-Web Suspenders | | | | |
| 60210B | blue | 2" (51 mm) | adjustable | .63 |
| Elastic-Back Suspenders | | | | |
| 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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Electrician's Bags

NEW!

Tradesman Pro™ Organizer – Rolling Tool Bag

- Rugged 6-Inch wheels easily handle rough terrain.
- Load tested up to 200 lbs.
- Top has reinforced metal frame that stays open for easy loading/unloading.
- Heavy-duty telescoping handle.
- Withstands cold conditions.
- Orange interior for easy tool visibility.

| Cat. No. | Length | Width | Height | Pockets | Weight |
|----------|-----------------|---------------------|-----------------|---------|----------------------|
| 55452RTB | 19" (483 mm) | 12-1/2" (318 mm) | 14" (356 mm) | 24 | 19 lbs. (8.62 kg) |



Molded kick plate to protect from the elements.



Wide open interior to accommodate large tools.



55452RTB

Tradesman Pro™ Organizer – Hacksaw Electrician's Bag

- Fits standard hacksaws up to 16.5".
- Tough, durable molded bottom can withstand cold conditions.
- 1680D ballistic weave for durability.
- Orange interior for easy tool visibility.

| Cat. No. | Length | Width | Height | Pockets | Weight |
|----------|---------------------|---------------------|---------------------|---------|------------------------|
| 55453HSB | 17-3/4" (451 mm) | 13-1/2" (368 mm) | 14-1/2" (368 mm) | 48 | 8.15 lbs. (3.70 kg) |



Top-loading hacksaw pocket with protective plastic lining.



55453HSB

Tradesman Pro™ Organizer – Attachable Hacksaw Holder

- Quick link for attaching to tool bags.
- Fits standard hacksaws up to 16.5".
- Protective plastic lined interior.
- Top-loading for easy access to hacksaw.
- Web strap with snap closure keeps hacksaw secure.
- 1680D ballistic weave for durability.



55454DHB

All dimensions are in inches and (millimeters).



Electrician's Bags

NEW!

Tradesman Pro™ Organizer – Tech Backpack

- Storage for adapters and cables.
- Organizer pocket for pens, phone, cables, and more.
- 25 pockets for tons of tool storage.
- Tough, durable molded bottom protects from the elements.
- Hard, molded front pocket protects safety glasses.
- 1680D ballistic weave for durability.

| Cat. No. | Length | Width | Height | Interior Pockets | Exterior Pockets | Weight |
|----------|-------------------|------------------|-------------------|------------------|------------------|--------------------------|
| 55456BPL | 14" (355.6 mm) | 7" (177.8 mm) | 18" (457.2 mm) | 34 | 5 | 5.34 (lbs.) 2.42 (kg) |



55456BPL



Separate compartment keeps laptop protected from other tools.



Orange interior to find tools faster.

Tradesman Pro™ Organizer – Tech Bag

- Inside pocket for adapters and cables.
- Zipper pocket for files and paperwork.
- 22 pockets for plenty of tool storage.
- Rubber feet and water resistant material on bottom protects from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handles for easy carrying.

| Cat. No. | Length | Width | Height | Interior Pockets | Exterior Pockets | Weight |
|----------|-------------------|--------------------|-------------------|------------------|------------------|--------------------------|
| 55455M | 19" (484.5 mm) | 6.5" (165.1 mm) | 16" (406.4 mm) | 2 | 53 | 8.92 (lbs.) 4.04 (kg) |



55455M



Separate compartment keeps laptop protected from other tools.



Orange interior to find tools faster.

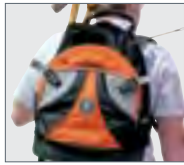


Electrician's Bags

Tradesman Pro™ Organizer – Electrician's Backpack

- 39 pockets for tons of tool storage.
- Orange interior for easy tool visibility.
- Wide opening fits power drills, meters, flashlights, etc.
- Tough, durable bottom protects from the elements.
- Large front pocket easily fits cables and tools.
- 1680D ballistic weave for durability.

| Cat. No. | Length | Width | Height | Interior Pockets | Exterior Pockets | Weight |
|----------|-------------------|------------------|-------------------|------------------|------------------|--------------------------|
| 55421-BP | 14" (355.6 mm) | 7" (177.8 mm) | 18" (457.2 mm) | 34 | 5 | 5.34 (lbs.) 2.42 (kg) |



Large front pocket easily fits fish tapes or tools and cables.



55421-BP

Tradesman Pro™ Organizer – Ultimate Electrician's Bag

- 55 pockets for ultimate tool organization.
- Orange interior for easy tool visibility.
- Wide opening fits power drills, meters, laptops, etc.
- Tough, durable molded bottom protects from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handles for easy carrying.

| Cat. No. | Length | Width | Height | Interior Pockets | Exterior Pockets | Weight |
|----------|-------------------|------------------|-------------------|------------------|------------------|--------------------------|
| 55418-19 | 19" (484.5 mm) | 6.5" (254 mm) | 16" (355.6 mm) | 53 | 2 | 8.92 (lbs.) 4.04 (kg) |



55418-19

Tradesman Pro™ Organizer – Extreme Electrician's Bag

- 78 pockets for extreme tool storage.
- Orange interior for easy tool visibility.
- Wide center with removable pockets for easy access to tools.
- Tough, durable molded bottom protects from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handles for easy carrying.

| Cat. No. | Length | Width | Height | Interior Pockets | Exterior Pockets | Weight |
|----------|---------------------|-----------------|-------------------|------------------|------------------|--------------------------|
| 55417-18 | 17.5" (442.6 mm) | 10" (254 mm) | 14" (355.6 mm) | 53 | 25 | 9.51 (lbs.) 4.31 (kg) |



55417-18

All dimensions are in inches and (millimeters).



Electrician's Bags

Tradesman Pro™ Organizer – Shoulder Pouch

- 16 pockets for better tool storage.
- Orange interior for easy tool visibility.
- Tough, durable rubber feet protect from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handle for easy carrying.

| Cat. No. | Length | Width | Height | Interior Pockets | Exterior Pockets | Weight |
|----------|------------------|----------------|-----------------|------------------|------------------|----------------------|
| 55419-SP | 8" (203.2 mm) | 5" (127 mm) | 10" (254 mm) | 9 | 7 | 2.2 (lbs.) 1 (kg) |



Rubber feet protect the bottom surface from the elements.



55419-SP

Tradesman Pro™ Organizer – 8-Inch Tote

- 20 pockets for greater tool storage.
- Orange interior for easy tool visibility.
- Removable zipper bag designed to fit compartment underneath.
- Tough, durable feet protect from the elements.
- 1680D ballistic weave for durability.
- Handle for easy carrying.

| Cat. No. | Length | Width | Height | Interior Pockets | Exterior Pockets | Weight |
|----------|------------------|------------------|-------------------|------------------|------------------|--------------------------|
| 55415-8 | 8" (203.2 mm) | 8" (203.2 mm) | 17" (431.8 mm) | 9 | 11 | 4.77 (lbs.) 2.16 (kg) |



Removable zipper bag designed to fit compartment underneath.



55415-8

Tradesman Pro™ Organizer – 10-Inch Tote

- 40 pockets for maximum tool storage.
- Orange interior for easy tool visibility.
- Removable zipper bag designed to fit compartment underneath.
- Tough, durable feet protect from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handles for easy carrying.

| Cat. No. | Length | Width | Height | Interior Pockets | Exterior Pockets | Weight |
|----------|-----------------|-----------------|-------------------|------------------|------------------|--------------------------|
| 55416-10 | 10" (254 mm) | 10" (254 mm) | 12" (304.8 mm) | 18 | 22 | 5.16 (lbs.) 2.34 (kg) |



Removable zipper bag designed to fit compartment underneath.



55416-10



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

Deluxe Canvas Tool Bags

- Multiple interior pockets for organization.
- Detachable shoulder strap can be adjusted for a perfect fit.
- Made of heavy-duty No. 8 natural canvas.
- Moisture-resistant vinyl bottom with non-scratch studs on the base to protect against wear.
- Steel frame mouth with hinge for rugged use.
- Stitched and riveted leather handles for long life.

| Cat. No. | Length | Width | Height/Depth | Pockets | Weight (lbs.) |
|-----------|--------------|-------------|--------------|---------|---------------|
| 5102-14SP | 12" (305 mm) | 6" (152 mm) | 10" (254 mm) | 10 | 2.14 |
| 5102-16SP | 14" (356 mm) | 6" (152 mm) | 14" (356 mm) | 13 | 2.55 |
| 5102-18SP | 16" (406 mm) | 6" (152 mm) | 14" (356 mm) | 13 | 3.05 |
| 5102-24SP | 18" (457 mm) | 6" (152 mm) | 15" (381 mm) | 17 | 2.84 |



5102-16SP

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



Tool Bags

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 Straps | 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 |

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.



5200-15

| 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.

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

All dimensions are in inches and (millimeters).



Tool Bags

Vinyl Equipment Bags

- Wide bag opening easily accommodates helmets and other equipment.
- Two large, outside pockets with Velcro® fastening (Cat. No. 5182BLA).
- Durable, double-stitched plastic bottom.
- Webbing extends down side of bag from handles and shoulder strap for extra support & durability.
- Right-sized rain flap with Velcro® fastening.
- Adjustable, padded shoulder strap included.



5181ORA



VELCRO® is a registered trademark of Velcro Industries B.V.



5182BLA

| Cat. No. | Exterior Pockets | Shoulder Strap | Color | Length | Height | Width | Weight (lbs) |
|----------|------------------|----------------|--------|--------------|--------------|--------------|--------------|
| 5182BLA | 2 | Yes | black | 24" (610 mm) | 20" (508 mm) | 10" (254 mm) | 7.00 |
| 5181ORA | 1 | Yes | orange | 24" (610 mm) | 20" (508 mm) | 10" (254 mm) | 7.00 |

Lineman Backpack

- Wide opening easily accommodates helmets, belts, and other equipment.
- Large front pocket for separate storage of gaffs, rubber gloves or other equipment.
- Durable, double stitched plastic bottom with drain holes.
- Rain flap for top of pack.
- Adjustable padded shoulder straps with adjustable waist strap.
- Padded back area.

| Cat. No. | Length | Width | Height/Depth | Interior Pockets | Exterior Pockets | Weight (lbs.) |
|----------|-------------|--------------|--------------|------------------|------------------|---------------|
| 5185ORA | 18" (457mm) | 10" (254 mm) | 23" (584 mm) | 1 | 3 | 5.80 |



5185ORA

Extra-Large Vinyl Equipment Bag

- Orange vinyl-coated polyester fabric bag.
- Bottom extends 3" (76 mm) up the sides.
- Bottom of bag is protected by metal studs.
- Bottom reinforced with 1/4" (6 mm) plywood.
- Nylon-web handles extend around bag for extra support.
- Wide opening steel frame is securely riveted in top of bag.
- Extra flap for storm protection.



5180

| Cat. No. | Length | Width | Height/Depth | Weight (lbs.) |
|----------|--------------|--------------|--------------|---------------|
| 5180 | 24" (610 mm) | 10" (254 mm) | 18" (457 mm) | 6.00 |

All dimensions are in inches and (millimeters).



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 Cat. No. 58888 and Cat. No. 58890).
- Durable molded bottom with drain holes to prevent water retention.
- Contoured, padded, slip-resistant shoulder strap for hands-free mobility (included with 58888 and 58890).
- Heavy-duty chain tape thong (58890 only).



58890

| Cat. No | Interior Pockets | Exterior Pockets | Chain Tape Thong | Shoulder Strap (Cat. No. 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.



5777

| 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.

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).



Tool Bags

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

All dimensions are in inches and (millimeters).



Tool Bags

Zipper Bags



5139



5139B



5139C

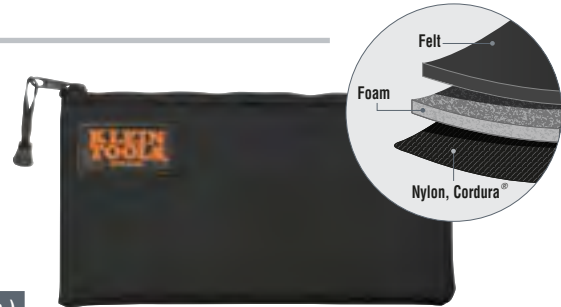
- Constructed of No. 10 canvas with heavy-duty brass zipper (Cat. No. 5139).
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools, and spare parts.
- Constructed of Cordura® ballistic nylon, a high-performance fabric resistant to abrasions, tears, and scuffs (Cat. Nos. 5139B, 5139C).
- 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 |
| 5139B | Cordura® Ballistic Nylon | 12-1/2" (318 mm) | 7" (178 mm) | .24 |
| 5139C | Cordura® Camouflage | 12-1/2" (318 mm) | 7" (178 mm) | .14 |
| 5139L | Leather | 12-1/2" (318 mm) | 7" (178 mm) | .23 |

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

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).



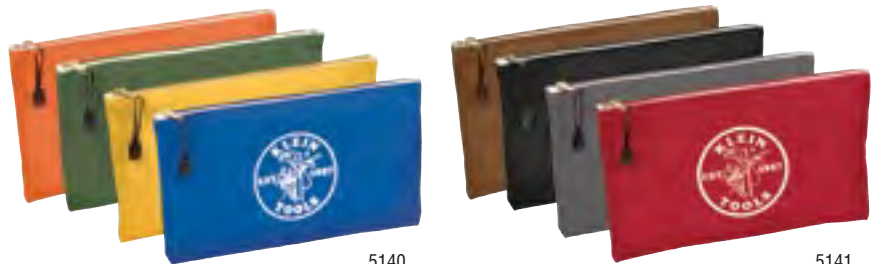
| Cat. No. | Material | Length | Height | Color | Weight (lbs.) |
|----------|--------------------------|-------------------|-------------|-------|---------------|
| 5139PAD | Cordura® Ballistic Nylon | 12 -1/2" (318 mm) | 7" (178 mm) | black | .28 |

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

5139PAD

Zipper Bags – Canvas, 4-Pack

- Includes four assorted colors to organize and categorize important tools.
- Constructed of No. 10 canvas with heavy-duty brass zipper.



5140

5141

| Cat No. | Description | Weight (lbs.) |
|---------|---|---------------|
| 5140 | 4 zipper bags - olive, orange, royal blue, yellow | .80 |
| 5141 | 4 zipper bags - brown, black, gray, red | .80 |

- 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.

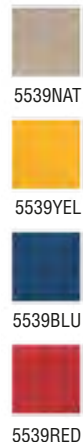
Canvas Zipper Bags – Consumables

- 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



5539RED

All dimensions are in inches and (millimeters).



Tool Bags

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.



| Cat. No. | Weight (lbs.) |
|----------|---------------|
| 58889 | .36 |

58889

All dimensions are in inches and (millimeters).



Metal Tool Box & Slide Racks

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.



54401

| Cat. No. | Length | Depth | Height | Weight (lbs.) |
|----------|--------------|-------------|-------------|---------------|
| 54401 | 20" (508 mm) | 8" (196 mm) | 9" (220 mm) | 11.55 |



Slide Racks

- Holds Klein mid-size or extra-large storage boxes.
- Boxes not included with rack, must be ordered separately.
- Welded, extra-rigid, all-steel construction.
- Metallic-gray, baked-enamel finish.
- Boxes ride in and out on heavy-duty channel tracks that permit covers to open all the way for full access.
- Heavy tabs prevent boxes from being accidentally pulled out, yet allow boxes to be easily removed when desired.
- Locking bars can be readily attached to prevent unauthorized access.



54474

| 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 |
| 54477 | 4 Klein extra-large storage boxes | 15-3/4" (400 mm) | 20" (508 mm) | 15" (381 mm) | 37 |

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.



54484

| 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 |

All dimensions are in inches and (millimeters).



Extra-Large Parts Storage Boxes & Slide Racks

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 |

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 |

All dimensions are in inches and (millimeters).



Lineman Buckets & Accessories

Klein lineman buckets and accessories have been recognized for decades for their durability and dependability. They are built for strength to handle professional wear and tear.

For Professionals... Since 1857®

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" refers to the canvas weight. No. 1 being the thickest and No. 10 being the thinnest.

High-density polyethylene top ring for strength and chemical resistance.

WARNING:

- Inspect for damage before each use.
- Remove from service if bucket shows signs of wear.
- Never exceed the working load limit.
- Completely close top before each use.

Leather-Bottom Buckets

Additional Features:

- Load Rated 100 lbs.
- 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.

| Cat. No. | Diameter | Height | Extra Features | Weight (lbs.) |
|----------|--------------|--------------|-----------------------------|---------------|
| 5104 | 12" (305 mm) | 17" (432 mm) | | 2.71 |
| 5104S | 12" (305 mm) | 17" (432 mm) | swivel snap (Cat. No. 2012) | 2.93 |
| 5104VT | 12" (305 mm) | 17" (432 mm) | VELCRO® closure | 3.0 |



5104



5104VT

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) | N/A | 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:

- Load Rated 75 lbs.
- No. 6 canvas.
- Black molded polypropylene bottom.
- Rope handle.



5109

| Cat. No. | Diameter | Height | Extra Features | Weight (lbs.) |
|----------|--------------|--------------|---|---------------|
| 5109 | 12" (305 mm) | 15" (381 mm) | N/A | 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 |

All dimensions are in inches and (millimeters).



Canvas Buckets

Vinyl Bucket Top

- Top cover for canvas bucket designed to keep the elements out and tools securely inside.
- Compatible with Klein Tools 5104 and 5109 series buckets.
- Attaches with VELCRO®.
- Includes safety strap loop to ensure connection to bucket.
- Bucket not included.



51TOP

| Cat. No. | Diameter | Height | Weight (lbs) |
|----------|----------------|--------------|--------------|
| 51TOP | 12.5" (318 mm) | 3.5" (89 mm) | .4 |

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:

- 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:

- 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 Pockets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Sisal-rope handle.
- Tripod suspension rope for greater stability.
- Equipped with Cat. No. 2012 swivel snap hook.

| Cat. No. | Length | Width | Height | Pockets | Extra Features | Weight (lbs.) |
|----------|--------------|-------------|--------------|--|-----------------------------|---------------|
| 5144S | 14" (356 mm) | 7" (177 mm) | 10" (254 mm) | 15 inside pockets | swivel snap (Cat. No. 2012) | 2.17 |
| 5152S | 14" (356 mm) | 7" (177 mm) | 10" (254 mm) | 26 inside pockets & 15 outside pockets | swivel snap (Cat. No. 2012) | 2.46 |



5144S



5152S

All dimensions are in inches and (millimeters).



Canvas Buckets

Features:



LOAD RATED

⚠WARNING:

- Inspect for damage before each use.
- Remove from service if bucket shows signs of wear
- Never exceed the working load limit.
- Completely close top before each use.

A strong reinforced web strap extends down the side of the bucket for extra weight capacity.

Heavy Duty Top Closing Bucket

- Load rated 150 lbs.
- Top of bucket zips closed.
- 14" diameter accommodates standard 5 gallon bucket.
- Body constructed of heavy-duty No. 1 canvas.
- Web strap extends down the side of the bucket.
- Leather reinforced bottom extends 3" up the side.
- Durable steel rim.



Holds 5 gallon bucket



5104CLR17

5104CLR22

| Cat. No. | Diameter | Height | Weight |
|-----------|--------------|--------------|---------------------|
| 5104CLR17 | 14" (356 mm) | 17" (439 mm) | 6.70 lbs. (3.04 kg) |
| 5104CLR22 | 14" (356 mm) | 22" (559 mm) | 6.95 lbs. (3.15 kg) |

All Purpose Work Bucket

- Load rated: 150 lbs.
- Web strap extends down the side of the bucket.
- Heavy duty plastic bottom with drain holes.

| Cat. No. | Diameter | Height | Weight |
|----------|--------------|--------------|---------------------|
| 5109SLR | 12" (305 mm) | 15" (381 mm) | 5.95 lbs. (2.70 kg) |



5109SLR



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) included 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

Hard Body Oval Buckets

- Fabric constructed of rugged denier polyester to resist wear and tear on the jobsite (Cat. No. 5144BHB14OS).
- Black molded polypropylene bottom with drain holes.
- Cat. No. 5144H hooks sold separately.



5144BHB



5144BHB14OS



5144BHHB



Kick Stand
on back of
Cat. No. 5144BHB

| Cat. No. | Pockets | Handle | Color | Length | Height | Width | Weight (lbs) |
|-------------|---------|--------|--------|--------------|--------------|-------------|--------------|
| 5144BHB | 14 | No | orange | 14" (356 mm) | 10" (254 mm) | 7" (178 mm) | 2 |
| 5144BHHB | 14 | Yes | orange | 14" (356 mm) | 10" (254 mm) | 7" (178 mm) | 2 |
| 5144BHB14OS | 29 | Yes | black | 14" (356 mm) | 10" (254 mm) | 7" (178 mm) | 3 |

Hard Body Oval Bucket with Knife Sheath

- Includes leather skinning knife sheath and 14 other interior pockets.
- Orange, non-conductive plastic exterior maintains bucket shape.
- Fabric constructed of rugged denier polyester to resist wear and tear on the jobsite.
- Black molded polypropylene bottom with drain holes.
- Cat. No. 5144H hooks sold separately.



Knife Sheath
inside of
Cat. No. 5144HBS

| Cat. No. | Interior Pockets | Handle | Color | Length | Height | Width | Weight (lbs) |
|----------|------------------|--------|--------|--------------|--------------|-------------|--------------|
| 5144HBS | 15 | Yes | orange | 14" (356 mm) | 10" (254 mm) | 7" (178 mm) | 2 |



5144HBS

All dimensions are in inches and (millimeters).



Canvas Buckets

Line-Hose Bag

- No. 6 canvas with Cyclac 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.
- Canvas loop for sliding over belt.



5471

| Cat. No. | Diameter | Depth | Weight (lbs.) |
|----------|----------------|------------------|---------------|
| 5471 | 2-1/2" (64 mm) | 15-1/2" (394 mm) | .25 |

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.



5143

| Cat. No. | Diameter | Depth | Weight (lbs.) |
|----------|-----------------|-------------|---------------|
| 5143 | 6-1/2" (165 mm) | 8" (203 mm) | .30 |



Lineman Accessories

Aerial Aprons

- Includes: ten hand tool pockets, two pouches, hammer loop and two drill bit holders (Cat. Nos. 51829, 51829M).
- Two pouches reinforced with heavy duty rivets.
- Cat. No. 5144H hooks sold separately.
- Hot stick pocket (Cat. No. 51829MHS).



Sewn-in magnet conveniently holds nuts, bolts and other small metal objects

| Cat. No. | Interior Pockets | Magnet | Color | Width | Height | Weight (lbs.) |
|----------|------------------|--------|--------|--------------|----------------|---------------|
| 51829 | 18 | No | orange | 24" (609 mm) | 23" (584 mm) | 4 |
| 51829M | 18 | Yes | orange | 24" (609 mm) | 23" (584 mm) | 4 |
| 51829MHS | 16 | Yes | orange | 32" (813 mm) | 27.5" (699 mm) | 4 |

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).



2012

| Cat. No. | Length | Width | Weight (lbs.) |
|----------|-----------------|----------------|---------------|
| 2012 | 4-3/8" (111 mm) | 1-5/8" (41 mm) | .28 |

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.



5144H

| Cat. No. | Weight (lbs.) |
|----------|---------------|
| 5144H | .30 |

Slings

Pole Sling

- For use where a running loop wrap around pole is desired.
- Nylon web stitched with nylon thread.
- NOT an occupational protective device. NOT for human support.



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 |

All dimensions are in inches and (millimeters).

⚠WARNING: This is NOT an occupational protective device. NOT for human support.



UTILITY STORAGE



Innovative and practical solutions to haul utility tools and gear

KLEIN TOOLS 
For Professionals... Since 1857®

Lineman Buckets
& Accessories



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.
- Sheaves are strong, yet are lightweight aluminum alloy with all-bronze bushings.
- Light, galvanized-steel shell blocks are fitted with snubbing hooks to hold the load.
- Hooks fit under insulator and engage pin on cross arm.
- All Klein block and tackle use high-quality, 3/8" diameter rope.

- Available with standard snap hooks or guarded snap hooks (with snap hook nose lengthened to extend over the latch or keeper).
- Choice of forged hook Cat. No. 258 or swivel hook Cat. No. 259.
- Catalog numbers followed by S/R have rope spliced to block.
- Maximum safe load is 750 lbs. (338 kg).

