CATALOG 162



Electrical • Data Com • HVAC • Plumbing • Telecom • Utility

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WHAT'S NEW for 2019



Hybrid Pliers with Crimper
pg. 11

Refrigeration Wrench Hex Adapter
pg. 84, 222



Large Cable Strippers
pg. 24



Stripper/Crimper/Cutter
pg. 25



Multi-Nut Driver
pg. 67



XXL Mobile Phone Holder
pg. 129, 144



Fish & Glow Rod Kit and Accessories
pg. 107-108



Magnetic Wristband
pg. 129



24" Bubble Level with Adjustable Vial
pg. 100



Padded Leather, Quick Release Belts
pg. 149





9 qt. Cooler
pg. 127

Bolt Bag with Drain Holes
pg. 136



Lineman's Duffel Bag
pg. 159



TRADESMAN PRO™ Tool Master Backpack
pg. 151



Coax Pocket Continuity Tester
pg. 183



Extended Reach Compression Crimper
pg. 174



VDV Installation Kits
pg. 180, 182



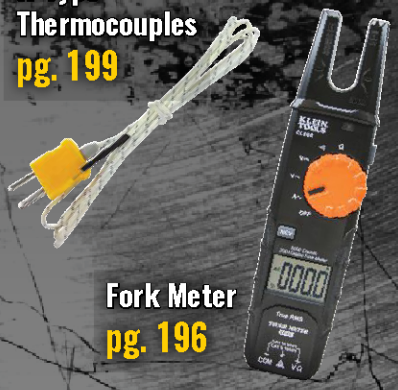
Compact Pass-Thru™ Crimper
pg. 176



Clamp Meters
pg. 194

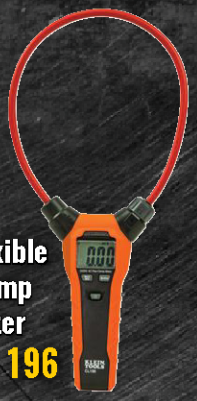


K-Type Thermocouples
pg. 199



Fork Meter
pg. 196

Flexible Clamp Meter
pg. 196



Electronic Voltage Tester
pg. 201



USB Meters
pg. 204



20:1 Dual Laser Infrared Thermometer
pg. 207



Folding Jab Saw
pg. 235



Clamping Worklight
pg. 215



Dual IR/Probe Thermometer
pg. 206



Rechargeable Auto-Off Headlamp
pg. 214



Assisted-Open Pocket Knives
pg. 237



Vinyl Aerial Apron
pg. 254



Hybrid Plier Multi-Tool
pg. 241



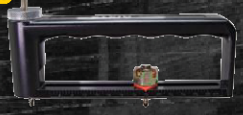
Wire Pulling Grips
pg. 275-276



Battery-Operated Tools with 4 AMP Batteries
pg. 282-284



Hole Cutter
pg. 220



Vinyl Load Rated Bucket
pg. 250



Aviation Snips with Wire Cutters
pg. 217



Sheet Metal Tools
pg. 218-219



KLEIN TOOLS

Table of Contents

Klein Pliers ..... Pages 5–22

Strippers, Cutters & Crimpers ..... Pages 23-29

Cable & Bolt Cutters ..... Pages 30-36

Insulated Tools ..... Pages 37-47

Screwdrivers, Nut Drivers & Accessories ..... Pages 48-73

Wrenches ..... Pages 74-88

Hex-Key Wrenches ..... Pages 89-96

Levels & Measuring Tools ..... Pages 97-102

Wire Pulling and Conduit Tools ..... Pages 103-115

Personal Protective Equipment & Safety Products ..... Pages 116-125

Jobsite Accessories ..... Pages 126-129

Tool Pouches, Carriers, Belts & Suspenders ..... Pages 130-149

Tool Bags & Storage ..... Pages 150-166

Tool Kits ..... Pages 167-171

Voice/Data/Video Tools, Test Tools, Kits & Connectors ..... Pages 172-192

Test & Measurement Tools ..... Pages 193-211

Illumination ..... Pages 212-215

Sheet Metal Tools/HVAC ..... Pages 216-223

Holemaking Products & Accessories ..... Pages 224-231

Saws & Blades ..... Pages 232-235

Knives & Cutting Tools ..... Pages 236-248

Lineman Buckets & Accessories ..... Pages 249-254

Block & Tackle ..... Pages 255-259

Wire Pulling Grips ..... Pages 260-280

Battery-Operated Tools ..... Pages 281-284

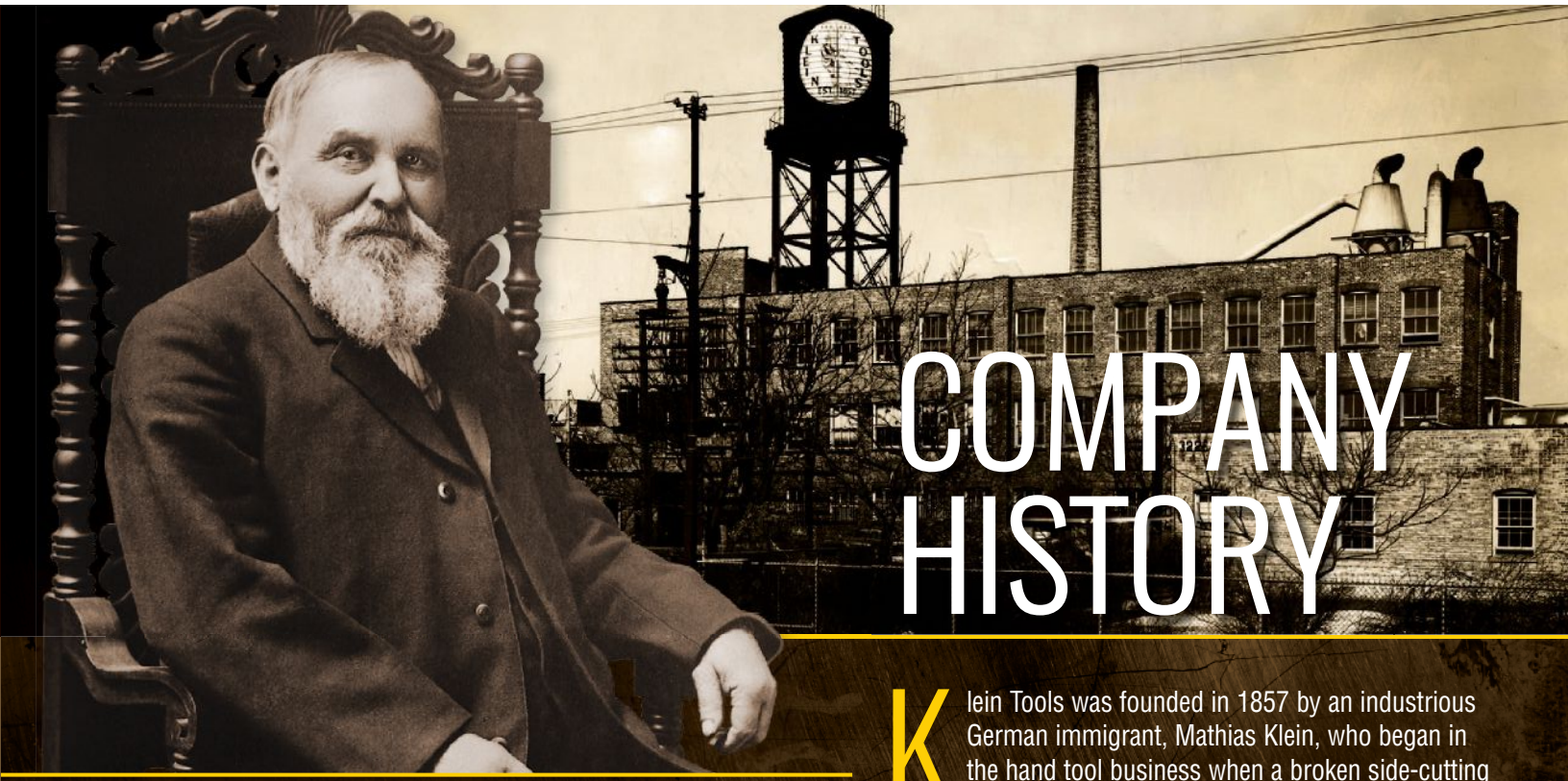
Hammers, Chisels & Punches ..... Pages 285-290

Steel & Concrete Construction/ Work@Height Tools ..... Pages 291-296

Warnings & Warranty ..... Pages 297-298

Alphabetical & Numeric Indexes ..... Pages 299-320

Please visit www.kleintools.com for downloadable color product images and PDF formatted Klein Tools Catalogs.



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

Klein Tools continues to expand domestically and internationally to provide quality products to professionals all over the world.





COMMITTED TO AMERICAN MANUFACTURING

FOR OVER 160 YEARS

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

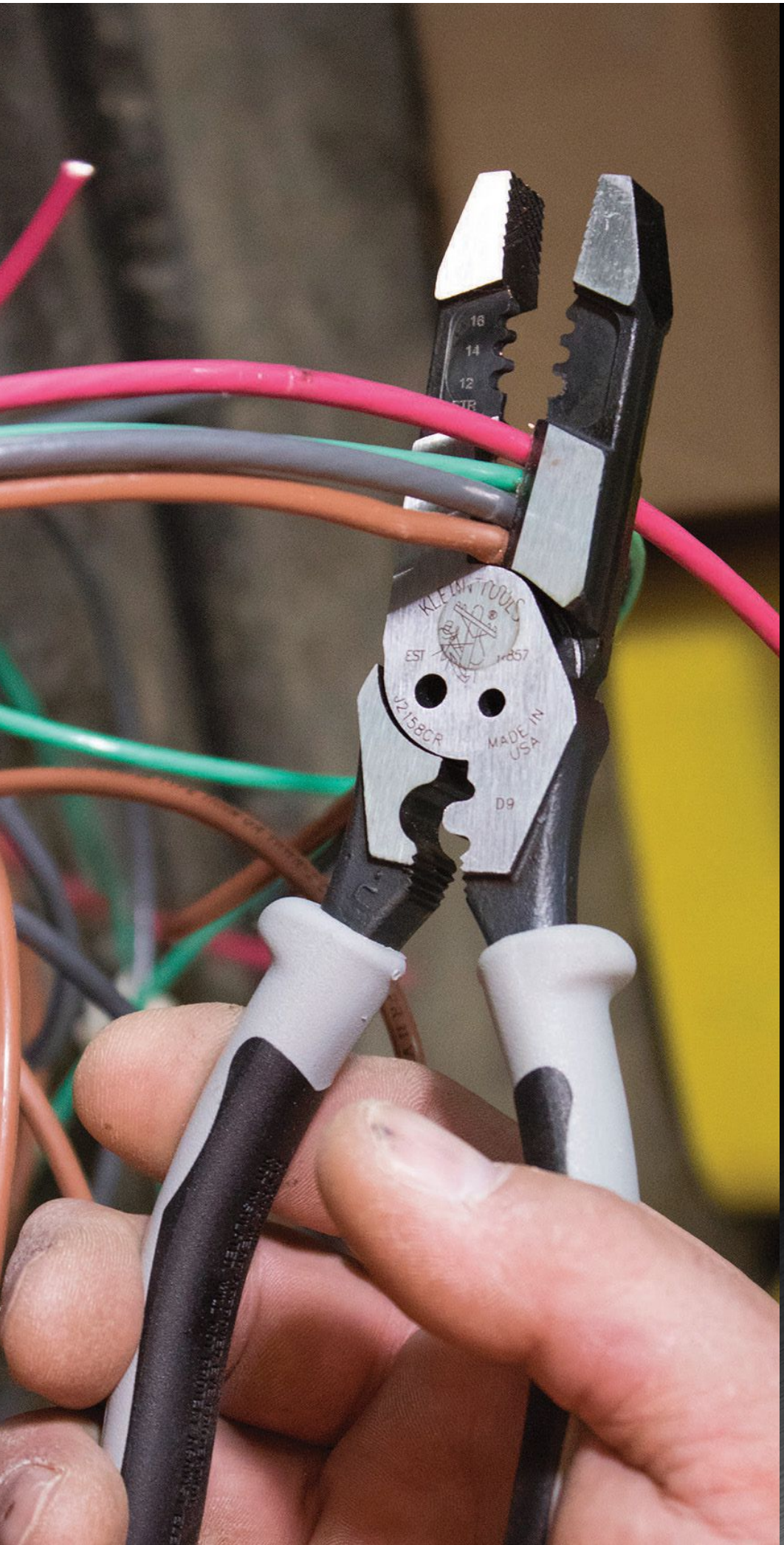
These days, it can be hard to find companies that make products you can count on. But that's exactly what you'll get from Klein Tools. We don't just make great products, we make great products that stand up to the demands of the professionals who use them everyday. Because our standards are as high as yours, we demand that every one of our hand tools delivers all the performance, durability and precision that you need to get the job done right. And by using only the highest quality materials, superior workmanship, and keeping our manufacturing as close to home as we can, we're able to uphold those rigorous standards.

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

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

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





Klein Pliers

Klein specializes in the making of the world's finest pliers... pliers that professionals have trusted for more than 160 years. Klein pliers feel right and work right. They are job-matched for every kind of work you do; designed and built with exceptional quality standards in a tradition that dates back to 1857.

For Professionals...
Since 1857™

Introduction – Pliers

Klein Quality

Klein pliers are made of the finest U.S. steel alloy. 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 and hot riveted for uniformly smooth opening and closing action. Cutting knives are manufactured for long-lasting edges and are designed to perfectly align and 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 or break them. Use a stronger, blunt-nose pliers. When you need greater leverage, use pliers with greater leverage. Don't extend the length of the pliers handles. Bolts should be cut with a bolt cutter, and large cable with a cable cutter.

3. Never expose pliers to excessive heat. Direct flame on metal can ruin the tool. Cutting pliers are especially vulnerable to high, direct heat.

4. Never cut hardened wire with ordinary pliers. Pliers should not be used for cutting hardened wire unless they are specifically recommended for this use.

5. Never rock pliers from side to side when cutting wire…and never bend the wire back and forth against the cutting knives. Either practice can dull or nick the cutting edges. Cut wire at a right angle only. If it won't cut readily, the knives may need sharpening, or you may need pliers with greater leverage.

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

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

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

Pliers Catalog Number Prefixes/Suffixes

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

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

"J" (Prefix) – Indicates the pliers have state-of-the-art dual material molded Journeyman™ handles for a softer, more comfortable grip on the outer surface and a harder, more durable grip on the inner surface and handle ends, NOT for protection against electrical shock.

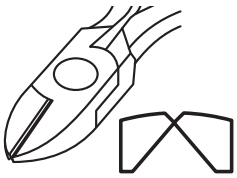
"C" (Suffix) – Indicates the pliers have a coil spring in the handles for self-opening action.

Pliers Cutting Edges

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

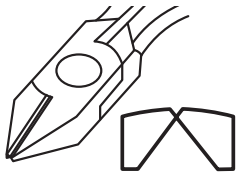
Standard Cutting Edges

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



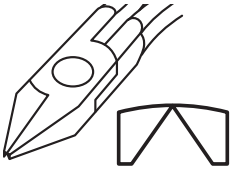
Semi-Flush Cutting Edges

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



Full-Flush Cutting Edges

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



See page 297 for additional information on warnings.

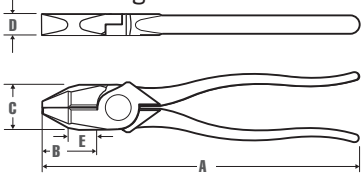
Introduction – Pliers

Pliers Dimensions

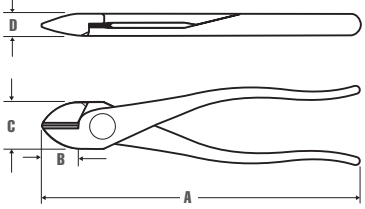
All Klein pliers are listed with necessary dimensions in both inches and millimeters. The following drawings of six basic types of pliers are keyed by letter to the dimensions given for each pliers listed. All dimensions are subject to commercial tolerances.

A – Overall Length	**D** – Jaw Thickness
B – Jaw Length	**E** – Knife Length
C – Jaw Width	**F** – Point Thickness

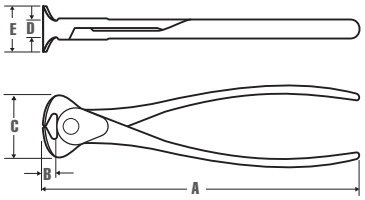
1. Side-Cutting Pliers



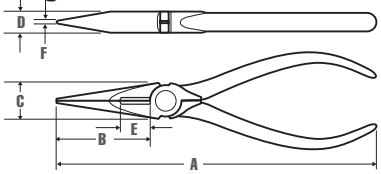
2. Diagonal-Cutting Pliers



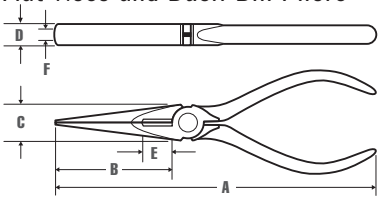
3. End Cutting Pliers



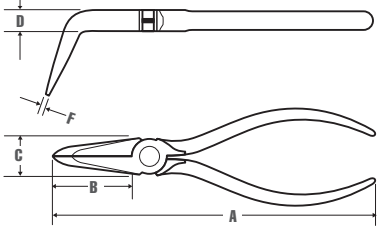
4. Long-Nose Pliers



5. Flat-Nose and Duck-Bill 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.

JOURNEYMAN™

MADE IN USA

State-of-the-art dual material molding process

Innovative dual material grips are more comfortable and last longer than other handles.



Hard, black material for toughness and durability

Contoured thumb area for additional comfort and positive feel

Soft material on outer surface for comfort and a firm grip

US Patent: D468988

AVAILABLE ON KLEIN SIDE-CUTTING PLIERS | DIAGONAL-CUTTING PLIERS | LONG-NOSE PLIERS | SNIPS

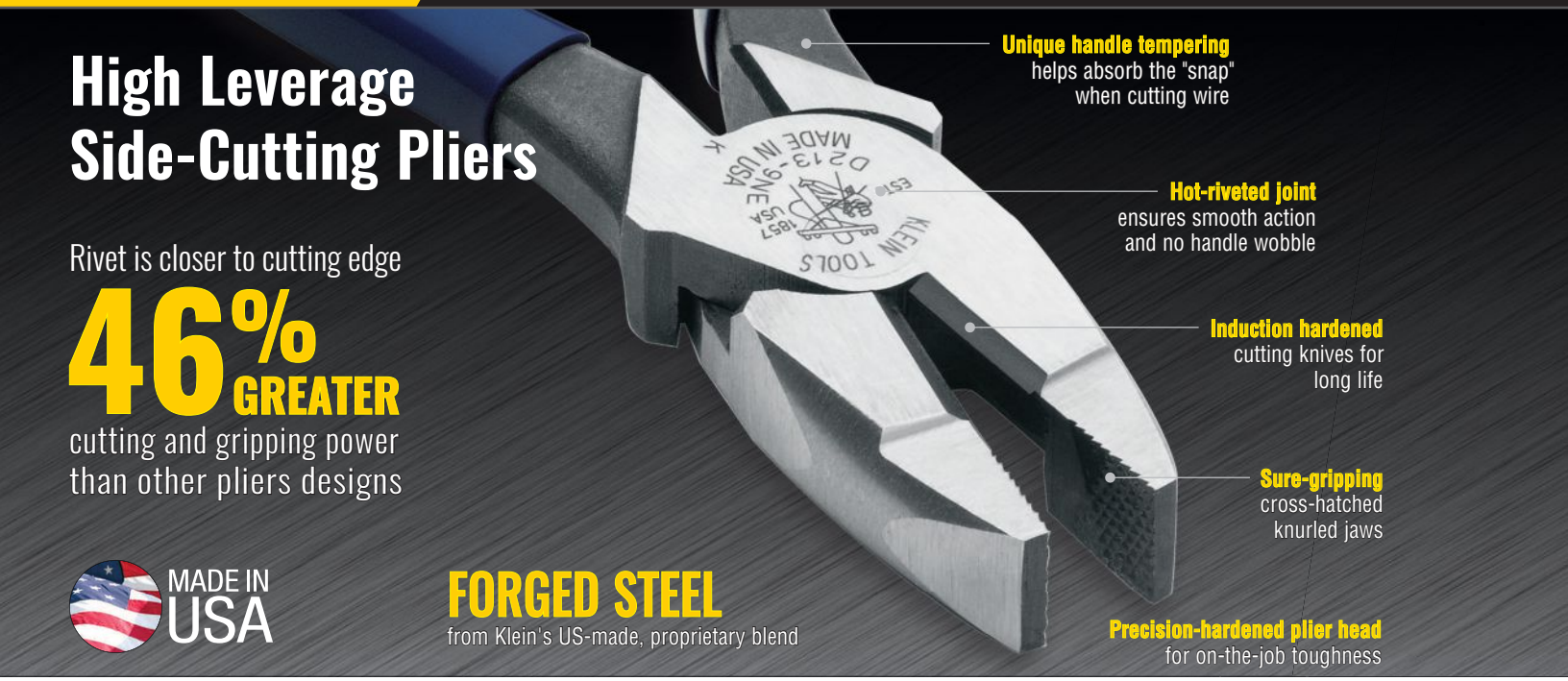
See page 297 for additional information on warnings.

High Leverage Side-Cutting Pliers

Rivet is closer to cutting edge

46% GREATER

cutting and gripping power than other pliers designs



MADE IN USA

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

Lineman's Pliers

Includes core high-leverage side-cutting features plus:

- Combination polished and black-oxide finish
- New England nose (Cat. No. J20008 has New England Tapered nose; Cat. No. D213-9 has Square nose)
- Glow in the dark grips are easily spotted in dark or low lit areas (Cat. No. D2000-9NEGLW)



D213-9NE



SPLIT TETHER RING
FOR USE WITH TETHER
D213-9NETT



Plain



Plastic-Dipped



JOURNEYMAN™ Dual-Material



Heavy, Plastic-Dipped

Refer to the insulated section for insulated pliers.