Anchor Hook

- Forged hook is designed to fit under insulator and engage pin of cross arm.
- Maximum safe load 750 lbs. (340 kg).
- Standard on Klein block & tackle Cat. Nos. 1802-30 and H1802-30.



258

| 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).



259

| 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).



455

| Cat. No. | Eye I.D. | Throat Opening | Overall Length | Weight (lbs.) |
|----------|----------------|----------------|----------------|---------------|
| 455 | 15/16" (24 mm) | 1" (25 mm) | 5" (127 mm) | .84 |

Rope



- Works with all block and tackle products.
- High-quality, 3/8" diameter rope.

| Cat. No. | Diameter | Average Strength | Minimum Strength | Overall Length | Weight (lbs.) |
|----------|-------------|------------------|------------------|----------------|---------------|
| 48502 | 3/4" (9 mm) | 3,600 (1600 kg) | 3,200 (1500 kg) | 25' (7,620 mm) | .78 |

Blocks

- Blocks without ropes and hooks.
- Made of light galvanized steel and aluminum alloy.
- Sheaves have bronze bushings.



267



268



H267



H268

| 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 Packages

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 |



1802-30

1802-30 S/R



1802-30S

1802-30S S/R

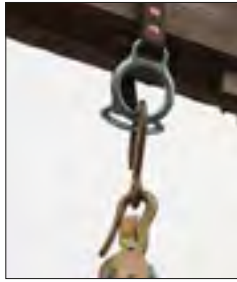
All dimensions are in inches and (millimeters).

WARNING: These are NOT occupational protective devices. Do NOT use for human support.



Block and Tackle Packages

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 |



H1802-30



H1802-30 S/R



H1802-30S



H1802-30S 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

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

- Strap is made of tough Klein-Kord®.
- Swivel hook is forged steel with large opening.
- Shank of hook is lengthened to reach under insulator.
- Other end has device to hold the load at any distance.
- All metal parts are galvanized.
- Max. safe load 500 lbs. (225 kg).



1702-20N

| Cat. No. | 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 |

Web Strap Ratchet Hoist

NEW!

- Large, non-conductive drum knob allows web slack to be adjusted with ease.
- 360° handle rotation.
- 3/4 ton single line and 1-1/2 ton double line load rating.
- Tight ratcheting mechanism allows precise tensioning.
- Meets ANSI/ASME B30.21-2005 & B30.10-2009 standards.

| Cat. No. | Pull Type | Approx. Weight Each |
|------------|---------------|---------------------|
| KN1500P-EX | Single/Double | 1.95 |



Single Line
Load Rating: 1500 lbs. (675 kg)
Min. to Max. Pulling Distance inches (mm):
 20" - 138" (500 mm - 3500 mm)

Double Line
Load Rating: 3000 lbs. (1350 kg)
Min. to Max. Pulling Distance inches (mm):
 26" - 79" (700 mm - 2000 mm)

KN1500P-EX

All dimensions are in inches and (millimeters).

⚠WARNING: These are NOT occupational protective devices. Do NOT use for human support.



Wire Pulling Grips

Klein combines strength and durability to create an extremely high-quality line of grips. With ease-of-use and reliability, Klein wire-pulling grips set the mark.

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.

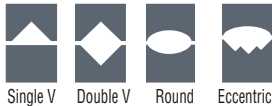
Features:



Drop-forged, quality US steel.

Heat treated for strength and durability.

Several jaw contours available for a wide variety of cables.



Single V Double V Round Eccentric

Precision machined jaws for proper alignment.



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 Magnflux 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 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.



Recommended Care and Maintenance

Grip Cleaning, Lubricating and Inspecting

The following guidelines have been established to keep all grips in good working condition.

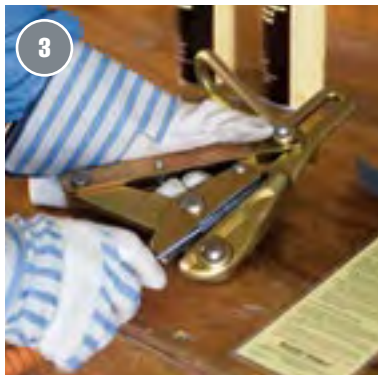
Cleaning



◀ **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).



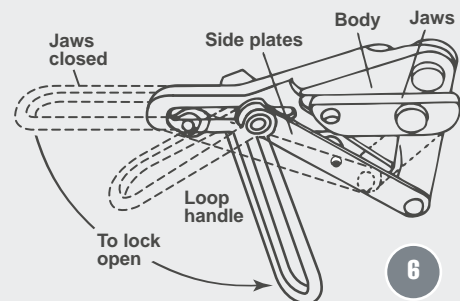
▶ **Step 4.** Wipe grips dry with soft cloth. Repeat all cleaning steps as necessary until grip is completely clean (photo #4).

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: Conductors may have a die-grease coating which can deposit on grip jaws. New conductors should be wiped clean before grip application. Grip jaws should be wiped clean of all grease before use.



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 allow 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 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.

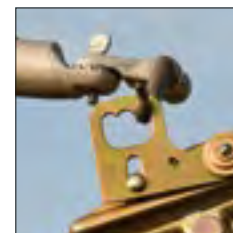


1625-20

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.


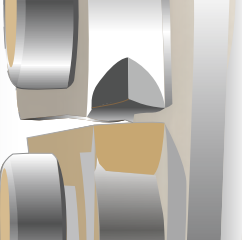



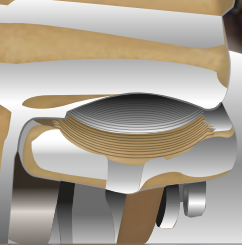
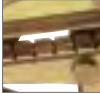



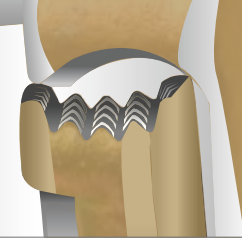
▲WARNING: When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

▲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

| | | | | |
|--|---|---|---|----------------------------------|
|  <p>Single V</p> | Recommended for: | | | |
|  <ul style="list-style-type: none"> Simple three-point contact jaws. Designed for use on small diameter bare wire and cable (solid and stranded). | Steel Strand Cat. No. | 1613-30 | | |
|  <p>Double V</p> | Recommended for: | | | |
|  <ul style="list-style-type: none"> Four-point contact provides greater gripping pressure and assures proper alignment of wire and cable within the jaws. Designed for high strength messenger and guy strand and extra high-strength cables and conductors, as well as a wide range of cables. | Steel Strand Cat. No. | Wide Range of Cables Cat. No. | 1671-10 1672-10 1686-10 1686-20 | |
|  <p>Round</p> | Recommended for: | | | |
|  <ul style="list-style-type: none"> Round jaws provide maximum contact and gripping power to minimize conductor deformation. (Smooth and knurled styles). Recommended for use on bare aluminum, ACSR, AAC and copper conductors as well as a wide range of cables. | ACSR and AAC Cat. No. | Weatherproof and PVC Covered Copper Cat. No. | Steel Strand Cat. No. | Wide Range of Cables Cat. No. |
| | 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 |  1611-20 1611-30 1611-40 1611-50 Notched Jaw  1659-20 1659-30 1659-40 1659-50 Serpentine Jaw |  1659-5AT Serpentine Jaw | 1685-20 1685-31 |
|  <p>Eccentric</p> | Recommended for: | | | |
|  <ul style="list-style-type: none"> Eccentric jaw applies gripping pressure to 1/4" of cable area. Recommended for use when conductor deformation is not an issue. Available only on the Haven's® Grips. | Steel Strand Cat. No. | | | |
| | 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.

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 | MAXIMUM SAFE LOAD | | | |
|-----------------------|----------------------|------------------------------|-----------|---|---------------------------------|------------------------------|------------------------------|
| | | | | A 4,500 lbs (2041 kg) | B 8,000 lbs (3629 kg) | C 15,000 lbs (6803 kg) | D 20,000 lbs (9072 kg) |
| | | | | Cat. No. | Cat. No. | Cat. No. | Cat. No. |
| 4 | .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 | 1628-16PM* | 1628-30N* |
| 477 MCM | .858" (21.79 mm) | 26 x 7 | Hawk | | 1656-50, 1656-50H & S1656-50H | 1628-16PM* | 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.



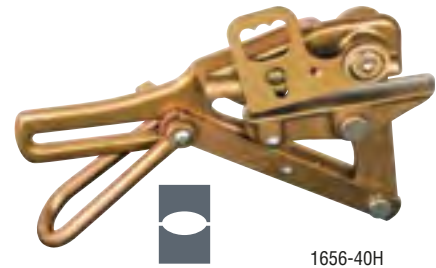
ACSR (Aluminum Conductor Steel Reinforced)

Chicago® Grip – 1656 Series

- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR.
- Smooth jawed grips with maximum contact 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)

See facing page
for grip details.

For Cable Diameter

605 - 2515 MCM

.966" - 1.88" (24.54 mm - 47.75 mm)

| MCM Cable Size | Diameter inches (mm) | No. of Alum. & Steel Strands | Code Word | C | | | D | | | E | | |
|----------------|----------------------|------------------------------|-------------|-----------------------|--|-----------|------------------------|-----------|--|--|--|----------|
| | | | | 20,000 lbs (9,072 kg) | | | 25,000 lbs (11,340 kg) | | | 25,000 lbs. with bolt on jaw (11,340 kg) | | |
| | | | | Cat. No. | | Cat. No. | | Cat. No. | | Cat. No. | | Cat. No. |
| 605 MCM | .966" (24.54 mm) | 26 x 7 | Squab | 1628-30P* | | | | 1628-50P* | | | | |
| 636 MCM | .977" (24.82 mm) | 24 x 7 | Rook | 1628-30P* | | | | 1628-50P* | | | | |
| 636 MCM | .991" (25.15 mm) | 26 x 7 | Grosbeak | 1628-30P* | | | | 1628-50P* | | | | |
| 605 MCM | .994" (25.25 mm) | 30 x 19 | Teal | 1628-30P* | | | | 1628-50P* | | | | |
| 605 MCM | .994" (25.25 mm) | 30 x 7 | Wood Duck | 1628-30P* | | | | 1628-50P* | | | | |
| 666.6 MCM | 1.00" (25.40 mm) | 24 x 7 | Flamingo | 1628-30P* | | | | 1628-50P* | | | | |
| 666.6 MCM | 1.014" (25.76 mm) | 26 x 7 | Gannet | 1628-30P* | | | | 1628-50P* | | | | |
| 636 MCM | 1.019" (25.88 mm) | 30 x 19 | Egret | 1628-30R* | | | | 1628-50R* | | | | |
| 636 MCM | 1.019" (25.88 mm) | 30 x 7 | Scoter | 1628-30R* | | | | 1628-50R* | | | | |
| 795 MCM | 1.040" (26.41 mm) | 36 x 1 | Coot | 1628-30R* | | | | 1628-50R* | | | | |
| 715.5 MCM | 1.051" (26.70 mm) | 26 x 7 | Starling | 1628-30R* | | | | 1628-50R* | | | | |
| 795 MCM | 1.063" (27.00 mm) | 45 x 7 | Tern | 1628-30R* | | | | 1628-50R* | | | | |
| 715.5 MCM | 1.081" (27.46 mm) | 30 x 19 | Redwing | 1628-30S* | | | | 1628-50S* | | | | |
| 795 MCM | 1.092" (27.76 mm) | 54 x 7 | Condor | 1628-30S* | | | | 1628-50S* | | | | |
| 795 MCM | 1.092" (27.74 mm) | 24 x 7 | Cuckoo | 1628-30S* | | | | 1628-50S* | | | | |
| 795 MCM | 1.107" (28.14 mm) | 26 x 7 | Drake | 1628-30S* | | | | 1628-50S* | | | | |
| 900 MCM | 1.131" (28.73 mm) | 45 x 7 | Ruddy | 1628-30S* | | | | 1628-50S* | | | | |
| 795 MCM | 1.140" (28.96 mm) | 30 x 19 | Mallard | 1628-30S* | | | | 1628-50S* | | | | |
| 900 MCM | 1.162" (29.51 mm) | 54 x 7 | Canary | 1628-30T* | | | | 1628-50T* | | | | |
| 954 MCM | 1.165" (29.59 mm) | 20 x 7 | Corncrake | 1628-30T* | | | | 1628-50T* | | | | |
| 954 MCM | 1.165" (29.59 mm) | 45 x 7 | Rail | 1628-30T* | | | | 1628-50T* | | | | |
| 954 MCM | 1.175" (29.85 mm) | 48 x 7 | Towhee | 1628-30T* | | | | 1628-50T* | | | | |
| 954 MCM | 1.196" (30.38 mm) | 54 x 7 | Cardinal | 1628-30T* | | | | 1628-50T* | | | | |
| 954 MCM | 1.196" (30.38 mm) | 24 x 7 | Redbird | 1628-30T* | | | | 1628-50T* | | | | |
| 1033.5 MCM | 1.212" (30.81 mm) | 45 x 7 | Ortolan | 1628-30U* | | 1628-40U* | | 1628-50U* | | | | |
| 1033.5 MCM | 1.245" (31.65 mm) | 54 x 7 | Curlew | 1628-30U* | | 1628-40U* | | 1628-50U* | | | | |
| 1113 MCM | 1.258" (31.95 mm) | 45 x 7 | Bluejay | 1628-30U* | | 1628-40U* | | 1628-50U* | | | | |
| 1113 MCM | 1.292" (32.84 mm) | 54 x 19 | Finch | | | 1628-40W* | | 1628-50W* | | | | |
| 1192.5 MCM | 1.302" (33.07 mm) | 45 x 7 | Bunting | | | 1628-40W* | | 1628-50W* | | | | |
| 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 | Jorea | | | | | 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 – 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.

Chicago® Grip – Dual Conductor

- Designed specifically for VR2® (vibration-resistant) and TransPowr® T-2® dual conductor twisted pair cables.
- Machined upper and lower jaws eliminate scoring or damage to second conductor.
- Round jaws shaped to provide maximum contact with circumference of cable and prevent cable deformation.
- Supplied with spring and locking loop handles, allows jaws to be held in open position for easier placement on cable.

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 |
|------------|------------------------|---------------------------------------|------------------|--------------------|
| 1628-40VRU | 1113 MCM - 1192.5 MCM | 1.212" - 1.258" (30.75 mm - 31.95 mm) | 10-3/4" (273 mm) | 34 lbs. (15.45 kg) |

Currently available in U size. Made to order sizes also available. Please call Klein Tools for expected delivery dates.



1628-40VRU

*These grips are special order only. Please allow 30 days for delivery. These are not returnable.

VR2 is a registered trademark of Southwire Company. TransPowr and T-2 are registered trademarks of General Cable Technologies Corporation.



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 | | | | | E |
|----------------|----------------------|------------------------------|----------------|---|----------------|----------------------|------------------------------|------------------|---|
| | | | | 25,000 lbs. (11,340 kg) with bolt on jaw | | | | | 25,000 lbs. (11,340 kg) with bolt on jaw |
| MCM Cable Size | Diameter inches (mm) | No. of Alum. & Steel Strands | Code Word | Cat. No. | 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 | Kiwii/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 | Joreau/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.

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.

VR2 is a registered trademark of Southwire Company. TransPowr and T-2 are registered trademarks of General Cable Technologies Corporation.



ACSS/TW (Aluminum Conductor Steel Supported/Trapezoidal Wire)

For Cable Diameter

795 - 2627.3 MCM

.960" - 1.762" (24.38 mm - 44.75 mm)

| MCM Cable Size | Diameter inches (mm) | No. of Alum. & Steel Strands | Code Word | D | E |
|---------------------|------------------------------------|------------------------------|---------------------|----------------------------|--|
| | | | | 25,000 lbs. (11,340 kg) | 25,000 lbs. (11,340 kg) with bolt on jaw |
| | | | | | Cat. No |
| 397.5 MCM | .766"- .828" (19.46 mm - 21.03 mm) | 18 x 7 | Brant/Iis/Lark | 1628-400* | 1628-500* |
| 556.5 MCM - 600 MCM | .891"- .953" (22.63 mm - 24.20 mm) | 18 x 7 | Maumee/ACSS/TW | 1628-40M* | 1628-50M* |
| 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* |
| 1949.9 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* |

Wire Pulling Grips



*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.

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 | MAXIMUM SAFE LOAD | | | |
|-----------------------|----------------------|----------------------|-------------|---|---------------------------------|------------------------------|------------------------------|
| | | | | A 4,500 lbs (2041 kg) | B 8,000 lbs (3629 kg) | C 15,000 lbs (6803 kg) | D 20,000 lbs (9072 kg) |
| | | | | Cat. No. | Cat. No. | Cat. No. | Cat. No. |
| 4 | .231" (5.87 mm) | 7 | Rose | 1656-20, 1656-20H and S1656-20H | | | |
| 2 | .292" (7.42 mm) | 7 | Iris | 1656-20, 1656-20H and S1656-20H | | | |
| 1 | .328" (8.33 mm) | 7 | Pansy | 1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H | | 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.

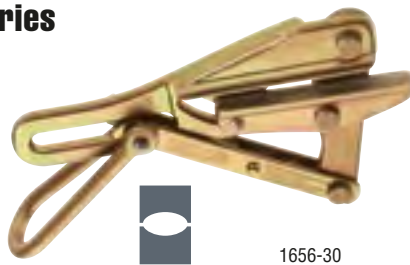
WARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



AAC (All Aluminum Conductor)

Chicago® Grip – 1656 Series

- Round, smooth inside jaw contour on this series of grips is recommended for bare AAC.
- Smooth jawed grips with maximum contact 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.

All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: See facing page.



AAC (All Aluminum Conductor)

See facing page
for grip details.

For Cable Diameter

700 - 2500 MCM

.963" - 1.823" (24.46 mm - 46.30 mm)

| MCM Cable Size | Diameter inches (mm) | No. of Alum. & Steel Strands | Code Word | Cat. No. | C | D | E |
|----------------|----------------------|------------------------------|------------|-----------|--------------------------|---------------------------|--|
| | | | | | 20,000 lbs (9,072 kg) | 25,000 lbs (11,340 kg) | 25,000 lbs. (11,340 kg) with bolt on jaw |
| | | | | | Cat. No. | Cat. No. | Cat. No. |
| 700 MCM | .963" (24.46 mm) | 37 | Verbena | 1628-30P* | | | 1628-50P* |
| 700 MCM | .964" (24.49 mm) | 61 | Flag | 1628-30P* | | | 1628-50P* |
| 715.5 MCM | .974" (24.73 mm) | 37 | Violet | 1628-30P* | | | 1628-50P* |
| 715.5 MCM | .975" (24.76 mm) | 61 | Nasturtium | 1628-30P* | | | 1628-50P* |
| 750 MCM | .997" (25.32 mm) | 37 | Petunia | 1628-30P* | | | 1628-50P* |
| 750 MCM | .998" (25.35 mm) | 61 | Cattail | 1628-30P* | | | 1628-50P* |
| 795 MCM | 1.026" (26.07 mm) | 37 | Arbutus | 1628-30R* | | | 1628-50R* |
| 795 MCM | 1.028" (26.11 mm) | 61 | Lilac | 1628-30R* | | | 1628-50R* |
| 800 MCM | 1.029" (26.14 mm) | 37 | Fuchsia | 1628-30R* | | | 1628-50R* |
| 800 MCM | 1.031" (26.19 mm) | 61 | Heliotrope | 1628-30R* | | | 1628-50R* |
| 874.5 MCM | 1.076" (27.37 mm) | 37 | Anemone | 1628-30R* | | | 1628-50R* |
| 874.5 MCM | 1.077" (27.36 mm) | 61 | Crocus | 1628-30R* | | | 1628-50R* |
| 900 MCM | 1.092" (27.74 mm) | 37 | Cockscomb | 1628-30S* | | | 1628-50S* |
| 954 MCM | 1.124" (28.55 mm) | 37 | Magnolia | 1628-30S* | | | 1628-50S* |
| 954 MCM | 1.126" (28.60 mm) | 61 | Goldenrod | 1628-30S* | | | 1628-50S* |
| 1000 MCM | 1.152" (29.26 mm) | 61 | Camellia | 1628-30T* | | | 1628-50T |
| 1000 MCM | 1.152" (29.26 mm) | 37 | Hawkweed | 1628-30T* | | | 1628-50T* |
| 1033.5 MCM | 1.170" (29.71 mm) | 37 | Bluebell | 1628-30T* | | | 1628-50T* |
| 1033.5 MCM | 1.172" (29.76 mm) | 61 | Larkspur | 1628-30T* | | | 1628-50T* |
| 1113 MCM | 1.216" (30.88 mm) | 61 | Marigold | 1628-30U* | 1628-40U* | | 1628-50U* |
| 1192.5 MCM | 1.258" (31.96 mm) | 61 | Hawthorn | 1628-30U* | 1628-40U* | | 1628-50U* |
| 1272 MCM | 1.297" (32.94 mm) | 61 | Narcissus | | 1628-40W* | | 1628-50W* |
| 1351.5 MCM | 1.339" (34.02 mm) | 61 | Columbine | | 1628-40X* | | 1628-50X* |
| 1431 MCM | 1.379" (35.02 mm) | 61 | Carnation | | 1628-40X* | | 1628-50X* |
| 1510.5 MCM | 1.417" (35.98 mm) | 61 | Gladiolus | | 1628-40Y* | | 1628-50Y* |
| 1590 MCM | 1.454" (36.93 mm) | 61 | Coreopsis | | 1628-40Z* | | 1628-50Z* |
| 1750 MCM | 1.524" (38.72 mm) | 61 | Jessamine | | 1628-40A* | | 1628-50A* |
| 2000 MCM | 1.630" (41.41 mm) | 91 | Cowslip | | | | 1628-50B* |
| 2250 MCM | 1.729" (43.92 mm) | 91 | Sagebrush | | | | 1628-50D* |
| 2500 MCM | 1.823" (46.30 mm) | 91 | Lupine | | | | 1628-50E* |

** Maximum safe stringing tension 12,500 lbs to minimize cable deformation.

* Special order. Please allow 30 days for delivery. These are not returnable.

Wire Pulling Grips



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.

AAC (All Aluminum Conductor)

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

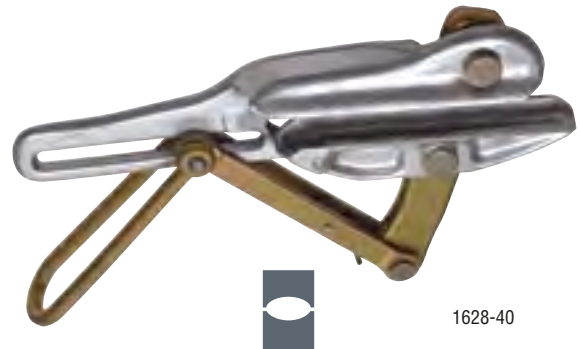
| Cat. No. | Min. to Max. Cable MCM | Min. to Max. Cable Diameter inches (mm) | Jaw Length | Approx. Weight Each |
|-----------|------------------------|--|---------------------|-----------------------|
| 1628-30P* | 700 MCM - 750 MCM | .963" - .998" (24.46 mm - 25.35 mm) | 10-3/4" (273 mm) | 27 lbs. (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 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 |
|--|---------------------|----------------------------|---|-----------------|---------------------|
| 4,500 lbs. (2,041 kg) Maximum Safe Load | | | | | |
| 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) |
| 8,000 lbs. (3,629 kg) Maximum Safe Load | | | | | |
| 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 |
|--|---|-------------------|---------------------|
| 4,500 lbs. (2,041 kg) Maximum Safe Load | | | |
| 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) |
| 8,000 lbs. (3,629 kg) Maximum Safe Load | | | |
| 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) |

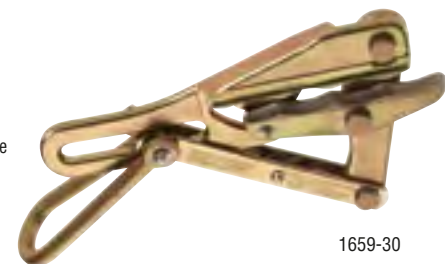
Note: Due to various types of weatherproof coatings available, selection of proper grips is determined by outside diameter of cable.

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.

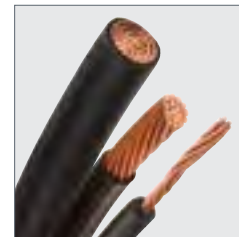


Serpentine Jaw



1659-30

| Cat. No. | Min. to Max. Cable Diameter inches (mm) | Jaw Length | Approx. Weight Each |
|--|---|-------------------|---------------------|
| 4,500 lbs. (2,041 kg) Maximum Safe Load | | | |
| 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) |
| 8,000 lbs. (3,629 kg) Maximum Safe Load | | | |
| 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.

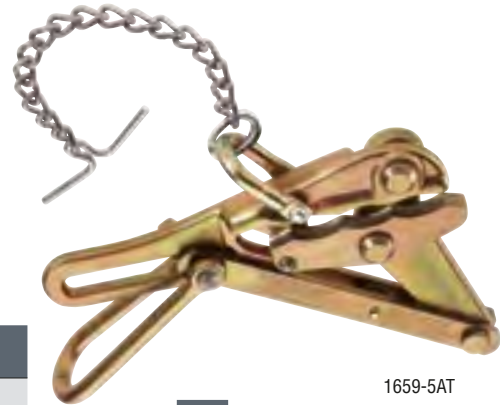
⚠WARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



Steel Strand – Chicago® 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

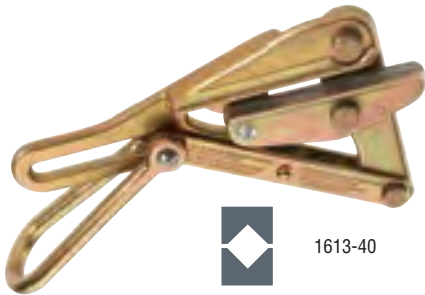


Serpentine Jaw

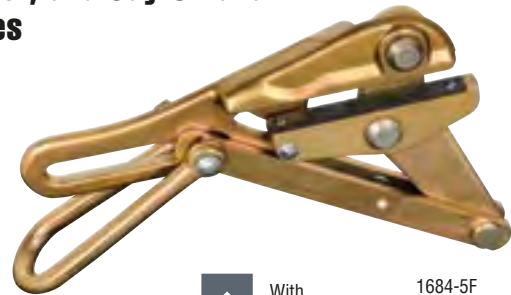
| Cat. No. | Min. to Max. Cable Diameter inches (mm) | Jaw Length | Approx. Weight Each |
|---|---|-----------------|---------------------|
| 5,000 lbs. (2,268 kg) Maximum Safe Load | | | |
| 1659-5AT ("B" Strand Puller) | .20" - .37" (5.08 mm - 9.40 mm) | 5" (127mm) | 6.70 lbs. (3.03 kg) |
| 8,000 lbs. (3,629 kg) Maximum Safe Load | | | |
| 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) |
| 15,000 lbs. (6,803 kg) Maximum Safe Load | | | |
| 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)

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



Milled curved jaw

1684-74

- 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 parts available: 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 |
|---|---------------------|----------------------------|---|------------------|----------------------|
| 4,500 lbs. (2,041 kg) Maximum Safe Load | | | | | |
| 1613-40 | 1613-40H | S1613-40H | .12" - .37" (3.05 mm - 9.40 mm) | 4-3/16" (106 mm) | 3 lbs. (1.36 kg) |
| 8,000 lbs. (3,629 kg) Maximum Safe Load | | | | | |
| 1684-5F | 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) |
| 8,000 lbs. (3,629 kg) Maximum Safe Load – EHS Specific | | | | | |
| 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) |
| 15,000 lbs. (6,803 kg) Maximum Safe Load | | | | | |
| 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.

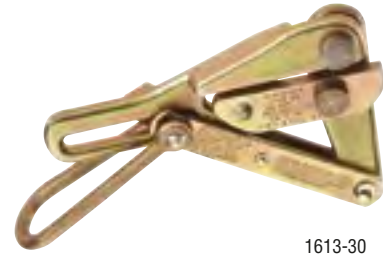
WARNING: See facing page.



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, cost-effective 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

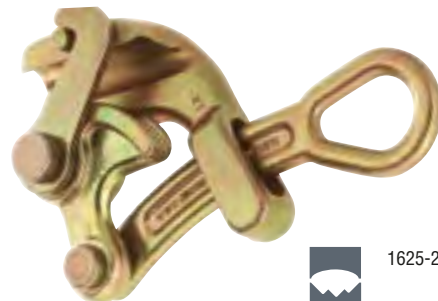


1604-20L

| Cat. No. | Latch Model | Min. to Max. Cable Diameter inches (mm) | Jaw Length | Approx. Weight Each |
|--|-------------|---|------------|---------------------|
| 2,500 lbs. (1,134 kg) Maximum Safe Load | | | | |
| 1604-10 | NA | .06" - .25" (1.52 mm - 6.35 mm) | N/A | 1 lb. (.45 kg) |
| 5,000 lbs. (2,268 kg) Maximum Safe Load | | | | |
| 1604-20 | 1604-20L | .125" - .50" (3.18 mm - 12.70 mm) | N/A | 2.08 lbs. (1.14 kg) |

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 |
|--|---|------------|---------------------|
| 8,000 lbs. (3,629 kg) Maximum Safe Load | | | |
| 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.



Wide Range of Cables

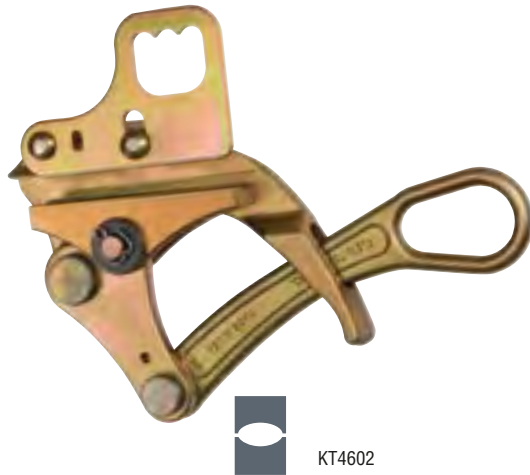
Parallel Jaw Grips – KT4500, KT4600 and KT4800 Series



KT4500



KT4650



KT4602



KT4800

- The KT4500, KT4600 and KT4800 Series feature a round serrated jaw.
- KT4501, KT4502, KT4601, KT4602, KT4801, KT4802 are supplied with hot latches.
- Hot latch closes automatically to guard against grip accidentally disengaging from wire.
- Large opening in the handle to accommodate a wide variety of hooks on hoists, winches and tackle blocks.

| Cat. No. | Min. to Max. Cable Diameter inches (mm) | Hot Latch | Spring | Locking Handle | Jaw Length | Approx. Weight Each |
|---|---|-----------|--------|----------------|-----------------|---------------------|
| 5,000 lbs. (2,268 kg) Maximum Safe Load | | | | | | |
| KT4500 | .180" - .600" (4.57 mm - 15.2 mm) | | ● | | 4" (101.3 mm) | 3.75 lbs. (1.70 kg) |
| KT4501 | .180" - .600" (4.57 mm - 15.2 mm) | ● | ● | ● | 4" (101.3 mm) | 3.75 lbs. (1.70 kg) |
| KT4502 | .180" - .600" (4.57 mm - 15.2 mm) | ● | | | 4" (101.3 mm) | 3.75 lbs. (1.70 kg) |
| KT4650 | .160" - .900" (4.00 mm - 23.0 mm) | | ● | | 4-1/2" (114 mm) | 4.90 lbs. (2.22 kg) |
| KT4652 | .160" - .900" (4.00 mm - 23.0 mm) | ● | ● | | 4-1/2" (114 mm) | 4.90 lbs. (2.22 kg) |
| 10,000 lbs. (4,536 kg) Maximum Safe Load | | | | | | |
| KT4600 | .300" - .800" (7.62 mm - 20.3 mm) | | ● | | 5" (127 mm) | 7 lbs. (3.18 kg) |
| KT4601 | .300" - .800" (7.62 mm - 20.3 mm) | ● | ● | ● | 5" (127 mm) | 7 lbs. (3.18 kg) |
| KT4602 | .300" - .800" (7.62 mm - 20.3 mm) | ● | | | 5" (127 mm) | 7 lbs. (3.18 kg) |
| 12,000 lbs. (5,443 kg) Maximum Safe Load | | | | | | |
| KT4800 | .700" - 1.25" (17.8 mm - 31.8 mm) | | ● | | 5-1/8" (130 mm) | 9 lbs. (4.1 kg) |
| KT4801 | .700" - 1.25" (17.8 mm - 31.8 mm) | ● | ● | ● | 5-1/8" (130 mm) | 9 lbs. (4.1 kg) |
| KT4802 | .700" - 1.25" (17.8 mm - 31.8 mm) | ● | | | 5-1/8" (130 mm) | 9 lbs. (4.1 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.

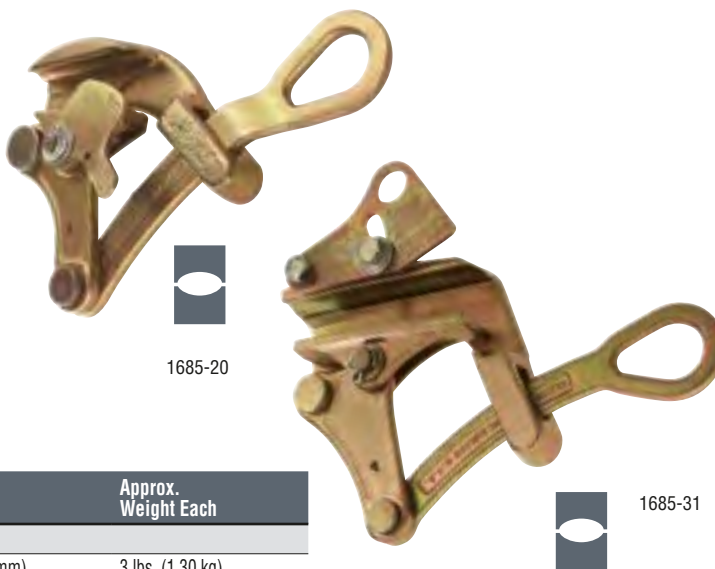
▲WARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



Wide Range of Cables

Parallel Jaw Grips – 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 |
|--|---|-----------------|---------------------|
| 4,500 lbs. (2,041 kg) Maximum Safe Load | | | |
| 1685-20 | .157" - .875" (4 mm - 22 mm) | 2-1/2" (64 mm) | 3 lbs. (1.30 kg) |
| 7,500 lbs. (3,400 kg) Maximum Safe Load | | | |
| 1685-31 | .625" - 1.250" (16 mm - 32 mm) | 4-1/2" (114 mm) | 5 lbs. (2.27 kg) |

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.



1672-10

| Cat. No. | Min. to Max. Cable Diameter inches (mm) | Jaw Length | Approx. Weight Each |
|---|---|-----------------|---------------------|
| 10,000 lbs. (4,536 kg) Maximum Safe Load | | | |
| 1686-10 | .20" - .40" (5.08 mm - 10.16 mm) | 4-3/8" (111 mm) | 5 lbs. (2.27 kg) |
| 1686-20 | .20" - .40" (5.08 mm - 10.16 mm) | 4-3/8" (111 mm) | 5 lbs. (2.27 kg) |
| Knurled Jaw | | | |
| 1671-10 | .37" - .75" (9.40 mm - 19.05 mm) | 4-3/8" (111 mm) | 5 lbs. (2.27 kg) |
| 1672-10 | .37" - .75" (9.40 mm - 19.05 mm) | 4-3/8" (111 mm) | 5 lbs. (2.27 kg) |
| Knurled Jaw | | | |

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.



Interchangeable Jaw Grips & Liners

Interchangeable Jaw Grips & Liners

- Constructed of high strength alloy steel, hot forged, heat treated, and galvanized for toughness, strength and corrosion resistance.
- Suitable for Optical Ground Wire (OPGW) conductors .236" to .906" (6 mm - 23 mm) (Cat. No. 1628-80).
- Offers a full range of interchangeable liners to be inserted between the upper and lower jaws of the grip.



1628-60



1628-80



Lower liner – Aluminum
Upper liner – Aluminum
(Cat. No. 1628-60)



Lower liner – Polyurethane
(provides cushioning for the optical cable)
Upper liner – Aluminum
(Cat. No. 1628-80)

- Liners are made to order. Call customer service with details of cable diameter, cable type and working load requirements for availability and lead time.

| Cat. No. | Description | Cable Diameter Range | Maximum Working Load | Recommended For: | Weight |
|----------|-----------------------------|----------------------------------|-----------------------|------------------|------------------|
| 1628-60 | 1628-60 grip body only | .394" to 1.614" (10 mm to 41 mm) | 6,750 lbs. (3060 kg.) | conductor cable | 38 lbs. (17 kg.) |
| 1628-80 | 1628-80 OPGW grip body only | .236" to .906" (6 mm to 23 mm) | 6,750 lbs. (3060 kg.) | OPGW | 15 lbs. (7 kg.) |

▲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 capacity.

All dimensions are in inches and (millimeters) unless otherwise specified.

▲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.



Accessories

Grip-Cleaning Brush Set

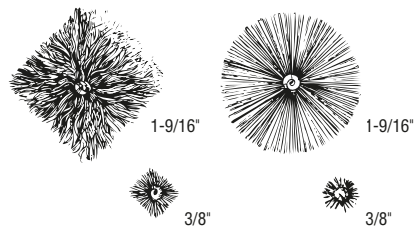
- Set of four wire-bristle brushes designed for cleaning Klein wire and cable-pulling grips.
- Brushes have stiff wire bristles.
- Available in round and square shapes and two lengths for efficient cleaning of different jaw configurations.
- Semi-flexible steel shafts set into comfortable wooden handles provide the necessary reach into grip jaws.



25450

| 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) |



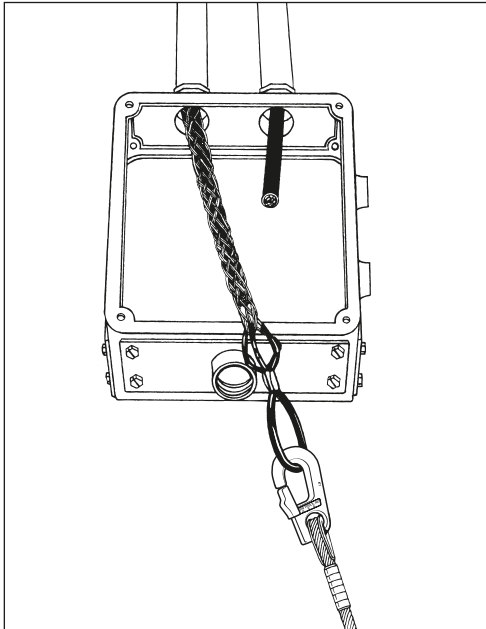
Introduction – Wire-Mesh Grips

Klein mesh pulling-grips are used for pulling overhead or underground cable, for stringing service or communication lines into buildings, for pulling wire through conduit, and for general underground construction.

Klein grips may be used for pulling bare or insulated wires, and wire rope. They install quickly and easily, and are designed to pass readily through ducts, conduit, blocks, and sheaves.

Klein grips are reusable and do not damage the cable because pulling tension remains uniform along the length of the grip. The mesh will fit either a single cable, or a bundle of cables.

Klein pulling grips are woven of galvanized steel – strong and long lasting.



General Application Information

KPJ junior-duty series is used for small-job requirements where pulling tensions are low. Typical uses are to connect insulated building wire bundles to pulling tape, and pull through conduit.

KPL light duty grips are economical for applications such as industrial plant wiring and rewiring jobs, and in underground electrical construction where pulling tensions are low.

KSRK light-duty slack-pulling grips are split mesh, single-weave design with rod closure for quick installation. Application areas similar to KSSK series, except mesh lengths are shorter and are for lower pulling loads.

KPM medium-duty grips are flexible and easily handled, ideal for use where the exceptional strength of heavy-duty grips is not required.

KSCK medium-duty slack-pulling grips with closed double-weave mesh are used for final placement of underground cable where cable end is available, or for removing cable. Standard lengths are used in restricted space for short pulls. Where space is not restricted, longer lengths are used for higher pulling loads.

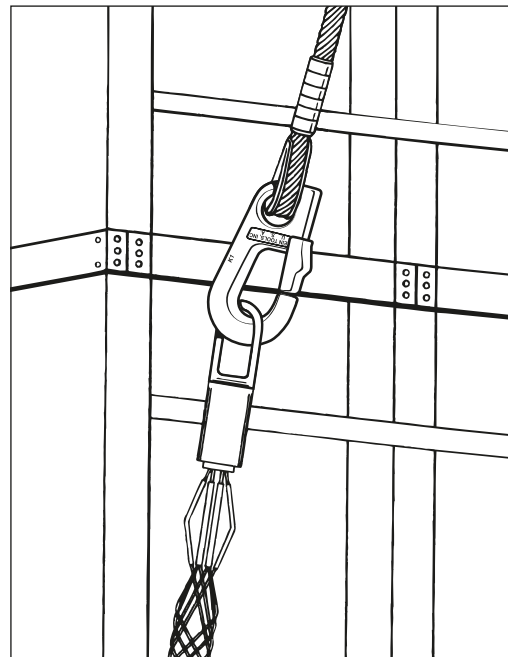
KSSK medium-duty slack-pulling grip applications are similar to the KSCK series except they are used where cable end is not available. Double-weave split mesh has lace closure.

KP heavy-duty grip series are recommended for underground installations.

KPS heavy-duty grip series are also recommended for underground installations. An additional feature of the KPS includes “rotating eye” to allow twists in the cable to spin out during slack periods.

Prefix Letter Code

| | |
|-------------|---|
| KPJ | Pulling, Junior-Duty, Closed-Mesh, Single-Weave, Light Duty, Flexible Eye |
| KPL | Pulling, Closed-Mesh, Single-Weave, Flexible Eye |
| KSRK | Slack-Pulling, Light-Duty, Split-Mesh, Single-Weave, Rod Closure, Offset Flexible Eye |
| KPM | Pulling, Medium-Duty, Closed-Mesh, Double-Weave, Flexible Eye |
| KSCK | Slack-Pulling, Medium Duty, Closed-Mesh, Double-Weave, Offset Flexible Eye |
| KSSK | Slack-Pulling, Medium Duty, Split-Mesh, Double-Weave, Lace Closure, Offset Flexible Eye |
| KP | Pulling, Heavy-Duty, Closed-Mesh, Double-Weave, Flexible Eye |
| KPS | Pulling, Heavy-Duty, with Rotating Eye, Closed-Mesh, Double-Weave |



Catalog Number Explanation

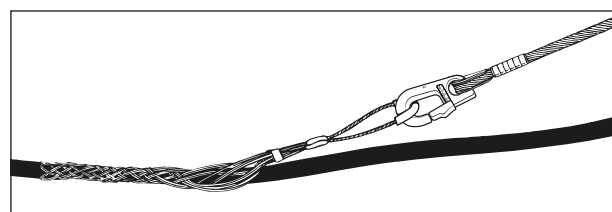
| KPS | — | 050 | — | 2 |
|---------------------|---|----------------------|---|---|
| Grip Type* and Mesh | | Cat. No.** Size Code | | Final Digit, if any, refers to mesh length range or actual dimension. |

* See Prefix Letter Code explanation.

** On Junior-duty grips, initial digit “0” is omitted in Cat. No.

Example:

Cat. No. KPS-050-2 is a heavy-duty pulling grip with a rotating eye, for use with cable diameters from .50" to .61", with medium-length mesh.



Introduction – Wire-Mesh Grips

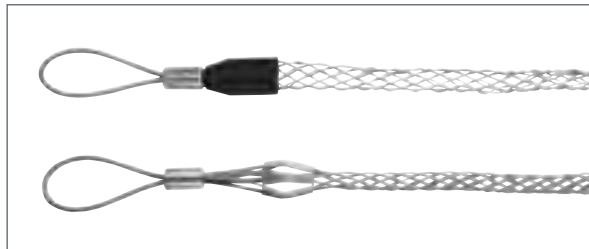
How to select proper grip eye and mesh type

There are three basic styles of pulling grips, together with a choice of wire mesh types and lengths to meet a wide variety of pulling requirements.

1. Flexible Eye: Closed Mesh

KPJ/KPL/KPM/KP

This pulling-grip eye allows maximum flexibility to follow the line of pull, and is used when the end of the cable is available. Mesh selection depends on the weight of the material being pulled. Closed-mesh, single weave, flexible-eye grips are offered in lengths for junior-duty and light-duty use; closed-mesh, double-weave, flexible-eye grips are offered for medium-duty and heavy-duty use.



2. Rotating Eye: Closed Mesh

KPS

Recommended for heavier pulling jobs and underground wiring, this pulling grip eye is furnished on double-weave mesh grips in a wide range of lengths. The rotating eye compensates for pulling torque, relieving strain on the cable. **Rotating-eye grips should not be used on rope or as a swivel.**



3. Offset Flexible Eye: Split and Closed Mesh

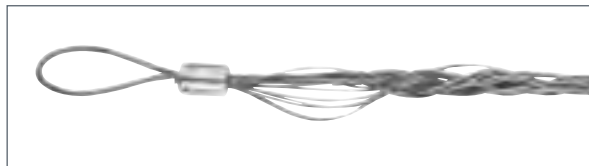
KSRK/KSCK/KSSK

These slack-pulling grips come in three styles:

KSRK single-weave split-mesh with rod closure (light duty, where cable end is not available),

KSCK double-weave closed-mesh (for medium duty, where the end of the cable is available),

KSSK double-weave split-mesh with lace closure (medium duty, where cable end is not available).



How grips are attached to cable

Closed-mesh grips

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.



Introduction – Wire-Mesh Grips

How to select the proper pulling grip for your application

1. Select the proper pulling-grip series (Prefix Letter Code...e.g. KPS) based on the "General Application Information" descriptions in the Wire-Mesh Grips Introduction on preceding pages.
2. Select grip size based on the outside diameter or circumference of the cable(s) to be pulled. Refer to reference tables (on this and following page) for convenience in determining cable diameters.
3. Use Pulling-Grip Selection Tables (on this and following page) to determine the "Size" portion of the Catalog Number for the cable diameter required. In the ordering tables (see following pages) this "Size" code is incorporated within the catalog number under the various grip-type classifications.

Table 1

Pulling Grip Selection Table for One or More Cables of Equal Diameter to Be Pulled in One Grip

1. Read across on top line for number of cables in one grip.
2. Read down for diameter of each cable.
3. Use Cat. No. size code to select catalog number of the required size grip.

Example:

3 Cables, each with diameter of 1.31" use grip with Cat. No. Size Code 250.

Cable Diameters in Decimal Inches

| 1 Cable | 2 Cables | 3 Cables | 4 Cables | 5 Cables | 6 & 7 Cables | 8 Cables | 9 Cables | Cat. No. Size Code | Grip Diam. Range |
|-----------|-----------|-----------|-----------|-----------|--------------|-----------|-----------|--------------------|------------------|
| 0.25-0.37 | 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 |



Wire-Mesh Grips

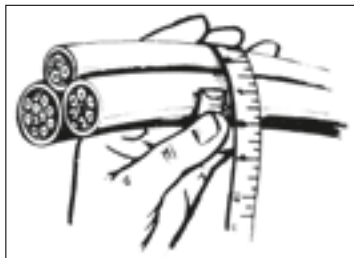
Table 2

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 | |
| | ① | ② | ① | ② | ① | ② | ① | ② |
| 18 SO, STO | 3.90 | .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 |



Wire-Mesh Grips

Single-Weave, Flexible-Eye Pulling Grips

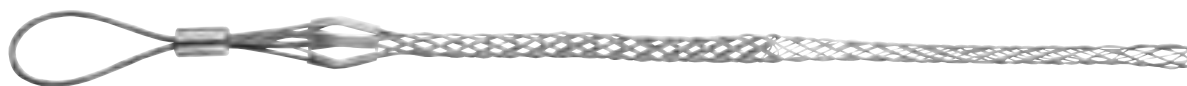


KPJ-50

| Cable Dia. * | KPJ Junior Duty | | | | KPL Light Duty | | | |
|--------------|-----------------|-------------------------------|-------------------|----------|----------------|-------------------------------|--------------------|----------|
| | Cat. No. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight | Short Length | | | |
| | | | | | Cat. No. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight |
| .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. |

*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. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight | Short Length | | | | Medium Length | | | |
| | | | | | Cat. No. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight | Cat. No. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight |
| .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.