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
213-9NE	9.25" (235 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Black	Plain	1.1 lb (0.5 kg)
D213-9	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	1-19/32" (40.5 mm)	0.781" (19.8 mm)	Dark Blue	Plastic-Dipped	1.1 lb (0.5 kg)
D213-8NE	8.688" (220.7 mm)	1.438" (36.5 mm)	1.188" (30.2 mm)	5/8" (15.9 mm)	0.719" (18.3 mm)	Dark Blue	Plastic-Dipped	0.90 lb (0.41 kg)
D213-9NE	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Dark Blue	Plastic Dipped	1.1 lb (0.5 kg)
D213-9NETT	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	1-19/32" (40.5 mm)	0.781" (19.8 mm)	Dark Blue	Plastic Dipped	1.1 lb (0.5 kg)
HD213-9NE	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Red	Heavy Plastic-Dipped	1.2 lb (0.5 kg)
J2138NE	8.813" (223.9 mm)	1.438" (36.5 mm)	1.188" (30.2 mm)	5/8" (15.9 mm)	0.719" (18.3 mm)	Dark Blue/Black	Journeyman	0.97 lb (0.44 kg)
J213-9NE	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Dark Blue/Black	Journeyman	1.1 lb (0.5 kg)
Pliers with heavy-duty cutting knives designed to cut ACSR, screws, nails and most hardened wire								
D2000-7	7.875" (200 mm)	1.281" (32.5 mm)	1.031" (26.2 mm)	1/2" (12.7 mm)	0.75" (19.1 mm)	Light Blue	Plastic-Dipped	0.66 lb (0.30 kg)
D2000-8	8.688" (220.7 mm)	1.438" (36.5 mm)	1.109" (28.2 mm)	5/8" (15.9 mm)	0.75" (19.1 mm)	Light Blue	Plastic-Dipped	0.85 lb (0.39 kg)
D2000-9NE	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue	Plastic-Dipped	1.1 lb (0.5 kg)
D20009NEGLW	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Glow in the Dark	Plastic-Dipped	1.1 lb (0.5 kg)
HD2000-9NE	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Red	Heavy Plastic-Dipped	1.2 lb (0.5 kg)
J20008	8.813" (223.9 mm)	1.438" (36.5 mm)	1.109" (28.2 mm)	5/8" (15.9 mm)	0.75" (19.1 mm)	Light Blue/Black	Journeyman	0.93 lb (0.42 kg)
J2000-9NE	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue/Black	Journeyman	1.1 lb (0.5 kg)

High-Leverage Side-Cutting Pliers

Fish Tape Pulling Pliers

Includes core high-leverage side-cutting features plus:

- Easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape
- Crimps non-insulated connectors, lugs, and terminals (Cat. No. J2000-9NECRTP)



D213-9NETP



Plastic-Dipped



JOURNEYMAN™
Dual-Material

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
D213-9NETP	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Dark Blue	Plastic-Dipped	1.1 lb (0.5 kg)
J213-9NETP	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Dark Blue/Black	Journeyman	1.1 lb (0.5 kg)
Pliers with heavy-duty cutting knives designed to cut ACSR, screws, nails and most hardened wire								
D2000-9NETP	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue	Plastic-Dipped	1.1 lb (0.5 kg)
J2000-9NETP	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue/Black	Journeyman	1.1 lb (0.5 kg)
J2000-9NECRTP	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	1-19/32" (40.5 mm)	0.781" (19.8 mm)	Blue/Black	Journeyman	1.1 lb (0.5 kg)

Bolt-Thread Holding Pliers

Includes core high-leverage side-cutting features plus:

- Hinge opening holds and cleans 5/8" pole line and hardware bolts or threaded rods



D213-9NETH



Plastic-Dipped



Heavy,
Plastic-Dipped

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
D213-9NETH	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Dark Blue	Plastic-Dipped	1.1 lb (0.5 kg)
HD213-9NETH	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Red	Heavy Plastic-Dipped	1.2 lb (0.5 kg)
Pliers with heavy-duty cutting knives designed to cut ACSR, screws, nails and most hardened wire								
D2000-9NETH	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue	Plastic-Dipped	1.2 lb (0.5 kg)

Connector Crimping Pliers

Includes core high-leverage side-cutting features plus:

- Crimps non-insulated connectors, lugs and terminals
- Cleanly strips 10-12 AWG solid wire and 12-14 AWG stranded wire (Cat. No. J2139NECRN)



WIRE STRIPPING HEAD
J213-9NECRN



D213-9NECR



Plastic-Dipped



JOURNEYMAN™
Dual-Material

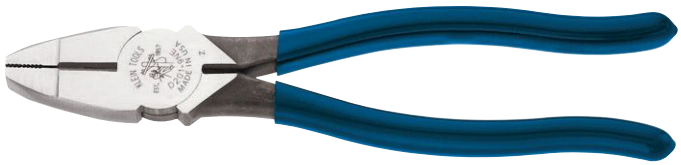
Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
D213-9NE-CR	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Yellow	Plastic-Dipped	1.0 lb (0.5 kg)
J213-9NECR	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Yellow/Black	Journeyman	1.1 lb (0.5 kg)
J2139NECRN	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Yellow/Black	Journeyman	1.1 lb (0.5 kg)
Pliers with heavy-duty cutting knives designed to cut ACSR, screws, nails and most hardened wire								
D2000-9NECR	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue	Plastic-Dipped	1.1 lb (0.5 kg)
J2000-9NECR	9.5" (241.3 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue/Black	Journeyman	1.1 lb (0.5 kg)

See page 297 for additional information on warnings.

Side-Cutting Pliers

Side-Cutting Pliers

- J20017NE features Journeyman™ Series dual-material handles



D201-9NE



Plastic-Dipped



JOURNEYMAN™
Dual-Material

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
D201-8	8.688" (220.7 mm)	1.438" (36.5 mm)	1.219" (31 mm)	5/8" (15.9 mm)	0.719" (18.3 mm)	Dark Blue	Plastic-Dipped	0.93 lb (0.42 kg)
D201-7NE	7.438" (188.9 mm)	1.281" (32.5 mm)	1.063" (27 mm)	1/2" (12.7 mm)	0.625" (15.9 mm)	Dark Blue	Plastic-Dipped	0.55 lb (0.25 kg)
D201-8NE	8.688" (220.7 mm)	1.438" (36.5 mm)	1.188" (30.2 mm)	5/8" (15.9 mm)	0.719" (18.3 mm)	Dark Blue	Plastic-Dipped	0.92 lb (0.42 kg)
J20017NE	7.563" (192.1 mm)	1.281" (32.5 mm)	1.063" (27 mm)	1-9/32" (32.5 mm)	0.625" (15.9 mm)	Light Blue/Black	Journeyman	0.61 lb (0.28 kg)

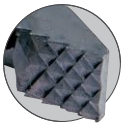
Ironworker's Pliers

- 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 pliers designs (Cat. Nos. 213-9ST, D213-9ST and D20009ST)
- Hook bend handle
- Spring-loaded action for self-opening
- Heavy-duty knurled jaws (Cat. Nos. D201-7CSTA, D213-9STT, 213-9ST, D213-9ST and D2000-9ST)



SPLIT TETHER RING
FOR USE WITH TETHER
D201-7CSTT
D213-9STT





DEEPER CHANNELS
ON KNURL
D201-7CSTA

D201-7CSTA



Plain



Plastic-Dipped

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
201-7CST	9.125" (231.8 mm)	1.281" (32.5 mm)	1.156" (29.4 mm)	1/2" (12.7 mm)	0.625" (15.9 mm)	Black	Plain	0.65 lb (0.29 kg)
D201-7CST	9.25" (235 mm)	1.281" (32.5 mm)	1.156" (29.4 mm)	1/2" (12.7 mm)	0.625" (15.9 mm)	Blue	Plastic	0.75 lb (0.34 kg)
D201-7CSTA	9.25" (235 mm)	1.281" (32.5 mm)	1.156" (29.4 mm)	1-9/32" (32.5 mm)	0.625" (15.9 mm)	Red	Plastic	0.75 lb (0.34 kg)
D201-7CSTT	9" (228.6 mm)	1.5" (38.1 mm)	1.25" (31.8 mm)	1-1/2" (38.1 mm)	0.625" (15.9 mm)	Blue	Plastic	0.68 lb (0.31 kg)
213-9ST	9.25" (235 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Black	Plain	1.0 lb (0.5 kg)
D213-9ST	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Blue	Plastic	1.1 lb (0.5 kg)
D213-9STT	9.375" (238.1 mm)	2" (50.8 mm)	1.25" (31.8 mm)	2" (50.8 mm)	0.781" (19.8 mm)	Blue	Plastic	1.1 lb (0.5 kg)
Pliers with heavy-duty cutting knives designed to cut ACSR, screws, nails and most hardened wire								
D2000-7CST	9.25" (235 mm)	1.281" (32.5 mm)	1.156" (29.4 mm)	1/2" (12.7 mm)	0.625" (15.9 mm)	Blue	Plastic	0.70 lb (0.32 kg)
D2000-9ST	9.375" (238.1 mm)	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Blue	Plastic Dipped	1.1 lb (0.5 kg)

Multifunction Pliers

Hybrid Pliers with Crimper

- Multi-purpose tool saves time and lessens the tool count
- Strips 10-14 AWG solid and 12-16 AWG stranded wire with 6-32 and 8-32 bolt shearing
- Crimps non-insulated connectors, lugs and terminals
- High-leverage design for more cutting power
- Wide knurled head easily grabs and twists wires



J215-8CR



	Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
NEW	J215-8CR	8" (203.2 mm)	2" (50.8 mm)	0.5" (12.7 mm)	0.5" (12.7 mm)	0.75" (19.05 mm)	Gray/Black	Journeyman	.062 lb (.028 kg)

High-Leverage Combination Pliers

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



12098



Plastic-Dipped



JOURNEYMAN™ Dual-Material

Refer to the insulated section for insulated pliers.

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
12098	8.625" (219.1 mm)	1.781" (45.2 mm)	1.031" (26.2 mm)	17/32" (13.5 mm)	0.75" (19.1 mm)	Dark Blue	Plastic-Dipped	0.72 lb (0.33 kg)
J12098	8.75" (222.3 mm)	1.781" (45.2 mm)	1.031" (26.2 mm)	17/32" (13.5 mm)	0.75" (19.1 mm)	Dark Blue/Black	Journeyman	0.82 lb (0.37 kg)

See page 297 for additional information on warnings.

High Leverage Diagonal-Cutting Pliers

Rivet is closer to cutting edge

36% GREATER

cutting and gripping power than other pliers designs

MADE IN USA

FORGED STEEL

from Klein's US-made, proprietary blend



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

Diagonal-Cutting Pliers

Includes core high-leverage diagonal-cutting features plus:

- Glow in the dark grips are easily spotted in dark or low lit areas (Cat. Nos. Cat. No. D2000-28GLW and D248-8GLW)



D2000-28



Plastic-Dipped



SPLIT TETHER RING
FOR USE WITH TETHER
D228-8TT



JOURNEYMAN™
Dual-Material

Refer to the insulated section for insulated pliers.

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D228-7	7.125" (181 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Red	Plastic Dipped	0.54 lb (0.24 kg)
D228-8	8.063" (204.8 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Red	Plastic Dipped	0.60 lb (0.27 kg)
D228-8TT	8" (203.2 mm)	1" (25.4 mm)	1.25" (31.8 mm)	1" (25.4 mm)	Standard	Red	Plastic Dipped	0.68 lb (0.31 kg)
J228-8	8.125" (206.4 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Red/Black	Journeyman	0.67 lb (0.30 kg)
Pliers with heavy-duty cutting knives designed to cut ACSR, screws, nails and most hardened wire								
D2000-28	8.063" (204.8 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Light Blue	Plastic Dipped	0.60 lb (0.27 kg)
D200028GLW	8.063" (204.8 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Glow in the Dark	Plastic Dipped	0.60 lb (0.27 kg)
J2000-28	8.125" (206.4 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Light Blue/Black	Journeyman	0.67 lb (0.30 kg)

Heavy-Duty Diagonal-Cutting Pliers

Includes core high-leverage diagonal-cutting features plus:

- Extra-long cutting blades provide greater cutting ability
- Beefier, more reinforced head lasts longer than standard diagonal-cutters
- 2000 series heavy-duty cutting knives cut ACSR, screws, nails and most hardened wire
- Angled blade design for easier access to cut screws and bolts
- High-leverage design has 46% more cutting power
- Dual-material handles provide better grip and added comfort



J2000-59

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
J2000-59	9" (228.6 mm)	1.25" (31.8 mm)	1.203" (30.6 mm)	5/8" (15.9 mm)	Standard	Blue/Black	Journeyman	1.0 lb (0.5 kg)

See page 297 for additional information on warnings.

High-Leverage Diagonal-Cutting Pliers

Angled Head Diagonal Cutting Pliers

Includes core high-leverage diagonal-cutting features plus:

- Angled head design for easy work in confined spaces
- Glow in the dark grips are easily spotted in dark or low lit areas (Cat. No. D248-8GLW)



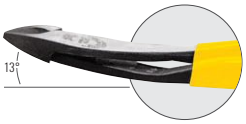
D2000-49



Plastic-Dipped



JOURNEYMAN™
Dual-Material



ANGLED HEAD PROFILE

Refer to the insulated section for insulated pliers.

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D238-8	8.063" (204.8 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Semi-Flush	Red	Plastic-Dipped	0.59 lb (0.27 kg)
D248-8	8.063" (204.8 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.60 lb (0.27 kg)
D248-8-GLW	8.063" (204.8 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Glow in the Dark	Plastic-Dipped	0.60 lb (0.27 kg)
J248-8	8.125" (206.4 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Red/Black	Journeyman	0.61 lb (0.28 kg)
Pliers with heavy-duty cutting knives designed to cut ACSR, screws, nails and most hardened wire								
D2000-48	8" (203.2 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Blue	Plastic Dipped	0.60 lb (0.27 kg)
D2000-49	9" (228.6 mm)	0.813" (20.7 mm)	1.25" (31.8 mm)	13/16" (20.6 mm)	Standard	Yellow	Plastic Dipped	0.64 lb (0.29 kg)
J2000-48	8.125" (206.4 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Light Blue/Black	Journeyman	0.61 lb (0.28 kg)

Ironworker's Diagonal-Cutting Pliers

Includes core high-leverage diagonal-cutting features plus:

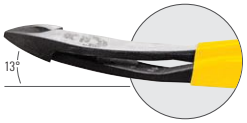
- Angled head design for easy working in confined spaces
- Hooked handle for improved grip



D248-9STT



SPLIT TETHER RING FOR USE WITH TETHER D248-9STT



ANGLED HEAD PROFILE

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D248-9ST	9.188" (233.4 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Red	Plastic Dipped	0.68 lb (0.31 kg)
D248-9STT	9" (228.6 mm)	1" (25.4 mm)	1.25" (31.8 mm)	1" (25.4 mm)	Standard	Red	Plastic Dipped	0.68 lb (0.31 kg)

Diagonal-Cutting Pliers with Stripping Holes

Includes core high-leverage diagonal-cutting features plus:

- Cleanly strips 12-14 AWG solid wire



D243-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D243-8	8.063" (204.8 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.60 lb (0.27 kg)

See page 297 for additional information on warnings.

Diagonal-Cutting Pliers

Heavy-Duty Diagonal-Cutting Pliers - Tapered Nose

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



D220-7

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D220-7	7.688" (195.3 mm)	1" (25.4 mm)	0.969" (24.6 mm)	1" (25.4 mm)	Standard	Red	Plastic-Dipped	0.54 lb (0.24 kg)
D252-6	6.125" (155.6 mm)	0.813" (20.7 mm)	0.75" (19.1 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.38 lb (0.17 kg)
Bell System Type "W" Notches - Slits insulation cleanly								
D252-6SW	6.125" (155.6 mm)	0.813" (20.7 mm)	0.75" (19.1 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.33 lb (0.15 kg)

Standard Diagonal-Cutting Pliers

- Tapered nose for easy working in confined areas and close tip cutting
- Trims plastic or printed circuit boards (Cat. D210-6C)
- Cleanly strips 16 AWG solid wire (Cat. No. D240-6)



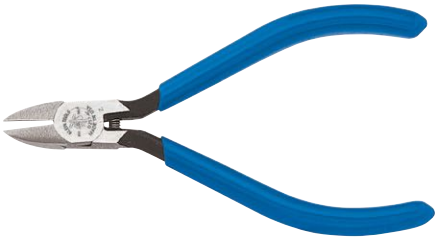
D245-5

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D202-6	6.125" (155.6 mm)	0.813" (20.7 mm)	0.688" (17.5 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.29 lb (0.13 kg)
D202-6C	6.125" (155.6 mm)	0.813" (20.7 mm)	0.688" (17.5 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.31 lb (0.14 kg)
D245-5	5.063" (128.6 mm)	0.688" (17.5 mm)	0.563" (14.3 mm)	11/16" (17.5 mm)	Standard	Red	Plastic-Dipped	0.20 lb (0.09 kg)
D210-6C	6.125" (155.6 mm)	0.813" (20.7 mm)	0.688" (17.5 mm)	13/16" (20.6 mm)	Semi-Flush	Red	Plastic-Dipped	0.29 lb (0.13 kg)
D240-6	6.125" (155.6 mm)	0.813" (20.7 mm)	0.688" (17.5 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.30 lb (0.14 kg)
Bell-System Type "W" & "V" Notches - For quick insulation slitting								
D528V	5.813" (147.7 mm)	0.813" (20.7 mm)	0.563" (14.3 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.20 lb (0.09 kg)
Telephone Type D-6 "V" Notches - For quick insulation slitting and includes.030" and .045" stripping holes								
72192	6.125" (155.6 mm)	0.813" (20.7 mm)	0.75" (19.1 mm)	13/16" (20.6 mm)	Standard	Red	Plastic-Dipped	0.33 lb (0.15 kg)

Electronics Diagonal-Cutting Pliers

Midget Diagonal-Cutting Pliers

- Sharp pointed nose for precise tip cutting
- Tapered nose for easy working in confined areas and close tip cutting (Cat No. D295-4C, D257-4 & D257-4C)
- Spring-loaded for self-opening action (Not available on Cat. No. D257-4)
- Narrow jaw and hinge for delicate work in tight areas (Cat. No. D259-4C & D244-5C)
- Miniature jaw for close-quarter work with maximum visibility (Cat. No. D295-4C)



D257-4C



Tapered Nose Standard Jaw | Tapered Nose Mini Jaw | Pointed Nose Standard Jaw | Pointed Nose Narrow Jaw | Pointed Nose Extra Narrow Jaw

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D209-4C	4.25" (108 mm)	0.5" (12.7 mm)	0.438" (11.1 mm)	1/2" (12.7 mm)	Semi-Flush	Light Blue	Plastic-Dipped	0.13 lb (0.06 kg)
D209-5C	5.063" (128.6 mm)	0.688" (17.5 mm)	0.563" (14.3 mm)	11/16" (17.5 mm)	Semi-Flush	Light Blue	Plastic-Dipped	0.19 lb (0.09 kg)
D244-5C	5.063" (128.6 mm)	0.688" (17.5 mm)	0.5" (12.7 mm)	11/16" (17.5 mm)	Flush	Light Blue	Plastic-Dipped	0.18 lb (0.08 kg)
D259-4C	4.25" (108 mm)	0.5" (12.7 mm)	0.406" (10.3 mm)	1/2" (12.7 mm)	Flush	Light Blue	Plastic-Dipped	0.12 lb (0.05 kg)
D257-4	4.25" (108 mm)	0.5" (12.7 mm)	0.438" (11.1 mm)	1/2" (12.7 mm)	Semi-Flush	Light Blue	Plastic-Dipped	0.12 lb (0.05 kg)
D257-4C	4.25" (108 mm)	0.5" (12.7 mm)	0.438" (11.1 mm)	1/2" (12.7 mm)	Semi-Flush	Light Blue	Plastic-Dipped	0.12 lb (0.05 kg)
D295-4C	4.25" (108 mm)	0.5" (12.7 mm)	0.375" (9.5 mm)	1/2" (12.7 mm)	Flush	Light Blue	Plastic-Dipped	0.11 lb (0.05 kg)

Electronics Diagonal-Cutting Pliers

Midget Diagonal-Cutting Pliers - Nickel Ribbon Wire Cutters

- 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 Color	Handle Finish	Weight
D230-4C	4.25" (108 mm)	0.5" (12.7 mm)	0.438" (11.1 mm)	1/2" (12.7 mm)	Semi-Flush	Light Blue	Plastic-Dipped	0.12 lb (0.05 kg)

Precision Flush Cutter

- Shears wire up to 16 AWG producing a flat, flush cut
- Shear cutting greatly reduces cutting effort and minimizes fly-off
- Molded flared grips for greater tool control
- 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	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D275-5	5" (127.0 mm)	0.45" (11.4 mm)	0.26" (6.6 mm)	0.086" (2.2 mm)	Flush	Red	Plastic	0.11 lb (0.05 kg)

Diagonal-Cutting Specialty Pliers

Plastic-Cutting Pliers

Includes core diagonal-cutting features plus:

- 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

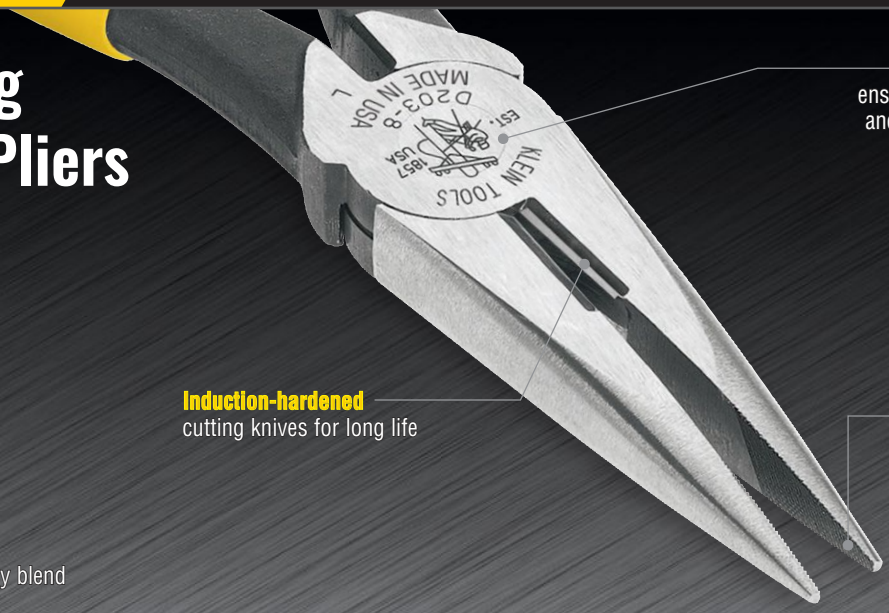


D227-7C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D227-7C	7.688" (195.3 mm)	1" (25.4 mm)	0.969" (24.6 mm)	1" (25.4 mm)	Flush	Red	Plastic-Dipped	0.55 lb (0.25 kg)

See page 297 for additional information on warnings.

Side-Cutting Long-Nose Pliers



Hot-riveted joint
ensures smooth action and no handle wobble

MADE IN USA

Induction-hardened
cutting knives for long life

Slim head design
for working in confined areas

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

All-Purpose Pliers

Includes core features plus:

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



J206-8C



CRIMPING FEATURE
J207-8CR

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Knife Length	Handle Color	Handle Finish	Weight
J206-8C	8.625" (219.1 mm)	2.188" (55.6 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/8" (3.18 mm)	0.5" (12.7 mm)	Yellow/Black	Journeyman	0.60 lb (0.27 kg)
J207-8CR	8.625" (219.1 mm)	2.188" (55.6 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/8" (3.18 mm)	0.5" (12.7 mm)	Yellow/Black	Journeyman	0.60 lb (0.27 kg)

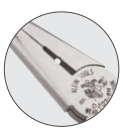
Heavy-Duty Side-Cutting Long-Nose Pliers

Includes core long-nose features plus:

- Heavier design for greater cutting power
- Extended handles provide added reach and greater leverage
- Glow in the dark grips are easily spotted in dark or low lit areas (Cat. No. D2303-8GLW)



D203-8NCR



12 AWG WIRE STRIPPING
D203-8N
J203-8N



12 AWG WIRE STRIPPING AND CRIMPING
D203-8NCR



Plastic-Dipped



JOURNEYMAN™
Dual-Material

Refer to the insulated section for insulated pliers.

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Knife Length	Handle Color	Handle Finish	Weight
D203-8	8.438" (214.3 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/8" (3.18 mm)	0.625" (15.9 mm)	Yellow	Plastic-Dipped	0.60 lb (0.27 kg)
D203-8-GLW	8.438" (214.3 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/8" (3.18 mm)	0.625" (15.9 mm)	Glow in the Dark	Plastic-Dipped	0.60 lb (0.27 kg)
J203-8	8.563" (217.5 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/8" (3.18 mm)	0.625" (15.9 mm)	Yellow/Black	Journeyman	0.63 lb (0.29 kg)
D203-8N	8.438" (214.3 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/8" (3.18 mm)	0.625" (15.9 mm)	Yellow	Plastic-Dipped	0.59 lb (0.27 kg)
J203-8N	8.563" (217.5 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/8" (3.18 mm)	0.625" (15.9 mm)	Yellow/Black	Journeyman	0.64 lb (0.29 kg)
D203-8NCR	8.438" (214.3 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/8" (3.18 mm)	0.625" (15.9 mm)	Yellow	Plastic-Dipped	0.61 lb (0.28 kg)

Side-Cutting Long-Nose Pliers

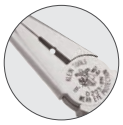
Side-Cutting Long-Nose Pliers

Includes core long-nose features plus:

- Knurled jaws for grabbing and looping wire
- Curved handles provide greater tool control
- Spring-loaded action for self-opening (Cat. Nos. D203-6C, D203-7C)



D203-6C



19 & 22 AWG
WIRE STRIPPING
D203-6H2



Plastic-Dipped



JOURNEYMAN™
Dual-Material

Refer to the insulated section for insulated pliers.