⚠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

Double-Weave, Rotating-Eye Pulling Grips



KPS-062-1

| Cable Dia. * | KPS Heavy Duty | | | | | | | |
|--------------|----------------|-------------------------------|-------------------|----------|--------------------|-------------------------------|-------------------|----------|
| | Medium Length | | | | Medium-Long Length | | | |
| | Cat. No. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight | Cat. No. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight |
| .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.

Slack-Pulling, Offset Flexible-Eye Pulling Grips



KSCK-100-1

| Cable Dia. * | KSCK Medium Duty – Standard Length | | | | KSSK Medium Duty – Standard Length | | | |
|--------------|------------------------------------|-------------------------------|-------------------|----------|------------------------------------|-------------------------------|-------------------|----------|
| | Cat. No. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight | Cat. No. | Loaded/Compressed Mesh Length | Maximum Safe Load | Weight |
| .75"-.99" | — | — | — | — | KSSK-075-1 | 12" | 500 lbs. (227 kg) | .30 lbs. |
| 1.00"-1.24" | KSCK-100-1 | 15" | 800 lbs. (363 kg) | .50 lbs. | KSSK-100-1 | 15" | 700 lbs. (318 kg) | .25 lbs. |
| 1.25"-1.49" | — | — | — | — | KSSK-125-1 | 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.

Wire Pulling Grips



⚠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: Do NOT use on live circuits.

⚠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, with a long usage life.

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.



27400

| Cat. No. | Diameter | Width | Weight (lbs.) |
|----------|-----------------|------------------|---------------|
| 27400 | 6-1/4" (159 mm) | 2-25/32" (71 mm) | 2.35 |

Tie-Wire Accessories

- Strong double-tongue buckle with keeper.
- 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.
- Leather construction.
- Heavy-Duty Tie-Wire Belts.



5420L

| 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 Pad.

| Cat. No. | Length | Width | Weight (lbs.) |
|----------|-------------|-------------|---------------|
| 27450 | 7" (178 mm) | 7" (178 mm) | .300 |



27450

For more accessories information, see Tool Pouches, Carriers, Belts & Suspenders section

Rebar Hickeys

- Lightweight rebar hickey has exceptionally durable steel-alloy head and extra-strong handle to withstand extreme conditions.



64310

| Cat. No. | Hickey Size | Bends Rebar Size | Head Type and Bending Angle | Handle Length | Weight (lbs.) |
|----------|-------------|--|-----------------------------|---------------|---------------|
| 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).

For additional construction tools, see Mining Tools section

▲WARNING: Always wear approved personal protective equipment.

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT exceed rated capacity for rebar shear and rebar hiccys.

Connecting Bars

Hex Bars



- Provides extra leverage when positioning steel members and aligning bolt holes.
- Forged fit-up bar is pointed on one end.
- Chisel-end is at a 15° angle to give greater leverage.

3242

| 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 |

| Cat. No. | Hex Diameter | Length | Weight (lbs.) |
|----------------------------|--------------|--------------|---------------|
| Straight Chisel-End | | | |
| 3240 | 3/4" (19 mm) | 30" (762 mm) | 3.80 |

Round Bars



- Provides extra leverage when positioning steel members and aligning bolt holes.
- Forged fit-up bar is pointed on one end.
- Chisel-end is at a 15° angle to give even greater leverage.

3245

| 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 |

| Cat. No. | Diameter | Length | Weight (lbs.) |
|----------------------------|--------------|--------------|---------------|
| 3248 | 7/8" (22 mm) | 30" (762 mm) | 4.30 |
| Straight Chisel-End | | | |
| 3241 | 3/4" (19 mm) | 30" (762 mm) | 3.20 |

Pins

Standard Bull Pins

- Machined from quality alloy steel.
- Heat-treated for strength, black finish for rust resistance.



3252

| 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 |

| Cat. No. | Top Diameter | Point Diameter | Length | Weight (lbs.) |
|----------|-----------------|----------------|--------------|---------------|
| 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."

Broad Head Bull Pins

- Forged, heat-treated bull pin increases efficiency by providing a larger striking surface.
- Angled head and smooth blending of radii increase strength and reduce the danger of chipping.
- Below the head, squared-off shoulders have been forged to provide a surface for applying wrench to loosen wedged bull pins.
- Long, even taper reduces binding and hang-up.
- Added resistance to "mushrooming" permitting much longer use than is possible with conventional designs.



3255

| 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."

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.



3261

| 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 |

All dimensions are in inches and (millimeters).

For additional construction tools, see Mining Tools section

▲WARNING: Always wear approved eye protection.



Construction Wrenches

Adjustable-Head Construction Wrenches

- Eliminates the need to carry several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle.
- Industrial black finish for corrosion resistance.
- Lanyard hole for easy tool tethering.



| 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 |

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.



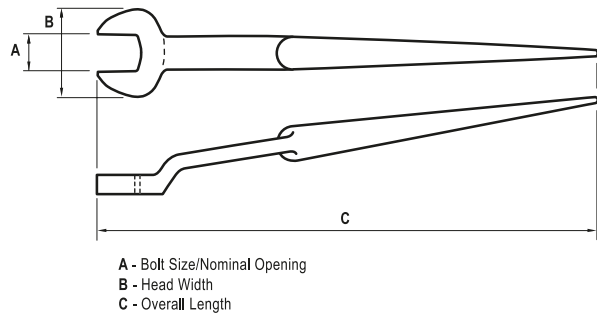
| Cat. No. | Overall Length | Weight (lbs.) |
|----------|----------------|---------------|
| 3238 | 15" (381 mm) | 2.10 |

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads.
- Extra-heavy-duty head area gives maximum strength and durability.
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt-hole sizes without binding.
- Extra-large hub area works on larger diameter holes better than other wrenches.
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification.
- American Bridge design.



| Cat. 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 |



For additional construction tools, see Mining Tools section

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.



Mining & Heavy Industry Tools

The Mumme Products' range of forged hand tools are produced to the highest possible standards for use in the mining and heavy construction industries. With top quality materials and safety as a priority, we design and manufacture superior products available worldwide.

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Mining & Heavy Industry Tools



Bars – Construction

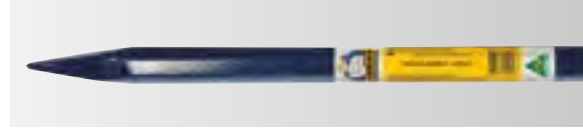


Crowbars – Hexagon (St. Angelo Bars)



- Used for digging holes and breaking clay, rock and concrete.
- Forged from tough high-tensile carbon manganese steel.
- Ground and sharpened to a diamond point for easier digging and breaking concrete.
- Long tapered blade also for easier digging.
- Both ends heat treated for increased performance and strength.
- Hexagon bar profile for greater control.
- Anti-corrosive primer with enamel finish.
- Precision heat treated to best suit product application.

5CB180025



| Cat No | Blade Width | Hexagon Diameter | Length | Weight |
|-----------|-------------|------------------|---------------|-----------------------|
| 5CB150025 | 2" (50 mm) | 1" (25 mm) | 59" (1500 mm) | 13.49 lbs. (6.12 kg) |
| 5CB150030 | 2" (50 mm) | 1-3/16" (30 mm) | 59" (1500 mm) | 18.95 lbs. (8.60 kg) |
| 5CB165025 | 2" (50 mm) | 1" (25 mm) | 65" (1650 mm) | 14.77 lbs. (6.70 kg) |
| 5CB165030 | 2" (50 mm) | 1-3/16" (30 mm) | 65" (1650 mm) | 20.94 lbs. (9.50 kg) |
| 5CB180025 | 2" (50 mm) | 1" (25 mm) | 71" (1800 mm) | 16.20 lbs. (7.35 kg) |
| 5CB180030 | 2" (50 mm) | 1-3/16" (30 mm) | 71" (1800 mm) | 23.03 lbs. (10.45 kg) |

Crowbars – Round (St. Angelo Bars)



- Used for digging holes and breaking clay, rock and concrete.
- Forged from tough high-tensile carbon manganese steel.
- Ground and sharpened to a diamond point for easier digging and breaking concrete.
- Long, tapered blade also for easier digging.
- Both ends heat treated for increased performance and strength.
- Round bar profile easier on hands.
- Anti-corrosive primer with enamel finish.
- Precision heat treated to best suit product application.

5CBR180030

| Cat. No. | Blade Width | Diameter | Length | Weight |
|------------|----------------|-----------------|---------------|----------------------|
| 5CBR180022 | 1-1/2" (38 mm) | 7/8" (22 mm) | 71" (1800 mm) | 12.12 lbs. (5.50 kg) |
| 5CBR180025 | 2" (50 mm) | 1-1/16" (27 mm) | 71" (1800 mm) | 17.08 lbs. (7.75 kg) |
| 5CBR180030 | 2" (50 mm) | 1-3/16" (30 mm) | 71" (1800 mm) | 21.38 lbs. (9.70 kg) |

Gooseneck Bar – Hexagon



- Used for levering and moving objects into place with a lift and swivel motion.
- Forged from tough high-tensile carbon manganese steel.
- Diamond point and gooseneck ends for flexibility of use.
- Gooseneck set for improved leverage.
- Hexagon bar profile for greater control.
- Precision heat treated to best suit product application.

5GNB180030

| Cat. No. | Hexagon Diameter | Length | Weight |
|------------|------------------|---------------|-----------------------|
| 5GNB180030 | 1-3/16" (30 mm) | 71" (1800 mm) | 24.74 lbs. (11.10 kg) |

All dimensions are in inches and (millimeters).

⚠WARNING: Always ensure that you and persons in the vicinity wear approved eye protection and gloves.



Bars – Construction



Slate Bars – Hexagon (Pinch Bars)



5PB180025

- Used for levering and moving objects into place with a lift and swivel motion.
- Forged from high-tensile carbon manganese steel for maximum strength.
- Heel offset to 40° angle for optimum lifting.
- Hexagon bar profile gives greater control and reduces bar roll.
- Heat-treated blade ends for maximum toughness.
- Precision heat treated to best suit product application.



| Cat. No. | Hexagon Diameter | Length | Weight |
|-----------|------------------|---------------|-----------------------|
| 5PB150025 | 1" (25 mm) | 59" (1500 mm) | 13.55 lbs. (6.15 kg) |
| 5PB150030 | 1-3/16" (30 mm) | 59" (1500 mm) | 19.62 lbs. (8.90 kg) |
| 5PB165025 | 1" (25 mm) | 65" (1650 mm) | 15.01 lbs. (6.81 kg) |
| 5PB165030 | 1-3/16" (30 mm) | 65" (1650 mm) | 21.91 lbs. (9.94 kg) |
| 5PB180025 | 1" (25 mm) | 71" (1800 mm) | 16.82 lbs. (7.63 kg) |
| 5PB180030 | 1-3/16" (30 mm) | 71" (1800 mm) | 24.31 lbs. (11.02 kg) |
| 5PB45016 | 5/8" (16 mm) | 18" (450 mm) | 1.58 lbs. (0.72 kg) |
| 5PB60020 | 25/32" (20 mm) | 24" (600 mm) | 3.37 lbs. (1.53 kg) |
| 5PB60025 | 1" (25 mm) | 24" (600 mm) | 5.31 lbs. (2.41 kg) |
| 5PB75025 | 1" (25 mm) | 30" (750 mm) | 6.70 lbs. (3.04 kg) |
| 5PB90025 | 1" (25 mm) | 36" (900 mm) | 8.04 lbs. (3.65 kg) |

Scaling Bars – Tubular Aluminum (Aluminium) – Hexagon



7SCTH1800

- Used in the mining industry for prying overhanging rock.
- Aluminium tube body for light weight and less user fatigue.
- Inserted steel ends forged from tough carbon manganese steel.
- Heel offset to 40° angle for optimum levering.
- Precision heat treated to best suit product application.
- Hexagon shape for increased control.



| Cat. No. | Hexagon Diameter | Length | Weight |
|-----------|------------------|-------------------|---------------------|
| 7SCTH1800 | 1-1/4" (32 mm) | 71" (1800 mm) | 6.54 lbs. (2.97 kg) |
| 7SCTH2400 | 1-1/4" (32 mm) | 94-1/2" (2400 mm) | 7.51 lbs. (3.41 kg) |

Scaling Bars – Tubular Aluminum (Aluminium) – Round



7SCT4320

- Used in the mining industry for prying overhanging rock.
- Aluminium tube body for light weight and less user fatigue.
- Inserted steel ends forged from tough carbon manganese steel.
- Heel offset to 40° angle for optimum levering.
- Precision heat treated to best suit product application.



| Cat. No. | Diameter | Length | Weight |
|----------|----------------|----------------|----------------------|
| 7SCT1800 | 1-1/4" (32 mm) | 71" (1800 mm) | 6.37 lbs. (2.89 kg) |
| 7SCT3660 | 1-1/4" (32 mm) | 144" (3660 mm) | 9.25 lbs. (4.20 kg) |
| 7SCT4320 | 1-1/4" (32 mm) | 170" (4320 mm) | 10.20 lbs. (4.63 kg) |

All dimensions are in inches and (millimeters).

⚠ WARNING: Always ensure that you and persons in the vicinity wear approved eye protection and gloves.



Bars – Mining



Scaling Bars – Chrome Alloy Steel – Hexagon

- Used in the mining industry for prying overhanging rock.
- Forged from chrome alloy steel.
- Heat-treated blades for maximum toughness.
- Hex profile for good control.
- Heel offset to 40° angle for optimum levering.
- Precision heat treated to best suit product application.

7SC150019



| Cat. No. | Hexagon Diameter | Length | Weight |
|-----------|------------------|-------------------|----------------------|
| 7SC120019 | 25/32" (20 mm) | 47" (1200 mm) | 6.87 lbs. (3.12 kg) |
| 7SC150019 | 25/32" (20 mm) | 59" (1500 mm) | 8.62 lbs. (3.91 kg) |
| 7SC180019 | 25/32" (20 mm) | 71" (1800 mm) | 10.31 lbs. (4.68 kg) |
| 7SC210019 | 25/32" (20 mm) | 83" (2100 mm) | 12.01 lbs. (5.45 kg) |
| 7SC240019 | 25/32" (20 mm) | 94-1/2" (2400 mm) | 13.75 lbs. (6.24 kg) |

Chisels & Punches

Cold Chisels – Alloy Cross Cut

- Used for removing oil seals.
- Also used for cutting in corners and difficult or confined areas.
- Forged from chrome alloy steel to give a harder blade with great resilience.
- Precision hardened and tempered so blade will not shatter when struck hard.
- Accurately ground to the optimum angle for cutting.



7CHC15013

| Cat. No. | Blade Width | Overall Length | Weight |
|-----------|---------------|----------------|---------------------|
| 7CHC15013 | 1/4" (6.5 mm) | 6" (150 mm) | 0.26 lbs. (0.12 kg) |
| 7CHC17516 | 5/16" (8 mm) | 7" (175 mm) | 0.50 lbs. (0.23 kg) |
| 7CHC20020 | 3/8" (10 mm) | 8" (200 mm) | 0.55 lbs. (0.25 kg) |

Brass Punches

- Used where a softer punch is needed, e.g. where damage may occur from using a hardened punch.
- Selected brass, correct composition for punch use.
- Knurled handle for gripping easily.
- Chamfered head for safety.



4BP16

| Cat. No. | Diameter | Overall Length | Weight |
|----------|---|--|---------------------|
| 4BP10 | 3/8" (10 mm) | 6" (150 mm) | 0.22 lbs. (0.10 kg) |
| 4BP12 | 1/2" (12 mm) | 7" (175 mm) | 0.30 lbs. (0.14 kg) |
| 4BP16 | 5/8" (16 mm) | 7" (175 mm) | 0.66 lbs. (0.30 kg) |
| 4BP19 | 3/4" (19 mm) | 8" (200 mm) | 1.05 lbs. (0.48 kg) |
| 4BP25 | 1" (25 mm) | 8" (200 mm) | 1.87 lbs. (0.85 kg) |
| 4BPSET5 | 3/8", 1/2", 5/8", 3/4", 1" (10 mm, 12 mm, 16 mm, 19 mm, 25 mm) | 6", 7", 8", 8" (150 mm, 175 mm, 175 mm, 200 mm, 200 mm) | 4.38 lbs. (1.99 kg) |
| 7BP29219 | 3/4" (19 mm) | 11-1/2" (292 mm) | 1.54 lbs. (0.70 kg) |
| 7BP29225 | 1" (25 mm) | 11-1/2" (292 mm) | 2.75 lbs. (1.25 kg) |
| 7BP29232 | 1-1/4" (32 mm) | 11-1/2" (292 mm) | 4.32 lbs. (1.96 kg) |

All dimensions are in inches and (millimeters).

WARNING: Always ensure that you and persons in the vicinity wear approved eye protection and gloves.



Construction Tools



Barrel Drifts

- Used for aligning holes in construction.
- Also used for expanding holes in mild steel.
- Forged from tough high-tensile steel.
- Taper is forged, not turned, for finer grain, giving greater tensile strength.
- Will not score edge when driven hard.
- Precision heat treated to best suit product application.



5BD24

| Cat. No. | Point Diameter (approx.) | Diameter | Overall Length | Weight |
|----------|--------------------------|------------------|-----------------|---------------------|
| 5BD30 | 37/64" (14.5 mm) | 1-3/16" (30 mm) | 7-7/8" (200 mm) | 1.76 lbs. (0.80 kg) |
| 5BD33 | 5/8" (16 mm) | 1-19/64" (33 mm) | 7-7/8" (200 mm) | 2.29 lbs. (1.04 kg) |

Podger Pins (Broad Head Bull Pins)



5POP25

- Used for aligning holes and expanding holes in mild steel.
- Forged from tough high-tensile carbon manganese steel.
- Forged, not turned, long tapered point for ease of aligning.
- For added safety, forged head prevents pin being driven right through hole and falling.
- Hex shaft allows spanner to be used to assist removal.
- Can be carried on belt.
- Precision heat treated to best suit product application.

| Cat. No. | Point | Diameter Across Hexagon Points | Hexagon Shaft Diameter | Overall Length | Weight |
|----------|-----------------|--------------------------------|------------------------|----------------|---------------------|
| 5POP25 | 1/2" (12 mm) | 1-3/32" (28 mm) | 1" (25 mm) | 16" (400 mm) | 3.26 lbs. (1.48 kg) |
| 5POP30 | 9/16" (14.5 mm) | 1-5/16" (33.5 mm) | 1-3/16" (30 mm) | 16" (400 mm) | 4.49 lbs. (2.04 kg) |

Fox Wedge – Stainless Steel

- Used for splitting mating surfaces and for packing machinery and structures before fixing.
- Also used in the marine environment because of its corrosion-resistant properties.
- Forged from stainless steel for greater hardness and non-magnetic properties.
- Ground blade with fine edge for easy entry.
- Precision heat treated to best suit product application.



7FWSS10025

| Cat. No. | Width | Thickness | Overall Length | Weight |
|------------|------------|--------------|----------------|--------------------|
| 7FWSS10025 | 1" (25 mm) | 5/16" (8 mm) | 4" (100 mm) | 0.22 lbs (0.10 kg) |

All dimensions are in inches and (millimeters).

⚠WARNING: Always ensure that you and persons in the vicinity wear approved eye protection and gloves.



Construction Tools



Pry Bar



5PRBP45016

- Used for prying, separating flanges and aligning holes.
- Forged from tough high-tensile carbon manganese steel.
- Thin, finely ground curved chisel end for ease of entry between surfaces.
- Forged, not turned, long tapered point for maximum strength.
- Hexagon profile for greater control.
- Precision heat treated to best suit product application.

| Cat. No. | Chisel Width | Hexagon Diameter | Overall Length | Weight |
|------------|----------------|------------------|----------------|---------------------|
| 5PRBP45016 | 25/32" (20 mm) | 5/8" (16 mm) | 18" (450 mm) | 1.67 lbs. (0.76 kg) |

Pinch Bars – Hexagon (Podger Bars)



5POB37520

- Used for levering and aligning.
- Forged from tough high-tensile carbon manganese steel.
- Heel set to 40° angle for optimum levering; blade ground to 30° angle for easy entry between surfaces.
- Taper is forged, not turned, for finer grain, giving greater tensile strength.
- Hexagon profile for greater control and to minimize bar roll.
- Precision heat treated to best suit product application.

| Cat. No. | Point Diameter | Hexagon Diameter | Overall Length | Weight |
|-----------|----------------|------------------|----------------|---------------------|
| 5POB37516 | 5/16" (8 mm) | 5/8" (16 mm) | 15" (375 mm) | 1.21 lbs. (0.55 kg) |
| 5POB37520 | 3/8" (10 mm) | 25/32" (20 mm) | 15" (375 mm) | 1.82 lbs. (0.83 kg) |
| 5POB45016 | 5/16" (8 mm) | 5/8" (16 mm) | 18" (450 mm) | 1.49 lbs. (0.68 kg) |
| 5POB45020 | 3/8" (10 mm) | 25/32" (20 mm) | 18" (450 mm) | 2.27 lbs. (1.03 kg) |
| 5POB60020 | 3/8" (10 mm) | 25/32" (20 mm) | 24" (600 mm) | 3.15 lbs. (1.43 kg) |
| 5POB90020 | 3/8" (10 mm) | 25/32" (20 mm) | 36" (900 mm) | 4.85 lbs. (2.20 kg) |



Construction Tools



Star Dropper Hammer



5SDSH

- Used for driving in star (fencing) droppers.
- Also used to drive in marker pegs, stakes and concreting stakes.
- Heavy unit drives droppers very quickly and efficiently.
- Solid steel handles and slug are welded together, which gives greater strength.

| Cat. No. | Internal Diameter | Overall Length | Weight |
|----------|-------------------|--------------------|----------------------|
| 5SDSH | 2-1/8" (54 mm) | 33-55/64" (860 mm) | 19.13 lbs. (8.68 kg) |

Star Dropper Remover

- Used for removing star droppers (also called star pickets or fencing droppers).
- Also used for removing selected pipes and steel pegs.
- Gripper made from high-tensile steel for durability and long life.
- Gripper bites efficiently into dropper for easy extraction.
- Long handle for excellent leverage.

| Cat. No. | Handle Length | Slot Opening | Overall Height | Weight |
|----------|---------------|----------------------------|----------------|----------------------|
| 5SDR | 36" (900 mm) | 1-21/64" x 2" (34 x 50 mm) | 32" (800 mm) | 17.76 lbs. (8.06 kg) |



5SDR

All dimensions are in inches and (millimeters).

▲WARNING: Always ensure that you and persons in the vicinity wear approved eye protection and gloves.



Hammers



Drill Hammer – Wooden Handle

- Used for mining and confined environments.
- Also ideal for close work with enough head weight for effective hammering.
- Head forged from high-tensile carbon manganese steel, with hardened and tempered face and claw.
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort.
- Handle is fitted to head with a glued wooden and steel wedge assembly.
- Precision heat treated to best suit product application.
- This product must be maintained in accordance with Australian standard AS 3797:1991.



5HDRH2.0

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|-------------------|----------------|--------------------|
| 5HDRH2.0 | 4.4 lbs. (2.0 kg) | 16" (400 mm) | 4.8 lbs. (2.18 kg) |

Mason's Club Hammer – Wooden Handle

- Great all-around club hammer for general striking applications.
- Forged from tough high-tensile carbon manganese steel, with hardened and tempered face and claw.
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort.
- Ideal for work in confined spaces.
- Handle is fitted to head with a glued wooden and steel wedge assembly.
- Precision heat treated to best suit product application.
- This product must be maintained in accordance with Australian standard AS 3797:1991.