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Knife Length	Handle Color	Handle Finish	Weight
D203-6	6.625" (168.3 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.38 mm)	0.5" (12.7 mm)	Yellow	Plastic-Dipped	0.27 lb (0.12 kg)
D203-6C	6.625" (168.3 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.38 mm)	0.5" (12.7 mm)	Yellow	Plastic-Dipped	0.27 lb (0.12 kg)
D203-7	7.188" (182.6 mm)	2.438" (61.9 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.38 mm)	0.5" (12.7 mm)	Yellow	Plastic-Dipped	0.29 lb (0.13 kg)
D203-7C	7.188" (182.6 mm)	2.438" (61.9 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.38 mm)	0.5" (12.7 mm)	Yellow	Plastic-Dipped	0.29 lb (0.13 kg)
J203-6	6.75" (171.5 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	0.5" (12.7 mm)	Yellow/Black	Journeyman	0.30 lb (0.14 kg)
J203-7	7.313" (185.8 mm)	2.438" (61.9 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	0.5" (12.7 mm)	Yellow/Black	Journeyman	0.33 lb (0.15 kg)
D203-6H2	6.625" (168.3 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	0.5" (12.7 mm)	Yellow	Plastic-Dipped	0.26 lb (0.12 kg)

Long-Nose Pliers

Long-Nose Pliers

- Knurled jaws for grabbing and looping wire
- 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 Diameter	Handle Color	Handle Finish	Weight
D301-6	6.625" (168.3 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.38 mm)	Yellow	Plastic-Dipped	0.29 lb (0.13 kg)
D301-6C	6.625" (168.3 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.38 mm)	Yellow	Plastic-Dipped	0.28 lb (0.13 kg)

Slim Long-Nose Pliers

- 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 Diameter	Handle Color	Handle Finish	Weight
D307-51/2C	5.625" (142.9 mm)	1.688" (42.9 mm)	0.5" (12.7 mm)	5/16" (7.9 mm)	1/32" (.79 mm)	Yellow	Plastic-Dipped	0.15 lb (0.07 kg)
D327-51/2C	5.625" (142.9 mm)	1.688" (42.9 mm)	0.5" (12.7 mm)	5/16" (7.9 mm)	1/16" (1.58 mm)	Dark Blue	Plastic-Dipped	0.15 lb (0.07 kg)

See page 297 for additional information on warnings.

Electronics Long-Nose Pliers

Midget Slim Long-Nose Pliers

- Lightweight, slim-nose pliers for precision subminiature assembly work
- Knurled jaws for grabbing and looping wire
- 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 Diameter	Handle Color	Handle Finish	Weight
D321-41/2C	4.813" (122.3 mm)	1.063" (27 mm)	0.438" (11.1 mm)	1/4" (6.4 mm)	1/32" x 1/16" (.79 mm x 1.58 mm)	Light Blue	Plastic-Dipped	0.13 lb (0.06 kg)
D322-41/2C	4.813" (122.3 mm)	1.063" (27 mm)	0.438" (11.1 mm)	1/4" (6.4 mm)	1/32" x 1/16" (.79 mm x 1.58 mm)	Light Blue	Plastic-Dipped	0.13 lb (0.06 kg)

Long Needle-Nose Pliers

- Designed for accurate work in hard-to-reach areas
- Knurled jaws for grabbing and looping wire
- Spring-loaded for self-opening action
- Curved handles provide greater tool control
- Extra-slim hinge for extremely close quarter work (Cat. No. D355-51/2C)



D310-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Handle Color	Handle Finish	Weight
D310-6C	6.625" (168.3 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	1/16" (1.58 mm)	Yellow	Plastic-Dipped	0.27 lb (0.12 kg)
D318-51/2C	5.625" (142.9 mm)	1.688" (42.9 mm)	0.5" (12.7 mm)	5/16" (7.9 mm)	1/16" (1.58 mm)	Yellow	Plastic-Dipped	0.13 lb (0.06 kg)
D335-51/2C	5.625" (142.9 mm)	1.688" (42.9 mm)	0.469" (11.9 mm)	1/4" (6.4 mm)	1/16" (1.58 mm)	Light Blue	Plastic-Dipped	0.13 lb (0.06 kg)

Curved Long-Nose Pliers

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



D302-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Handle Color	Handle Finish	Weight
D302-6	6.375" (161.9 mm)	1.5" (38.1 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.38 mm)	Yellow	Plastic Dipped	0.30 lb (0.14 kg)

Midget Curved Chain-Nose Pliers

- 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 Diameter	Handle Color	Handle Finish	Weight
D320-41/2C	4.75" (120.7 mm)	1" (25.4 mm)	0.406" (10.3 mm)	1/4" (6.4 mm)	1/16" (1.58 mm)	Light Blue	Plastic-Dipped	0.13 lb (0.06 kg)

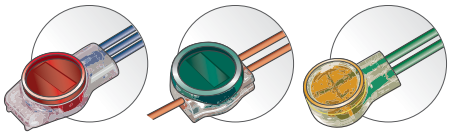
Telecom Pliers

Long-Nose Pliers - Connector Crimping

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



VDV026-049



UR IDC VDV826-605 **UG IDC** **UY IDC** VDV826-604

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Knife Length	Handle Color	Handle Finish	Weight
VDV026-049	6.8" (173 mm)	2" (51 mm)	0.7" (18 mm)	0.4 (10 mm)	0.095" x 0.125" (2.41 mm x 3.17 mm)	0.44" (11 mm)	Yellow	Plastic Dipped	0.28 lb (0.13 kg)

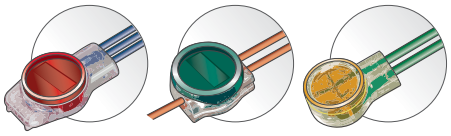
Scotchlok® is a registered trademark of 3M Corporation

Connector Crimping Pliers

- Crimps and seats UR/UY/UG insulation displacement connectors (IDC) - Scotchlok® type connectors
- Curved handles for greater control
- Induction-hardened side-cutting knives for long life
- Spring-loaded action for self-opening (Cat. No. D234-6C)



D234-6



UR IDC VDV826-605 **UG IDC** **UY IDC** VDV826-604

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
D234-6	5.813" (147.7 mm)	1.094" (27.8 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	0.5" (12.7 mm)	Yellow	Plastic Dipped	0.25 lb (0.11 kg)
D234-6C	5.813" (147.7 mm)	1.094" (27.8 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	0.5" (12.7 mm)	Yellow	Plastic Dipped	0.25 lb (0.11 kg)

Scotchlok® is a registered trademark of 3M.

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	Point Diameter	Knife Length	Handle Color	Handle Finish	Weight
D203-6H2	6.625" (168.3 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	0.5" (12.7 mm)	Yellow	Plastic-Dipped	0.26 lb (0.12 kg)

See page 297 for additional information on warnings.

Telecom Long-Nose Pliers

Long-Nose Telephone Work Pliers-Type L1

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



71980

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Knife Length	Handle Color	Handle Finish	Weight
71980	6.625" (168.3 mm)	1.875" (47.6 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	1/16" x 3/32" (1.6 mm x 2.4 mm)	0.5" (12.7 mm)	Yellow	Plastic-Dipped	0.25 lb (0.11 kg)

Long-Nose Telephone Work Pliers - Stripping

- Cleanly strips 22 to 24 AWG wire
- Convenient insulation crushing slot
- Curved handles provide greater tool control



D2291

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Handle Color	Handle Finish	Weight
D2291	6" (152.4 mm)	1.25" (31.8 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	1/16" x 3/32" (1.6 mm x 2.4 mm)	Yellow	Plastic-Dipped	0.25 lb (0.11 kg)

Specialty Pliers

Conduit Locknut and Reaming Pliers

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



D333-8



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Handle Color	Handle Finish	Weight
D333-8	7.75" (196.9 mm)	1.625" (41.3 mm)	0.938" (23.8 mm)	1/2" (12.7 mm)	3/16" (4.8 mm)	Yellow	Plastic-Dipped	0.55 lb (0.25 kg)

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 Color	Handle Finish	Weight
D232-8	8.5" (215.9 mm)	0.375" (9.5 mm)	1.188" (30.2 mm)	3/8" (9.5 mm)	1.188" (30.2 mm)	Red	Plastic-Dipped	0.71 lb (0.32 kg)

Pump Pliers

Klaw™ Pump Pliers

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



D504-10



Cat. No.	Overall Length	Jaw Capacity	Handle Color	Handle Finish	Weight
Quick-Adjust Klaw™ Pump Pliers					
D504-10B	10.125" (257.2 mm)	2-1/8" (54.0 mm)	Yellow	Plastic-Dipped	0.79 lb (0.36 kg)
D504-12B	12.5" (317.5 mm)	2-3/4" (69.9 mm)	Yellow	Plastic-Dipped	1.2 lb (0.5 kg)
Classic Klaw™ Pump Pliers					
D504-7	7.375" (187.3 mm)	1-3/8" (34.9 mm)	Yellow	Plastic-Dipped	0.34 lb (0.15 kg)
D504-10	9.875" (250.8 mm)	2-1/8" (54.0 mm)	Yellow	Plastic-Dipped	0.81 lb (0.37 kg)
D504-12	12" (304.8 mm)	2-3/4" (69.9 mm)	Yellow	Plastic-Dipped	1.4 lb (0.6 kg)

Pump Pliers

- Secure tongue and groove design for non-slip grip - even with heavy pressure
- Wide range of versatile jaw positions
- Quick adjust rivet allows one handed, fast and easy adjustment of plier jaws
- TT Series feature split tether ring for securing tool when working at height


D502-6


SPLIT TETHER RING
FOR USE WITH TETHER
D502-6TT
D502-10TT
D502-12TT


Plastic-Dipped


JOURNEYMAN™
Dual-Material

Cat. No.	Overall Length	Jaw Capacity	Handle Color	Handle Finish	Weight
D502-6	6.5" (165.1 mm)	7/8" (22.2 mm)	Yellow	Plastic-Dipped	0.41 lb (0.19 kg)
D502-6TT	8" (203.2 mm)	7/8" (22.2 mm)	Yellow	Plastic-Dipped	0.41 lb (0.19 kg)
D502-10	10" (254.0 mm)	1-3/4" (44.5 mm)	Yellow	Plastic-Dipped	0.97 lb (0.44 kg)
D502-10TT	11.25" (285.8 mm)	1-3/4" (44.5 mm)	Yellow	Plastic Dipped	0.95 lb (0.43 kg)
D502-12	12.25" (311.2 mm)	2-3/8" (60.3 mm)	Yellow	Plastic-Dipped	1.4 lb (0.6 kg)
D502-12TT	13" (330.2 mm)	2-3/8" (60.3 mm)	Yellow	Plastic Dipped	1.4 lb (0.6 kg)
D502-16	16.25" (412.8 mm)	4-1/4" (108.0 mm)	Yellow	Plastic-Dipped	3.2 lb (1.5 kg)
J502-10	10.25" (260.4 mm)	1-3/4" (44.5 mm)	Yellow/Black	Journeyman	1.0 lb (0.5 kg)

See page 297 for additional information on warnings.

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 Color	Handle Finish	Weight
D511-6	6.563" (166.7 mm)	1.188" (30.2 mm)	1.188" (30.2 mm)	3/8" (9.5 mm)	Blue	Plastic-Dipped	0.39 lb (0.18 kg)
D511-8	8.063" (204.8 mm)	1.375" (34.9 mm)	1.25" (31.8 mm)	7/16" (11.1 mm)	Blue	Plastic-Dipped	0.62 lb (0.28 kg)
D511-10	9.875" (250.8 mm)	1.75" (44.5 mm)	1.375" (34.9 mm)	15/32" (11.9 mm)	Blue	Plastic-Dipped	0.83 lb (0.38 kg)

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 Color	Handle Finish	Weight
D514-8	8.063" (204.8 mm)	1.375" (34.9 mm)	1.25" (31.8 mm)	7/16" (11.1 mm)	Blue	Plastic-Dipped	0.61 lb (0.28 kg)

Pliers Handles

Replacement Klein-Koat™ Pliers Handles

- Plastic material for slip-resistant grip and comfort



70

Cat. No.	Size to Fit Pliers	Color	Weight
60	6" (152.4 mm) Long	Red	0.80 oz (22.7 g)
70	7" (177.8 mm) Long	Red	0.10 lb (0.05 kg)
89	8" to 9" (203.2 to 228.6 mm) Long	Red	0.10 lb (0.05 kg)

See page 297 for additional information on warnings.



Strippers, Cutters and 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.

For Professionals...
Since 1857™

Cable Strippers

Large Cable Strippers

- Effectively removes cable insulation
- Quicker and safer than using a knife
- Clover design features 4 different wire sizes in one tool
- Ensures precise cuts every time

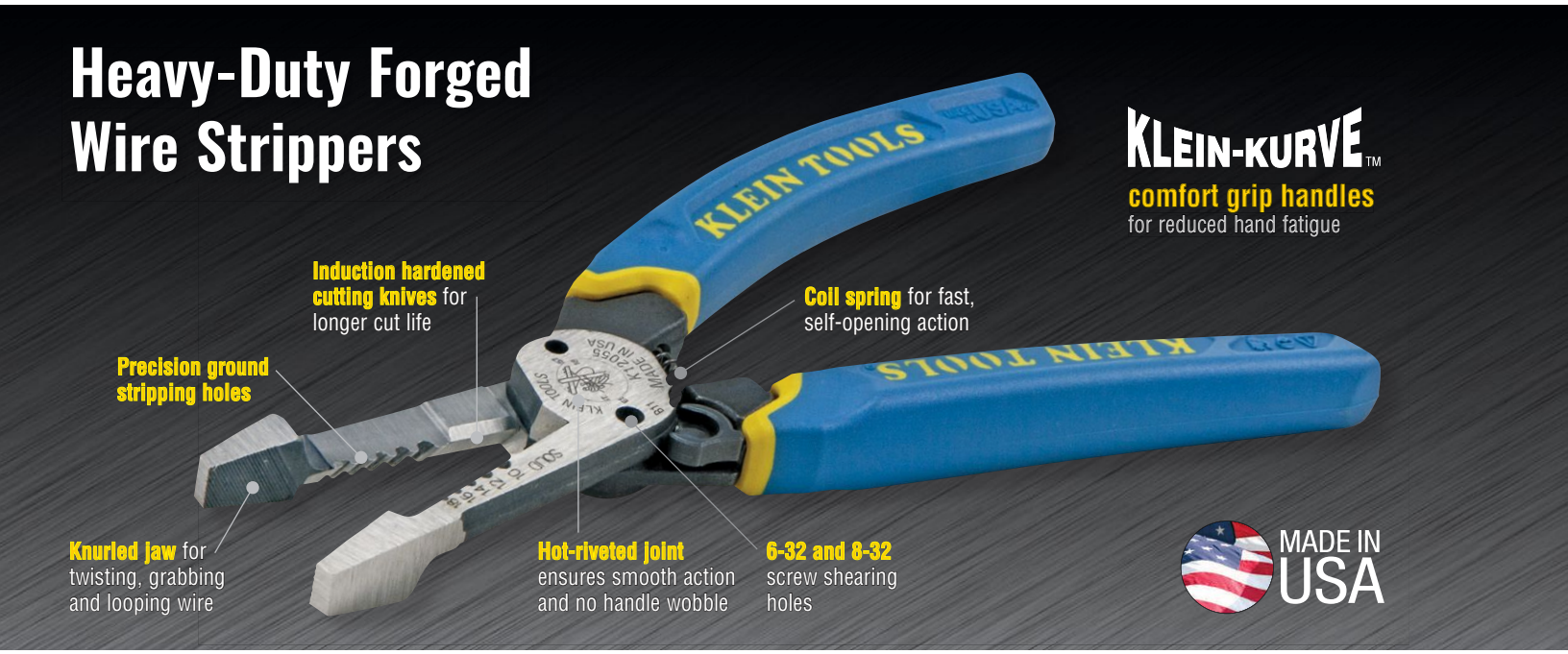
NEW Product



21050

	Cat. No.	Cable Size	Strip Dimensions	Weight
NEW	21050	MTW/THHN/THWN-2	350 MCM, 500 MCM, 600 MCM, 750 MCM	1.2 lb (0.5 kg)
NEW	21051	MTW/THHN/THWN-2	2/0, 3/0, 4/0, 250 MCM	1.1 lb (0.5 kg)

Heavy-Duty Forged Wire Strippers



Heavy-Duty Wire Strippers

Includes core features plus:

- The durability of a plier with the sharpness and precision of a wire stripper
- Robust forged steel makes this 4 times stronger than traditional wire strippers
- Twist up to three wires at a time



K12054

Cat. No.	Strips and Cuts	Screw Shearing	Overall Length	Handle Color	Weight
K12054	8-16 AWG Solid (10-1.5 mm²); 10-18 AWG Stranded (6-1.0 mm²)	6-32 and 8-32	8'' (203 mm)	Blue/White	0.63 lb (0.29 kg)
K12055	10-18 AWG Solid (6.0-1.0 mm²); 12-20 AWG Stranded (4.0-0.50 mm²)	6-32 and 8-32	8" (203 mm)	Blue/Yellow	0.63 lb (0.29 kg)

See page 297 for additional information on warnings.

Wire Strippers/Cutters

KLEIN-KURVE™
comfort grip handles
for reduced hand fatigue

Coil spring provides fast self-opening action

Wire looping and bending holes

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

Double dipped comfort grips

Handy closure lock for convenient storage

Screw shearing holes

Precision ground stripping holes

MADE IN USA

Klein-Kurve™ Wire Strippers/Cutters

Includes core features plus:

- Easy-to-read markings
- Precision shear-type blades
- Narrow nose fits into tight places
- Glow in the dark grips to easily locate your tool in dark or low lit areas (Cat. No. 11054GLW)



11054

Cat. No.	Strips and Cuts	Screw Shearing	Overall Length	Handle Color	Weight
11053	6-12 AWG Stranded (16.0-4.0 mm²)	6-32 and 8-32	7.125" (181 mm)	Blue/Red	0.34 lb (0.15 kg)
11054	8-16 AWG Solid (10.0-1.5 mm²), 10-18 AWG Stranded (6.0-1.0 mm²)	6-32 and 8-32	7.125" (181 mm)	Blue/White	0.34 lb (0.15 kg)
11054GLW	8-16 AWG Solid (10.0-1.5 mm²), 10-18 AWG Stranded (6.0-1.0 mm²)	6-32 and 8-32	7.125" (181 mm)	Glow in the Dark	0.34 lb (0.15 kg)
11055	10-18 AWG Solid (6.0-1.0 mm²), 12-20 AWG Stranded (4.0-0.50 mm²)	6-32 and 8-32	7.125" (181 mm)	Blue/Yellow	0.34 lb (0.15 kg)
11057	20-30 AWG Solid (0.50-0.05 mm²), 22-32 AWG Stranded (0.35-0.03 mm²)	6-32 and 8-32	7.125" (181 mm)	Blue/Red	0.32 lb (0.15 kg)
K1412	NM-B Cable 12/2 and 14/2; 12-14 AWG Solid (4.0-2.5 mm²); 14-16 AWG Stranded (2.5-1.5 mm²)	6-32 and 8-32	7.75" (196.9 mm)	Yellow/White	0.41 lb (0.19 kg)
K1412CAN	NMD-90 Cable 12/2 and 14/2; 12-14 AWG Solid (4.0-2.5 mm²); 14-16 AWG Stranded (2.5-1.5 mm²)	6-32 and 8-32	7.75" (196.9 mm)	Yellow/White	0.41 lb (0.19 kg)

Klein-Kurve™ Wire Strippers/Crimpers/Cutters

NEW Product

Includes core features plus:

- Crimps insulated and non-insulated connectors
- Tip designed to grab, pull and bend the smallest of wires
- Reinforced head reduces flex
- Optimized for ideal leverage when stripping and crimping
- Precision shear-type cutting blades for easier cutting
- Do no use to cut steel wire

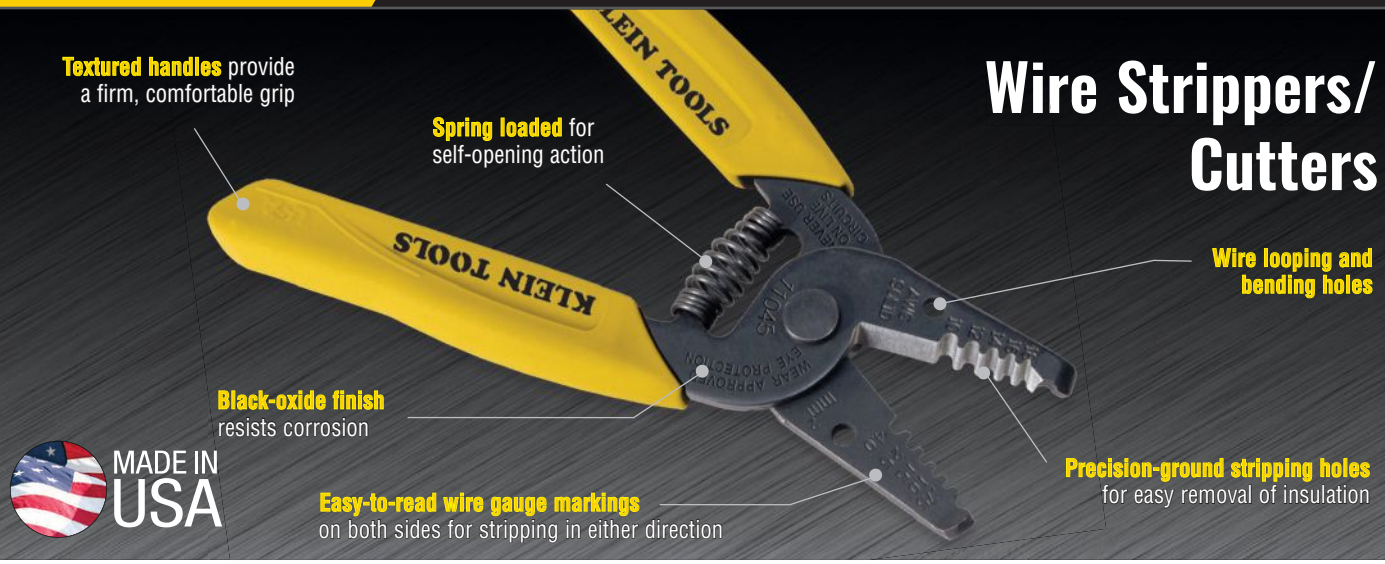


1019

	Cat. No.	Strips and Cuts	Screw Shearing	Crimping Capacity	Overall Length	Handle Color	Weight
	1009	10-20 AWG Solid (6.0-0.50 mm²); 12-22 AWG Stranded (4.0-0.35 mm²)	6-32 and 8-32	10-22 AWG (6.0-0.35 mm²)	7.75" (196.9 mm)	Gray/Yellow	0.34 lb (0.15 kg)
NEW	1019	10-26 AWG Solid (6.0-0.14 mm²); 12-28 AWG Stranded (4.0-0.10 mm²)	6-32 and 8-32	10-22 AWG (6.0-0.35 mm²) Insulated and Non-insulated Terminals; B-Connectors; Scotchlok® IDC Connectors	7.75" (196.9 mm)	Gray/Red	0.34 lb (0.15 kg)

See page 297 for additional information on warnings.