5HCMH1.35

| Cat. No. | Head Weight | Overall Length | Weight |
|-----------|------------------|----------------|---------------------|
| 5HCMH1.35 | 3 lbs. (1.35 kg) | 10" (250 mm) | 3.54 lbs. (1.61 kg) |

Brass Sledge Hammers – Fiberglass Rubber Grip Handle



7HBRFRH14

- Used in non-sparking environments or to avoid damage to struck objects.
- Head forged from brass for softer, non-damaging blow.
- Head is pinned to handle as well as epoxied to prevent head coming off.
- Comfortable, thick rubber grip handle for increased protection from shock and vibration.
- Handle includes both overstrike protection and large sweep at base to prevent loss of grip.
- This product must be maintained in accordance with Australian standard AS 3797:1991.

| Cat. No. | Head Weight | Overall Length | Weight |
|-----------|-------------------|----------------|----------------------|
| 7HBRFRH04 | 4 lbs. (1.81 kg) | 16" (400 mm) | 4.89 lbs. (2.22 kg) |
| 7HBRFRH07 | 7 lbs. (3.17 kg) | 32" (800 mm) | 9.87 lbs. (4.48 kg) |
| 7HBRFRH10 | 10 lbs. (4.53 kg) | 36" (900 mm) | 12.23 lbs. (5.55 kg) |
| 7HBRFRH14 | 14 lbs. (6.35 kg) | 36" (900 mm) | 16.73 lbs. (7.59 kg) |

All dimensions are in inches and (millimeters).

⚠WARNING: Always ensure that you and persons in the vicinity wear approved eye protection and gloves.



Hammers



Chipping Hammer – Rubber Grip

- Used for chipping off slag and spatter around welds.
- Also used as geologists' or miners' tool.
- Head forged from chrome alloy steel and hardened and tempered for maximum toughness.
- Ground and sharpened vertical chisel and diamond point.
- Excellent balance with hardened ends that do not flatten when chipping.
- Precision heat treated to best suit product application.



5WHRG

| Cat. No. | Head Length | Overall Length | Weight |
|----------|-------------------|--------------------|---------------------|
| 5WHRG | 6-11/16" (170 mm) | 10-15/64" (260 mm) | 1.14 lbs. (0.52 kg) |

Safety Punches

Hand Saver Punch



7WRP22

- Used to safely drive out pins and keys in machinery.
- Long, two-handed rubber handle to lessen shocks from blows.
- Head attached with wire rope to reduce shock.
- Urethane ring around head to reduce likelihood of chipping.
- Heat-treated punch, so it will not shatter.

| Cat. No. | Diameter | Shaft Length | Weight (lbs.) |
|----------|----------------|-----------------|----------------|
| 7WRP13 | 1/2" (13 mm) | 4-3/4" (120 mm) | 2.98 (1.35 kg) |
| 7WRP16 | 5/8" (16 mm) | 4-3/4" (120 mm) | 3.20 (1.45 kg) |
| 7WRP19 | 3/4" (19 mm) | 4-3/4" (120 mm) | 3.64 (1.65 kg) |
| 7WRP22 | 7/8" (22 mm) | 4-3/4" (120 mm) | 4.41 (2.00 kg) |
| 7WRP25 | 1" (25 mm) | 4-3/4" (120 mm) | 4.63 (2.10 kg) |
| 7WRP32 | 1-1/4" (32 mm) | 4-3/4" (120 mm) | 5.29 (2.40 kg) |

All dimensions are in inches and (millimeters).

▲WARNING:

Strike squarely - avoid glancing blows. Always ensure that you and persons in the vicinity wear approved eye protection and gloves.

▲WARNING:

This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.



Tyre (Tire) Products



Tyre (Tire) Lever



5TL600

- Used for removal and fitting of 4WD car and truck tires.
- Forged from tough chrome alloy steel.
- Precision hardened and tempered to be tough and resilient.
- Fine tapered and ground ends for easier use and prevention of damage to tires.

| Cat. No. | Thickness | Width | Overall Length | Weight |
|----------|------------------|-----------------|-------------------|---------------------|
| 5TL600 | 27/64" (10.8 mm) | 1-7/64" (28 mm) | 24 -1/2" (620 mm) | 2.51 lbs. (1.14 kg) |



All dimensions are in inches and (millimeters).

▲WARNING:

Strike squarely - avoid glancing blows. Always ensure that you and persons in the vicinity wear approved eye protection and gloves.

▲WARNING:

This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.

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

JOURNEYMAN™

Features:

JOURNEYMAN™

Exclusive Klein Kurve® design for added comfort.

Soft touch grips for maximum control and comfort.

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.

Tip-Ident® for easy identification.

Meets or exceeds ASME B107.16M performance standard.

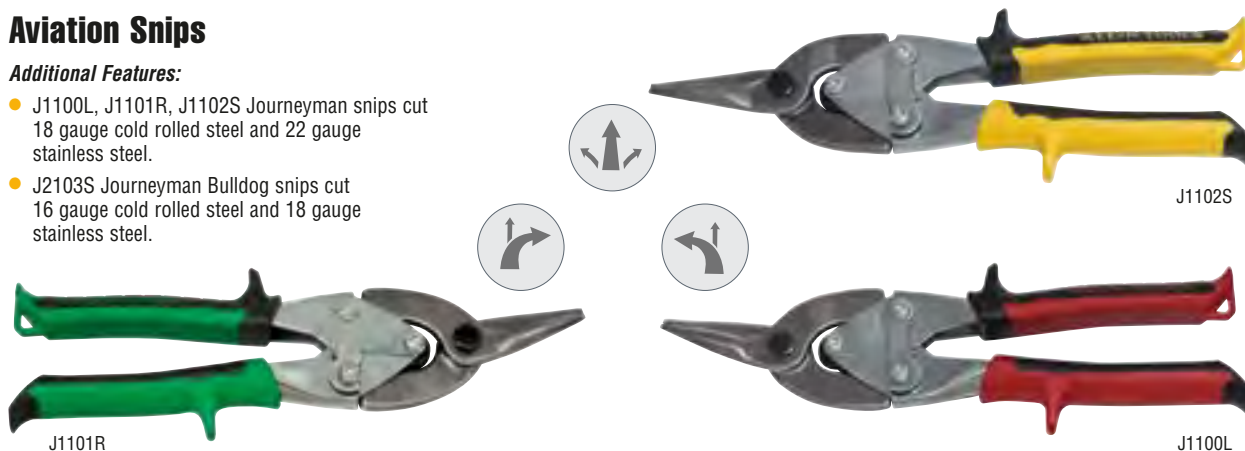


Sheet Metal Tools/HVAC

Aviation Snips

Additional Features:

- J1100L, J1101R, J1102S Journeyman snips cut 18 gauge cold rolled steel and 22 gauge stainless steel.
- J2103S Journeyman Bulldog snips cut 16 gauge cold rolled steel and 18 gauge stainless steel.

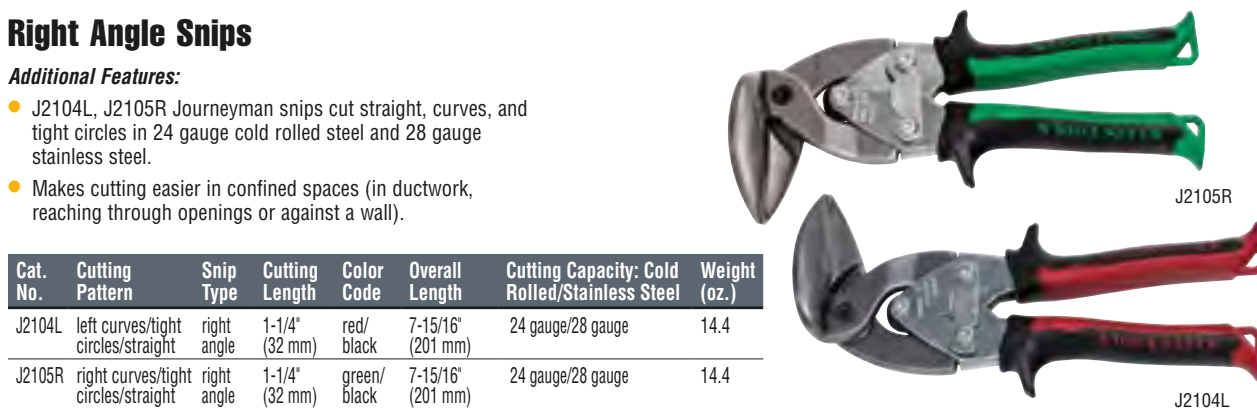


| Cat. No. | Cutting Pattern | Snip Type | Cutting Length | Color Code | Overall Length | Cutting Capacity: Cold Rolled/Stainless Steel | Weight (oz.) |
|----------|----------------------|-----------|----------------|--------------|-------------------|---|--------------|
| J1100L | left/straight | aviation | 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

Additional Features:

- J2104L, J2105R Journeyman snips cut straight, curves, and tight circles in 24 gauge cold rolled steel and 28 gauge stainless steel.
- Makes cutting easier in confined spaces (in ductwork, reaching through openings or against a wall).



| Cat. No. | Cutting Pattern | Snip Type | Cutting Length | Color Code | 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 |

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.



Offset Snips

Additional Features:

- J2100L, J2101R, J2102S and J2106S snips feature exclusive Klein Kurve® handles for natural hand positioning and ease of use.
- J2106S Journeyman snips cut 20 gauge cold rolled steel and 24 gauge stainless steel, with a 2-3/8" length of cut for faster cutting.
- J2100L, J2101R and J2102S Journeyman snips cut 18 gauge cold rolled steel and 22 gauge stainless steel.



| Cat. No. | Cutting Pattern | Snip Type | Cutting Length | Color Code | Overall Length | Cutting Capacity: Cold Rolled/Stainless Steel | Weight (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" (60 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.



| Cat. No. | Cutting Pattern | Snip Type | Cutting Length | 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.

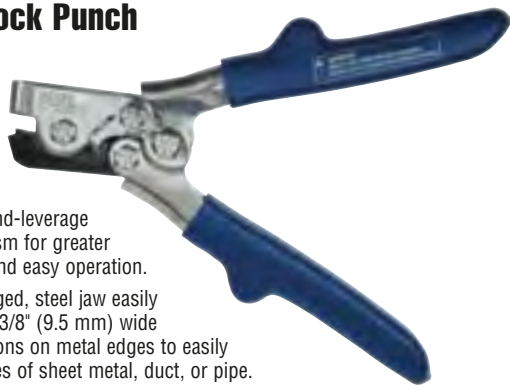
⚠WARNING: Never use on or near live electrical circuits

⚠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.

86560

| 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.

3100

| 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.

86551

| 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.

76011B

| 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 |



86556

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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

Seaming & Folding Tools

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 |

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.) |
|----------|-----------------------|-----------|---------------|
| 8900-3/8 | 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

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



88904

- Accurate 4 roller tracking system – no spiraling.
- Professional reaming tool.
- Extra cutting wheel included in handle.

| Cat. No. | Overall Length | Cuts | Weight (lbs.) |
|-------------------|--------------------------------------|---------------------------------------|---------------|
| 88904 | 6-1/32" (153 mm) | 1/8" - 1-1/8" steel and copper tubing | 1.31 |
| Replacement Parts | | | |
| 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 | 9.5 |
| Replacement Parts | | | |
| 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 |
| Replacement Parts | | | |
| 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, PVC, 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. | Dimensions | Weight |
|----------|---|-----------|
| 89020 | 6-1/8" L (157 mm) x 6-1/2" W (165 mm) x 4-13/32" H (112 mm) | 4.71 lbs. |
| 89021 | 7" (178 mm) L x 4-13/16" W (122 mm) x 3-9/32" H (236 mm) | 2.0 lbs. |

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

- Produces factory-precision indentations in stove pipe and round duct with just a squeeze.
- Compound-leverage mechanism, heavy-duty jaw/handle linkage, and closing stop provide easy operation and consistent crimps for virtually leak-proof connections.
- Hardened steel handles include hand guards covered with vinyl grips for added comfort and easy operation.
- All steel construction and nickel-plating provide long life and consistent crimp profile.



86550

| Cat. No. | 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

- Zinc plated.
- Sheet metal screws with self piercing tips.
- Slotted 1/4" hex head washer.



8910-3/4

| 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.



86602

| Cat. No. | Description | Overall Length | Weight (lbs.) |
|---|------------------------------------|----------------|---------------|
| 3-Pack | | | |
| 86600 | 1/4" magnetic hex driver – 3 pack | 1-3/4" (45 mm) | .12 |
| 86601 | 5/16" magnetic hex driver – 3 pack | 1-3/4" (45 mm) | .14 |
| 86602 | 3/8" magnetic hex driver – 3 pack | 1-3/4" (45 mm) | .16 |
| 10-Pack Punch Card for Individual Sale | | | |
| 86600-10 | 1/4" magnetic hex driver | 1-3/4" (45 mm) | .43 |
| 86601-10 | 5/16" magnetic hex driver | 1-3/4" (45 mm) | .49 |
| 86602-10 | 3/8" magnetic hex driver | 1-3/4" (45 mm) | .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

- Designed for work with ties rated at 120 - 250 lbs. (54 - 113 kg).
- Tensions up to 65 lbs. of force (30 kg).
- Maximum tie width of 15/32" (12 mm).
- Handle grips for comfort.
- Excess tie material is automatically cut off (Cat. No. 86571 only).

| Cat. No. | Description | Weight (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

- Cuts duct board and flexible duct.
- Double-edged knife – regular and serrated.
- Cushion-grip handle for comfort.
- Includes puncture resistant nylon sheath with belt loop.



DK06

| Cat. No. | Blade Steel | Blade Length | Weight (lbs.) |
|----------|-----------------|---------------|---------------|
| DK06 | stainless steel | 5.5" (140 mm) | 0.53 |



Specialty Screwdrivers

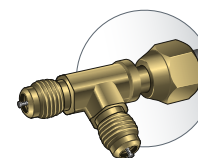
11-in-1 Screwdriver/Nut Driver with Schrader® Valve Removal/Installation Bit

Additional Features:

- 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



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

| 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.

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



Hammers

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 |

Dead Blow Hammers



811-16

- Durable, abrasion resistant non-marring hammer face.
- Increased striking force with zero impact rebound.
- Design isolates user from striking impact and reduces fatigue.
- 40% more driving power than other dead blow hammers.
- Protects job surface from damage.
- Applications: HVAC, metal fabrication, electronics, oil and mining, wood and metal assembly, automotive, aerospace.

| Cat. No. | Overall Length | Head Weight | Weight (lbs.) |
|----------|----------------|----------------|---------------|
| 811-16 | 12.5" (318 mm) | 16 oz. (454 g) | 1.44 |
| 811-32 | 18" (457 mm) | 32 oz. (908 g) | 1.8 |



All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

Flexible Drill Bits

Flex Bit Augers

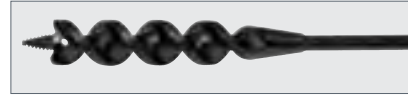


- Used to drill holes through wood within a wall.
- Tapered back for easy bit retrieval.
- Spring steel shaft resists deformation.
- Screw point tip pulls the bit through wood.
- Hole in tip allows for use with wire or cable pulling grip.

| Cat. No. | Length | Weight (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



53716

Flex Bit Extensions



53722

- Connects to the end of a flex bit and extends the length.

| Cat. No. | For Use with Flex Bits | Length | Connection Diameter | Weight (lbs.) |
|----------|------------------------|---------------|---------------------|---------------|
| 53722 | 3/4" and larger | 54" (1372 mm) | 5/8" (14 mm) | 1.00 |
| 53723 | 9/16" and smaller | 54" (1372 mm) | 7/16" (11 mm) | 1.00 |

Flex Bit Placement Tool

- For use with flexible drill bits.
- Positions flexible drill bits horizontally or vertically within a wall.
- Cushion Grip handle for non-slip comfort.
- Folding design stores more compactly than standard tool.



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

- Used to pull wire or cable through walls.
- Pulling grip attaches to the hole in the tip of the flex bit; wire mesh holds the wire during the pull.
- Swivel end helps reduce twisting

| Cat. No. | Capacity | Maximum Safe Load | Weight (lbs.) |
|----------|------------------------------|-------------------|---------------|
| KPS050 | 1/2" - 9/16" (12 mm - 14 mm) | 100 lb | .07 |
| KPS075 | 3/4" - 1" (19 mm - 25 mm) | 185 lb | .11 |

⚠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.

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

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

⚠WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



Hole Saw Kits

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 | | |
| | Cat. No. | Size | |
| | 31514 | 7/8" | |
| | 31518 | 1-1/8" | |
| | 31522 | 1-3/8" | |
| | 31528 | 1-3/4" | |
| | 31532 | 2" | |
| | 31540 | 2-1/2" | |
| | 31548 | 3" | |
| | 31558 | 3-5/8" | |
| | 31566 | 4-1/8" | |
| | 31572 | 4-1/2" | |
| | Arbors | | |
| | Cat. No. | Size | |
| | 31650 | 1/4" | |
| | 31660 | 7/16" | |
| | 31670 | 7/16" | |

Note: Set pilot drill point 1/8" beyond tooth points.

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 |
| | Hole Saws | | |
| | Cat. No. | Size | |
| | 31548 | 3" | |
| | 31558 | 3-5/8" | |
| | 31566 | 4-1/8" | |
| | 31572 | 4-1/2" | |
| | Arbors | | |
| | Cat. No. | Size | |
| | 31670 | 7/16" | |

Note: Set pilot drill point 1/8" beyond tooth points.

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 |
| | Hole Saws | | |
| | Cat. No. | Size | |
| | 31514 | 7/8" | |
| | 31518 | 1-1/8" | |
| | 31522 | 1-3/8" | |
| | 31528 | 1-3/4" | |
| | 31532 | 2" | |
| | 31540 | 2-1/2" | |
| | Arbors | | |
| | Cat. No. | Size | |
| | 31660 | 7/16" | |
| | 31670 | 7/16" | |

Note: Set pilot drill point 1/8" beyond tooth points.

All dimensions are in inches and (millimeters) unless otherwise specified.

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

WARNING: Never use on or near live electrical circuits.



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 |
| | Hole Saws | | |
| | Cat. No. | Size | |
| | 31512 | 3/4" | |
| | 31514 | 7/8" | |
| | 31518 | 1-1/8" | |
| | 31522 | 1-3/8" | |
| | 31524 | 1-1/2" | |
| | 31528 | 1-3/4" | |
| | 31532 | 2" | |
| | 31536 | 2-1/4" | |
| | 31540 | 2-1/2" | |
| | Arbors | | |
| | Cat. No. | Size | |
| | 31650 | 1/4" | |
| | 31660 | 7/16" | |
| | 31670 | 7/16" | |
| | Arbor Extender | | |
| | Cat. No. | Size | |
| | 31678 | 12" | |

Note: Set pilot drill point 1/8" beyond tooth points.



Hole Saws

Bi-Metal Hole Saws

- Cuts through steel, wood, plastic, stainless steel, and cast iron.
- 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.



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) | — | — | 31665, 31670 | .09 |
| 31522 | 1-3/8" (35 mm) | — | 1" (25 mm) | 31665, 31670 | .12 |
| 31524 | 1-1/2" (38 mm) | 1-1/4" (32 mm) | — | 31665, 31670 | .09 |
| 31526 | 1-5/8" (41 mm) | — | — | 31665, 31670 | .10 |
| 31528 | 1-3/4" (44 mm) | 1-1/2" (38 mm) | 1-1/4" (32 mm) | 31665, 31670 | .11 |
| 31532 | 2" (51 mm) | — | 1-1/2" (38 mm) | 31665, 31670 | .13 |
| 31534 | 2-1/8" (54 mm) | — | — | 31665, 31670 | .14 |
| 31536 | 2-1/4" (57 mm) | 2" (51 mm) | — | 31665, 31670 | .15 |
| 31538 | 2-3/8" (60 mm) | — | — | 31665, 31670 | .16 |
| 31540 | 2-1/2" (64 mm) | — | 2" (51 mm) | 31665, 31670 | .17 |
| 31542 | 2-5/8" (67 mm) | 2-1/2" (64 mm) | — | 31665, 31670 | .18 |
| 31544 | 2-3/4" (70 mm) | — | — | 31665, 31670 | .19 |
| 31548 | 3" (76 mm) | — | 2-1/2" (64 mm) | 31665, 31670 | .22 |
| 31552 | 3-1/4" (83 mm) | 3" (76 mm) | — | 31665, 31670 | .26 |
| 31556 | 3-1/2" (89 mm) | — | — | 31665, 31670 | .28 |
| 31558 | 3-5/8" (92 mm) | — | 3" (76 mm) | 31665, 31670 | .29 |
| 31564 | 4" (102 mm) | — | — | 31665, 31670 | .33 |
| 31566 | 4-1/8" (105 mm) | — | 3-1/2" (89 mm) | 31665, 31670 | .36 |
| 31568 | 4-1/4" (108 mm) | 4" (102 mm) | — | 31665, 31670 | .36 |
| 31572 | 4-1/2" (114 mm) | — | 4" (102 mm) | 31665, 31670 | .40 |
| 31576 | 4-3/4" (121 mm) | — | — | 31665, 31670 | .50 |
| 31580 | 5" (127 mm) | — | — | 31665, 31670 | .54 |
| 31596 | 6" (152 mm) | — | — | 31665, 31670 | .75 |
| 31600SEN | 6-3/8" (162 mm) | — | — | 31665, 31670 | 2.00 |
| 31606 | 6-5/8" (168 mm) | — | — | 31665, 31670 | 2.25 |

Note: Set pilot drill point 1/8" beyond tooth points.

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.

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

WARNING: Never use on or near live electrical circuits.

WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



Hole Saws

Carbide Grit Hole Saws

- 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, lathe/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.



31605

Hole-Saw Arbors and Accessories

- 118° split point pilot bits.
- Hardened mandrels for long thread life.



31676



31670



31650



31655



31660



31665

* Collar O.D. 3/4" (19 mm)

Note: Set pilot drill point 1/8" beyond tooth points.



31678

| 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 | .14 |
| 31655 | hexagonal | N | 3/8" (10 mm) | 3/8" and larger | 1/2" - 20 | .16 |
| 31660 | hexagonal | N | 7/16" (11 mm) | 1/2" and larger | 1/2" - 20 | .16 |
| 31665 | hexagonal | N | 7/16" (11 mm) | 1/2" and larger | 5/8" - 18 | .50 |
| 31670 | hexagonal | Threaded | 7/16" (11 mm) | 1/2" and larger | 5/8" - 18 | .55 |

Replacement Pilot Drills for Hole-Saw Arbors

| | | |
|-------|--|-------------------------------------|
| 31672 | 1/4" Replacement Pilot Drill Bit for Klein Arbors 31650, 31660, 31665, 31670 | .02 |
| 31674 | 1/4" Replacement Pilot Drill Bit for Klein Arbors 31655 | .04 |
| 31676 | Arbor Adapter; converts 1/2" - 20 to 5/8" - 18 | .03 |
| 31678 | 12" Arbor Extender* | 7/16" (11 mm) 1/2" and larger - .77 |

Adjustable Hole Saw

- Quickly and smoothly cuts cleaner holes in drywall and ceiling tiles.
- Blades adjust to cut holes from 2" to 7" in diameter.
- Fits most 3/8" and 1/2" drill chucks.
- No binding while cutting.
- No additional tools needed to adjust the hole saw.
- Newly redesigned dust shield (two included) for longer life.
- Hex key included.

| Cat. No. | Range | Weight (lbs.) |
|----------|--------------------------|---------------|
| 53731 | 2" - 7" (51 mm - 177 mm) | .31 |



53731

All dimensions are in inches and (millimeters) unless otherwise specified.

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

WARNING: Never use on or near live electrical circuits.

WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



Carbide-Tipped Hole Cutters

Carbide Hole Cutter

| Cat. No. | Size | Conduit & Pipe Sizes | Weight (lbs.) |
|-------------------|-----------------------------------|----------------------|---------------|
| 31850 | 3/4" | – | .25 |
| 31852 | 7/8" | 1/2" | .30 |
| 31854 | 1" | – | .35 |
| 31856 | 1-1/8" | 3/4" | .40 |
| 31857 | 1-7/32" | – | .40 |
| 31858 | 1-1/4" | – | .40 |
| 31860 | 1-3/8" | 1" | .45 |
| 31862 | 1-7/16" | – | .40 |
| 31864 | 1-1/2" | – | .45 |
| 31866 | 1-3/4" | 1-1/4" | .70 |
| 31868 | 2" | 1-1/2" | .80 |
| 31870 | 2-1/2" | 2" | .95 |
| Replacement Parts | | | |
| 31874 | replacement hole cutter pilot bit | | .05 |



31860

- Cuts quick, precise holes in stainless steel, mild steel, iron, copper and brass sheet up to 3/16" (5 mm) thick.
- Smooth start pilot drill bit for greater control.
- Split point pilot drill bit prevents bit walking.
- Integrated flange prevents the operator from drilling beyond the sheet metal.
- Ejection spring for easy slug removal.