Wire Strippers/ Cutters



Wire Strippers/Cutters

Includes core features plus:

- Narrow nose fits into tight places
- Cat. Nos. 1011 and 1011M strip six standard wire sizes without nicking wire
- Cat. No. 11048 strips two wires in a single motion
- Do not use for cutting steel wire or screws



DUAL-WIRE STRIPPER
11048



11045

Cat. No.	Strips and Cuts	Overall Length	Handle Color	Weight
11045	10-18 AWG Solid (6.0-1.0 mm²)	6.25" (158.8 mm)	Yellow	0.27 lb (0.12 kg)
11046	16-26 AWG Stranded (1.5-0.14 mm²)	6.25" (158.8 mm)	Red	0.27 lb (0.12 kg)
11047	22-30 AWG Solid (0.35-0.05 mm²)	6.25" (158.8 mm)	Yellow	0.27 lb (0.12 kg)
11049	8-16 AWG Stranded (6 mm²-1.0 mm²)	6.25" (158.8 mm)	Red	0.27 lb (0.12 kg)
11048	10, 12, 14 AWG Solid (4.0 mm², 2.5 mm², 1.5 mm²)	6.25" (158.8 mm)	Yellow	0.27 lb (0.12 kg)
1011	10-20 AWG Solid (6.0-0.50 mm²); 12-22 AWG Stranded (4.0-0.35 mm²)	6.125" (155.6 mm)	Blue	0.23 lb (0.10 kg)
1011M	0.15 to 4.0 mm² Stranded Wire	6.125" (155.6 mm)	Blue	0.23 lb (0.10 kg)

Adjustable Wire Stripper/Cutters

- Cuts and strips solid and stranded wire
- Handy, light, compact tools for stripping insulation
- Adjustable dial for wire size adjustment prevents nicked wire (Cat. No. 74007)
- Adjustable slide stop with set screw for repeated stripping work (Cat. No. 1003, 1004)
- Convenient hole for looping or bending wire (Cat. No. 1003, 1004)
- Black-oxide finish with plastic-dipped handles



74007

Cat. No.	Strips and Cuts	Hold-Open Spring	Overall Length	Handle Color	Weight
74007	12-24 AWG Solid and Stranded (4.0-0.25 mm²)	Yes	5.125" (130.2 mm)	Yellow	0.15 lb (0.07 kg)
1004	12-26 AWG Solid and Stranded (4.0- 0.14 mm²)	Yes	5" (127.0 mm)	Yellow	0.18 lb (0.08 kg)
1003	12-26 AWG Solid and Stranded (4.0- 0.14 mm²)	No	5" (127.0 mm)	Yellow	0.14 lb (0.06 kg)

Wire Strippers/Cutters

Katapult™ Adjustable Wire Stripper/Cutter

KATAPULT™

- Cuts and strips up to 22 AWG wire with ease
- Compound action wire stripping: grip and strip via single action squeezing motion
- Precision machined stripping holes easily remove jacket insulation without damaging the wire
- Removes up to 1" (24 mm) in length of the insulation layer (jacket layer) in a single step
- Tension loaded wire-grip gently holds the cable in place while retaining the cable geometry
- Additional cutting blades available



11063W

Cat. No.	Strips and Cuts	Hold-Open Spring	Overall Length	Handle Color	Weight
11063W	8-20 AWG Solid (10.0- 0.50 mm²); 10-22 AWG Stranded (6.0- 0.35 mm²)	Yes	6.594" (167.5 mm)	Blue/ Black	0.75 lb (0.34 kg)

Cat. No.	Application	Weight
Replacement Blades		
VDV110-046	RG6 Coaxial Cable	0.16 oz (4.5 g)
11082	10 AWG Max Wire (6.0 mm²)	0.16 oz (4.5 g)
11073	8-22 AWG (10.0 -0.35 mm²)	0.16 oz (4.5 g)
11074	16-26 AWG (1.5-0.14 mm²)	0.16 oz (4.5 g)
Wire Stop/Gauge		
11081	Adjustable Wire Stop/Gauge	0.16 oz (4.5 g)

Self-Adjusting Wire Stripper/Cutter

- Stripping head adjusts to strip 10-20 AWG Solid, 12-22 Stranded and 12/2 and 14/2 Romex® wire
- Adjustable stopper to control the length of the core strip
- Convenient wire cutter in handle
- Tensioning thumb wheel allows for precise stripping of smaller gauge wires
- Grooved grips are designed for added comfort



11061

Cat. No.	Strips and Cuts	Hold-Open Spring	Overall Length	Handle Color	Weight
11061	10-20 AWG Solid (6.0- 0.50 mm²); 12-22 AWG Stranded (4.0- 0.35 mm²); 12/2 and 14/2 Romex® Wire	No	8.25" (209.6 mm)	Blue/Black	0.79 lb (0.36 kg)

Romex® is a registered trademark of Southwire Company.

NM Cable Ripper

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



74017

Cat. No.	Measures Wire Gage	Overall Length	Weight
74017	8-14 AWG (10.0-2.5 mm²)	4" (101.6 mm)	1.3 oz (37 g)

Romex® is a registered trademark of Southwire Company.

See page 297 for additional information on warnings.

Combination Wire-Stripping and Crimping Tools

Multi-Purpose 6-in-1 Tool

- Easily cuts and strips 8-22 AWG Solid and 10-26 AWG Stranded wire
- Crimps 10-22 AWG insulated terminals
- Cleanly shears bolts
- Gauges wire sizes
- Measures stud sizes

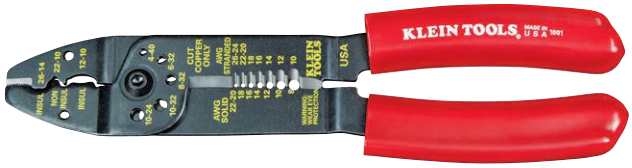


1000

Cat. No.	Strips and Cuts	Screw Shearing	Crimping Capacity	Overall Length	Handle Color	Weight
1000	8-22 AWG Solid (6.0 mm²-0.34 mm²), 10-26 AWG Stranded (4.0 mm²-1.0 mm²)	4-40, 6-32, 8-32, 10-24, 10-32	10-22 AWG (6.0- 0.35 mm²)	7.75" (196.9 mm)	Red	0.44 lb (0.20 kg)

Multi-Purpose Electrician's Tool

- Cuts and strips 8-22 AWG Solid and 10-26 AWG Stranded wire
- Crimps 10-22 AWG insulated and non-insulated terminals
- Two wire cutters double the utility of this tool
- Cleanly shears bolts
- Pivot nut adjusts tension
- Wire-looping holes near tip



1001

Cat. No.	Strips and Cuts	Screw Shearing	Crimping Capacity	Overall Length	Handle Color	Weight
1001	8-22 AWG Solid (6.0 mm²-0.34 mm²), 10-26 AWG Stranded (4.0 mm²-1.0 mm²)	4-40, 6-32, 8-32, 10-24, 10-32	10-22 AWG (6.0- 0.35 mm²)	8.5" (215.9 mm)	Red	0.47 lb (0.21 kg)

Multi-Purpose Long-Nose Tool

- Easily cuts and strips 10-20 AWG Solid and 12-22 Stranded wire
- Crimps 10-22 AWG insulated and non-insulated terminals and 7-8 mm ignition terminals
- Cleanly shears bolts
- Cutters and strippers are in front of the pivot for maximum ease-of-use in reaching into tight places
- Narrow, serrated pliers nose to pull, loop, and bend wire



1010

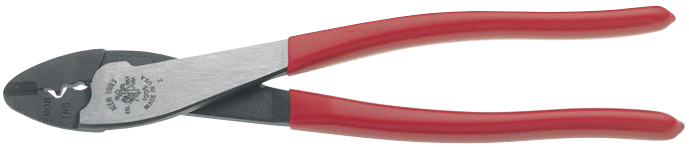
Cat. No.	Strips and Cuts	Screw Shearing	Crimping Capacity	Overall Length	Handle Color	Weight
1010	10-20 AWG Solid (6.0- 0.50 mm²); 12-22 AWG Stranded (4.0- 0.35 mm²)	4-40, 5-40, 6-32, 8-32, 10-32, 10-24	10-22 AWG (6.0- 0.35 mm²)	8.25" (209.6 mm)	Blue	0.43 lb (0.20 kg)

See page 297 for additional information on warnings.

Crimping Tools

Crimping/Cutting Tools

- Cut and crimp 10-22 AWG wire
- Tapered nose design for working in confined areas
- Specially hardened wire cutter in nose
- Hot-riveted joint for smooth action and no handle wobble



1005



Plastic-Dipped



JOURNEYMAN™ Dual-Material

See Insulated Tools section for insulated crimping/cutting tools.

Cat. No.	Crimps	Handle Color	Handle Finish	Overall Length	Weight
1005	10-22 AWG (6.0-0.35 mm²) Insulated and Non-Insulated terminals	Red	Plastic-Dipped	9.75" (247.7 mm)	0.80 lb (0.36 kg)
1006	10-22 AWG (6.0-0.35 mm²) Non-Insulated terminals	Black	Plastic-Dipped	9.75" (247.7 mm)	0.85 lb (0.39 kg)
Journeyman™ Series – Dual-material handles for better grip					
J1005	10-22 AWG (6.0-0.35 mm²) Insulated and Non-Insulated terminals	Red/Black	Journeyman™	9.75" (247.7 mm)	0.84 lb (0.38 kg)

Large Crimp Tool-Compound-Action

- Ultra-comfortable hand grips for easy use
- All-in-one, integral crimp nest. No removable parts or rotating dies
- High-leverage handles and compound-action mechanism for superior mechanical advantage
- Adjustment screw allows user to control crimp depth



2006

Cat. No.	Handle Finish	Crimps	Overall Length	Handle Color	Weight
2006	Molded Grips	#6-4/0 AWG Battery Lugs and Terminals	19.5" (495.3 mm)	Red	3.8 lb (1.7 kg)

Ratcheting Crimpers - Insulated Terminals

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



T1715



T1710

Cat. No.	Cable Size	Weight
T1715	22-16 AWG (0.35-1.5 mm²); 16-14 AWG (1.5-2.5 mm²); 12-10 AWG (4.0-6.0 mm²)	1.1 lb (0.5 kg)
T1710	10-22 AWG (6.0-0.35 mm²)	1.1 lb (0.5 kg)

See page 297 for additional information on warnings.

Cable and Bolt Cutters

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



For Professionals...
Since 1857™



Cable Cutters

MADE IN USA

High-Leverage Cable Cutters

Includes core cable cutter features plus:

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



63050



Plastic-Dipped



JOURNEYMAN™ Dual-Material

Refer to the insulated section for insulated cable cutters.

Cat. No.	Cutting Capacity	Handle Color	Handle Finish	Overall Length	Weight
63050	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	Red	Plastic-Dipped	9.39" (238.5 mm)	0.90 lb (0.41 kg)
J63050	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	Red/Black	Journeyman	9.563" (242.9 mm)	0.98 lb (0.44 kg)

Cable Cutters - Coaxial

Includes core cable cutter features plus:

- 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
- When cutting drop wire with an inner steel conductor, we recommend our 2000 Series cutting pliers



63028



63030

Cat. No.	Cutting Capacity	Handle Color	Handle Finish	Overall Length	Weight
63028	3/4" (19.1 mm)	Yellow	Plastic-Dipped	8.25" (209.6 mm)	0.80 lb (0.36 kg)
63030	1" (25.4 mm)	Blue	Plastic-Dipped	8.25" (209.6 mm)	0.83 lb (0.38 kg)

See page 297 for additional information on warnings.

⚠WARNING: Do NOT cut steel or ACSR.

Cable Cutters

Compact Cable Cutter

Includes core cable cutter features plus:

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



63055

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

Cat. No.	Cutting Capacity	Handle Color	Handle Finish	Overall Length	Weight
63055	24 AWG Copper, Aluminum Multi-Strand Cable and Wire, and 100-Pair Telephone Cable	Red	Plastic-Dipped	8" (203.2 mm)	0.65 lb (0.29 kg)

All-Purpose Shears and BX Cutter

Includes core cable cutter features plus:

- Handle cavity is designed to restore BX cable to original shape after cutting
- Stripping notch for added convenience
- High-leverage, shear-type design for one-hand operation
- Lighweight and compact



1104

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

Cat. No.	Cutting Capacity	Handle Color	Handle Finish	Overall Length	Weight
1104	Cuts BX Cable, Sheet Metal, Steel Strapping and Bundling Wire	Red	Plastic Dipped	7.625" (193.7 mm)	0.60 lb (0.27 kg)

Heavy-Duty Cable Shears

- Cuts ACSR, steel, and most hardened wire
- 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



63016

Cat. No.	Cutting Capacity	Handle Color	Handle Finish	Overall Length	Weight
63016	Up to 1/4"(6.4 mm) Copper and Mild Steel Strands, up to 3/16" (4.8 mm) Aircraft Cable, Wire Rope, Aluminum and Copper Rods, up to 5/32"(4 mm) for Steel and Iron Rods	Blue	Plastic-Dipped	7.5" (190.5 mm)	0.65 lb (0.29 kg)

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
- Double-dipped grips for comfort
- Coil spring provides fast self-opening action
- Holes for looping and bending wire
- Convenient lock for storage also prevents accidental locking and loosening over time



63020

Cat. No.	Cutting Capacity	Screw Shearing	Handle Color	Overall Length	Weight
63020	Up to 12 AWG Solid and Stranded Copper Wire, Up to 0.032" (.081 mm) Diameter Stainless Steel, Up to 1/2" (12.7 mm) Multi-conductor Cable, Coaxial Cable RG-6 Quad, RG-59 and RG-62	6-32 & 8-32	Red	7" (177.8 mm)	0.44 lb (0.20 kg)

Cable Cutters

Utility Cable and Rope Cutters

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



63035



63035SC

Cat. No.	Cutting Capacity	Handle Color	Overall Length	Weight
63035	MCM Cable 350 Copper, 350 Aluminum	Red	16.25" (412.8 mm)	1.7 lb (0.8 kg)
63035SC	9/32" (7.1 mm) Wire Rope and Cables	Red	18" (457.2 mm)	2.0 lb (0.9 kg)

Stoffel® is a registered trademark of Stoffel Seals Corporation.

Standard and Communication Cable Cutters



63041TH

63047

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

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

Cat. No.	Soft Cable Maximum Capacity	MCM Cable Maximum Capacity	Replacement Blade	Overall Length	Weight
63041	1-3/8" (34.9 mm) Diameter	MCM 500 Copper, 750 Aluminum	63081	25.5" (647.7 mm)	5.3 lb (2.4 kg)
63041TH	1-3/8" (34.9 mm) Diameter	MCM 500 Copper, 750 Aluminum	63081	25.5" (647.7 mm)	5.3 lb (2.4 kg)
63045	1-3/4" (44.5 mm) Diameter	1000 Copper, 1200 Aluminum	63090	32" (812.8 mm)	8.0 lb (3.6 kg)
63047	Up to 2-1/4" (57.2 mm) Diameter	900-Pair Soft Copper and Aluminum	63110	37" (939.8 mm)	8.6 lb (3.9 kg)

See page 297 for additional information on warnings.

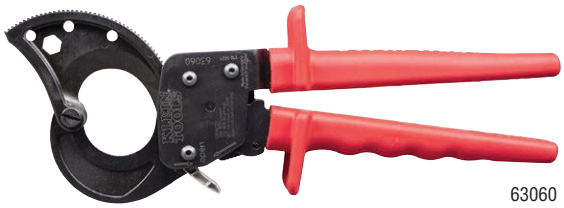
Cable Cutters

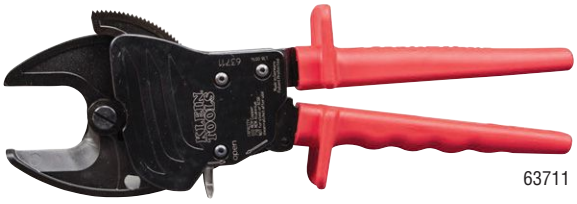
Ratcheting Cable Cutters

- Reduced hand force for easier cutting
- Patented two-step ratchet mechanism requires fewer strokes per cut
- Quick release lever opens blades easily in every cutting position to allow removal of the cable before completion of cut
- Hardened steel cutting blades for lasting strength and sharpness
- Locking lever keeps handles closed for easy transport; fits in a toolbox or bag

⚠WARNING: Do NOT cut steel or ACSR.


63601


63060


63711


63750

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

Cat. No.	MCM Maximum Cable Capacity (Aluminum)	MCM Maximum Cable Capacity (Copper)	MCM Maximum Cable Capacity (Communication Cable)	Overall Length	Handle Color	Weight
63060	750 MCM (380 mm²)	600 MCM (300 mm²)	1-1/8" (28.6 mm)	10.25" (260.4 mm)	Red	1.3 lb (0.6 kg)
63711	750 MCM (400 mm²)	600 MCM (300 mm²)	1-1/8" (28.6 mm)	11.5" (292.1 mm)	Red	2.0 lb (0.9 kg)
63750	1000 MCM (500 mm²), Frequent Use: 750 MCM (400 mm²)	1000 MCM (500 mm²), Frequent Use: 750 MCM (400 mm²)	2-1/16" (52.4 mm)	12.125" (308 mm)	Red	1.8 lb (0.8 kg)
63601	1000 MCM (500 mm2)	600 MCM (300 mm²)	2-1/16" (52.4 mm)	10.25" (260.4 mm)	Red	2.7 lb (1.2 kg)

ACSR Ratcheting Cable Cutter

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


63607


63800ACSR

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

Cat. No.	MCM Maximum Cable Capacity (ACSR)	MCM Maximum Cable Capacity (Aluminum)	MCM Maximum Cable Capacity (Copper)	MCM Maximum Cable Capacity (Guy Strand)	Handle Color	Overall Length	Weight
63607	336 MCM (170 mm²)	600 MCM (300 mm²)	400 MCM (185 mm²)	—	Yellow	10.25" (260.4 mm)	1.5 lb (0.7 kg)
63800ACSR	477 MCM (273 mm²)	1-1/4" (31.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	Red	13.75" (349.3 mm)	3.2 lb (1.5 kg)

Cable Cutters

Ratcheting ACSR Cable Cutter - Heavy-Duty



63700

- Ratchet-action design provides maximum leverage with minimum effort for heavy-duty use
- Forged, heat-treated, shear-type blades, plus 24" (610 mm) long fiberglass handles with heavy duty grips for comfort and slip resistance
- Blade-advance knob for fast rotation of the blade to engage the cable or other material being cut
- Quick-release mechanism allows for removal of the cable or rod before completion of the cut, if desired
- Not designed for cutting EHS guy strand or reinforcement rod
- Cuts steel and ACSR

Cat. No.	Soft Cable Maximum Capacity	Steel Cable Maximum Capacity	Handle Color	Overall Length	Weight
63700	2-1/4" (57.2 mm) Diameter, 750 MCM (1-3/8" [34.9 mm]) Diameter, Copper or Aluminum	1-1/4" (31.8 mm) Diameter ACSR, ACAR, 7/16" (11.1 mm) Diameter Common Guy Strand, 5/8" (15.9 mm) Diameter Steel Wire Rope, 1/2" (12.7 mm) Diameter Steel Rod (C.R.S. SOFT)	Yellow	28" (711.2 mm)	14.0 lb (6.4 kg)

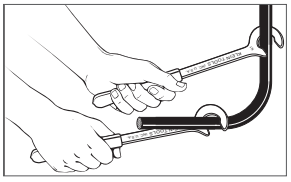
Cable Tools

Cable Benders



50400

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



2 benders are reccommended for easier bends

Cat. No.	Tool Opening	Maximum Cable Capacity	Overall Length	Weight
50400	7/8" (22.2 mm)	350 MCM	12" (304.8 mm)	0.90 lb (0.41 kg)
50402	1-1/64" (25.8 mm)	500 MCM	14.5" (368.3 mm)	1.6 lb (0.7 kg)

See page 297 for additional information on warnings.

Bolt Cutters

Heavy-Duty Ratcheting Bolt Cutter

- Spring-loaded cable retention hook snaps onto the cable in one hands-free motion and keeps strands between cutting blades
- Long handles provide leverage when cutting
- Lockplate reinforcement prevents jaw bolts from loosening or turning, keeps jaws in correct alignment
- Up to HRC Rockwell C31, Rockwell C42



63RBCHD

EASY AS



OPEN
movable handle to full extension to open cutting jaws



SNAP
cable between cutting jaws

CUT
cable using ratcheting handle

Cat. No.	Cutting Capacity	Overall Length	Weight
63RBCHD	5/8"(15.9 mm) Ground Rod, 1/2" (12.7 mm) Rebar, 7/16" (11.1 mm) Grade 8 Bolts, 1/2" (12.7 mm) Grade 5 Bolts, 1/2" (12.7 mm) Utility-Grade Guy Strand, 3/8" (9.5 mm) EHS	31" (787.4 mm)	10.0 lb (4.5 kg)

Bolt Cutters - Steel and Fiberglass Handle

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



63314



63118

Cat. No.	Soft & Medium Cutting Max Capacity	Hard Material Cutting Max Capacity	Handle Material	Replacement Blade	Overall Length	Weight
63314	5/16" (7.9 mm)	3/16" (4.8 mm)	Steel	63814	14" (355.6 mm)	3.2 lb (1.4 kg)
63318	3/8" (9.5 mm)	1/4" (6.4 mm)	Steel	63818	18" (457.2 mm)	3.6 lb (1.6 kg)
63324	7/16" (11.1 mm)	5/16" (7.9 mm)	Steel	63824	24" (609.6 mm)	6.3 lb (2.9 kg)
63330	1/2" (12.7 mm)	3/8" (9.5 mm)	Steel	63831	30" (762.0 mm)	10.2 lb (4.6 kg)
63336	9/16" (14.3 mm)	7/16" (11.1 mm)	Steel	63836	36" (914.4 mm)	14.3 lb (6.5 kg)
63342	11/16" (17.5 mm)	1/2" (12.7 mm)	Steel	63842	42" (106.7 cm)	19.2 lb (8.7 kg)
63118	3/8" (9.5 mm)	1/4" (6.4 mm)	Fiberglass	63918	18.25" (463.6 mm)	3.7 lb (1.7 kg)
63124	7/16" (11.1 mm)	5/16" (7.9 mm)	Fiberglass	63924	24.5" (622.3 mm)	6.1 lb (2.8 kg)
63130	1/2" (12.7 mm)	3/8" (9.5 mm)	Fiberglass	63930	30.5" (774.7 mm)	9.5 lb (4.3 kg)
63136	1/2" (12.7 mm)	3/8" (9.5 mm)	Fiberglass		36.5" (927.1 mm)	13.0 lb (5.9 kg)

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

See page 297 for additional information on warnings.



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.

1000 V

For Professionals...
Since 1857™

Electrician's Insulated Tools (EINS)

1000 V

Insulated Tools (INS)

1000 V



Induction hardened cutting knives for long life

Hot-riveted joint ensures smooth action and no handle wobble

Durable, three component molded insulation provides protection against electric shock

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

MADE IN USA

Integral guards help prevent hand contact with conductive parts

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

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

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

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

All Klein insulated tools comply with ASTM F-1505 and IEC 60900 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. 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.

Klein's Classic Lineman's insulated tools feature large, bright orange handles making the tool comfortable to use all day and easy to identify in the field. The Electrician's line of insulated tools (EINS) provides a multi-color, sleeker design than the Classic Lineman's insulated tools. 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.

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

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

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

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

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

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

Insulated Pliers

Insulated High-Leverage Side-Cutting Pliers

Includes core insulated features plus:

- High-leverage design provides 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws
- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals (Cat. No. D213-9NE-CR-INS)



CRIMPING FEATURE
D213-9NE-CR-INS



213-9NE-EINS



EINS – Orange/Gray



INS – Orange

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
2138NEEINS	8.813" (223.9 mm)	1.438" (36.5 mm)	1.109" (28.2 mm)	5/8" (15.9 mm)	0.75" (19.1 mm)	Orange/Gray	3-Layer	1.0 lb (0.5 kg)
2139NEEINS	9.625" (244.5 mm)	1.594" (40.5 mm)	1.313" (33.4 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Orange/Gray	3-Layer	1.3 lb (0.6 kg)
D213-9NE-INS	9.625" (244.5 mm)	1.594" (40.5 mm)	1.313" (33.4 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Orange	2-Layer	1.3 lb (0.6 kg)
D213-9NE-CR-INS	9.625" (244.5 mm)	1.594" (40.5 mm)	1.313" (33.4 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Orange	2-Layer	1.3 lb (0.6 kg)
Pliers with heavy-duty cutting knives design to cut ACSR, screws, nails and most hardened wire								
20009NEEINS	9.625" (244.5 mm)	1.594" (40.5 mm)	1.313" (33.4 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Orange/Gray	3-Layer	1.3 lb (0.6 kg)
D2000-9NE-INS	9.625" (244.5 mm)	1.594" (40.5 mm)	1.313" (33.4 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Orange	2-Layer	1.3 lb (0.6 kg)

Insulated High-Leverage Diagonal Cutting Pliers

Includes core insulated features plus:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other pliers designs
- 13° angled head for easier work in confined spaces (Cat. Nos. 2000-48-EINS, D248-8-INS, and D2000-48-INS)



2000-28-EINS



EINS – Orange/Gray



INS – Orange

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D228-8-INS	8.25" (209.6 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Orange	2-Layer	0.70 lb (0.32 kg)
D248-8-INS	8.25" (209.6 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Orange	2-Layer	0.70 lb (0.32 kg)
Pliers with heavy-duty cutting knives design to cut ACSR, screws, nails and most hardened wire								
200028EINS	8.25" (209.6 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Orange/Gray	3-Layer	0.70 lb (0.32 kg)
D2000-28-INS	8.25" (209.6 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Orange	2-Layer	0.70 lb (0.32 kg)
200048EINS	8.25" (209.6 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Orange/Gray	3-Layer	0.70 lb (0.32 kg)
D2000-48-INS	8.25" (209.6 mm)	0.813" (20.7 mm)	1.188" (30.2 mm)	13/16" (20.6 mm)	Standard	Orange	2-Layer	0.70 lb (0.32 kg)

Insulated Heavy-Duty Diagonal-Cutting Pliers - Tapered Nose

Includes core insulated features plus:

- Heavy-duty tapered nose design for working in confined areas
- One-inch deep jaws easily reach into confined spaces



D220-7-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Color	Handle Finish	Weight
D220-7-INS	7.875" (200 mm)	1" (25.4 mm)	0.969" (24.6 mm)	1" (25.4 mm)	Standard	Orange	2-Layer	0.70 lb (0.32 kg)

See page 297 for additional information on warnings.

Insulated Pliers

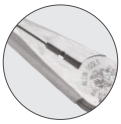
Insulated Long-Nose Pliers - Side-Cutting

Includes core insulated features plus:

- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control (Cat. Nos. 203-6-EINS, D203-6-INS, 203-7-EINS, and D203-7-INS)
- Extended handles provide added reach and leverage (Cat. Nos. D203-8-INS and D203-8N-INS)
- Heavier design for easier, more comfortable cutting and extended handle for added reach and leverage (Cat. No. 203-8-EINS)
- Skinning hole for No. 12 AWG wire (Cat. No. D203-8N-INS)



203-8-EINS



12 AWG SKINNING HOLE
D203-8N-INS



EINS – Orange/Gray



INS – Orange

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Knife Length	Handle Color	Handle Finish	Weight
2036EINS	6.875" (174.6 mm)	1.938" (49.2 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	.094" (2.4 mm)	0.5" (12.7 mm)	Orange/Gray	3-Layer	0.30 lb (0.14 kg)
D203-6-INS	6.875" (174.6 mm)	1.938" (49.2 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	.094" (2.4 mm)	0.5" (12.7 mm)	Orange	2-Layer	0.30 lb (0.14 kg)
2037EINS	7.375" (187.3 mm)	2.438" (61.9 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	.094" (2.4 mm)	0.5" (12.7 mm)	Orange/Gray	3-Layer	0.30 lb (0.14 kg)
D203-7-INS	7.375" (187.3 mm)	2.438" (61.9 mm)	0.688" (17.5 mm)	3/8" (9.5 mm)	.094" (2.4 mm)	0.5" (12.7 mm)	Orange	2-Layer	0.30 lb (0.14 kg)
2038EINS	8.875" (225.4 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	0.125" (3.2 mm)	0.625" (15.9 mm)	Orange/Gray	3-Layer	0.70 lb (0.32 kg)
D203-8-INS	8.875" (225.4 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	0.125" (3.2 mm)	0.625" (15.9 mm)	Orange	2-Layer	0.70 lb (0.32 kg)
D203-8N-INS	8.875" (225.4 mm)	2.313" (58.8 mm)	1" (25.4 mm)	1/2" (12.7 mm)	0.125" (3.2 mm)	0.625" (15.9 mm)	Orange	2-Layer	0.70 lb (0.32 kg)

Insulated Combination Pliers

Includes core insulated features plus:

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



12098-EINS



EINS – Orange/Gray



INS – Orange

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Weight
12098EINS	8.875" (225.4 mm)	1.781" (45.2 mm)	1.031" (26.2 mm)	17/32" (13.5 mm)	0.75" (19.1 mm)	Orange/Gray	3-Layer	1.0 lb (0.5 kg)
12098-INS	8.875" (225.4 mm)	1.781" (45.2 mm)	1.031" (26.2 mm)	17/32" (13.5 mm)	0.75" (19.1 mm)	Orange	2-Layer	1.0 lb (0.5 kg)

Insulated Pump Pliers

Includes core insulated features plus:

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



502-10-EINS



EINS – Orange/Gray



INS – Orange

Cat. No.	Overall Length	Jaw Capacity	Handle Color	Handle Finish	Weight
502-10-EINS	10.25" (260.4 mm)	1-3/4" (44.5 mm)	Orange/Gray	3-Layer	1.0 lb (0.5 kg)
D502-10-INS	10.25" (260.4 mm)	1-3/4" (44.5 mm)	Orange	2-Layer	1.0 lb (0.5 kg)

Insulated Crimping/Cutting/Stripping Tools

Insulated Crimping/Cutting Tool

Includes core insulated features plus:

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



1005-INS

Cat. No.	Crimps	Overall Length	Handle Color	Handle Finish	Weight
1005-INS	10-22 AWG	9.75" (247.7 mm)	Orange	2-Layer	1.0 lb (0.5 kg)

Insulated Wire Stripper/Cutters

Includes core insulated features plus:

- Cuts, strips, loops and gauges wire
- Spring-loaded for self-opening
- Compact, lightweight wire-stripping and cutting tool
- Narrow serrated nose fits into tight places for easy bending, shaping and pulling of wire
- Cat. Nos. 11054-EINS and 11055-INS cleanly shear 6-32 and 8-32 screws
- Do not use for cutting steel wire or bolts
- Hardened spring steel with precision-ground stripping holes for easy removal of insulation



11054-EINS



EINS – Orange/Gray



INS – Orange

Cat. No.	Strips and Cuts	Screw Shearing	Overall Length	Handle Color	Weight
Straight Handle					
11045-INS	10, 12, 14, 16, 18 Solid AWG (4.0 mm², 2.5 mm², 1.5 mm², 1.0 mm², 0.75 mm²)	—	7" (177.8 mm)	Orange	0.60 lb (0.27 kg)
11049-INS	8, 10, 12, 14, 16 Stranded AWG (6.0 mm², 4.0 mm², 2.5 mm², 1.5 mm², 1.0 mm²)	—	7" (177.8 mm)	Orange	0.60 lb (0.27 kg)
Klein-Kurve™ comfort grip handles					
11054EINS	8-16 AWG Solid (8.4 mm²-1.3 mm²), 10-18 AWG Stranded (5.3 mm²-0.82 mm²)	6-32 and 8-32	8" (203.2 mm)	Orange/Gray	0.50 lb (0.23 kg)
11055-INS	10, 12, 14, 16, 18 AWG Solid (4.0 mm², 2.5 mm², 1.5 mm², 1.0 mm², 0.75 mm²) 12, 14, 16, 18, 20 AWG Stranded (2.5 mm², 1.5 mm², 1.0 mm², 0.82 mm², 0.50 mm²)	6-32 and 8-32	8" (203.2 mm)	Orange	0.75 lb (0.34 kg)

Insulated High-Leverage Cable Cutter

Includes core insulated features plus:

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



63050-EINS



EINS – Orange/Gray



INS – Orange

Cat. No.	Cutting Capacity	Overall Length	Handle Color	Weight
63050-EINS	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	9.625" (244.5 mm)	Orange/Black	1.0 lb (0.5 kg)
63050-INS	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	9.625" (244.5 mm)	Orange	1.0 lb (0.5 kg)

Insulated Lineman's Skinning Knife

Includes core insulated features plus:

- Large molded, comfort grip handle with measuring marks to help measure stripping length of wire
- Tough, tempered steel blade provides maximum sharpness and durability to withstand frequent cable scoring
- Notch on back of blade for scraping or removing insulation



1571-INS

Cat. No.	Special Features	Blade Length	Overall Length	Blade Material	Handle Color	Weight
1571INS	Measuring Marks on Handle	2.375" (60.3 mm)	8.75" (222.3 mm)	1095 Steel	Orange	5.6 oz (159 g)

See page 297 for additional information on warnings.

Insulated Screwdrivers and Nut Drivers

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



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

Cushion-Grip handles for greater torque and comfort

Bright orange outer coating is flame and impact resistant

Tip-Ident® quickly identifies nut driver size



MADE IN USA

Durable, two layer, molded insulation

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

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

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

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

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

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

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

Insulated Screwdrivers - Round-Shank

Includes core insulated screwdriver features plus:

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



603-7-INS

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
6334INS	#1 Phillips	Round	4" (101.6 mm)	7.75" (196.9 mm)	2.1 oz (60 g)
603-4-INS	#2 Phillips	Round	4" (101.6 mm)	8.313" (211.2 mm)	3.2 oz (91 g)
6037INS	#2 Phillips	Round	7" (177.8 mm)	11.313" (287.4 mm)	4.0 oz (113 g)
6337INS	#3 Phillips	Round	7" (177.8 mm)	12.375" (314.3 mm)	6.4 oz (181 g)
607-3-INS	3/32" (2.4 mm) Cabinet Tip	Round	3" (76.2 mm)	6.75" (171.5 mm)	1.9 oz (54 g)
612-4-INS	1/8" (3.2 mm) Cabinet Tip	Round	4" (101.6 mm)	7.75" (196.9 mm)	2.1 oz (60 g)
601-4-INS	3/16" (4.8 mm) Cabinet Tip	Round	4" (101.6 mm)	7.75" (196.9 mm)	2.1 oz (60 g)
601-7-INS	3/16" (4.8 mm) Cabinet Tip	Round	7" (177.8 mm)	10.75" (273.1 mm)	2.7 oz (77 g)
602-4-INS	1/4" (6.4 mm) Cabinet Tip	Round	4" (101.6 mm)	8.313" (211.2 mm)	3.2 oz (91 g)
605-7-INS	1/4" (6.4 mm) Cabinet Tip	Round	7" (177.8 mm)	11.313" (287.4 mm)	4.0 oz (113 g)
602-7-INS	5/16" (7.9 mm) Cabinet Tip	Round	7" (177.8 mm)	12.375" (314.3 mm)	6.4 oz (181 g)
602-8-INS	3/8" (9.5 mm) Cabinet Tip	Round	8" (203.2 mm)	13.375" (339.7 mm)	8 oz (227 g)
661-4-INS	#1 Square	Round	4" (101.6 mm)	8.313" (211.2 mm)	3.2 oz (91 g)
661-7-INS	#1 Square	Round	7" (177.8 mm)	11.313" (287.4 mm)	3.2 oz (91 g)
662-4-INS	#2 Square	Round	4" (101.6 mm)	8.313" (211.2 mm)	3.2 oz (91 g)
662-7-INS	#2 Square	Round	7" (177.8 mm)	11.313" (287.4 mm)	3.2 oz (91 g)

Insulated Screwdriver Sets

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

Includes core insulated screwdriver features plus:

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



33532-INS

Cat. No.	Set Contains	Weight
33532-INS		0.60 lb (0.27 kg)

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length
602-4-INS	1/4" (6.4 mm) Cabinet Tip	Round	4" (101.6 mm)	8.313" (211.2 mm)
603-4-INS	#2 Phillips	Round	4" (101.6 mm)	8.313" (211.2 mm)

9-Piece Insulated Cushion-Grip Screwdriver Set

Includes core insulated screwdriver features plus:

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



33528

Cat. No.	Set Contains	Weight
33528		5.4 lb (2.5 kg)

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length
601-4-INS	3/16" (4.8 mm) Cabinet Tip	Round	4" (101.6 mm)	7.75" (196.9 mm)
601-7-INS	3/16" (4.8 mm) Cabinet Tip	Round	7" (177.8 mm)	10.75" (273.1 mm)
612-4-INS	1/8" (3.2 mm) Cabinet Tip	Round	4" (101.6 mm)	7.75" (196.9 mm)
602-4-INS	1/4" (6.4 mm) Cabinet Tip	Round	4" (101.6 mm)	8.313" (211.2 mm)
602-7-INS	5/16" (7.9 mm) Cabinet Tip	Round	7" (177.8 mm)	12.375" (314.3 mm)
602-8-INS	3/8" (9.5 mm) Cabinet Tip	Round	8" (203.2 mm)	13.375" (339.7 mm)
6334INS	#1 Phillips	Round	4" (101.6 mm)	7.75" (196.9 mm)
603-4-INS	#2 Phillips	Round	4" (101.6 mm)	8.313" (211.2 mm)
6337INS	#3 Phillips	Round	7" (177.8 mm)	12.375" (314.3 mm)
33538	Heavy-Duty Polyester Case			

See page 297 for additional information on warnings.

Insulated Nut Drivers

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

Includes core insulated nut driver features plus:

- Slimmer molded insulation with increased durability



646-5/8-INS

Cat. No.	Nut Driver Sizes	Shaft Length	Color Code	Overall Length	Weight
646-3/16-INS	3/16"	6" (152.4 mm)	Black	9.75" (247.7 mm)	0.15 lb (0.07 kg)
646-1/4-INS	1/4"	6" (152.4 mm)	Red	9.75" (247.7 mm)	0.20 lb (0.09 kg)
646-5/16-INS	5/16"	6" (152.4 mm)	Yellow	9.75" (247.7 mm)	0.20 lb (0.09 kg)
646-11/32-INS	11/32"	6" (152.4 mm)	Green	9.75" (247.7 mm)	0.20 lb (0.09 kg)
646-3/8-INS	3/8"	6" (152.4 mm)	Blue	10.313" (262 mm)	0.25 lb (0.11 kg)
646-7/16-INS	7/16"	6" (152.4 mm)	Brown	10.313" (262 mm)	0.25 lb (0.11 kg)
646-1/2-INS	1/2"	6" (152.4 mm)	Red	11.375" (288.9 mm)	0.35 lb (0.16 kg)
646-9/16-INS	9/16"	6" (152.4 mm)	Orange	11.375" (288.9 mm)	0.40 lb (0.18 kg)
646-5/8-INS	5/8"	6" (152.4 mm)	Yellow	11.375" (288.9 mm)	0.40 lb (0.18 kg)

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

Insulated Nut Driver Sets

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

Includes core insulated nut driver features plus:

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



33524

Cat. No.	Set Contains	Weight
33524		6.0 lb (2.7 kg)

Cat. No.	Nut Driver Sizes	Shaft Length	Color Code	Overall Length
646-3/16-INS	3/16"	6" (152.4 mm)	Black	9.75" (247.7 mm)
646-1/4-INS	1/4"	6" (152.4 mm)	Red	9.75" (247.7 mm)
646-5/16-INS	5/16"	6" (152.4 mm)	Yellow	9.75" (247.7 mm)
646-11/32-INS	11/32"	6" (152.4 mm)	Green	9.75" (247.7 mm)
646-3/8-INS	3/8"	6" (152.4 mm)	Blue	10.313" (262 mm)
646-7/16-INS	7/16"	6" (152.4 mm)	Brown	10.313" (262 mm)
646-1/2-INS	1/2"	6" (152.4 mm)	Red	11.375" (288.9 mm)
646-9/16-INS	9/16"	6" (152.4 mm)	Orange	11.375" (288.9 mm)
646-5/8-INS	5/8"	6" (152.4 mm)	Yellow	11.375" (288.9 mm)
33534	Heavy-Duty Polyester Case			

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

See page 297 for additional information on warnings.

Insulated Tool Kits

Utility Insulated 13-Piece Tool Kit

- Cuts ACSR, screws, nails, and most hardened wire (Cat. No. D2000-9NE-INS, D2000-28-INS, D2000-48-INS)
- The custom case includes two pallets with custom-fitted pockets for each tool, piano-hinged case cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items
- Inside dimensions: 17-3/4" W x 14-1/4" D x 8" H (451 mm x 362 mm x 203 mm)
- Overall dimensions: 18-7/8" W x 15-3/8" D x 8-1/4" H (79 mm x 391 mm x 210 mm)
- Replacement case (Cat. No. 33535) available

Cat. No.	Kit Contains	Weight
33525	13 Piece Insulated Utility Tool Kit	20.1 lb (9.1 kg)

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

See individual tool listing for more details



33525

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

- Cuts ACSR, screws, nails, and most hardened wire (Cat. No. D2000-9NE-INS, D2000-28-INS, D2000-48-INS)
- 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)

Cat. No.	Kit Contains	Weight
33525SC	Insulated Utility Tool Kit 13 Piece	9.8 lb (4.4 kg)

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

See individual tool listing for more details



33525SC

See page 297 for additional information on warnings.

Insulated Tool Kits

General-Purpose Insulated 22-Piece Tool Kit

- Cat. No. D2000-9NE-INS, D2000-28-INS, D2000-48-INS cuts ACSR, screws, nails, and most hardened wire
- Case includes three pallets with custom-fitted pockets for each tool, piano-hinged cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items
- Inside dimensions: 7-3/4" W x 14-1/4" D x 8" H (197 mm x 362 mm x 203 mm)
- Overall dimensions: 18-7/8" W x 15-3/8" D x 8-1/4" H (479 mm x 391 mm x 210 mm)
- Replacement case (Cat. No. 33537) available



33527

Cat. No.	Kit Contains	Weight
33527	General Purpose Insulated Tool Kit 22-Piece	24.3 lb (11.0 kg)

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

See individual tool listing for more details.

See page 297 for additional information on warnings.

Insulated Tool Kits

Premium Insulated 8-Piece Tool Kit

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

Cat. No.	Kit Contains	Weight
33529	8 Piece Premium Insulated Tool Kit	6.9 lb (3.1 kg)

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

See individual tool listing for more details.



33529

Basic Insulated 8-Piece Tool Kit

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

Cat. No.	Kit Contains	Weight
33526	Basic Insulated Tool Kit, 1000-Volt, 8-Piece	6.9 lb (3.1 kg)

Cat. No.	Description
D213-9NE-INS	Side Cutting Pliers, New England Insulated, 9"
D228-8-INS	8" Insulated Pliers, Diagonal Cutters
D203-8N-INS	Long Nose Cutting Pliers, Insulated 8" Skinner
601-6-INS	Insulated 3/16" Cabinet - 6" Screwdriver
602-4-INS	1/4" Cabinet Tip Insulated Screwdriver, 4"
603-4-INS	Insulated Screwdriver, #2 Phillips Tip, 4"
63050-INS	Cable Cutter, Insulated, High Leverage
11045-INS	Insulated Wire Stripper and Cutter
33536	Case for Insulated Tool Kit 33529

See individual tool listing for more details.



33526

See page 297 for additional information on warnings.

Screwdrivers, Nut Drivers and 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.



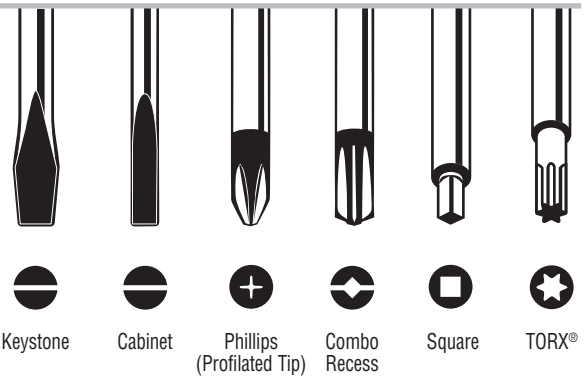
For Professionals...
Since 1857™

Introduction

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

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



Using Screwdrivers and Nut Drivers

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

1. **Never use a driver to do another tool's job.**
   Using a driver as a pry bar, scraper, or a chisel can ruin the tool, spoil the work and cause injury.

2. **Never push a driver beyond its capacity.**
   Make a pilot hole for the screw for easier driving. Use square-shank drivers for heavy work.

3. **Never expose a driver to excessive heat.**
   Direct flame can draw the temper from the metal, weakening and possibly warping it, making it unsafe and inefficient to use.

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

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

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

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

MAGNETIZER

Quickly magnetize and demagnetize screwdriver tips and bits using powerful rare-earth magnets

To magnetize screwdriver:
Insert screwdriver shaft fully into magnetizing slot; avoid rotating shaft while drawing out slowly



To demagnetize screwdriver:
Insert shaft fully into smallest demagnetizing slot that fits; avoid rotating shaft while drawing out slowly





Cat. No.	Overall Length	Overall Height	Overall Width	Weight
MAG2	2.203" (56 mm)	0.703" (17.9 mm)	1.094" (27.8 mm)	1.1 oz (32 g)

Fits these drivers

- #3 Phillips
- 1/4" Keystone (round or square shank)
- 5/16" Cabinet
- #2 Phillips Insulated
- 1/4" Cabinet Insulated
- Most precision screwdrivers



See page 297 for additional information on warnings.

Cushion-Grip Screwdrivers

Meets or exceeds applicable ASME / ANSI specifications

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



Heat-treated, premium chrome-plated shank for smooth feel and corrosion resistance

Precision-machined tip for exact fit



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

Cushion-Grip handle allows for greater torque and comfort

MADE IN USA

Color-Coded Cushion-Grip Screwdrivers

Includes core Cushion-Grip screwdriver features plus:

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



660

Cat. No.	Tip Type	Shank Type	Shank Length	Color Code	Overall Length	Weight
660	#0 Square-Recess	Round	4" (101.6 mm)	Yellow	7.75" (196.9 mm)	0.20 lb (0.09 kg)
661	#1 Square-Recess	Round	4" (101.6 mm)	Green	7.75" (196.9 mm)	0.20 lb (0.09 kg)
662	#2 Square-Recess	Round	4" (101.6 mm)	Red	8.25" (209.6 mm)	0.30 lb (0.14 kg)
663	#3 Square-Recess	Round	4" (101.6 mm)	Black	8.25" (209.6 mm)	0.30 lb (0.14 kg)
665	#1 Square-Recess	Round	8" (203.2 mm)	Green	11.75" (298.5 mm)	0.30 lb (0.14 kg)
666	#2 Square-Recess	Round	8" (203.2 mm)	Red	12.25" (311.2 mm)	0.40 lb (0.18 kg)
667	#3 Square-Recess	Round	8" (203.2 mm)	Black	12.25" (311.2 mm)	0.40 lb (0.18 kg)
668	#1 Square-Recess	Round	1.5" (38.1 mm)	Green	3.438" (87.3 mm)	0.15 lb (0.07 kg)
19542	T15 TORX®	Round	4" (101.6 mm)	Yellow	8.313" (211.2 mm)	0.20 lb (0.09 kg)
19543	T20 TORX®	Round	4" (101.6 mm)	Green	8.313" (211.2 mm)	0.25 lb (0.11 kg)
19544	T25 TORX®	Round	4" (101.6 mm)	Blue	8.313" (211.2 mm)	0.25 lb (0.11 kg)
19545	T27 TORX®	Round	4" (101.6 mm)	Brown	8.313" (211.2 mm)	0.25 lb (0.11 kg)
19546	T30 TORX®	Round	4" (101.6 mm)	Red	8.313" (211.2 mm)	0.25 lb (0.11 kg)

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

Cat. No.	Set Contains	Weight
19555	TORX® Cushion-Grip Screwdriver Set 5-Piece	1.2 lb (0.5 kg)

Cat. No.	Description
19542	T15 TORX® Screwdriver, Round Shank, Cushion Grip
19543	T20 TORX® Screwdriver, Round Shank, Cushion Grip
19544	T25 TORX® Screwdriver Round Shank, Cushion Grip
19545	T27 TORX® Screwdriver, Round Shank, Cushion Grip
19546	T30 TORX® Screwdriver, Round Shank, Cushion Grip

Cat. No.	Set Contains	Weight
85664	4 Piece Square Recess Screwdriver Set	1.5 lb (0.7 kg)

Cat. No.	Description
660	#0 Square Recess Screwdriver 4" Shank
661	Screwdriver, #1 Square Recess Tip, 4" Shank
662	#2 Square Screwdriver with 4" Round Shank
663	#3 Square Recess Screwdriver, 4" Round Shank

Miniature Screwdrivers



608-6

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
604-3	#0 Phillips	Round	3" (76.2 mm)	5.75" (146.1 mm)	0.6 oz (17 g)
606-2	1/16" (1.59 mm) Keystone	Round	2" (50.8 mm)	4.75" (120.7 mm)	0.5 oz (14 g)
607-3	3/32" (2.4 mm) Cabinet	Round	3" (76.2 mm)	5.75" (146.1 mm)	0.6 oz (17 g)
607-4	3/32" (2.4 mm) Cabinet	Round	4" (101.6 mm)	6.75" (171.5 mm)	0.6 oz (17 g)
608-2	1/8" (3.2 mm) Cabinet	Round	2" (50.8 mm)	4.75" (120.7 mm)	0.5 oz (14 g)
608-3	1/8" (3.2 mm) Cabinet	Round	3" (76.2 mm)	5.75" (146.1 mm)	0.6 oz (17 g)
608-4	1/8" (3.2 mm) Cabinet	Round	4" (101.6 mm)	6.75" (171.5 mm)	0.8 oz (23 g)
608-6	1/8" (3.2 mm) Cabinet	Round	6" (152.4 mm)	8.75" (222.3 mm)	0.8 oz (23 g)
608-8	1/8" (3.2 mm) Cabinet	Round	8" (203.2 mm)	10.75" (273.1 mm)	0.8 oz (23 g)
608-10	1/8" (3.2 mm) Cabinet	Round	10" (254.0 mm)	12.75" (323.9 mm)	0.8 oz (23 g)

Cat. No.	Set Contains	Weight
85484	Mini Cushion-Grip Screwdriver Set 4 Piece	0.14 lb (0.06 kg)

Cat. No.	Description
604-3	#0 Phillips Mini Screwdriver, 3", Cushion Grip
606-2	1/16" Keystone Tip Mini Screwdriver, 2"
607-3	Mini Screwdriver, 3/32" Cabinet Tip, 3"
608-3	Mini Screwdriver, 1/8" Cabinet, 3" Shank

See page 297 for additional information on warnings.