Carbide-Tipped Hole Cutter Kits

4-Piece Carbide Hole Cutter Kit

- Cuts quick, precise holes in stainless steel, mild steel, iron, copper and brass sheet up to 3/16" (5 mm) thick.
- Split point pilot drill bit prevents bit walking.
- Integrated flange prevents the operator from drilling beyond the sheet metal.
- Conduit and pipe sizes: 1/2"-1".

| Cat. No. | Set Contains | Weight (lbs.) |
|----------|-----------------------------|---------------|
| 31872 | Carbide Hole Cutters | 1.45 |
| Cat. No. | Size | |
| 31852 | 7/8" | |
| 31856 | 1-1/8" | |
| 31860 | 1-3/8" | |
| | extra pilot bit | |



31872

8-Piece Master Electrician's Hole Cutter Kit

- Cuts quick, precise holes in stainless steel, mild steel, iron, copper and brass sheet up to 3/16" (5 mm) thick.
- Split point pilot drill bit prevents bit walking.
- Integrated flange prevents the operator from drilling beyond the sheet metal.
- Conduit and pipe sizes: 1/2"-2"

| Cat. No. | Set Contains | Weight (lbs.) |
|----------|-----------------------------|---------------|
| 31873 | Carbide Hole Cutters | 4.30 |
| Cat. No. | Size | |
| 31852 | 7/8" | |
| 31856 | 1-1/8" | |
| 31860 | 1-3/8" | |
| 31866 | 1-3/4" | |
| 31868 | 2" | |
| 31870 | 2-1/2" | |
| | 2 extra pilot bits | |



31873

All dimensions are in inches and (millimeters) unless otherwise specified.

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

WARNING: Never use on or near live electrical circuits.

WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



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) | .98 |
| 53728 | 2-5/8" (67 mm) | 1/2" (12.5 mm) | .45 |



Knockout Punch Set with Wrench

- Set includes: 1" ratcheting wrench, knockout punches, dies and draw studs for 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2" conduit sizes.
- Cutting capacity 10 gauge mild steel; also cuts aluminum, fiberglass and plastic.
- Splits slugs for easy removal.
- Punches holes cleanly and accurately.
- Kit includes six different size knockout punches and dies, two draw studs and one ratcheting box end wrench.



53732

| Cat. No. | | | | Weight (lbs.) |
|----------------|-------------------|--------------------------------|----------------|---------------|
| 53732 | | | | 9.00 |
| Punch Cat. No. | Die Cat. No. | Description | Conduit Size | |
| 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) | |
| Cat. No. | Description | Size | | |
| 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.

All dimensions are in inches and (millimeters) unless otherwise specified.

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

▲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

High Speed Steel Step-Drill Bits — Inch

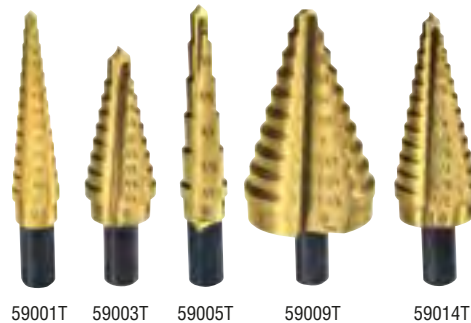
- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling for most sizes.
- Drill multiple-size holes in thin sections of metal, plastic and wood 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 |

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.



| 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 |
| 59014T | 14T | 12 in 1/16" increments | 3/16" to 7/8" | no | 3/8" and larger | 1/8" | .15 |

All dimensions are in inches and (millimeters) unless otherwise specified.

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

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

⚠WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.

Step-Drill Bits

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

| 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.
- Shanks are 7/16" hex to fit 1/2" and larger three-jaw chucks.



53430

- 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 |
| 53430 | 1-1/8" | 4-3/4" (121 mm) | 7-3/4" (197 mm) | .80 |
| 53434 | 9/16" | 15" (381 mm) | 18" (457 mm) | .65 |

| Cat. No. | Bit Size | Twist Length | Overall Length | Weight (lbs.) |
|----------|----------|--------------|----------------|---------------|
| 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.

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

WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



Drill Bit Sets

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.

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

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.

| 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 |



53128

| 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 | | .30 |

| 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 |

Anchors

Conical Anchor Kit – 100 Fasteners

- Kit contains: 100 #2 Phillips, 10 x 1" Screws, and 100 plastic anchors.
- 1/4" Masonry drill bit also included.

| 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.

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

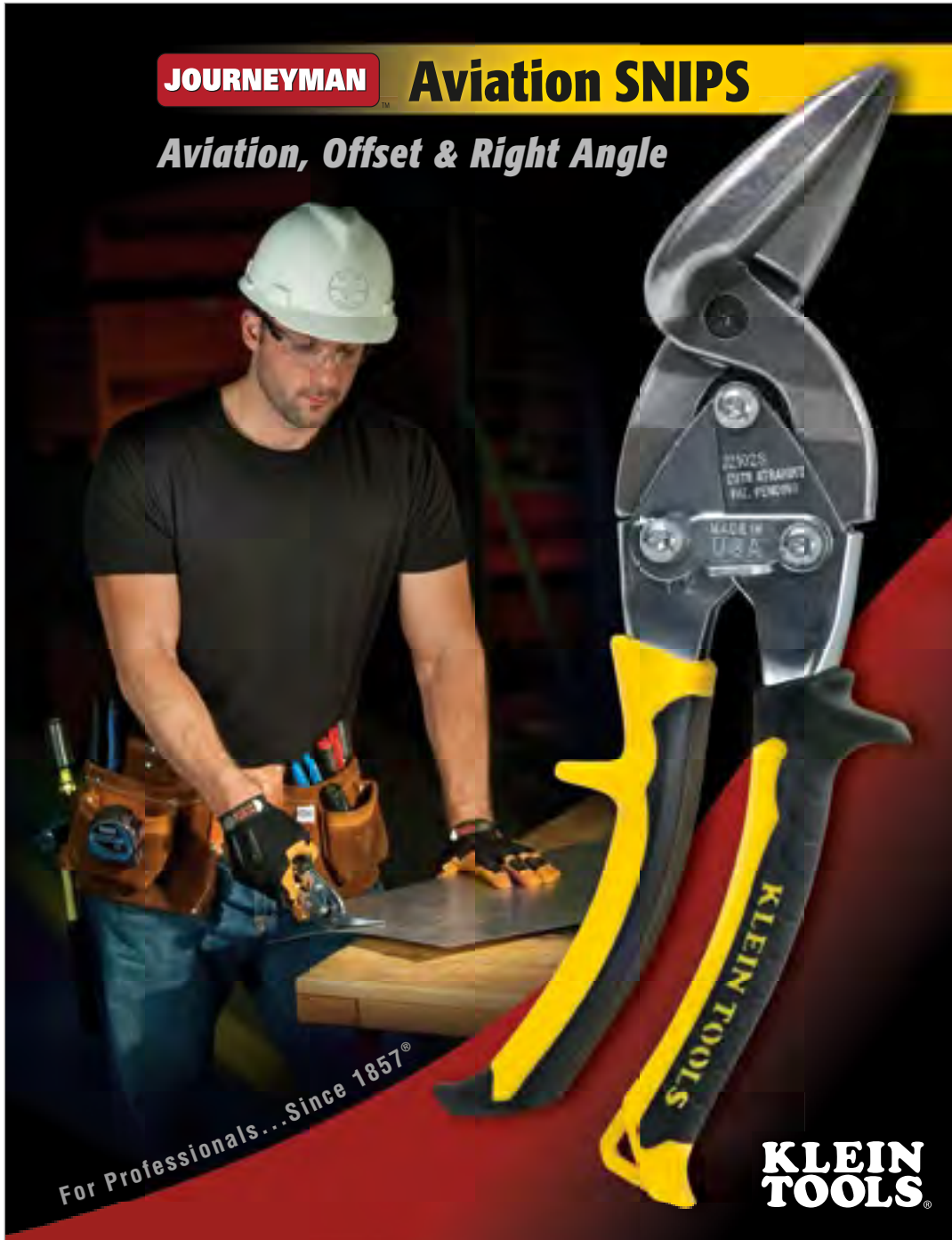
WARNING: Never use on or near live electrical circuits.

WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



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Saws & Blades

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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 ®



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 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.



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 |

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 |



Blade has
three teeth
sizes

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

Saws & Blades

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.

Golden Tri-Cut™ Blades

1200BI



Blade has three teeth sizes

- Unique design provides three teeth sizes on one blade.
- Has 32 teeth/inch up front for quick starts, 24 teeth/inch in the middle and 18 teeth/inch on the end for fast and smooth conventional cutting.
- Special high-speed steel teeth fused to carbon-steel provide superior cutting action and long life.
- Gold finish.
- Available in box of 100 blades or reclosable, heavy-vinyl, seal-tight pouch of ten blades.

| Cat. No. | Pack Size | Teeth Per Inch | Length | Weight Per Pack (lbs.) |
|----------|-----------|----------------|--------------|------------------------|
| 1200BI-P | 10-pack | 32-24-18 | 12" (305 mm) | .45 |
| 1200BI | 100-pack | 32-24-18 | 12" (305 mm) | 4.50 |



All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

Reciprocating Saw Blades

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.

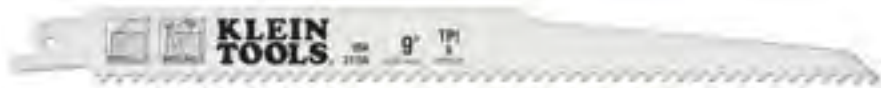


31810

| Cat. No. | Blade Length | TPI | Blade Width | Blade Thickness | Pack | Main Applications |
|----------|--------------|-----|-------------|-----------------|------|--------------------------------|
| 31810 | 6" | 10 | 1" | 0.042 | 5 | HD - Metal |
| 31802 | 6" | 14 | 1" | 0.042 | 5 | HD - Metals 1/8" thick & above |
| 31804 | 6" | 18 | 1" | 0.042 | 5 | HD - Metals 18 ga. to 1/8" |
| 31806 | 6" | 24 | 1" | 0.042 | 5 | HD - Metals 18 ga. & under |
| 31808 | 9" | 10 | 1" | 0.042 | 5 | HD - Metal |
| 31832 | 9" | 14 | 1" | 0.042 | 5 | HD - Metals 1/8" thick & above |
| 31834 | 9" | 18 | 1" | 0.042 | 5 | HD - Metals 18 ga. to 1/8" |
| 31836 | 12" | 10 | 1" | 0.042 | 5 | HD - Metal |
| 31838 | 12" | 14 | 1" | 0.042 | 5 | HD - Metals 1/8" thick & above |
| 31840 | 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 strippage.
- 1/2" universal shank to fit all popular reciprocating saw tools.



31750



31722

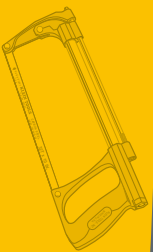
| Cat. No. | Blade Length | TPI | Blade Width | Blade Thickness | Pack | Main Applications |
|----------|--------------|-----|-------------|-----------------|------|-------------------------------|
| 31710 | 6" | 6 | 3/4" | 0.035 | 5 | Wood with nails |
| 31710-15 | 6" | 6 | 3/4" | 0.035 | 15 | Wood with nails |
| 31714 | 6" | 6 | 3/4" | 0.035 | 5 | Plaster |
| 31716 | 6" | 6 | 3/4" | 0.050 | 5 | Wood with nails |
| 31716-15 | 6" | 6 | 3/4" | 0.050 | 15 | Wood with nails |
| 31720 | 6" | 10 | 3/4" | 0.035 | 5 | Wood, plastic and non-ferrous |
| 31722 | 6" | 14 | 3/4" | 0.035 | 5 | Heavy ga. metals |
| 31722-15 | 6" | 14 | 3/4" | 0.035 | 15 | Heavy ga. metals |
| 31722-50 | 6" | 14 | 3/4" | 0.035 | 50 | Heavy ga. metals |
| 31728 | 6" | 18 | 3/4" | 0.035 | 5 | Heavy ga. metals |
| 31728-15 | 6" | 18 | 3/4" | 0.035 | 15 | Heavy ga. metals |
| 31728-50 | 6" | 18 | 3/4" | 0.035 | 50 | Heavy ga. metals |
| 31734 | 6" | 24 | 3/4" | 0.035 | 5 | 18 ga. and under |
| 31734-15 | 6" | 24 | 3/4" | 0.035 | 15 | 18 ga. and under |

| Cat. No. | Blade Length | TPI | Blade Width | Blade Thickness | Pack | Main Applications |
|----------|--------------|-------|-------------|-----------------|------|-------------------|
| 31738 | 8" | 10/14 | 3/4" | 0.035 | 5 | Wood with nails |
| 31738-15 | 8" | 10/14 | 3/4" | 0.035 | 15 | Wood with nails |
| 31742 | 8" | 14 | 3/4" | 0.035 | 5 | Heavy ga. metals |
| 31742-15 | 8" | 14 | 3/4" | 0.035 | 15 | Heavy ga. metals |
| 31746 | 8" | 18 | 3/4" | 0.035 | 5 | Heavy ga. metals |
| 31746-15 | 8" | 18 | 3/4" | 0.035 | 15 | Heavy ga. metals |
| 31750 | 9" | 6 | 3/4" | 0.050 | 5 | Wood with nails |
| 31750-15 | 9" | 6 | 3/4" | 0.050 | 15 | Wood with nails |
| 31754 | 9" | 6 | 7/8" | 0.062 | 3 | Demo |
| 31756 | 9" | 10 | 7/8" | 0.062 | 3 | Demo |
| 31758 | 12" | 6 | 3/4" | 0.050 | 5 | Wood with nails |
| 31758-15 | 12" | 6 | 3/4" | 0.050 | 15 | Wood with nails |
| 31762 | 12" | 6 | 7/8" | 0.062 | 3 | Demo |
| 31764 | 12" | 10 | 7/8" | 0.062 | 3 | Demo |
| 31766 | 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).
- Black chrome blade and black anodized-aluminum handle for corrosion-resistance (Cat. Nos. 44000-BLK and 44001-BLK).
- Reversible thumb stud provides easy one-handed opening.

| Cat. No. | Blade Steel | Blade Length | Length Closed | Weight (oz.) |
|-------------------------|-----------------------|----------------|-----------------|--------------|
| Drop Point Blade | | | | |
| 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) | 1.1 |
| 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 |
| Sheepfoot Blade | | | | |
| 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) | 1.3 |
| Coping Blade | | | | |
| 44007* | AUS 8 stainless steel | 2-1/2" (63 mm) | 3-1/2" (89 mm) | 1.5 |

* Includes a pocket/belt clip.



44001-BLK



44001



44002



44005

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 – Drop 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.

| 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.

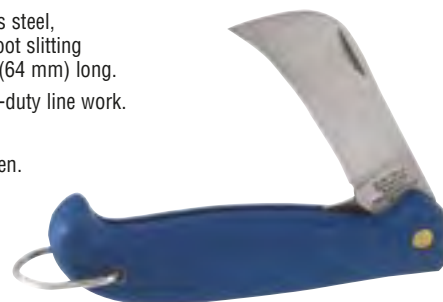


1550-4

| 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



- 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



- 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

- 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 |



1550-7

Pocket Knives – Three Blades

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.

| 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



- 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 |

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



Sharpening Tools

Pocket-Sized Knife Sharpener

- 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 a high-visibility orange color with handy pocket clip.



44151

| 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.



48036

| 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 |

⚠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.

Utility Knives

Utility Knife — Retractable Blade

- 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.



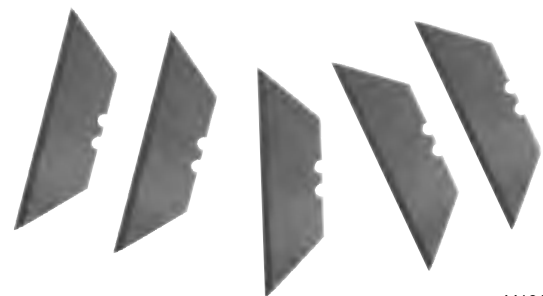
44100

| Cat. No. | Length Closed | Weight (lbs.) |
|----------|---------------|---------------|
| 44100 | 6" (152 mm) | .22 |

Utility Knife Blades

- Heavy-duty razor-edged blades.
- Universal size fits Klein and most other makes of utility knives.
- Blades are reversible for extra life.
- Blades made in the U.S.A.

| 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 |



44101

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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



Utility Knives

Auto Loading Folding Retractable Utility Knife



44130

- Auto-loading blade for faster and safer blade changes.
- High quality triple ground blades stay sharp longer.
- Quick release button for easy blade change.
- Heavy-duty, durable construction.
- Rubber grips on handle for improved control and comfort.
- Internal blade storage holds and includes 3 blades.



| Cat. No. | Length Closed | Overall Length w/Blade | Weight |
|----------|----------------|------------------------|--------------------|
| 44130 | 4.25" (108 mm) | 6.625" (168.3 mm) | .47 lbs. (0.21 kg) |

Auto Loading Retractable Utility Knife



44132

- Auto-loading blade for faster and safer blade changes.
- High quality triple ground blades stay sharp longer.
- Quick release button for easy blade change.
- Heavy-duty, durable construction.
- Rubber grips on handle for improved control and comfort.
- Internal blade storage holds and includes 3 blades.

| Cat. No. | Length Closed | Overall Length w/Blade | Weight |
|----------|------------------|------------------------|--------------------|
| 44132 | 6.25" (158.8 mm) | N/A | .48 lbs. (0.22 kg) |

Folding Utility Knife



44131

- Push button to easily open and close.
- High quality triple ground blades stay sharp longer.
- Rubber grips on handle for improved control and comfort.
- Heavy-duty, durable construction.

| Cat. No. | Length Closed | Overall Length w/Blade | Weight |
|----------|-------------------|------------------------|--------------------|
| 44131 | 4.125" (104.8 mm) | 4.50" (114.3 mm) | .27 lbs. (0.12 kg) |

Klein Kurve® Retractable Utility Knife



44133

- Designed for improved comfort & cutting ability.
- High quality triple ground blades stay sharp longer.
- Quick release button for easy blade change.
- Heavy-duty, durable construction.
- Rubber grips on handle for improved control and comfort.
- Includes 6 blades.



| Cat. No. | Length Closed | Overall Length w/Blade | Weight |
|----------|-------------------|------------------------|--------------------|
| 44133 | 6.875" (174.6 mm) | N/A | .47 lbs. (0.21 kg) |

Utility Knife Blade Dispenser



44103

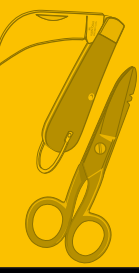
- 50 blades included.
- High quality triple ground blades stay sharp longer.
- Gauge on dispenser indicates blades remaining.
- Convenient interim storage for used blades.
- Blades are compatible with all standard utility knives.

| Cat. No. | Dimensions | Weight |
|----------|--|-----------------|
| 44103 | 4.33" x 2.80" x 1.30" (71 mm x 32 mm x 110 mm) | 1 lb. (0.45 kg) |

All dimensions are in inches and (millimeters).

- ⚠WARNING:** Always wear approved eye protection.
- ⚠WARNING:** Never use on or near live electrical circuits.

- ⚠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.



Special-Purpose Knives

Cable-Sheath Splitting Knife



1515-S

- Compact, lightweight knife for opening lead cables.
- Rugged, forged tempered cutlery steel blade.
- Sharp, chisel-shaped edge.
- Hammer head on back.
- Plastic-dipped 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 |

Cable/Lineman's Skinning Knives



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.
- No contact between stainless steel ring and hardened steel blade (Cat. No. 1570-3).
- Rectangle-shaped handle design for attachment to some utility hot stick equipment.
- Leather sheath available, Cat. No. 5163.

| Cat. No. | Description | Handle Color | Length Less Ring | Weight (lbs.) |
|----------|-----------------------------|--------------|------------------|---------------|
| 1570-3 | hook blade, notch, and ring | black | 8" (203 mm) | .30 |
| 1570-3LR | hook blade and notch | black | 8" (203 mm) | .29 |

Cable-Splicer's Knife



44200

- 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 |

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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-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 |



▲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).

| 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 |

Large Broad Blade Utility Shear



22002

Broad Blade Utility Shear



22001

8" High-Leverage Utility Shear



22003

All dimensions are in inches and (millimeters).

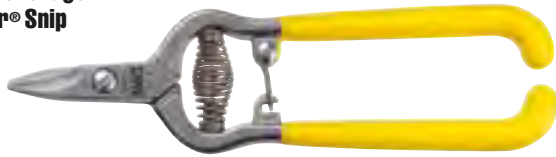
▲WARNING: Always wear approved eye protection.

▲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).

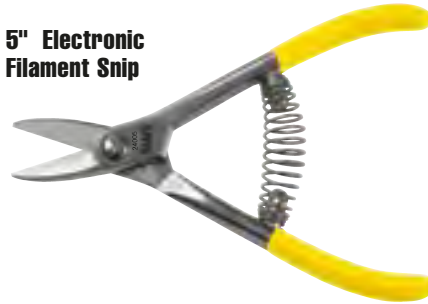
Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company.

Spring Action Snip



24001

5" Electronic Filament Snip



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 |

Bent Trimmers

8" Bent Trimmer

- Cuts plastic, rubber, rubber roofing, roofing materials, cording, vinyl, fiberglass components and cloth materials.



23008

Features:

- 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®



Hammers, Chisels
& Punches



Hammers

Electrician's Straight-Claw Hammer



- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck.
- High-strength fiberglass shaft absorbs shock and keeps head tight.
- Comfortable, perforated neoprene grip bonded to handle.
- Extra-long neck and narrow striking face are ideal for reaching into outlet boxes and other tight areas.
- Balanced and designed specifically for use in electrical work.

807-18

| 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.

818-16

| 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



832-32

- Heavy-duty, double-duty hammer drives lags and pulls large nails.
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw.
- Straight-grain hickory handle, lacquered to withstand weather.

| Cat. No. | Head Weight | Overall Length | Weight (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.

808-16

| 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



- Forged high-carbon steel head is hardened for additional durability.
- Crowned face with uniform bevel.
- Smoothly rounded peen.
- Straight-grain hickory handle is stained and lacquered to withstand weather.

803-12

| Cat. No. | Head Weight | Overall Length | Weight (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 |

Hand-Drilling Hammer



823-48

- Extra-heavy, forged steel head, hardened and tempered.
- Short handle for working in close quarters.
- Select hickory handle, triple-wedged and lacquered to withstand weather.
- Special handle treatment removes handle moisture and replaces it with oil to help eliminate the effects of extreme temperatures.

| Cat. No. | Head Weight | Overall Length | Weight (lbs.) |
|----------|-----------------|----------------|---------------|
| 823-48 | 48 oz. (1361 g) | 10" (254 mm) | 3.25 |

All dimensions are in inches and (millimeters) unless otherwise specified.

For Sledge, Brass, Copper + Normalized Hammers, see Mining Tools section

⚠WARNING: Always wear approved eye protection.



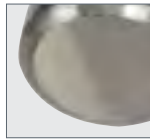
Hammers

Lineman's Double-Face Hammer



809-36

- 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.



both sides

| Cat. No. | Head Weight | Overall Length | Weight (lbs.) |
|----------|-----------------|----------------|---------------|
| 809-36 | 36 oz. (1021 g) | 14" (356 mm) | 2.50 |

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 |

Dead Blow Hammers



811-16

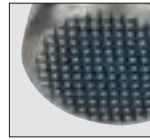


When struck, the shot directs the striking power and increases the impact, creating a dead blow effect. The reduced rebound upon impact transfers full energy of the blow to the object being struck.

Lineman's Milled-Face Hammer



809-36MF



side 1



side 2

- One milled face for driving staples used in pole-line work and common, unhardened nails.
- Other face is smooth for driving heavier duty hardware.
- 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.

| Cat. No. | Head Weight | Overall Length | Weight (lbs.) |
|----------|-----------------|----------------|---------------|
| 809-36MF | 36 oz. (1021 g) | 14" (356 mm) | 2.50 |

Riveting Hammer



821-12

- Forged high-carbon steel round head is hardened for additional durability.
- 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 |

- Durable, abrasion resistant non-marring hammer face.
- Increased striking force with zero impact rebound.
- Design isolates user from striking impact and reduces fatigue.
- 40% more driving power than other dead blow hammers.
- Protects job surface from damage.
- Applications: HVAC, metal fabrication, electronics, oil and mining, wood and metal assembly, automotive, aerospace.

| Cat. No. | Head Weight | Overall Length | Weight (lbs.) |
|----------|----------------|----------------|---------------|
| 811-16 | 16 oz. (454 g) | 12.5" (318 mm) | 1.44 |
| 811-32 | 32 oz. (908 g) | 18" (457 mm) | 1.8 |

All dimensions are in inches and (millimeters) unless otherwise specified.