Cushion-Grip Screwdrivers

Cushion-Grip Screwdrivers

Includes core Cushion-Grip screwdriver features plus:

- Narrow cabinet-tip permits blade access where space is limited
- Precision machined combo-tip designed for combination head screws
- Precision machined Phillips tip provides a more consistent geometric symmetry than conventional Phillips screwdrivers to accurately fit and torque without slippage
- Heavy-duty square shank and hex bolster allows wrench-assisted turning
- Bolster reinforces shank for hard use



601-6



600-4



600-1

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
600-1	5/16" (7.9 mm) Cabinet	Round	1.5" (38.1 mm)	3.438" (87.3 mm)	1.6 oz (45 g)
601-3	3/16" (4.8 mm) Cabinet	Round	3" (76.2 mm)	6.75" (171.5 mm)	1.6 oz (45 g)
601-4	3/16" (4.8 mm) Cabinet	Round	4" (101.6 mm)	7.75" (196.9 mm)	2.4 oz (68 g)
601-6	3/16" (4.8 mm) Cabinet	Round	6" (152.4 mm)	9.75" (247.7 mm)	2.4 oz (68 g)
601-8	3/16" (4.8 mm) Cabinet	Round	8" (203.2 mm)	11.75" (298.5 mm)	3.2 oz (91 g)
601-10	3/16" (4.8 mm) Cabinet	Round	10" (254.0 mm)	13.75" (349.3 mm)	3.2 oz (91 g)
7314	#1 Combo	Round	4" (101.6 mm)	8.344" (211.9 mm)	4.8 oz (136 g)
7324	#2 Combo	Round	4" (101.6 mm)	8.344" (211.9 mm)	4.8 oz (136 g)
603-1	#2 Phillips	Round	1.5" (38.1 mm)	3.438" (87.3 mm)	1.6 oz (45 g)
603-3	#1 Phillips	Round	3" (76.2 mm)	6.75" (171.5 mm)	2.4 oz (68 g)
603-4	#2 Phillips	Round	4" (101.6 mm)	8.25" (209.6 mm)	4.0 oz (113 g)
603-6	#3 Phillips	Round	6" (152.4 mm)	11" (279.4 mm)	5.6 oz (159 g)
603-7	#2 Phillips	Round	7" (177.8 mm)	11.313" (287.4 mm)	4.8 oz (136 g)
603-10	#2 Phillips	Round	10" (254.0 mm)	14.313" (363.6 mm)	5.6 oz (159 g)
Heavy Duty					
605-4	1/4" (6.4 mm) Cabinet	Round	4" (101.6 mm)	8.344" (211.9 mm)	4.0 oz (113 g)
605-6	1/4" (6.4 mm) Cabinet	Round	6" (152.4 mm)	10.344" (262.7 mm)	4.8 oz (136 g)
605-8	1/4" (6.4 mm) Cabinet	Round	8" (203.2 mm)	12.344" (313.5 mm)	4.8 oz (136 g)
605-10	1/4" (6.4 mm) Cabinet	Round	10" (254.0 mm)	14.344" (364.3 mm)	5.6 oz (159 g)
Heavy Duty with Bolster					
600-4	1/4" (6.4 mm) Keystone	Square	4" (101.6 mm)	8.344" (211.9 mm)	4.0 oz (113 g)
600-6	5/16" (7.9 mm) Keystone	Square	6" (152.4 mm)	10.938" (277.8 mm)	6.4 oz (181 g)
600-8	3/8" (9.52 mm) Keystone	Square	8" (203.2 mm)	13.438" (341.3 mm)	10.4 oz (295 g)
600-12	1/2" (12.7 mm) Keystone	Square	12" (304.8 mm)	17.438" (442.9 mm)	12.8 oz (363 g)
Heavy Duty with Hex Bolster					
602-3	7/32" (5.6 mm) Keystone	Round	3" (76.2 mm)	6.75" (171.5 mm)	2.4 oz (68 g)
602-4	1/4" (6.4 mm) Keystone	Round	4" (101.6 mm)	8.344" (211.9 mm)	4.0 oz (113 g)
602-6	5/16" (7.9 mm) Keystone	Round	6" (152.4 mm)	10.938" (277.8 mm)	5.6 oz (159 g)
602-8	3/8" (9.52 mm) Keystone	Round	8" (203.2 mm)	13.438" (341.3 mm)	8.8 oz (249 g)
602-10	3/8" (9.52 mm) Keystone	Round	10" (254.0 mm)	15.438" (392.1 mm)	9.6 oz (272 g)
602-12	3/8" (9.52 mm) Keystone	Round	12" (304.8 mm)	17.438" (442.9 mm)	10.4 oz (295 g)

Cat. No.	Set Contains	Weight
85078	8 Piece Cushion-Grip Screwdriver Set	1.7 lb (0.8 kg)

Cat. No.	Description
600-4	1/4" Screwdriver Heavy Duty Square Shank
602-6	5/16" Keystone Tip Screwdriver, 6" Length
600-1	5/16" Cabinet Tip Screwdriver 1-1/2"
601-3	3/16" Cabinet Tip Screwdriver 3"
603-3	#1 Phillips Screwdriver, 3" Round Shank
603-1	Stubby Screwdriver, #2 Phillips, 1-1/2" Shank
603-4	#2 Phillips Screwdriver 4" Round Shank
603-6	#3 Phillips Screwdriver 6" Round Shank

Cat. No.	Set Contains	Weight
85076	7 Piece Cushion-Grip Screwdriver Set	1.5 lb (0.7 kg)

Cat. No.	Description
600-4	1/4" Screwdriver Heavy Duty Square Shank
602-6	5/16" Keystone Tip Screwdriver, 6" Length
601-3	3/16" Cabinet Tip Screwdriver 3"
601-6	3/16" Cabinet Tip Screwdriver 6"
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
603-3	#1 Phillips Screwdriver, 3" Round Shank
603-4	#2 Phillips Screwdriver 4" Round Shank

Cat. No.	Set Contains	Weight
85074	Screwdriver Set, Cushion Grip, 6-Piece	1.5 lb (0.7 kg)

Cat. No.	Description
600-4	1/4" Screwdriver Heavy Duty Square Shank
600-6	5/16" Keystone Screwdriver 6" SQ Shank
601-3	3/16" Cabinet Tip Screwdriver 3"
603-3	#1 Phillips Screwdriver, 3" Round Shank
603-4	#2 Phillips Screwdriver 4" Round Shank
603-6	#3 Phillips Screwdriver 6" Round Shank

Cat. No.	Set Contains	Weight
85075	Cushion-Grip Screwdriver Set, 5-Piece	1.3 lb (0.6 kg)

Cat. No.	Description
602-6	5/16" Keystone Tip Screwdriver, 6" Length
600-4	1/4" Screwdriver Heavy Duty Square Shank
601-6	3/16" Cabinet Tip Screwdriver 6"
605-6	1/4" Cabinet Tip Screwdriver, Heavy Duty, 6"
603-4	#2 Phillips Screwdriver 4" Round Shank

Cat. No.	Set Contains	Weight
85105	4 Piece Cushion-Grip Screwdriver Set	1.5 lb (0.7 kg)

Cat. No.	Description
600-6	5/16" Keystone Screwdriver 6" SQ Shank
600-4	1/4" Screwdriver Heavy Duty Square Shank
601-6	3/16" Cabinet Tip Screwdriver 6"
603-4	#2 Phillips Screwdriver 4" Round Shank

Cat. No.	Set Contains	Weight
85071	Stubby Screwdriver Set, Cushion Grip, 2-Piece	0.30 lb (0.14 kg)

Cat. No.	Description
600-1	5/16" Cabinet Tip Screwdriver 1-1/2"
603-1	Stubby Screwdriver, #2 Phillips, 1-1/2" Shank

Cat. No.	Set Contains	Weight
32378	Combo Tip Driver Set 4"	1.5 lb (0.7 kg)

Cat. No.	Description
7314	#1 Combo-Tip Driver, 4" Fixed Blade
7324	#2 Combo Tip Driver, 4" Fixed Blade

Cat. No.	Set Contains	Weight
85072	Long Blade Screwdriver Set, 10", 2-Piece	0.70 lb (0.32 kg)

Cat. No.	Description
603-10	#2 Phillips Screwdriver 10" Round Shank
605-10	1/4" Cabinet Tip Screwdriver, 10" Shank

See page 297 for additional information on warnings.

Cushion-Grip Screwdrivers

Demolition Screwdrivers

Includes core Cushion-Grip screwdriver features plus:

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



602-7DD

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
602-4DD	1/4" (6.4 mm) Cabinet	Round	4" (101.6 mm)	9" (228.6 mm)	5.9 oz (167 g)
602-7DD	5/16" (7.9 mm) Keystone	Round	7" (177.8 mm)	12.375" (314.3 mm)	9.0 oz (255 g)
6034DD	#2 Phillips	Round	4" (101.6 mm)	9" (228.6 mm)	5.9 oz (167 g)

Cat. No.	Set Contains	Weight
32008	Demolition Driver Set	0.70 lb (0.32 kg)

Cat. No.	Description
602-4DD	1/4" Keystone Demolition Driver, 4" Shank
6034DD	#2 Phillips Demolition Driver, 4" Shank

Electronics Screwdrivers

Includes core Cushion-Grip screwdriver features plus:

- Rotating cap for optimum and precise control



614-6

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
613-3	#0 Phillips	Round	3" (76.2 mm)	6.5" (165.1 mm)	0.8 oz (23 g)
614-2	1/16" (1.59 mm) Cabinet	Round	2" (50.8 mm)	5.5" (139.7 mm)	0.8 oz (23 g)
614-3	3/32" (2.4 mm) Cabinet	Round	3" (76.2 mm)	6.5" (165.1 mm)	0.8 oz (23 g)
614-4	1/8" (3.2 mm) Cabinet	Round	4" (101.6 mm)	7.5" (190.5 mm)	0.8 oz (23 g)
614-6	1/8" (3.2 mm) Cabinet	Round	6" (152.4 mm)	9.5" (241.3 mm)	0.8 oz (23 g)

Cat. No.	Set Contains	Weight
85614	5 Piece Electronics Screwdriver Set	0.80 lb (0.36 kg)

Cat. No.	Description
614-2	1/16" Slotted Electronics Screwdriver, 2"
614-3	3/32" Slotted Electronics Screwdriver, 3"
614-4	1/8" Cabinet Electronics Screwdriver, 4"
614-6	1/8" Cabinet Electronics Screwdriver, 6"
613-3	#0 Phillips Electronics Screwdriver, 3"

Coated Screwdrivers

Includes core Cushion-Grip screwdriver features plus:

- 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

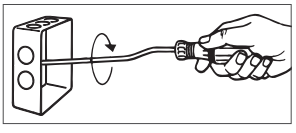
Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
620-3	3/16" (4.8 mm) Cabinet	Round	3" (76.2 mm)	6.75" (171.5 mm)	2.4 oz (68 g)
620-4	1/4" (6.4 mm) Cabinet	Round	4" (101.6 mm)	8.344" (211.9 mm)	3.2 oz (91 g)
620-6	5/16" (7.9 mm) Cabinet	Round	6" (152.4 mm)	10.938" (277.8 mm)	6.4 oz (181 g)
620-8	3/8" (9.52 mm) Cabinet	Round	8" (203.2 mm)	13.438" (341.3 mm)	9.6 oz (272 g)
621-6	3/16" (4.8 mm) Cabinet	Round	6" (152.4 mm)	9.75" (247.7 mm)	3.2 oz (91 g)
621-8	3/16" (4.8 mm) Cabinet	Round	8" (203.2 mm)	11.75" (298.5 mm)	3.2 oz (91 g)

2-in-1 Rapi-Driv®

- 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



67100



Cat. No.	Phillips Bits	Slotted Bits	Shank Length	Handle Color	Overall Length	Weight
67100	#2	3/16" (4.8 mm)	6" (152.4 mm)	Black	9.75" (247.7 mm)	0.26 lb (0.12 kg)

Cushion-Grip Screwdrivers

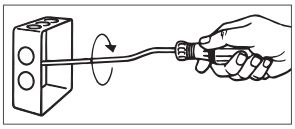
Rapi-Driv® Screwdrivers

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



670-6

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
670-3	3/16" (4.8 mm) Cabinet	Round Rapi-Driv®	4" (101.6 mm)	7.75" (196.9 mm)	2.4 oz (68 g)
670-6	3/16" (4.8 mm) Cabinet	Round Rapi-Driv®	6" (152.4 mm)	9.75" (247.7 mm)	3.2 oz (91 g)
671-6	1/4" (6.4 mm) Cabinet	Round Rapi-Driv®	6" (152.4 mm)	9.75" (247.7 mm)	3.2 oz (91 g)
682-6	#2 Phillips	Round Rapi-Driv®	6" (152.4 mm)	9.75" (247.7 mm)	4.0 oz (113 g)



7-Piece Multiple-Application Screwdriver Set

- Specialty set for a wide variety of applications



85077

Cat. No.	Set Contains	Weight
85077	Multi Application Screwdriver Set, 7-Piece	1.7 lb (0.8 kg)

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length
600-4	1/4" (6.4 mm) Keystone	Square	4" (101.6 mm)	8.344" (211.9 mm)
602-6	5/16" (7.9 mm) Keystone	Round	6" (152.4 mm)	10.938" (277.8 mm)
601-6	3/16" (4.8 mm) Cabinet	Round	6" (152.4 mm)	9.75" (247.7 mm)
605-6	1/4" (6.4 mm) Cabinet	Round	6" (152.4 mm)	10.344" (262.7 mm)
670-6	3/16" (4.8 mm) Cabinet	Round Rapi-Driv®	6" (152.4 mm)	9.75" (247.7 mm)
K36	1/4" (6.4 mm) Slotted	Round	6" (152.4 mm)	9.75" (247.7 mm)
603-4	#2 Phillips	Round	4" (101.6 mm)	8.25" (209.6 mm)

Adjustable-Length Screwdriver Set

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



32751



US Patent: 6,561,523

Cat. No.	Type	Tip Size	Shank Length	Overall Length	Weight
32751	Adjustable-Length Screwdriver	#2 Phillips, 1/4" (6.4 mm) Slotted	4" to 8" (101.6 to 203.2 mm)	13.375" (339.7 mm)	0.70 lb (0.32 kg)
32708	Adjustable-Length Screwdriver	#1, #2 Square	4" to 8" (101.6 to 203.2 mm)	13.375" (339.7 mm)	0.10 lb (0.05 kg)
32709	Replacement Blade	#1, #2 Square	7.75" (196.9 mm)	9" (228.6 mm)	0.10 lb (0.05 kg)
32713	Replacement Blade	#1 Phillips, 3/16" (4.8 mm) Slotted	7.75" (196.9 mm)	9" (228.6 mm)	0.10 lb (0.05 kg)
32618	Replacement Blade	#2 Phillips, 1/4" (6.4 mm) Slotted	4" to 8" (101.6 to 203.2 mm)	9.125" (231.8 mm)	0.25 lb (0.11 kg)
32619	Screwdriver Handle	—	—	5.375" (136.5 mm)	0.20 lb (0.09 kg)

Cat. No.	Set Contains	Weight
32715	Adjustable-Length Replacement Blade Set 3-Pack	0.10 lb (0.05 kg)

Cat. No.	Description
32713	Adjustable-Length Blade, #1 PH, 3/16" Slotted
32618	Adj Screwdriver Blade #2 Phillips 1/4" Slotted
32709	Adjustable-Length Screwdriver Blade, Square #1, #2

See page 297 for additional information on warnings.

Specialty Cushion-Grip Screwdrivers

2-in-1 Hex Slide Driver/Nut Driver

- Unique, patented tip switches from 1/4" size to 5/16" size
- Magnetic regardless of which driver is selected
- Twist the thumb nut to lock tip setting
- U.S. Patent 7,654,175 B2



65129

Cat. No.	Type	Tip Size	Shank Length	Overall Length	Weight
65129	Hex Driver	1/4", 5/16"	6" (152.4 mm)	10.25" (260.4 mm)	0.50 lb (0.23 kg)
65131	Hex Driver	1/4", 5/16"	1.5" (38.1 mm)	3.359" (85.3 mm)	0.18 lb (0.08 kg)

2-in-1 Hex Head Screwdriver

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



65064

Cat. No.	Type	Tip Size	Shank Length	Overall Length	Weight
65064	Hex Driver	1/4" and 5/16"	3.625" (92.1 mm)	8" (203.2 mm)	0.10 lb (0.05 kg)

Screw-Holding Screwdrivers

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



32215

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
32215	1/4" (6.4 mm) Cabinet	Round	7" (177.8 mm)	11.25" (285.8 mm)	5.1 oz (145 g)
32216	#2 Phillips	Round	7" (177.8 mm)	11.25" (285.8 mm)	5.1 oz (145 g)

Terminal Block Screwdriver

Includes core Cushion-Grip screwdriver features plus:

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



612-4

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
612-4	1/8" (3.2 mm) Cabinet	Round	4" (101.6 mm)	7.75" (196.9 mm)	2.4 oz (68 g)

See page 297 for additional information on warnings.

Specialty Cushion-Grip Screwdrivers

Wire Bending Screwdrivers

Includes core Cushion-Grip screwdriver features plus:

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



605-6B

Cat. No.	Bends	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
605-4B	AWG Gauges Nos. 10, 12, 14	Cabinet	1/4" (6.4 mm)	Round	4" (101.6 mm)	8.344" (211.9 mm)	0.25 lb (0.11 kg)
605-6B	AWG Gauges Nos. 10, 12, 14	Cabinet	1/4" (6.4 mm)	Round	6" (152.4 mm)	10.344" (262.7 mm)	0.30 lb (0.14 kg)
603-4B	AWG Gauges Nos. 10, 12, 14	Phillips	#2	Round	4" (101.6 mm)	8.313" (211.2 mm)	0.25 lb (0.11 kg)

Multi-Bit Cushion-Grip Screwdrivers/Nut Drivers

15-in-1 Screwdriver/Nut Drivers

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



INTERNAL STORAGE
in handle



32290

Cat. No.	Description	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Hex Bits	Combo Bits	Torx® Bits	Other Bits	Shank Length	Handle Color	Overall Length	Weight
32290	Multi-Bit Screwdriver with Storage 15-Piece	1/4"	#0, #1, #2, #3	4 mm, 6 mm	#1, #2	—	#1, #2	#10, #15, #20, #25	—	4" (101.6 mm)	Black	8.5" (215.9 mm)	0.50 lb (0.23 kg)
32291	Tamperproof Multi-Bit Screwdriver Set 15-Piece	1/4"	—	—	—	Pins: 1/8", 9/64", 5/32", 3/16"	—	Pins: #10, #15, #20, #25, #27, #30	Spanners: #6, #8, #10, #12	4" (101.6 mm)	Black	8.5" (215.9 mm)	0.50 lb (0.23 kg)
32292	HVAC Multi-Bit Screwdriver, 15-in-1 15-Piece	1/4"	#0, #1, #2, #3	4 mm, 6 mm	#1, #2	—	—	#10, #15, #20, #25	Schrader® Valve Insertion/ Core Removal	4" (101.6 mm)	Black	8.5" (215.9 mm)	0.50 lb (0.23 kg)

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

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

- Precision machined tip designed for combination head screws



32505

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Combo Bits	Shank Length	Handle Color	Overall Length	Weight
32505	1/4", 5/16" 3/8"	#1, #2	1/4" (6.4 mm), 5/16" (7.9 mm)	#1, #2	#1, #2	4" (101.6 mm)	Yellow/Black	7.25" (184.2 mm)	0.50 lb (0.23 kg)

See page 297 for additional information on warnings.

Additional and replacement bits can be found on page 60

Multi-Bit Cushion-Grip Screwdrivers/Nut Drivers

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



32527

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

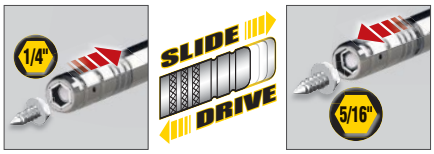
Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Other Bits	Shank Length	Handle Color	Overall Length	Weight
32527	3/8", 5/16", 1/4"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	Schrader® Valve Insertion/Core Removal	3" (76.2 mm)	Yellow/Black	7.75" (196.9 mm)	0.44 lb (0.20 kg)

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

8-in-1 HVAC Slide Driver™ Screwdriver/Nut Driver



32596



- Unique, patented head slides back and forth to switch from 1/4" to 5/16" magnetic hex-head screwdriver
- Thumb nut locks tip setting
- Features a specialty bit for installation/removal of common TR-4 Schrader® valves
- Includes 1/4" and 3/8" hollow nut drivers, as well as #2 Phillips, 1/8" (3 mm) and 1/4" (6 mm) slotted screwdriver tips
- Great for HVAC applications including thermostat installation and control work
- U.S. patent 7,654,175 B2

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Other Bits	Shank Length	Handle Color	Overall Length	Weight
32596	1/4" Magnetic, 5/16" Magnetic, 1/4", 3/8"	#2	1/8" (3.2 mm), 1/4" (6.4 mm)	Schrader® Valve Insertion/ Core Removal	3.25" (82.6 mm)	Yellow/Black	7.5" (190.5 mm)	0.50 lb (0.2 kg)

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

4-in-1 Electronics Precision Screwdrivers


32581

- Four different tips in one tool
- Rotating cap for optimum and precise control

Cat. No.	Phillips Bits	Slotted Bits	TORX® Bits	Shank Length	Handle Color	Overall Length	Weight
32581	#0, #00	1/8" (3.2 mm), 3/32" (2.4 mm)	—	2.797" (71 mm)	Yellow/Black	6.5" (165.1 mm)	1.1 oz (31 g)
32585	—	—	T7, T8, T10, T15	2.797" (71 mm)	Yellow/Black	6.5" (165.1 mm)	1.1 oz (31 g)

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

Additional and replacement bits can be found on page 60
See page 297 for additional information on warnings.

Multi-Bit Cushion-Grip Screwdrivers/Nut Drivers

Ratcheting Multi-Bit Screwdriver/Nut Driver

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



32558

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Hex Bits	Shank Length	Handle Color	Overall Length	Weight
32558	1/4", 5/16", 3/8"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	3/8"	2.953" (75 mm)	Yellow/Black	7.891" (200.4 mm)	0.48 lb (0.22 kg)

6-in-1 Ratcheting Stubby Screwdrivers

- Ratcheting mechanism allows user to work faster with more efficiency



32593

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Shank Length	Handle Color	Overall Length	Weight
32593	1/4", 5/16"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	—	1.297" (32.9 mm)	Yellow/Black	3.5" (88.9 mm)	0.10 lb (0.05 kg)
32594	1/4", 5/16"	#2	3/16" (4.8 mm)	#1, #2	1.297" (32.9 mm)	Yellow/Black	3.5" (88.9 mm)	0.10 lb (0.05 kg)

Heavy-Duty Multi-Bit Screwdriver/Nut Driver

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



32557

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Hex Bits	Shank Length	Handle Color	Overall Length	Weight
32557	1/4", 5/16", 3/8"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	3/8"	2.953" (75 mm)	Yellow/Black	7.891" (200.4 mm)	0.48 lb (0.22 kg)

See page 297 for additional information on warnings.

Additional and replacement bits can be found on page 60

Multi-Bit Cushion-Grip Screwdrivers/Nut Drivers

Multi-Bit Screwdriver/Nut Drivers

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



32476

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	TORX® Bits	Shank Length	Handle Color	Overall Length	Weight
32476	5/16"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	—	—	4" (101.6 mm)	Yellow/Black	7.75" (196.9 mm)	0.48 lb (0.22 kg)
32477	5/16", 1/4"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	T10, T15	4" (101.6 mm)	Yellow/Black	7.75" (196.9 mm)	0.50 lb (0.23 kg)
32500	3/8", 5/16", 1/4"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	T10, T15	3" (76.2 mm)	Yellow/Black	7.25" (184.2 mm)	0.50 lb (0.23 kg)

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

Stubby Multi-Bit Screwdriver/Nut Driver

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



32561

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Shank Length	Handle Color	Overall Length	Weight
32561	1/4", 5/16"	#1, #2	3/16" (4.8 mm), 1/4" (6.4 mm)	—	1.266" (32.2 mm)	Yellow/Black	3.406" (86.5 mm)	0.16 lb (0.07 kg)
32562	1/4", 5/16"	#2	3/16" (4.8 mm)	#1, #2	1.266" (32.2 mm)	Yellow/Black	3.406" (86.5 mm)	0.16 lb (0.07 kg)

Extended-Reach Multi-Bit Screwdrivers/Nut Drivers

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



32559

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Shank Length	Handle Color	Overall Length	Weight
32559	1/4", 5/16"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	—	4.109" (104.4 mm)	Yellow/Black	9.109" (231.4 mm)	0.41 lb (0.19 kg)
32560	1/4", 5/16"	#2	1/4" (6.4 mm)	#1, #2	4.109" (104.4 mm)	Yellow/Black	9.109" (231.4 mm)	0.41 lb (0.19 kg)

Additional and replacement bits can be found on page 60

See page 297 for additional information on warnings.

Multi-Bit Screwdrivers/Nut Drivers

10-in-1 Folding Screwdriver/Nut Driver

10-FOLD™

- 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
- Quick release button easily unlocks a fully extended driver arm



32535

32534
Schrader®



32535
Standard



32536
TORX®



32537
Tamperproof **TORX®**



32538
Standard **Hex**



32539
Metric **Hex**



Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Hex Bits	TORX® Bits	Other Bits	Handle Color	Weight
32534	5/16", 1/4"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	—	—	Schrader® Valve Insertion/ Core Removal	Blue	0.37 lb (0.17 kg)
32535	5/16", 1/4"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	—	T10, T15	—	Black	0.37 lb (0.17 kg)
32536	5/16", 1/4"	—	—	—	—	T6, T7, T8, T10, T15, T20, T25, T27	—	Green	0.37 lb (0.17 kg)
32537	5/16", 1/4"	—	—	—	—	T7, T8, T9, T10, T15, T20, T25, T27	—	Green	0.37 lb (0.17 kg)
32538	5/16", 1/4"	—	—	—	1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	—	—	Red	0.37 lb (0.17 kg)
32539	5/16", 1/4"	—	—	—	0.9 mm, 1.3 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	—	—	Blue	0.37 lb (0.17 kg)

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

Magnetic Screwdriver Bit Sets

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

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



32510


TAMERPROOF BIT SET INCLUDED WITH SET, ALSO SOLD SEPARATELY
32525


STANDARD BIT SET SOLD SEPARATELY
32526

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Hex Bits	TORX® Bits	Other Bits	Shank Length	Handle Color	Overall Length	Weight
32510	1/4"	—	—	—	3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	T7, T8, T10, T15, T20, T25, T27, T30, T40	**Spanner:** 4, 6, 8, 10; **Tri-Wing®:** 1, 2; **TORQ-SET®:** 6, 8, 10	3.5" (88.9 mm)	Yellow/ Black	8" (203.2 mm)	0.71 lb (0.32 kg)
Replacement Bits											
Cat. No.	**Nut Driver Sizes**	**Phillips Bits**	**Slotted Bits**	**Square Bits**	**Hex Bits**	**TORX® Bits**	**Other Bits**	**Shank Length**	**Handle Color**	**Overall Length**	**Weight**
32526	—	#0, #1, #2, #3	3-4, 5-6, 6-8, 8-10, 10-12, 12-14 Screw Sizes	#1, #2, #3	2mm, 3/32", 7/64", 1/8", 9/64", 4mm, 3/16"	T6, T7, T8, T10, T15, T20, T25	**Clutch:** 5/32" (4 mm), 3/16" (4.8 mm)	—	—	1" (25.4 mm)	0.43 lb (0.20 kg)
32525	—	—	—	—	5/64" (2 mm), 3/32" (2.4 mm), 7/64" (2.8 mm), 1/8" (3.2 mm), 9/64" (3.6 mm), 5/32" (4.0 mm), 3/16" (4.8 mm), 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	T7, T8, T10, T15, T20, T25, T27, T30, T40	**Spanner:** 4, 6, 8, 10; **Tri-Wing®: 1**, 2, 3, 4	—	—	1" (25.4 mm)	0.43 lb (0.20 kg)

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

See page 297 for additional information on warnings.



Additional and replacement bits can be found on page 60

Multi-Bit Screwdriver/Nut Driver Replacement Parts and Bits

Replacement Parts for Multi-Bit Screwdriver/Nut Drivers

- Precision-machined tips for exact fit into fastener


32398


32396


32397


32484


32478


32784



32781



13105

Cat. No.	Tip Type	For Use With	Package Quantity
32392	—	Heavy Duty (32557) and Ratcheting (32558)	1 Piece
32394	—	Heavy Duty (32557) and Ratcheting (32558)	2 Piece
32395	—	Extended Reach Drivers (32559 and 32560)	1 Piece
32396	—	Stubby Drivers (32561 and 32562)	1 Piece
32397	#2 Phillips; #1 Square	Heavy Duty (32557) and Ratcheting (32558)	2 Bits
32398	#1 Phillips; 1/4" (6.4 mm) Slotted	Heavy Duty (32557), Ratcheting (32558) and Stubby (32561)	2 Bits
32399	#2 Square; 3/16" (4.8 mm) Slotted	Heavy Duty (32557) and Ratcheting (32558)	2 Bits
32400	#1, #2 Phillips	Extended Reach (32559)	2 Bits
32401	3/16" (4.8 mm), 1/4" 6.4 mm) Slotted	Extended Reach (32559)	2 Bits
32410	#2 Square; #2 Phillips	Stubby Driver (32560)	2 Bits
32411	#1 Square; 1/4" (6.4 mm) Slotted	Stubby Driver (32560)	2 Bits
32412	#2 Phillips; 3/16" (4.8 mm) Slotted	Stubby Driver (32561)	2 Bits
32478	#1 Phillips; 3/16" (4.8 mm) Slotted	5-in-1 (32476)	1 Bit
32479	#2 Phillips; 9/32" (7.1 mm) Slotted	5-in-1 (32476)	1 Bit
32482	#1 Phillips; 3/16" (4.8 mm) Slotted	10-in-1, 11-in-1 and 10-Fold™	2 Bits
32483	#2 Phillips; 1/4" (6.4 mm) Slotted	10-in-1, 11-in-1 and 10-Fold™	2 Bits
32484	#1, #2 Square	10-in-1, 11-in-1 and 10-Fold™	2 Bits
67101	#2 Phillips, 3/16" (4.8 mm) Slotted	2-in-1 Rapi-Driv®, 10-in-1, 11-in-1 and 10-Fold	2 Bits
32540	TT7, TT8 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32541	TT9, TT10 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32542	TT15, TT20 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32543	TT25, TT27 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32544	T6,T7 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32485	T10 and T15 TORX®	10-in-1, 11-in-1 and 10-Fold™	2 Bits
32545	T8, T10 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32546	T25, T27 TORX®	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32547	3/32", 7/64" Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32548	5/32", 3/16" Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32549	1/6", 5/64" Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32550	1/8", 9/64" Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32551	0.9 mm, 1.3 mm Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32552	1.5 mm, 2.0 mm Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32553	2.5 mm, 3.0 mm Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32554	4.0 mm, 5.0 mm Hex	10-in-1, 11-in-1 and 10-Fold™ Multi-bit Drivers	2 Bits
32752	#1, #2 Combo	Combo-Tip Multi-Tool (32505)	2 Bits
32528	Schrader® Valve Core Tool	All Klein Tools 2-in-1, 10-in-1, 11-in-1 and 10-Fold Screwdrivers	1 Bit
32770	#1, #2 Phillips	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32771	#0, #3 Phillips	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32772	#1, #2 Square	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32773	T10, T15 TORX®	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32774	T20, T25 TORX®	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32775	4 mm, 6 mm Slotted	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32776	#1, #2 Combo	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32777	6, 8 Spanner	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32778	10, 12 Spanner	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32779	1/8, 9/64 Hex Pin	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32780	5/32, 3/16 Hex Pin	15-in-1 Screwdrivers (32290, 32291, 32292)	1 Bit
32781	10, 15 Tamperproof	15-in-1 Tamperproof Screwdriver (32291)	1 Bit
32782	20, 25 Tamperproof	15-in-1 Tamperproof Screwdriver (32291)	1 Bit
32783	27, 30 Tamperproof	15-in-1 Tamperproof Screwdriver (32291)	1 Bit
32784	Schrader® Valve Core Tool	15-in-1 HVAC Screwdriver (32292)	1 Bit
13391	#0 Phillips; 3/32" (2.4 mm) Slotted	4-in-1 Electronics Screwdriver (32581, 32585)	2 Bits
13392	#00 Phillips; 1/8" (3.2 mm) Slotted	4-in-1 Electronics Screwdriver (32581, 32585)	2 Bits
13104	T7, T10 Tamperproof TORX®	4-in-1 Electronics Screwdrivers (32581, 32585)	2 Bits
13105	T8, T15 TORX®	4-in-1 Electronics Screwdrivers (32581, 32585)	2 Bits
13231	Schrader® Valve Core Tool; 1/8" (3.2 mm) Slotted	HVAC 8-in-1 Slide Driver™ Screwdriver/Nut Driver (32596) and 11-in-1 Multi-bit Screwdriver (Cat. No. 32527)	1 Bit

See page 297 for additional information on warnings.

Meets or exceeds applicable ASME / ANSI and MIL specifications

Plastic-Handle Screwdrivers



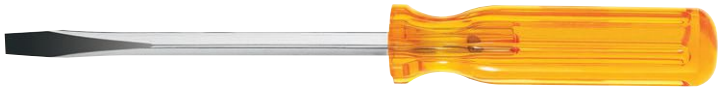
Plastic-Handle Screwdrivers

Includes core Plastic-Handle Screwdriver features plus:

- Precision-machined Phillips tips provide a more consistent geometric symmetry to ensure accurate fit and torque without slippage
- Small-diameter cabinet-tip shanks for use in recessed holes or tight places and is well-suited for electrical and telecommunications work
- 35% larger than comparable screwdriver handles, the oversided Bull Driver handles deliver up to 50% extra power to perform tough jobs with minimal effort



P28



BD306

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
P18	#1 Phillips	Round	8" (203.2 mm)	11.5" (292.1 mm)	2.4 oz (68 g)
P28	#2 Phillips	Round	8" (203.2 mm)	11.625" (295.3 mm)	3.2 oz (91 g)
P212	#2 Phillips	Round	12" (304.8 mm)	15.625" (396.9 mm)	4.0 oz (113 g)
P202	#2 Phillips	Round	20" (508.0 mm)	24.5" (622.3 mm)	8.8 oz (249 g)
A000	3/32" (2.4 mm) Keystone	Round	1.5" (38.1 mm)	2.875" (73 mm)	0.32 oz (9 g)
A216-3	1/8" (3.2 mm) Cabinet	Round	3" (76.2 mm)	6" (152.4 mm)	0.8 oz (23 g)
A216-4	1/8" (3.2 mm) Cabinet	Round	4" (101.6 mm)	7" (177.8 mm)	0.8 oz (23 g)
A216-6	1/8" (3.2 mm) Cabinet	Round	6" (152.4 mm)	9" (228.6 mm)	0.8 oz (23 g)
A216-8	1/8" (3.2 mm) Cabinet	Round	8" (203.2 mm)	11" (279.4 mm)	0.8 oz (23 g)
A216-10	1/8" (3.2 mm) Cabinet	Round	10" (254.0 mm)	13" (330.2 mm)	0.8 oz (23 g)
A316-4	3/16" (4.8 mm) Cabinet	Round	4" (101.6 mm)	7.625" (193.7 mm)	1.6 oz (45 g)
A316-6	3/16" (4.8 mm) Cabinet	Round	6" (152.4 mm)	9.625" (244.5 mm)	1.6 oz (45 g)
A316-8	3/16" (4.8 mm) Cabinet	Round	8" (203.2 mm)	11.625" (295.3 mm)	2.4 oz (68 g)
A316-10	3/16" (4.8 mm) Cabinet	Round	10" (254.0 mm)	13.625" (346.1 mm)	3.2 oz (91 g)
70155	3/16" (4.8 mm) Cabinet	Round	20" (508.0 mm)	24.5" (622.3 mm)	7.2 oz (204 g)
Bull Driver™ Plastic Handle Screwdrivers					
BD284	1/4" (6.4 mm) Keystone	Square	4" (101.6 mm)	8.5" (215.9 mm)	4.0 oz (113 g)
BD306	5/16" (7.9 mm) Keystone	Square	6" (152.4 mm)	11.188" (284.2 mm)	5.6 oz (159 g)
BD308	5/16" (7.9 mm) Keystone	Square	8" (203.2 mm)	13.188" (335 mm)	6.4 oz (181 g)
BD410	3/8" (9.5 mm) Keystone	Square	10" (254.0 mm)	15.188" (385.8 mm)	9.6 oz (272 g)
BD412	3/8" (9.5 mm) Keystone	Square	12" (304.8 mm)	17.188" (436.6 mm)	12.0 oz (340 g)
BD144	1/4" (6.4 mm) Keystone	Round	4" (101.6 mm)	8.5" (215.9 mm)	4.0 oz (113 g)
BD146	1/4" (6.4 mm) Keystone	Round	6" (152.4 mm)	10.5" (266.7 mm)	4.0 oz (113 g)
BD156	5/16" (7.9 mm) Keystone	Round	6" (152.4 mm)	11.188" (284.2 mm)	5.6 oz (159 g)
BD408	3/8" (9.5 mm) Keystone	Round	8" (203.2 mm)	13.188" (335 mm)	8 oz (227 g)
BD111	#1 Phillips	Round	3" (76.2 mm)	6.625" (168.3 mm)	1.6 oz (45 g)
BD122	#2 Phillips	Round	4" (101.6 mm)	8.5" (215.9 mm)	3.2 oz (91 g)
BD133	#3 Phillips	Round	6" (152.4 mm)	11.188" (284.2 mm)	5.6 oz (159 g)

Cat. No.	Set Contains	Weight
85276	7 Piece Combination Screwdriver Set	1.1 lb (0.5 kg)

Cat. No.	Description
BD284	1/4" Keystone Screwdriver 4" Square Shank
BD306	5/16" Keystone Screwdriver 6" Shank
A216-3	1/8" Cabinet Tip Screwdriver 3" Shank
A216-4	1/8" Cabinet Screwdriver 4" Round Shank
A216-6	Screwdriver, 1/8" Cabinet Tip, 6"
BD111	#1 Profilated Phillips Screwdriver, 3" Shank
BD122	Profilated #2 Phillips Screwdriver 4"

See page 297 for additional information on warnings.

Plastic-Handle Screwdrivers

Pocket-Clip Screwdrivers



A116-3

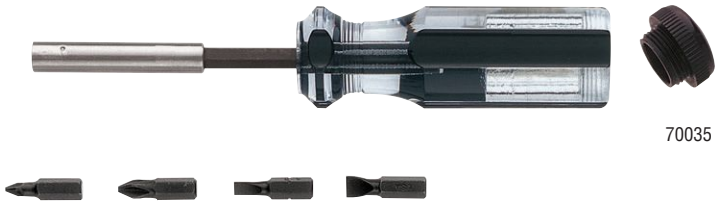
Includes core Plastic-Handle Screwdriver features plus:

- Specially designed for delicate instrument work

Cat. No.	Tip Type	Shank Type	Shank Length	Overall Length	Weight
A130-2	1/8" (3.2 mm) Keystone	Round	2" (50.8 mm)	3.875" (98.4 mm)	0.8 oz (23 g)
A130-3	1/8" (3.2 mm) Keystone	Round	3" (76.2 mm)	4.875" (123.8 mm)	0.6 oz (17 g)
A116-2	3/32" (2.4 mm) Keystone	Round	2" (50.8 mm)	4.438" (112.7 mm)	0.8 oz (23 g)
A116-3	3/32" (2.4 mm) Keystone	Round	3" (76.2 mm)	5.438" (138.1 mm)	0.5 oz (14 g)
A131-2	1/8" (3.2 mm) Keystone	Round	2" (50.8 mm)	4.438" (112.7 mm)	0.8 oz (23 g)
P12	#0 Phillips	Round	2.5" (63.5 mm)	5" (127.0 mm)	0.8 oz (23 g)

Magnetic Plastic-Handle Screwdriver

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



70035

Cat. No.	Phillips Bits	Slotted Bits	Shank Length	Handle Color	Overall Length	Weight
70035	#1, #2	3/16" (4.8 mm), 9/32" (7.1 mm)	3.75" (95.3 mm)	Black and Clear	3.438" (87.3 mm)	0.25 lb (0.11 kg)

Slotted Plastic-Handle Screw-Holding Screwdrivers

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



K36

Cat. No.	Tip Type	Shank Type	Overall Length	Weight
K23	3/16" (4.8 mm) Slotted	Round	5.25" (133.4 mm)	0.80 oz (22.7 g)
K28	3/16" (4.8 mm) Slotted	Round	10.25" (260.4 mm)	0.10 lb (0.05 kg)
K34	1/4" (6.4 mm) Slotted	Round	7.75" (196.9 mm)	0.10 lb (0.05 kg)
K36	1/4" (6.4 mm) Slotted	Round	9.75" (247.7 mm)	0.15 lb (0.07 kg)
K38	1/4" (6.4 mm) Slotted	Round	11.75" (298.5 mm)	0.20 lb (0.09 kg)
K44	5/16" (7.9 mm) Slotted	Round	8.25" (209.6 mm)	0.25 lb (0.11 kg)
K46	5/16" (7.9 mm) Slotted	Round	10.25" (260.4 mm)	0.25 lb (0.11 kg)
K48	5/16" (7.9 mm) Slotted	Round	12.25" (311.2 mm)	0.30 lb (0.14 kg)

Precision blade for use with small precision screws. Blade thickness of 0.028" expanding to 0.045".
‡ Blade thickness of 0.043" expanding to 0.085". K21 and K23 have pocket clips.

Cat. No.	Set Contains	Weight
SK234	Slotted Holding Screwdriver Set 3 Pc	0.40 lb (0.18 kg)

Cat. No.	Description
K23	3/16" Screw Holding Screwdriver, 3"
K34	Slotted Screw Holding Screwdriver 4"
K46	5/16" Slotted Holding Screwdriver, 6"

See page 297 for additional information on warnings.

Screw-Holding Screwdrivers

Phillips-Tip Screw-Holding Screwdrivers



K16

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

Cat. No.	Tip Type	Shank Type	Overall Length	Weight
K14	Phillips	Round	5" (127.0 mm)	0.80 oz (22.7 g)
K16	Phillips	Round	7" (177.8 mm)	0.80 oz (22.7 g)
K19	Phillips	Round	9" (228.6 mm)	0.80 oz (22.7 g)

Impact and Torque Drivers

Reversible Impact-Driver Set





70220

- 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



BITS FOR IMPACT DRIVER SET
70229

Cat. No.	Phillips Bits	Nut Driver Sizes	Slotted Bits	Included	Weight
70220	#2 and #4	5/16"	5/16" (7.9 mm) and 1/2" (12.7 mm)	3/8" (9.5 mm) Square Drive fitting Adapter	2.2 lb (1.0 kg)

Torque Screwdriver Set



57032

- Compact, easy to use set includes the Torque Screwdriver, a 6-piece bit set and a rugged case with foam inserts for a tight, organized fit
- Increased usability and readability plus a wider torque range (5-40 in. lbs)
- Tri-lobular design with a textured finish for better grip
- Lightweight, aluminum frame
- N.I.S.T. traceable calibration certificate
- Set includes six 3-1/2" (89 mm) power drivers and a 1/4" nut driver

Cat. No.	Included	Weight
57032	**Phillips:** #1 and #2; **Slotted: 3**/16" (4.8 mm) and 1/4" (6.4 mm); Sq**uare: #1** and #2 and 1/4" Nut Driver	1.0 lb (0.5 kg)

See page 297 for additional information on warnings.

Heavy-Duty Cushion-Grip Nut Drivers

Through-handle full-hollow shaft
design for torquing hex nuts onto threaded rod of any length



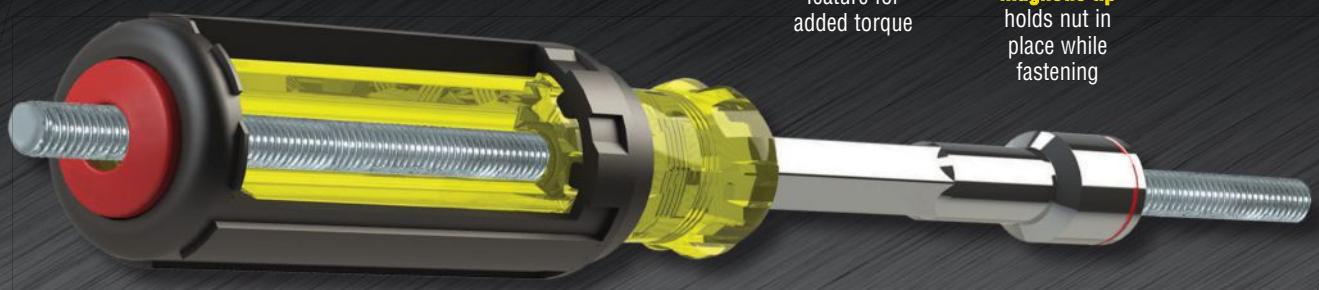
Wrench-assist feature for added torque



Rare-earth magnetic tip holds nut in place while fastening



Color-coded ends and tips for easy size identification



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

MADE IN USA GLOBAL COMPONENTS

Heavy-Duty Nut Drivers



635-1/4



635-5/16



635-3/8



635-7/16



635-1/2



635-9/16

Cat. No.	Nut Driver Sizes	Shaft Length	Color Code	Overall Length	Weight
635-1/4	1/4"	4" (101.6 mm)	Red	9" (228.6 mm)	0.30 lb (0.14 kg)
635-5/16	5/16"	4" (101.6 mm)	Yellow	9" (228.6 mm)	0.30 lb (0.14 kg)
635-3/8	3/8"	4" (101.6 mm)	Blue	9" (228.6 mm)	0.30 lb (0.14 kg)
635-7/16	7/16"	4" (101.6 mm)	Brown	9.391" (238.5 mm)	0.40 lb (0.18 kg)
635-1/2	1/2"	4" (101.6 mm)	Red	9.391" (238.5 mm)	0.50 lb (0.23 kg)
635-9/16	9/16"	4" (101.6 mm)	Orange	9.391" (238.5 mm)	0.50 lb (0.23 kg)

Cat. No.	Set Contains	Weight
635-6	Heavy-Duty Nut Driver Set, 6-Piece	2.5 lb (1.1 kg)

Cat. No.	Description
635-1/4	1/4" Nut Driver, Magnetic Tip, 4" Shaft
635-5/16	Heavy-Duty Nut Driver, 5/16"
635-3/8	3/8" Heavy-Duty Nut Driver
635-7/16	7/16" Heavy-Duty Nut Driver
635-1/2	1/2" Heavy-Duty Nut Driver
635-9/16	9/16" Heavy-Duty Nut Driver

Cat. No.	Set Contains	Weight
635-4	Heavy-Duty Nut Driver Set, 4-Piece	1.4 lb (0.6 kg)

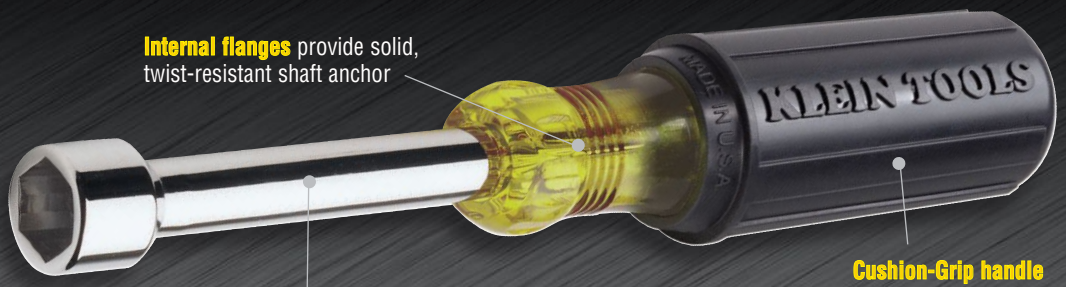
Cat. No.	Description
635-1/4	1/4" Nut Driver, Magnetic Tip, 4" Shaft
635-5/16	Heavy-Duty Nut Driver, 5/16"
635-3/8	3/8" Heavy-Duty Nut Driver
635-7/16	7/16" Heavy-Duty Nut Driver

See page 297 for additional information on warnings.