For Sledge, Brass, Copper + Normalized Hammers, see Mining Tools section

⚠WARNING: Always wear approved eye protection.



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 |

Electrician's Chisel



66100

- One-piece handle and blade forged 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 |

Cold Chisels — Long-Length



66177

- Heat-treated, high-carbon steel for necessary hardness and durability.
- Cuts, shapes and removes metal.
- Accurately ground edge and long length work better in hard-to-reach areas.
- Corrosion-resistant black finish.

| Cat. No. | Blade Width | Overall Length | Weight (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 |

Punches

Drift Punches



66343

- High-carbon steel for durability.
- Rugged design for impact strength.
- Strong, heat-treated points are smooth and precision 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 |

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 |

All dimensions are in inches and (millimeters) unless otherwise specified.

For additional Chisels and Punches, see Mining Tools section

▲WARNING: Always wear approved eye protection.



Electrical Test & Measurement

Crafted for optimum durability, reliability and functionality, our innovative 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®



Multimeters

USA Made Professional Series Multimeters

- True RMS for accurate readings of all signals.
- Low impedance reduces ghost voltage.
- Enhanced basic DC accuracy.
- Bar graph responds quickly to changes in measurement.



Made in USA of US and imported parts.



Additional Features for Cat. No. MM6000

- Max / Min / Relative reading for quick troubleshooting in the field.
- Measures frequency, duty cycle, temperature, and capacitance.
- Lead warning indicates when test leads are not properly connected.

**A NIST certified product is guaranteed to have been specially tested to ensure its accuracy. NIST certified meters are special order (lead time: 7 business days). NIST certifications are good for one year from the date of calibration.*



Suggested accessories for Cat. Nos. MM5000 & MM6000

- Magnetic hanger kit (Cat. No. 69190)

| Measurement | | MM5000/ MM5000N* Electrician's TRMS Multimeter | MM6000/ MM6000N* Electrician's / HVAC TRMS Multimeter |
|---------------------|------------------------------------|---|--|
| AC Current | \tilde{A} | — | 10A |
| DC Current | \bar{A} | — | 10A |
| AC Voltage | \tilde{V} | 1000V | 1000V |
| DC Voltage | \bar{V} | 1000V | 1000V |
| Audible Continuity | o)) | • | • |
| Resistance Range | Ω | 40M Ω | 50M Ω |
| Data Hold | HOLD | • | • |
| Diode Test | $\rightarrow $ | • | • |
| Protective Boot | | • | • |
| Lead Storage | | • | • |
| Auto Power Off | Apo | • | • |
| Back Light | | • | • |
| Auto Ranging | AUTO | • | • |
| Temperature | $^{\circ}\text{F}^{\circ}\text{C}$ | — | -58~1832 $^{\circ}\text{F}$ -50~1000 $^{\circ}\text{C}$ |
| uA Setting | μA | • | • |
| Capacitance | f | — | 6000 μF |
| Range Hold | RANGE | • | • |
| Frequency | Hz | — | 399.9kHz |
| Max/Min | MAX/MIN | • | • |
| Duty Cycle | % | — | • |
| Relative Reading | Δ | — | • |
| Optional Hanger Kit | | • | • |
| Bar Graph | | • | • |
| Lead Warning | | — | • |
| Auto Hold | A-HOLD | • | • |
| True RMS | TRMS | • | • |
| Low Impedance | LOW Z | • | • |
| Ingress Protection | | IP40 | IP20 |
| Drop Protection | | 3m (10 ft) | 3m (10 ft) |
| Safety Rating | | CAT IV 600V | CAT IV 600V |
| Basic DC Accuracy | | $\pm 0.3\%$ | $\pm 0.2\%$ |
| Counts | 00.00 | 4000 | 6000 |
| Listings | | | |



Multimeters

Professional Series Multimeters

- Measures continuity, resistance and voltage.
- Data Hold feature saves measurement for later viewing.
- Audible continuity indicator.
- Lead storage.

Additional features for MM500:

- User-friendly three button design.
- IP67 dust and water proof.
- 10 foot / 3 meter drop protection.
- CAT IV safety rating for 600V.



CAT IV

NEW!

| Measurement | | MM100 Manual Ranging Multimeter | MM200 Auto Ranging Multimeter | MM500 Auto Ranging Multimeter |
|---------------------|--|---------------------------------------|-------------------------------------|-------------------------------------|
| AC Current | | — | 10A | — |
| DC Current | | 10A | 10A | — |
| AC Voltage | | 600V | 600V | 750V |
| DC Voltage | | 600V | 600V | 750V |
| Audible Continuity | | ● | ● | ● |
| Resistance Range | | 2MΩ | 40MΩ | 4000Ω |
| Battery Test | | ● | — | — |
| Data Hold | | ● | ● | — |
| Diode Test | | ● | ● | — |
| Protective Boot | | ● | ● | — |
| Lead Storage | | ● | ● | ● |
| Auto Power Off | | — | ● | ● |
| Back Light | | — | ● | ● |
| Auto Ranging | | — | ● | ● |
| Temperature | | — | -4~1832°F | — |
| uA Setting | | — | ● | — |
| Capacitance | | — | 200μF | — |
| Range Hold | | — | ● | — |
| Frequency | | — | 1MHz | — |
| Max/Min | | — | — | — |
| Duty Cycle | | — | — | — |
| Relative Reading | | — | — | — |
| Optional Hanger Kit | | — | — | — |
| Bar Graph | | — | — | — |
| Lead Warning | | — | — | — |
| Auto Hold | | — | — | ● |
| True RMS | | — | — | — |
| Low Impedance | | — | — | — |
| Ingress Protection | | — | — | IP67 |
| Drop Protection | | 1m (3 ft) | 1m (3 ft) | 3m (10 ft) |
| Safety Rating | | CAT III 600V | CAT III 600V | CAT IV 600V |
| Basic DC Accuracy | | ±0.5% | ±0.5% | ±0.5% |
| Counts | | 2000 | 4000 | 4000 |
| Listings | | | | |
| | | 3194551 | 3194551 | 452K |

All dimensions are in inches and (millimeters).



Multimeters

Professional Series Multimeters Continued

*A NIST certified product is guaranteed to have been specially tested to ensure its accuracy. NIST certified meters are special order (lead time: 7 business days). NIST certifications are good for one year from the date of calibration.



| Measurement | | MM1000/ MM1000N* Electrician's / HVAC Multimeter | MM1300/ MM1300N* Electrician's / HVAC Multimeter | MM2000/ MM2000N* Electrician's / HVAC TRMS Multimeter | MM2300/ MM2300N* Electrician's / HVAC TRMS Multimeter |
|---------------------|-------------------------|--|--|---|---|
| AC Current | \tilde{A} | 10A | 10A | 10A | 10A |
| DC Current | \bar{A} | 10A | 10A | 10A | 10A |
| AC Voltage | \tilde{V} | 1000V | 1000V | 1000V | 1000V |
| DC Voltage | \bar{V} | 1000V | 1000V | 1000V | 1000V |
| Audible Continuity | o) | ● | ● | ● | ● |
| Resistance Range | Ω | 40M Ω | 60M Ω | 40M Ω | 60M Ω |
| Data Hold | HOLD | ● | ● | ● | ● |
| Diode Test | $\rightarrow $ | ● | ● | ● | ● |
| Protective Boot | | ● | ● | ● | ● |
| Lead Storage | | ● | ● | ● | ● |
| Auto Power Off | Apo | ● | ● | ● | ● |
| Back Light | | ● | ● | ● | ● |
| Auto Ranging | AUTO | ● | ● | ● | ● |
| Temperature | $^{\circ}F$ $^{\circ}C$ | -58-1832 $^{\circ}F$ -50-1000 $^{\circ}C$ | -58-1832 $^{\circ}F$ -50-1000 $^{\circ}C$ | -58-1832 $^{\circ}F$ -50-1000 $^{\circ}C$ | -58-1832 $^{\circ}F$ -50-1000 $^{\circ}C$ |
| uA Setting | $\tilde{\mu}A$ | ● | ● | ● | ● |
| Capacitance | H | 4000 μF | 6000 μF | 4000 μF | 6000 μF |
| Range Hold | RANGE | ● | ● | ● | ● |
| Frequency | Hz | 499.9kHz | 499.9kHz | 499.9kHz | 499.9kHz |
| Max/Min | MAX/MIN | ● | ● | ● | ● |
| Duty Cycle | % | ● | ● | ● | ● |
| Relative Reading | Δ | ● | ● | ● | ● |
| Optional Hanger Kit | | ● | ● | ● | ● |
| Bar Graph | | ● | ● | ● | ● |
| Lead Warning | | — | ● | — | ● |
| Auto Hold | A-HOLD | — | ● | — | ● |
| True RMS | TRMS | — | — | ● | ● |
| Low Impedance | LOW Z | — | — | ● | ● |
| Ingress Protection | | IP20 | IP20 | IP20 | IP20 |
| Drop Protection | | 2m (6 ft) | 2m (6 ft) | 2m (6 ft) | 2m (6 ft) |
| Safety Rating | | CAT IV 600V | CAT IV 600V | CAT IV 600V | CAT IV 600V |
| Basic DC Accuracy | | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ | $\pm 0.5\%$ |
| Counts | | 4000 | 6000 | 4000 | 6000 |
| Listings | | | | | |

All dimensions are in inches and (millimeters).



Multimeters

Multimeter Specifications

| Cat. No. | NIST certified | CAT Rating | Batteries | Height | Width | Depth | Weight | Included Accessories |
|----------|----------------|--------------|-----------|----------------|---------------|----------------|------------------|--------------------------------|
| MM100 | — | CAT III 600V | 1 x 9V | 5.75" (146 mm) | 2.75" (70 mm) | 1.75" (45 mm) | 8.0 oz. (227 g) | test leads |
| MM200 | — | CAT III 600V | 1 x 9V | 5.75" (146 mm) | 2.75" (70 mm) | 1.75" (45 mm) | 8.2 oz. (232 g) | test leads thermocouple |
| MM500 | — | CAT IV 600V | 2 x AAA | 5.75" (146 mm) | 2.75" (70 mm) | 1.75" (45 mm) | 8.0 oz. (227 g) | test leads NEW! |
| MM1000 | — | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple |
| MM1000N | yes | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple |
| MM1300 | — | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple, case |
| MM1300N | yes | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple, case |
| MM2000 | — | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple |
| MM2000N | yes | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple |
| MM2300 | — | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple, case |
| MM2300N | yes | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple, case |
| MM5000 | — | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, case |
| MM5000N | yes | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, case |
| MM6000 | — | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple, case |
| MM6000N | yes | CAT IV 600V | 2 x AAA | 7.00" (178 mm) | 3.50" (89 mm) | 1.875" (48 mm) | 14.0 oz. (397 g) | test leads, thermocouple, case |

Multimeter Replacement Fuses



69192

| Cat. No. | For Use With | Fuse Type |
|----------|--|----------------------------|
| 69191 | MM1000, MM1300, MM2000, MM2300, MM6000 | F 11A / 1000V |
| 69192 | MM1000, MM1300, MM2000, MM2300, MM6000 | F 440mA / 1000V |
| 69193 | MM100 Fuse Kit | F10A / 500V, F250mA / 250V |
| 69194 | MM200 Fuse Kit | F10A / 500V, F400mA / 250V |

▲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.



Clamp Meters

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, CL1200, CL1300

- 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.



| Measurement | | CL100 600A AC Clamp Meter | CL200 600A AC Clamp Meter w/ Temp | CL1000/CL1000N* 400A AC Clamp Meter | CL1200/CL1200N* 600A AC Clamp Meter | CL1300/CL1300N* 600A AC Clamp Meter w/ Temp |
|--------------------------|----------------|---------------------------------|---|---|---|---|
| AC Current | | 600A | 600A | 400A | 600A | 600A |
| DC Current | | — | — | — | — | — |
| AC Voltage | | 600V | 600V | 750V | 750V | 750V |
| DC Voltage | | 600V | 600V | 1000V | 1000V | 1000V |
| Audible Continuity | | • | • | • | • | • |
| Resistance Range | | 20MΩ | 40MΩ | 40MΩ | 60MΩ | 60MΩ |
| Data Hold | HOLD | • | • | • | • | • |
| Auto Power Off | Apo | • | • | • | • | • |
| Diode Test | | • | • | • | • | • |
| Back Light | | • | • | • | • | • |
| Work/Clamp Light | | • | • | • | • | • |
| Frequency | Hz | — | 100kHz | 499.9kHz | 499.9kHz | 499.9kHz |
| Capacitance | | — | 100μF | 4000μF | 6000μF | 6000μF |
| Duty Cycle | % | — | • | • | • | • |
| Temperature | °F °C | — | -4-1832°F -20-1000°C | — | — | -22-752°F -30-1000°C |
| Non-Contact Voltage Test | NCV | — | — | • | • | • |
| Max/Min | MAX/MIN | Max | — | • | • | • |
| μA Setting | | — | • | • | • | • |
| Rel/Zero | | — | — | — | • | • |
| Magnetic Mount | | — | — | • | • | • |
| Bar Graph | | — | — | • | • | • |
| True RMS | TRMS | — | — | — | — | — |
| Low Impedance | LOW Z | — | — | — | — | — |
| Ingress Protection | | — | — | — | IP42 | IP42 |
| Drop Protection | | 1m (3 ft) | 1m (3 ft) | 1m (3 ft) | 2m (6 ft) | 2m (6 ft) |
| Safety Rating | | CAT III 600V | CAT III 600V | CAT III 600V | CAT IV 600V | CAT IV 600V |
| Counts | | 2000 | 4000 | 4000 | 6000 | 6000 |
| Listings | | | | | | |

All dimensions are in inches and (millimeters).



Clamp Meters

Professional Series Clamp Meters Cont.

**Additional Features for
Cat. Nos. CL2000, CL2200, CL2300, CL2500**

- 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.

**A NIST certified product is guaranteed to have been specially tested to ensure its accuracy. NIST certified meters are special order (lead time: 7 business days). NIST certifications are good for one year from the date of calibration.*



| Measurement | | CL2000/CL2000* 400A AC/DC TRMS Clamp Meter | CL2200/ CL2200* 600A AC/DC TRMS Clamp Meter | CL2300/ CL2300* 600A AC/DC TRMS Clamp Meter w/ Temp | CL2500/ CL2500* 1000A AC/DC TRMS Clamp Meter |
|--------------------------|----------------|--|---|---|--|
| AC Current | | 400A | 600A | 600A | 1000A |
| DC Current | | 400A | 600A | 600A | 1000A |
| AC Voltage | | 750V | 750V | 750V | 750V |
| DC Voltage | | 1000V | 1000V | 1000V | 1000V |
| Audible Continuity | | • | • | • | • |
| Resistance Range | | 40MΩ | 60MΩ | 60MΩ | 60MΩ |
| Data Hold | HOLD | • | • | • | • |
| Auto Power Off | Apo | • | • | • | • |
| Diode Test | | • | • | • | • |
| Back Light | | • | • | • | • |
| Work/Clamp Light | | • | • | • | • |
| Frequency | Hz | 499.9kHz | 499.9kHz | 499.9kHz | 499.9kHz |
| Capacitance | | 4000μF | 6000μF | 6000μF | 6000μF |
| Duty Cycle | % | • | • | • | • |
| Temperature | °F °C | — | — | -22-752°F -30-400°C | — |
| Non-Contact Voltage Test | NCV | • | • | • | • |
| Max/Min | MAX/MIN | • | • | • | • |
| μA Setting | | • | • | • | • |
| Rel/Zero | | • | • | • | • |
| Magnetic Mount | | • | • | • | • |
| Bar Graph | | • | • | • | • |
| True RMS | TRMS | • | • | • | • |
| Low Impedance | LOW Z | — | — | — | — |
| Ingress Protection | | — | IP42 | IP42 | IP42 |
| Drop Protection | | 1m (3 ft) | 2m (6 ft) | 2m (6 ft) | 1m (3 ft) |
| Safety Rating | | CAT III 600V | CAT IV 600V | CAT IV 600V | CAT IV 600V |
| Counts | | 4000 | 6000 | 6000 | 6000 |
| Listings | | UL US LISTED 45ZK | UL US LISTED 45ZK | UL US LISTED 45ZK | UL US LISTED 45ZK |

All dimensions are in inches and (millimeters).



Clamp Meters

Clamp Meter Specifications

| Cat. No. | CAT Rating | Batteries | Jaw Size | Height | Width | Depth | Weight | Included Accessories |
|----------|--------------|-----------|---------------|-----------------|----------------|---------------|------------------|--------------------------------|
| CL100 | CAT III 600V | 3 x AAA | 1.0" (25 mm) | 8.2" (208 mm) | 3.0" (76 mm) | 1.4" (36 mm) | 9.9 oz. (281 g) | test leads, case |
| CL200 | CAT III 600V | 3 x AAA | 1.0" (25 mm) | 8.2" (208 mm) | 3.0" (76 mm) | 1.4" (36 mm) | 10.0 oz. (283 g) | test leads, case, thermocouple |
| CL1000 | CAT III 600V | 2 x AAA | 1.25" (32 mm) | 8.875" (225 mm) | 3.375" (86 mm) | 1.5" (38 mm) | 10.7 oz. (303 g) | test leads, case |
| CL1200 | CAT III 600V | 2 x AAA | 1.25" (32 mm) | 7.65" (194 mm) | 2.56" (65 mm) | 1.38" (35 mm) | 11.9 oz. (337 g) | test leads, case |
| CL1300 | CAT III 600V | 2 x AAA | 1.25" (32 mm) | 7.65" (194 mm) | 2.56" (65 mm) | 1.38" (35 mm) | 11.9 oz. (337 g) | test leads, case, thermocouple |
| CL2000 | CAT III 600V | 2 x AAA | 1.25" (32 mm) | 8.875" (225 mm) | 3.375" (86 mm) | 1.5" (38 mm) | 10.7 oz. (303 g) | test leads, case |
| CL2200 | CAT III 600V | 2 x AAA | 1.25" (32 mm) | 7.65" (194 mm) | 2.56" (65 mm) | 1.38" (35 mm) | 11.9 oz. (337 g) | test leads, case |
| CL2300 | CAT III 600V | 2 x AAA | 1.25" (32 mm) | 7.65" (194 mm) | 2.56" (65 mm) | 1.38" (35 mm) | 11.9 oz. (337 g) | test leads, case, thermocouple |
| CL2500 | CAT IV 600V | 2 x AAA | 1.97" (50 mm) | 8.09" (205 mm) | 2.56" (65 mm) | 1.38" (35 mm) | 13.6 oz. (386 g) | test leads, case |



⚠WARNINGS:

To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.

- Before each use, verify meter operation by measuring a known voltage or current.
- Never use the meter on a circuit with voltages that exceed the category based rating of this meter.
- Do not use the meter during electrical storms, or in wet weather.
- Do not use the meter or test leads if they appear to be damaged.
- Ensure meter leads are fully seated, and keep fingers away from the metal probe contacts when making measurements.
- Do not open the meter to replace batteries while the probes are connected.
- Use caution when working with voltages above 60V DC, or 25V AC RMS. Such voltages pose a shock hazard.
- To avoid false readings that can lead to electrical shock, replace batteries if a low battery indicator appears.
- Unless measuring voltage or current, shut off and lock out power before measuring resistance or capacitance.
- Always adhere to local and national safety codes. Use individual protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.

Specialty Clamp Meters

200A AC Fork Meter

- Open jaw conveniently measures 1/0 wire and AC currents up to 200A. Cat. No. CL3200 measures 3/0 wire.
- Backlit display is readable even in dark locations.
- Relative reading feature automatically calculates the difference between the live measurement and a previously stored measurement.



**A NIST certified product is guaranteed to have been specially tested to ensure its accuracy. NIST certified meters are special order (lead time: 7 business days). NIST certifications are good for one year from the date of calibration.*



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 | CL3100 | CL3200/ CL3200N* |
|-------------------------------|-------------------|--------------------|--------------------|--------------------|
| | | 200A AC Fork Meter | 200A AC Hook Meter | 200A AC Fork Meter |
| AC Current | \tilde{A} | 200A | 200A | 200A |
| AC Voltage | \tilde{V} | 750V | 750V | 750V |
| DC Voltage | \bar{V} | 1000V | 1000V | 1000V |
| Resistance | Ω | 40M Ω | 40M Ω | 40M Ω |
| Capacitance | μF | 40 μF | — | — |
| Frequency / Duty Cycle | Hz% | 100kHz | — | — |
| Diode Test | $\rightarrow $ | ● | — | — |
| Continuity | \equiv | ● | ● | ● |
| Accepts Wire | | 1/0 | 1/0 | 3/0 |
| Non Contact Voltage | NCV | — | — | ● |
| Data Hold | HOLD | ● | — | ● |
| Relative Reading | Δ | ● | — | — |
| Auto Power-Off | Apo | ● | ● | ● |
| Auto Range | RANGE | ● | ● | ● |
| Backlight | \odot | ● | ● | ● |
| Worklight | \rightarrow | — | ● | ● |
| Voltage / Current Auto Select | Auto | — | ● | ● |
| Max/Min | MAX/MIN | — | ● | — |
| Bar Graph | \equiv | — | ● | ● |
| Magnetic Hanger | \hookrightarrow | — | ● | ● |
| Low Impedance | LOW Z | — | — | ● |
| Ingress Protection | \equiv | — | — | IP30 |
| Drop Protection | \downarrow | 1m (3 ft) | 1m (3 ft) | 2m (6 ft) |
| Safety Rating | \triangle | CAT III 600V | CAT IV 600V | CAT IV 600V |
| Display Counts | 00.00 | 4000 | 4000 | 4000 |
| Listings | | ETL LISTED | CE | UL LISTED 452K |

| Cat. No. | NIST certified | CAT Rating | Batteries | Jaw Size | Height | Width | Depth | Weight | Included Accessories |
|----------|----------------|--------------|-----------|---------------|-----------------|---------------|---------------|-----------------|----------------------|
| CL3000 | — | CAT III 600V | 1 x 9V | 0.5" (13 mm) | 7.50" (191 mm) | 2.70" (69 mm) | 1.70" (43 mm) | 7.4 oz. (210 g) | test leads, case |
| CL3100 | — | CAT IV 600V | 2 x AAA | 0.5" (13 mm) | 10.25" (260 mm) | 2.50" (64 mm) | 1.50" (38 mm) | 8.6 oz. (244 g) | test leads, case |
| CL3200 | — | CAT IV 600V | 2 x AAA | 0.63" (16 mm) | 7.06" (179 mm) | 2.56" (65 mm) | 1.34" (34 mm) | 7.9 oz. (224 g) | test leads, case |
| CL3200N* | yes | CAT IV 600V | 2 x AAA | 0.63" (16 mm) | 7.06" (179 mm) | 2.56" (65 mm) | 1.34" (34 mm) | 7.9 oz. (224 g) | test leads, case |

All dimensions are in inches and (millimeters).



Electrical Testers

Electronic Voltage Testers

- Measures AC and DC voltage at nine common levels up to 600V.
- Probe wires with wear indicators built in.
- 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.



ET200



| Cat. No. | CAT Rating | Batteries | Height | Width | Depth | Weight |
|----------|-------------|-----------|-----------------|------------------|-----------------|-----------------|
| ET100 | CAT IV 600V | 3 x AAA | 7.375" (187 mm) | 2.375" (60.3 mm) | 1.25" (31.8 mm) | 8.1 oz. (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 oz. (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 (Cat. No. 69411, see accessories page).



ET300



| Cat. No. | Batteries | Height | Width | Depth | Weight | |
|----------|-------------|--------|-----------------|-----------------|-----------------|------------------|
| ET300 | receiver | 1 x 9V | 6.00" (152 mm) | 2.00" (50.8 mm) | 0.90" (22.9 mm) | 3.2 oz. (90.7 g) |
| | transmitter | N/A | 2.80" (71.1 mm) | 1.90" (48.3 mm) | 1.20" (30.5 mm) | 1.6 oz. (45.4 g) |

All dimensions are in inches and (millimeters).



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 two AAA 1.5 volt batteries.



NCVT-1



Additional Features for Dual Range NCVT-2

- Automatically detects and indicates low voltage (12-48 Volts AC) and standard voltage (48-1000 Volts AC), allowing broad application.
- Non-contact detection of low-voltage in security, entertainment, communications, environmental control, and irrigation systems.

| Voltage Range | 12 TO 48 VOLTS AC (Low) (NCVT-2 only) | 48 TO 1000 VOLTS AC (Standard) |
|----------------|---|---|
| Audible | low-pitched pulsing beeping sound | high-pitched continuous beeping sound |
| Visual | blue LED turns off and red LED blinks (approximately 2-times per second). | green LED turns off and red LED illuminates continuously. |



NCVT-2



| Cat. No. | Voltage Range | Frequency Range | Pollution Degree | Batteries | Overall Length | Width | Height | Weight (oz.) | Weight w/ Batteries (oz.) |
|----------|------------------|-----------------|------------------|-----------|----------------|---------------|--------------|----------------|---------------------------|
| NCVT-1 | 48-1000 volts AC | 50-500 Hz | 2 | 2 x AAA | 5.50" (140 mm) | 0.72" (18 mm) | 1.0" (25 mm) | 0.8 oz. (23 g) | 1.6 (46 g) |
| NCVT-2 | 12-1000 volts AC | 50-500 Hz | 2 | 2 x AAA | 5.50" (140 mm) | 0.72" (18 mm) | 1.0" (25 mm) | 0.8 oz. (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.

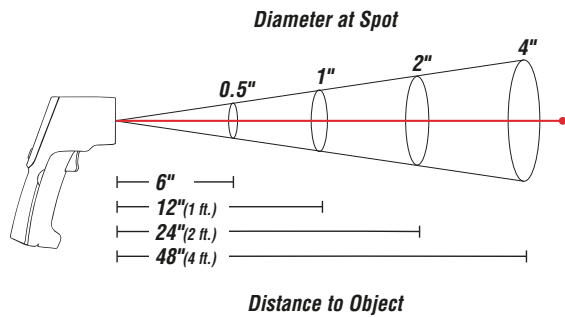
All dimensions are in inches and (millimeters).



Specialty Testers

12:1 Infrared Thermometer

- Backlit display.
- Fahrenheit or Celsius.
- MAX, MIN, AVG, 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).

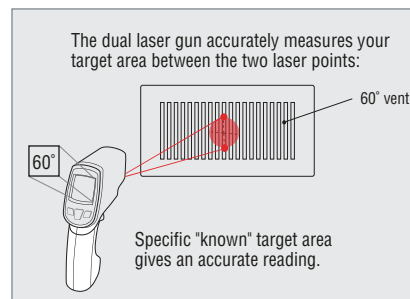
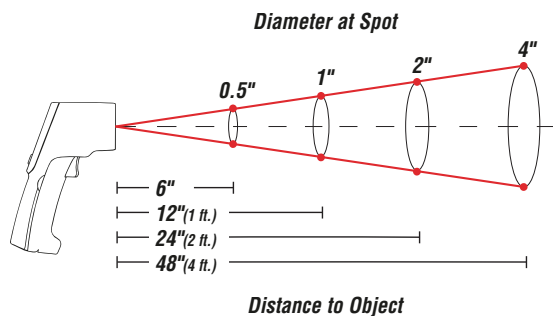


IR1000

| Cat. No. | Batteries | Height | Width | Depth | Weight |
|----------|-----------|-------------|-----------------|-----------------|-----------------|
| IR1000 | 2 x AAA | 7" (178 mm) | 3.25" (82.6 mm) | 1.74" (44.2 mm) | 8.1 oz. (230 g) |

12:1 Dual Laser Infrared Thermometer

- Backlit display.
- Dual laser targeting.
- Fahrenheit or Celsius button.
- K-Type thermocouple input.
- 12:1 spot ratio.
- -76° to 1022°F measurement range.
- Auto shut off.
- High/Low alarm.
- Auto-scan.
- Work light.



IR2000

*A NIST certified product is guaranteed to have been specially tested to ensure its accuracy. NIST certified meters are special order (lead time: 7 business days). NIST certifications are good for one year from the date of calibration.

| Cat. No. | Batteries | Height | Width | Depth | Weight |
|----------|-----------|------------------|-----------------|-----------------|-------------------|
| IR2000 | 2 x AAA | 6.76" (171.7 mm) | 1.87" (47.5 mm) | 4.7" (119.4 mm) | 9.0 oz. (255.1 g) |
| IR2000N* | 2 x AAA | 6.76" (171.7 mm) | 1.87" (47.5 mm) | 4.7" (119.4 mm) | 9.0 oz. (255.1 g) |

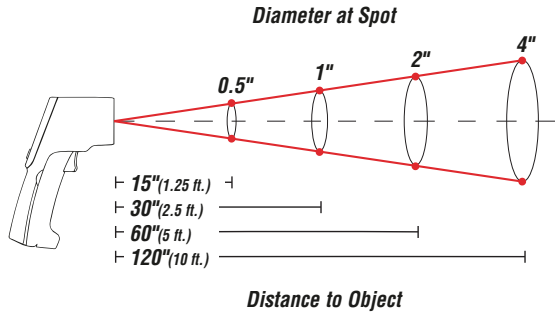
All dimensions are in inches and (millimeters).



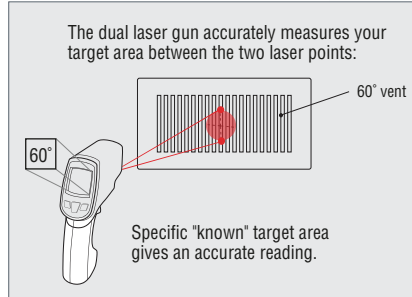
Specialty Testers

30:1 Dual Laser Infrared Thermometer

- Backlit display.
- Dual laser targeting.
- Fahrenheit or Celsius button.
- K-Type thermocouple input.
- 30:1 spot ratio.
- -76° to 1400°F measurement range.
- Auto shut off.
- High/Low alarm.
- Auto-scan.
- Work light.



**A NIST certified product is guaranteed to have been specially tested to ensure its accuracy. NIST certified meters are special order (lead time: 7 business days). NIST certifications are good for one year from the date of calibration.*



IR3000

| Cat. No. | Batteries | Height | Width | Depth | Weight |
|----------|-----------|------------------|-----------------|-----------------|-----------------|
| IR3000 | 2 x AAA | 6.76" (171.7 mm) | 1.87" (47.5 mm) | 4.7" (119.4 mm) | 9.0 oz. (255 g) |
| IR3000N* | 2 x AAA | 6.76" (171.7 mm) | 1.87" (47.5 mm) | 4.7" (119.4 mm) | 9.0 oz. (255 g) |

Digital Temperature Loggers

Dual Input Temperature Logger

- IP67: Dust and waterproof.
- Differential temperature.
- Data logging.
- 9,999 memory positions.
- MIN, MAX, AVG & Hold.
- USB interface.
- Thermocouple temperature offset.
- Backlit display.
- Probe storage.

| Thermocouple | Temperature Range °F | Temperature Range °C |
|--------------|----------------------|----------------------|
| J-Type | -346° to 2192°F | -210° to 1200°C |
| K-Type | -328° to 2498°F | -200° to 1370°C |
| T-Type | -328° to 752°F | -200° to 400°C |
| E-Type | -238° to 1832°F | -150° to 1000°C |



DTL302



DTL304

| Cat. No. | Inputs | Batteries | Height | Width | Depth | Weight | Included Accessories |
|----------|--------|-----------|----------------|---------------|---------------|------------------|--|
| DTL302 | 2 | 2 x AAA | 7.20" (183 mm) | 3.70" (94 mm) | 1.70" (43 mm) | 16.2 oz. (459 g) | magnetic hanger, thermocouples, usb power adapter & cable, software, batteries |
| DTL304 | 4 | 2 x AAA | 7.20" (183 mm) | 3.70" (94 mm) | 1.70" (43 mm) | 16.2 oz. (459 g) | magnetic hanger, thermocouples, usb power adapter & cable, software, batteries |

All dimensions are in inches and (millimeters).



Specialty Testers

Video Borescope

- Video/audio & photo recording.
- Bright LED worklight.
- IP67: Dust and waterproof camera.
- Screen rotation.
- TV-out & SD card.
- File playback.



Multiple Applications!

- Electrical
 - HVAC
 - Plumbing
 - Automotive
 - Aircraft
- Use to view inaccessible areas:
 - Inside a wall
 - Down the drain
 - In furnace or vent

Package contents:

Main unit, gooseneck camera 17 mm, 18650 series 3.7v 2000mAh rechargeable Li-ion battery, mirror camera attachment, hook camera attachment, magnet camera attachment, USB power adapter/charger, USB data/charger cable, RCA composite A/V to 3.5 mm mini A/V cable, quick start guide, software/instruction manual CD-ROM, carrying case



ET500



| Cat. No. | Batteries | Height | Width | Depth | Weight |
|----------|-----------|-------------|-----------------|-----------------|-----------------|
| ET500 | 2 x AAA | 7" (178 mm) | 3.25" (82.6 mm) | 1.74" (44.2 mm) | 8.1 oz. (230 g) |

Borescope

- 2.4" color LCD.
- Bright LED work light.
- IP67: Dust and waterproof camera.
- Screen mirror.
- Auto power off.



ET510

Multiple Applications!

- Electrical
 - HVAC
 - Plumbing
 - Automotive
 - Aircraft
- Use to view inaccessible areas:
 - Inside a wall
 - Down the drain
 - In furnace or vent

Package contents:

Main unit, gooseneck camera 17 mm, mirror camera attachment, hook camera attachment, magnet camera attachment, USB power adapter/charger, USB data/charger cable.



| Cat. No. | Batteries | Height | Width | Depth | Weight |
|----------|-------------|------------------|-----------------|-----------------|------------------|
| ET510 | lithium ion | 6.53" (165.9 mm) | 2.84" (72.2 mm) | 1.55" (39.4 mm) | 8.08 oz. (229 g) |

All dimensions are in inches and (millimeters).



Electrical Testers

Receptacle Testers



Made in USA of US and imported parts.



RT500

RT600

- Designed to detect the most common wiring problems in standard receptacles.
- Conditions indicated: wiring correct, open ground, reverse polarity, open hot, open neutral, hot/ground reversed.
- Conditions NOT indicated: quality of ground, multiple hot wires, combinations of defects, reversal of grounded and grounding conductors.

| Cat. No. | GFCI | Dimensions | Weight |
|----------|------|---|-------------------|
| RT500 | no | 1.74" x 2.8" x 1.15" (44.2 mm x 71.1 mm x 29.2 mm) | 1.95 oz. (55.3 g) |
| RT600 | yes | 1.74" x 2.8" x 1.15" (44.2 mm x 71.1 mm x 29.2 mm) | 1.97 oz. (55.9 g) |

Continuity Tester

- Quickly reveals shorts or broken circuits in all types of electrical devices and controls.
- Tests for continuity of circuit with power off.
- Bulb in handle glows when circuit is complete (bulb included).
- Pointed 3-3/4" (95 mm) probe gets right to the problem.
- Deluxe 4" (102 mm) long handle with removable nylon cap holds replaceable bulb and battery.
- 36" (915 mm) test lead with alligator clip.
- Uses one AAA battery (not included).



69133



Made in USA of US and imported parts.

| Cat. No. | Overall Length | Weight (lbs.) |
|-------------------------|-------------------------------------|------------------|
| 69133 | probe to clip, 43-3/4" (1099 mm) | 0.20 oz. (5.7 g) |
| Replacement Part | | |
| 69131 | replacement bulb for Cat. No. 69133 | 0.04 oz. (1.2 g) |

Receptacle Testers



RT100

RT200

- Designed to detect the most common wiring problems in standard receptacles.
- Conditions indicated: wiring correct, open ground, reverse polarity, open hot, open neutral, hot/ground reversed.
- Conditions NOT indicated: quality of ground, multiple hot wires, combinations of defects, reversal of grounded and grounding conductors.

| Cat. No. | GFCI | Dimensions | Weight |
|----------|------|--|-------------------|
| RT100 | no | 1.5" x 2.75" x 1" (38.1 mm x 69.9 mm x 25.4 mm) | 1.27 oz. (36 g) |
| RT200 | yes | 1.5" x 2.75" x 1" (38.1 mm x 69.9 mm x 25.4 mm) | 1.38 oz. (39.1 g) |

Low-Voltage Tester

- Device for checking live 6-24V, AC or DC circuits.
- Tests for shorts in automotive and truck electrical systems, motor field coils, radio and low-voltage circuits, ground circuits of all lamps, wiring, fuses, etc.
- Bulb in handle glows when circuit is complete (bulb included).
- Pointed 3-3/4" (95 mm) probe makes checking easier.
- Deluxe 3-1/2" (89 mm) long handle with nylon top holds replaceable bulb.
- 36" (915 mm) test lead with alligator clip.



69127



Made in USA of US and imported parts.

| Cat. No. | Overall Length | Weight (lbs.) |
|-------------------------|-------------------------------------|------------------|
| 69127 | probe to clip, 43-1/4" (1099 mm) | 0.20 oz. (5.7 g) |
| Replacement Part | | |
| 69130 | replacement bulb for Cat. No. 69127 | 0.01 oz. (.3 g) |

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.



69105

| Cat. No. | Overall Length with Probes | Weight |
|----------|----------------------------|------------------|
| 69105 | 35" (889 mm) | 2.4 oz. (68.1 g) |

All dimensions are in inches and (millimeters).

⚠WARNING: Do NOT use continuity tester for checking continuity on live circuits.



Electrical Testers

Multi-Volt Twin-Lead Tester

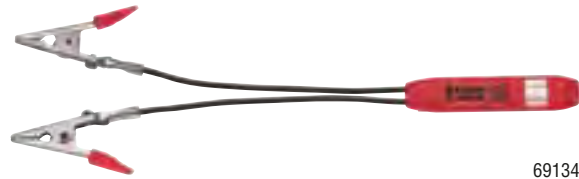


69135

- 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 |
|----------|-----------------|------------------|
| 69135 | 7-7/8" (200 mm) | 0.08 oz. (2.3 g) |

Low-Voltage Twin-Lead Tester



69134

- 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 |
|----------|----------------|------------------|
| 69134 | 8" (203 mm) | 0.08 oz. (2.3 g) |

Test Lead Set



69128

- Red and black.
- Set of two 32" (813 mm) leads.
- Each lead has alligator clips attached to both ends.

| Cat. No. | Overall Length | Weight |
|----------|----------------|-------------------|
| 69128 | 32" (813 mm) | 6.4 oz. (181.4 g) |

Circuit Breaker Finder Accessory Kit



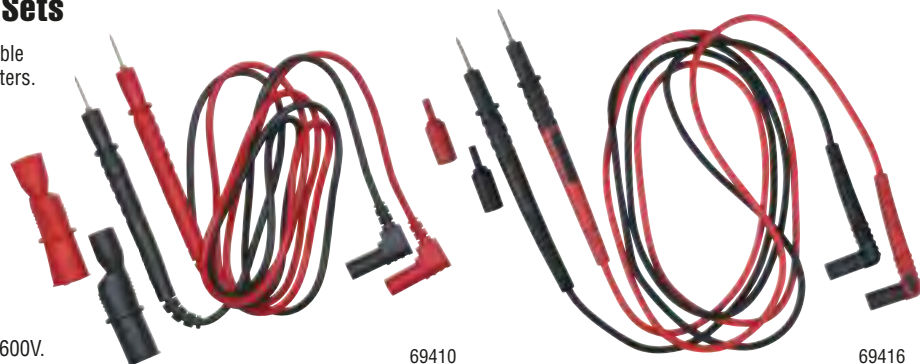
69411

- 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 |
|----------|--|------------------|
| 69411 | ET300 digital circuit breaker finder accessory kit | 2.1 oz. (59.5 g) |

Replacement Test Lead Sets

- Standard banana-type inputs compatible with most multimeters and clamp meters.
- Leads compatible with and fit lead storage compartments on most Klein meters.
- Leads also compatible with Klein MM100, MM200, CL100 and CL200 meters but not sized for lead storage compartments.
- Includes one pair each of universal test leads and alligator clips.
- Safety rating: CAT III 1000V / CAT IV 600V.



69410

69416

Additional Features for Premium Silicone Test Lead Set

- Silicone insulated for greater performance in temperature extremes.
- Enhanced strain relief and durability.

| Cat. No. | Description | Overall Length | Weight |
|----------|--|----------------|------------------|
| 69410 | universal test lead set | 42" (1,067 mm) | 3.2 oz. (90.7 g) |
| 69416 | universal premium silicone test lead set | 48" (1,219 mm) | 3.4 oz. (96.3 g) |

All dimensions are in inches and (millimeters).



Test & Measurement Line Accessories

Replacement K-Type Thermocouples



69412



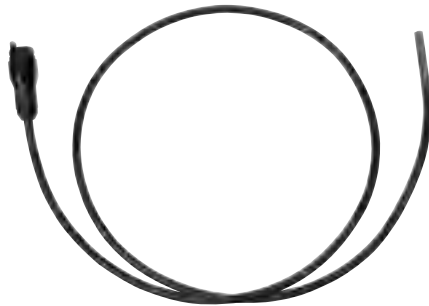
69413



69414

| Cat. No. | Description | Multimeter | Clamp Meter | IR Gun | DTL | Weight |
|----------|----------------------------|---|------------------------|----------------|----------------|------------------|
| 69412 | K-type banana thermocouple | MM100, MM1000, MM1300, MM2000, MM2300, MM6000 | CL1200, CL1300, CL2300 | — | — | 0.7 oz. (19.8 g) |
| 69413 | K-type thermocouple | — | — | IR2000, IR3000 | — | 0.2 oz. (5.7 g) |
| 69414 | DTL K-type thermocouple | — | — | — | DTL302, DTL304 | 0.2 oz. (5.7 g) |

6 mm Borescope Camera



69450

- Bright LED worklight.
- IP67 gooseneck design for greater control and positioning.
- Smaller footprint when penetrating walls and panels.

| Cat. No. | Dimensions | Weight |
|----------|---------------------------|-------------------|
| 69450 | 6 mm x 1 m (0.24" x 3.3') | 3.5 oz. (99.2 g) |
| 69451 | 6 mm x 2 m (0.24" x 6.6') | 5.5 oz. (155.9 g) |

17 mm Borescope Camera



69454

- Bright LED worklight.
- IP67 gooseneck design for greater control and positioning.

| Cat. No. | Dimensions | Weight |
|----------|----------------------------|-------------------|
| 69454 | 17 mm x 1 m (0.67" x 3.3') | 9.5 oz. (269.3 g) |

1 Meter Borescope Camera Extension

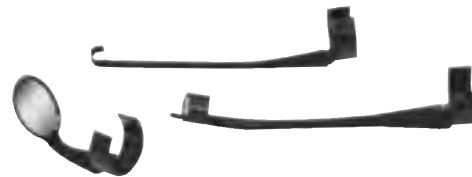


69455

- Extends the reach of 17 mm borescope cameras.
- Up to two extensions may be used with 17 mm camera without loss of video quality (3 m / 9.9 ft.).
- Maximum of four extensions plus camera.
- Compatible with smaller diameter cameras.

| Cat. No. | Dimensions | Weight |
|----------|----------------------------|-------------------|
| 69455 | 17 mm x 1 m (0.67" x 3.3') | 9.3 oz. (263.7 g) |

Borescope Attachment Tools



69457

- Compatible with 17 mm diameter camera.

| Cat. No. | Set Contains | Weight |
|-------------|--------------------------|------------------|
| 69457 | | 0.4 oz. (11.3 g) |
| Description | | Overall Length |
| | mirror camera attachment | 1.625" (44.3 mm) |
| | hook camera attachment | 3.00" (76.2 mm) |
| | magnet camera attachment | 3.25" (82.6 mm) |

All dimensions are in inches and (millimeters).



Test & Measurement Line Accessories

Line Splitter

- Assists in measuring the current draw of a connected load up to 15A without splitting the load's power cord.
- Voltmeter input jacks.
- Provides X10 mode and X1 mode.
- Designed for use with Klein Tools Test & Measurement Line (CL100, CL200, CL1000, CL1200, CL1300, CL2000, CL2200, CL2300, CL2500, CL3200).
- Works with many other manufacturers' clamp meters.

⚠WARNINGS:

- Do NOT use with loads greater than 15A.
- Risk of electric shock and burn. Contact with live circuits could result in death or serious injury.
- Do not use if line splitter appears damaged. If in doubt, replace line splitter. Do NOT use line splitter if wet. For indoors use only.

| Cat. No. | Overall Length | Width | Weight |
|----------|----------------|---------------|--------------------------------|
| 69400 | 6.2" (157 mm) | 2.2" (558 mm) | 3.9 oz. (110.6 g) w/ batteries |



69400

Magnetic Hanger

- For use with multimeters MM1000, MM1300, MM2000, MM2300, MM5000 and MM6000.
- Clips securely into back of rubber boot.
- Strong magnet attaches securely to metal surfaces for hands-free use.

| Cat. No. | Description | Weight |
|----------|---|------------------|
| 69190 | magnetic hanger for electrician's multimeters | 1.1 oz. (31.2 g) |



69190



Test & Measurement Line Accessories

Tradesman Pro™ Carrying Cases

NEW!



Made in USA of US and imported parts.

- Two layers of padding protect even delicate instruments.
- Heavy-duty zipper and rugged PVC coated polyester for durability.
- One interior and one exterior pocket for quick access and organization.
- Sturdy handle with box stitching for secure transportation and convenient hanging.
- Constructed of 1680d ballistic weave.
- Cat. Nos. 69406 and 69407 recommended for meters, testers, infrared guns and small tools.
- Cat. No. 69408 is recommended for meters, testers, borescopes, infrared guns and tools.

| Cat. No. | Pockets | Width | Height | Depth | Weight |
|----------|---------|----------------|-----------------|---------------|---------------------|
| 69406 | 1 | 4.50" (114 mm) | 9.25" (235 mm) | 2.25" (57 mm) | 0.38 lbs. (0.17 kg) |
| 69407 | 2 | 6.00" (152 mm) | 10.25" (260 mm) | 2.25" (57 mm) | 0.53 lbs. (0.24 kg) |
| 69408 | 2 | 7.00" (178 mm) | 10.25" (260 mm) | 2.25" (57 mm) | 0.66 lbs. (0.30 kg) |

Carrying Case

- Constructed of 600 Denier nylon with a heavy-duty PVC zipper and zinc alloy zipper tag.
- Convenient storage for most Klein test and measurement products.



69401

| Cat. No. | Overall Size | Weight |
|----------|---|------------------|
| 69401 | 3-1/2" (89 mm) W x 9-1/2" (235 mm) H x 2 (50 mm)" D | 2.5 oz. (70.9 g) |

All dimensions are in inches and (millimeters).



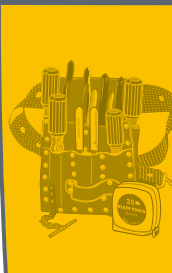
Tool Sets

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



80141

| 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-Drive® |
| 93125 | 25' x 1" tape measure with 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 |
| 44133 | Klein-Kurve® heavy-duty utility knife – quick change retractable blade |
| 46037 | cable-splicer's kit |
| 56003 | Steel 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.



Tool Sets

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 |
|----------|--|
| 93025 | 25' x 1" tape measure |
| 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.

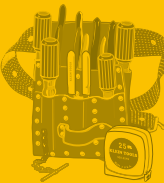
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Tool Sets

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® |
| 93125 | 25' x 1" tape measure with 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.

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▲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

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® |
| 93025 | 25' x 1" tape measure |
| 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.

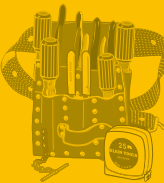
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▲WARNING: Do NOT use screwdrivers to pry or chisel.

▲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 |
| 93275 | metric/english tape measure with magnetic tip |
| 603-4 | No. 2 profilated Phillips tip screwdriver – 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 | 18 Pocket Tool Pouch |
| 5705 | Powerline™ web work belt |

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