Cushion-Grip Nut Drivers

Meets or exceeds applicable ASME / ANSI and MIL specifications

Internal flanges provide solid, twist-resistant shaft anchor



Premium chrome-plated shaft
for smooth feel and corrosion resistance

Cushion-Grip handle
for greater torque and comfort

Handle end is also color coded for easy identification



Tip-Ident® quickly identifies nut driver and size

MADE IN USA

Magnetic-Tip Hollow-Shaft Nut Drivers

Includes core Cushion-Grip Nut Driver features plus:

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



630-3/8M

Cat. No.	Nut Driver Sizes	Shaft Length	Color Code	Overall Length	Weight
610-1/4M	1/4"	1.5" (38.1 mm)	Red	3.5" (88.9 mm)	0.10 lb (0.05 kg)
610-5/16M	5/16"	1.5" (38.1 mm)	Yellow	3.5" (88.9 mm)	0.10 lb (0.05 kg)
630-3/16M	3/16"	3" (76.2 mm)	Black	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-1/4M	1/4"	3" (76.2 mm)	Red	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-5/16M	5/16"	3" (76.2 mm)	Yellow	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-11/32M	11/32"	3" (76.2 mm)	Green	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-3/8M	3/8"	3" (76.2 mm)	Blue	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-7/16M	7/16"	3" (76.2 mm)	Brown	7.313" (185.8 mm)	0.25 lb (0.11 kg)
630-1/2M	1/2"	3" (76.2 mm)	Red	7.313" (185.8 mm)	0.25 lb (0.11 kg)
646-3/16M	3/16"	6" (152.4 mm)	Black	9.75" (247.7 mm)	0.25 lb (0.11 kg)
646-1/4M	1/4"	6" (152.4 mm)	Red	9.75" (247.7 mm)	0.25 lb (0.11 kg)
646-5/16M	5/16"	6" (152.4 mm)	Yellow	9.75" (247.7 mm)	0.25 lb (0.11 kg)
646-11/32M	11/32"	6" (152.4 mm)	Green	9.75" (247.7 mm)	0.25 lb (0.11 kg)
646-3/8M	3/8"	6" (152.4 mm)	Blue	9.75" (247.7 mm)	0.30 lb (0.14 kg)
646-7/16M	7/16"	6" (152.4 mm)	Brown	10.313" (262 mm)	0.35 lb (0.16 kg)
646-1/2M	1/2"	6" (152.4 mm)	Red	10.313" (262 mm)	0.35 lb (0.16 kg)
618-1/4M	1/4"	18" (457.2 mm)	Red	21.75" (552.5 mm)	0.50 lb (0.23 kg)
618-5/16M	5/16"	18" (457.2 mm)	Yellow	21.75" (552.5 mm)	0.50 lb (0.23 kg)

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

Cat. No.	Set Contains	Weight
631M	Magnetic Nut Driver Set 3" Shaft, 7 Pc	1.5 lb (0.7 kg)

Cat. No.	Description
630-3/16M	3/16" Magnetic Tip Nut Driver 3" Shaft
630-1/4M	1/4" Magnetic Tip Nut Driver 3" Shaft
630-5/16M	5/16" Nut Driver with Hollow Shaft
630-11/32M	11/32" Magnetic Tip Nut Driver, 3" Shaft
630-3/8M	3/8" Magnetic Tip Nut Driver
630-7/16M	7/16" Magnetic Tip Nut Driver 3" Shaft
630-1/2M	Nut Driver, 1/2" Magnetic Tip, 3" Shaft

Cat. No.	Set Contains	Weight
647M	Magnetic Nut Driver Set, 6" Shafts, 7-Piece	1.5 lb (0.7 kg)

Cat. No.	Description
646-3/16M	3/16" Magnetic Nut Driver, 6" Shaft
646-1/4M	1/4" Magnetic Tip Nut Driver 6" Shaft
646-5/16M	5/16" Magnetic Nut Driver Cushion-Grip
646-11/32M	11/32" Magnetic Nut Driver 6" Hollow Shaft
646-3/8M	3/8" Magnetic Tip Nut Driver 6" Shaft
646-7/16M	7/16" Magnetic Tip Nut Driver 6" Shaft
646-1/2M	1/2" Magnetic Tip Nut Driver 6" Shaft

Cat. No.	Set Contains	Weight
630M	Magnetic Nut Driver Set 3" Shank 2-Piece	0.40 lb (0.18 kg)

Cat. No.	Description
630-1/4M	1/4" Magnetic Tip Nut Driver 3" Shaft
630-5/16M	5/16" Nut Driver with Hollow Shaft

Cat. No.	Set Contains	Weight
646M	Nut Driver Set 6" Shafts, Magnetic 2 Pc	0.50 lb (0.23 kg)

Cat. No.	Description
646-1/4M	1/4" Magnetic Tip Nut Driver 6" Shaft
646-5/16M	5/16" Magnetic Nut Driver Cushion-Grip

Cat. No.	Set Contains	Weight
610M	Stubby Nut Driver Set 1-1/2" Shafts Magnetic 2 Pc	0.20 lb (0.09 kg)

Cat. No.	Description
610-1/4M	1/4" Hollow Magnetic Nut Driver, 1-1/2"
610-5/16M	5/16" Magnetic Nut Driver, 1-1/2" Shaft

See page 297 for additional information on warnings.

Cushion-Grip Nut Drivers

Hollow-Shaft Nut Drivers

Includes core Cushion-Grip Nut Driver features plus:

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



630-11MM

Refer to the insulated section for insulated nut drivers.

Cat. No.	Nut Driver Sizes	Shaft Length	Color Code	Overall Length	Weight
610-1/4	1/4"	1.5" (38.1 mm)	Red	3.5" (88.9 mm)	0.10 lb (0.05 kg)
610-5/16	5/16"	1.5" (38.1 mm)	Yellow	3.5" (88.9 mm)	0.10 lb (0.05 kg)
630-3/16	3/16"	3" (76.2 mm)	Black	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-1/4	1/4"	3" (76.2 mm)	Red	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-5/16	5/16"	3" (76.2 mm)	Yellow	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-11/32	11/32"	3" (76.2 mm)	Green	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-3/8	3/8"	3" (76.2 mm)	Blue	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-7/16	7/16"	3" (76.2 mm)	Brown	7.313" (185.8 mm)	0.25 lb (0.11 kg)
630-1/2	1/2"	3" (76.2 mm)	Red	7.313" (185.8 mm)	0.25 lb (0.11 kg)
630-9/16	9/16"	4" (101.6 mm)	Orange	9.375" (238.1 mm)	0.35 lb (0.16 kg)
630-5/8	5/8"	4" (101.6 mm)	Yellow	9.375" (238.1 mm)	0.35 lb (0.16 kg)
646-3/16	3/16"	6" (152.4 mm)	Black	9.75" (247.7 mm)	0.25 lb (0.11 kg)
646-1/4	1/4"	6" (152.4 mm)	Red	9.75" (247.7 mm)	0.25 lb (0.11 kg)
646-5/16	5/16"	6" (152.4 mm)	Yellow	9.75" (247.7 mm)	0.25 lb (0.11 kg)
646-11/32	11/32"	6" (152.4 mm)	Green	9.75" (247.7 mm)	0.25 lb (0.11 kg)
646-3/8	3/8"	6" (152.4 mm)	Blue	9.75" (247.7 mm)	0.30 lb (0.14 kg)
646-7/16	7/16"	6" (152.4 mm)	Brown	10.313" (262 mm)	0.35 lb (0.16 kg)
646-1/2	1/2"	6" (152.4 mm)	Red	10.313" (262 mm)	0.35 lb (0.16 kg)
646-9/16	9/16"	6" (152.4 mm)	Orange	11.375" (288.9 mm)	0.40 lb (0.18 kg)
646-5/8	5/8"	6" (152.4 mm)	Yellow	11.375" (288.9 mm)	0.40 lb (0.18 kg)
Metric					
630-4MM	4 mm	3" (76.2 mm)	Red	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-4.5MM	4.5 mm	3" (76.2 mm)	Yellow	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-5MM	5 mm	3" (76.2 mm)	Black	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-6MM	6 mm	3" (76.2 mm)	Red	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-7MM	7 mm	3" (76.2 mm)	Orange	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-8MM	8 mm	3" (76.2 mm)	Yellow	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-10MM	10 mm	3" (76.2 mm)	Blue	6.75" (171.5 mm)	0.20 lb (0.09 kg)
630-11MM	11 mm	3" (76.2 mm)	Brown	7.313" (185.8 mm)	0.20 lb (0.09 kg)

Cat. No.	Set Contains	Weight
631	Nut Driver Set 3" Shafts, 7 Piece	1.5 lb (0.7 kg)

Cat. No.	Description
630-3/16	3/16" Nut Driver with 3" Hollow Shaft
630-1/4	1/4" Nut Driver 3" Shaft Cushion Grip
630-5/16	5/16" Nut Driver Cushion-Grip 3" Shaft
630-11/32	11/32" Nut Driver 3" Hollow Shaft
630-3/8	3/8" Nut Driver with 3" Hollow Shaft
630-7/16	7/16" Hollow Nut Driver, 3", Cushion-Grip
630-1/2	1/2" Nut Driver, 3" Shaft, Cushion-Grip

Cat. No.	Set Contains	Weight
647	Nut Driver Set 6" Shafts, 7 Piece	1.7 lb (0.8 kg)

Cat. No.	Description
646-3/16	3/16" Nut Driver with 6" Hollow Shaft
646-1/4	1/4" Nut Driver with 6" Hollow Shaft
646-5/16	5/16" Nut Driver, 6" Hollow Shaft
646-11/32	11/32" Nut Driver 6" Hollow Shaft
646-3/8	3/8" Nut Driver, 6" Hollow Shaft
646-7/16	7/16" Nut Driver, 6" Hollow Shaft
646-1/2	1/2" Nut Driver with 6" Hollow Shaft

Cat. No.	Set Contains	Weight
65160	Nut Driver Set, Metric, 3" Shafts, 7-Piece	1.5 lb (0.7 kg)

Cat. No.	Description
630-5MM	5 mm Nut Driver, 3" Hollow Shaft
630-55MM	5.5 mm Cushion-Grip Hollow-Shank Nut Driver
630-6MM	6 mm Nut Driver, 3" Hollow Shaft, Cushion Grip
630-7MM	7 mm Cushion Grip Nut Driver with 3" Shaft
630-8MM	8 mm Nut Driver, Cushion Grip, 3" Hollow Shaft
630-9MM	9 mm Cushion-Grip Nut Driver, 3" Hollow Shaft
630-10MM	10mm Cushion Grip Nut Driver with 3" Shaft

Cat. No.	Set Contains	Weight
633	Nut Driver Set, Cushion Grip, 4-Piece	1.3 lb (0.6 kg)

Cat. No.	Description
630-1/4	1/4" Nut Driver 3" Shaft Cushion Grip
630-5/16	5/16" Nut Driver Cushion-Grip 3" Shaft
630-3/8	3/8" Nut Driver with 3" Hollow Shaft
630-9/16	9/16" Hollow Shaft Nut Driver 4" Shaft

Cat. No.	Set Contains	Weight
610	Stubby Nut Driver Set 1-1/2" Shafts 2 Pc	0.20 lb (0.09 kg)

Cat. No.	Description
610-1/4	1/4" Stubby Nut Driver with 1-1/2" Shaft
610-5/16	5/16" Stubby Nut Driver, 1-1/2" Shaft

See page 297 for additional information on warnings.

Cushion-Grip Multi-Nut Drivers

Solid build quality with nut drivers that exceed the standard torque performance



Wrench-assist feature for added torque

ASSEMBLED IN USA



Cushion-Grip handle for greater torque and comfort

Hollow-shafts accommodate long bolts

Color-coded bands for easy identification

Heavy-Duty Multi-Nut Drivers

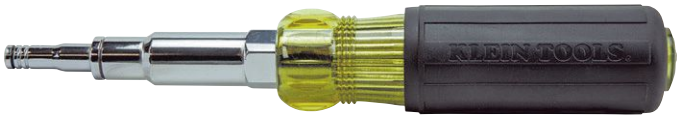
- Multiple sizes in one convenient tool
- Heavy-duty handle and shaft exceed the torque performance of regular nut drivers
- Wrench-assist feature for added torque
- Strong, rare earth magnets securely hold nuts and bolts (Cat. No. 32807MAG)

NEW Product

PTIA 2018 TOOL INNOVATION AWARDS WINNER



32807MAG



32800

	Cat. No.	Description	Nut Driver Sizes	Shaft Length	Overall Length	Weight
NEW	32807MAG	7-in-1 Nut Driver	1/4", 5/16", 11/32", 3/8", 1/2", 7/16", 9/16"		9.54" (242.3 mm)	1.12 lb (0.51 kg)
	32800	6-in-1 Multi-Nut Driver Heavy Duty	3/16", 1/4", 5/16", 3/8", 7/16", 9/16"	4" (101.6 mm)	9.5" (241.3 mm)	1.2 lb (0.5 kg)
	32801	5-in-1 Multi-Nut Driver Heavy Duty	3/16", 1/4", 5/16", 3/8", 9/16"	4" (101.6 mm)	9.109" (231.4 mm)	1.0 lb (0.5 kg)

Specialty Cushion-Grip Nut Drivers

Coated Hollow-Shaft Nut Drivers

Includes core Cushion-Grip Nut Driver features plus:

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



640-1/2

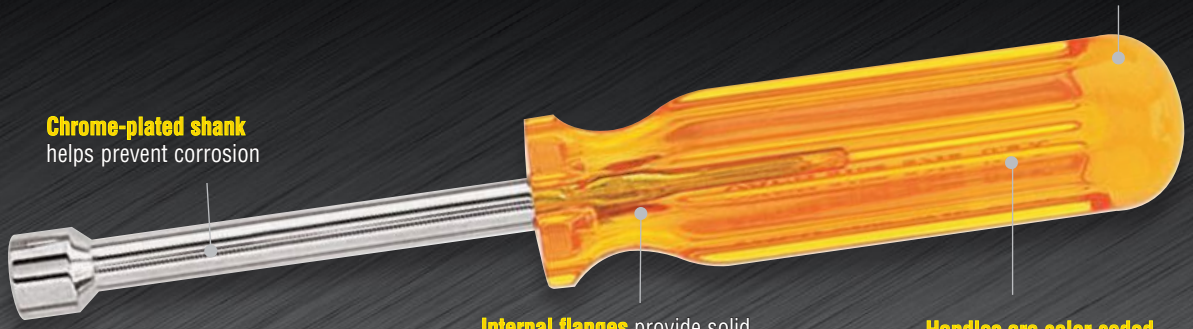
Cat. No.	Nut Driver Sizes	Shaft Length	Color Code	Overall Length	Weight
640-3/16	3/16"	3" (76.2 mm)	Black	6.75" (171.5 mm)	0.25 lb (0.11 kg)
640-1/4	1/4"	3" (76.2 mm)	Red	6.75" (171.5 mm)	0.25 lb (0.11 kg)
640-5/16	5/16"	3" (76.2 mm)	Yellow	6.75" (171.5 mm)	0.25 lb (0.11 kg)
640-3/8	3/8"	3" (76.2 mm)	Blue	6.75" (171.5 mm)	0.25 lb (0.11 kg)
640-7/16	7/16"	3" (76.2 mm)	Brown	7.313" (185.8 mm)	0.30 lb (0.14 kg)
640-1/2	1/2"	3" (76.2 mm)	Red	7.313" (185.8 mm)	0.25 lb (0.11 kg)
640-9/16	9/16"	4" (101.6 mm)	Orange	9.375" (238.1 mm)	0.40 lb (0.18 kg)
640-5/8	5/8"	4" (101.6 mm)	Yellow	9.375" (238.1 mm)	0.40 lb (0.18 kg)

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

See page 297 for additional information on warnings.

Plastic-Handle Nut Drivers

Meets or exceeds applicable ASME / ANSI and MIL specifications.



MADE IN USA

Hollow-Shaft Nut Drivers

Includes core Plastic-Handle Nut Driver features plus:

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



S11

Cat. No.	Nut Driver Sizes	Shaft Length	Handle Color	Overall Length	Weight
SS8	1/4"	1.5" (38.1 mm)	Red	3.75" (95.3 mm)	0.15 lb (0.07 kg)
SS10	5/16"	1.5" (38.1 mm)	Amber	3.75" (95.3 mm)	0.15 lb (0.07 kg)
SS12	3/8"	1.5" (38.1 mm)	Blue	3.75" (95.3 mm)	0.15 lb (0.07 kg)
S5	5/32"	3" (76.2 mm)	Amber	6.5" (165.1 mm)	0.10 lb (0.05 kg)
S6	3/16"	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.10 lb (0.05 kg)
S7	7/32"	3" (76.2 mm)	Brown	6.625" (168.3 mm)	0.10 lb (0.05 kg)
S8	1/4"	3" (76.2 mm)	Red	6.625" (168.3 mm)	0.15 lb (0.07 kg)
S9	9/32"	3" (76.2 mm)	Orange	6.625" (168.3 mm)	0.15 lb (0.07 kg)
S10	5/16"	3" (76.2 mm)	Amber	6.625" (168.3 mm)	0.15 lb (0.07 kg)
S11	11/32"	3" (76.2 mm)	Green	6.625" (168.3 mm)	0.15 lb (0.07 kg)
S12	3/8"	3" (76.2 mm)	Blue	6.625" (168.3 mm)	0.15 lb (0.07 kg)
S14	7/16"	3" (76.2 mm)	Brown	7" (177.8 mm)	0.20 lb (0.09 kg)
S16	1/2"	3" (76.2 mm)	Red	7" (177.8 mm)	0.20 lb (0.09 kg)
S18	9/16"	4" (101.6 mm)	Red	8.5" (215.9 mm)	0.30 lb (0.14 kg)
S20	5/8"	4" (101.6 mm)	Red	8.5" (215.9 mm)	0.30 lb (0.14 kg)
S66	3/16"	6" (152.4 mm)	Black	9.625" (244.5 mm)	0.15 lb (0.07 kg)
S86	1/4"	6" (152.4 mm)	Red	9.625" (244.5 mm)	0.15 lb (0.07 kg)
S106	5/16"	6" (152.4 mm)	Amber	9.625" (244.5 mm)	0.15 lb (0.07 kg)
S116	11/32"	6" (152.4 mm)	Green	9.625" (244.5 mm)	0.15 lb (0.07 kg)
S126	3/8"	6" (152.4 mm)	Blue	9.625" (244.5 mm)	0.15 lb (0.07 kg)
S146	7/16"	6" (152.4 mm)	Brown	10" (254.0 mm)	0.20 lb (0.09 kg)
S166	1/2"	6" (152.4 mm)	Red	10" (254.0 mm)	0.20 lb (0.09 kg)

Cat. No.	Set Contains	Weight
K7	Nut Driver Set, 3" Shafts, 7-Piece	1.2 lb (0.5 kg)

Cat. No.	Description
S6	3/16" Nut Driver, 3" Hollow Shaft
S8	1/4" Hollow Shaft Nut Driver, 3" Shaft
S10	5/16" Nut Driver 3" Hollow Shaft
S11	11/32" Nut Driver, 3" Hollow Shaft
S12	3/8" Nut Driver, 3" Hollow Shaft
S14	7/16" Nut Driver, 3" Hollow Shaft
S16	1/2" Nut Driver 3" Hollow Shaft

Cat. No.	Set Contains	Weight
89904	Nut Driver Set, 6" Shafts, 7-Piece	1.2 lb (0.5 kg)

Cat. No.	Description
S66	3/16" Nut Driver 6" Hollow Shaft
S86	1/4" Nut Driver, 6" Hollow Shaft
S106	5/16" Nut Driver, 6" Shaft
S116	11/32" Nut Driver, 6" Shaft
S126	3/8" Nut Driver, 6" Hollow Shaft
S146	7/16" Nut Driver, 6" Hollow Shaft
S166	1/2" Nut Driver, 6" Hollow Shaft

Set Cat. No. K7 includes a vinyl pouch which hangs up or rolls up

See page 297 for additional information on warnings.

Plastic Handle, Hollow-Shaft Nut Drivers

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

Includes core Plastic-Handle Nut Driver features plus:

- Ideal for reaching into walls and other hard-toreach places where added length is necessary
- Cat. No. S1018 has a non-magnetic tip; Cat. Nos. S818M and S1018M have magnetic tips



S1018

Cat. No.	Nut Driver Sizes	Shaft Length	Handle Color	Overall Length	Weight
S1018	5/16"	18" (457.2 mm)	Amber	21.625" (549.3 mm)	0.25 lb (0.11 kg)
S818M	1/4"	18" (457.2 mm)	Red	21.625" (549.3 mm)	0.25 lb (0.11 kg)
S1018M	5/16"	18" (457.2 mm)	Amber	21.625" (549.3 mm)	0.25 lb (0.11 kg)

Metric Nut Drivers

Includes core Plastic-Handle Nut Driver features plus:

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



70209

Cat. No.	Nut Driver Sizes	Shaft Length	Handle Color	Overall Length	Weight
70204	4 mm	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.10 lb (0.05 kg)
70245	4.5 mm	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.10 lb (0.05 kg)
70205	5 mm	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.15 lb (0.07 kg)
70255	5.5 mm	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.15 lb (0.07 kg)
70206	6 mm	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.15 lb (0.07 kg)
70207	7 mm	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.15 lb (0.07 kg)
70208	8 mm	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.15 lb (0.07 kg)
70209	9 mm	3" (76.2 mm)	Black	6.625" (168.3 mm)	0.15 lb (0.07 kg)
70210	10 mm	3" (76.2 mm)	Black	7" (177.8 mm)	0.15 lb (0.07 kg)
70211	11 mm	3" (76.2 mm)	Black	7" (177.8 mm)	0.20 lb (0.09 kg)

Cat. No.	Set Contains	Weight
70200	Metric Nut Driver Set 3" Shanks 10-Piece	1.9 lb (0.8 kg)

Cat. No.	Description
70204	4 mm Metric Nut Driver 3" Shaft
70245	4.5 mm Metric Nut Driver 3" Shaft
70205	5 mm Metric Nut Driver 3" Shaft
70255	5.5 mm Metric Nut Driver 3" Hollow Shaft
70206	6 mm Metric Nut Driver 3" Shaft
70207	7 mm Metric Nut Driver 3" Shaft
70208	8 mm Metric Nut Driver 3" Shaft
70209	9 mm Metric Nut Driver 3" Shaft
70210	10 mm Metric Nut Driver, 3" Shaft
70211	11 mm Metric Nut Driver 3" Shaft

Set includes white enameled metal stand with identification labels for easy selection of tool

Plastic Handle Nut Drivers

Magnetic Nut Drivers - Solid Shafts

Includes core Plastic-Handle Nut Driver features plus:

- Powerful nut-holding magnet built into solid shaft



S818M

Cat. No.	Nut Driver Sizes	Shaft Length	Handle Color	Overall Length	Weight
S8M	1/4"	3" (76.2 mm)	Red	6.625" (168.3 mm)	0.15 lb (0.07 kg)
S10M	5/16"	3" (76.2 mm)	Amber	6.625" (168.3 mm)	0.15 lb (0.07 kg)
S86M	1/4"	6" (152.4 mm)	Yellow	9.625" (244.5 mm)	0.15 lb (0.07 kg)
S106M	5/16"	6" (152.4 mm)	Amber	9.625" (244.5 mm)	0.15 lb (0.07 kg)
S126M	3/8"	6" (152.4 mm)	Blue	9.625" (244.5 mm)	0.15 lb (0.07 kg)

See page 297 for additional information on warnings.

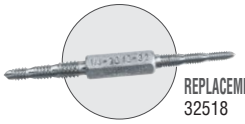
Tapping Tools

Cushion-Grip Multi-Bit Tap Tool Driver

- Increases job speed by combining taps and drivers in one tool
- Each tap size rethreads to next larger size if threads are stripped



32517



REPLACEMENT TAP
32518

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Other Bits	Shank Length	Handle Color	Overall Length	Weight
32517	1/4", 5/16", 3/8"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	Taps: 6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	4" (101.6 mm)	Yellow/Black	7.75" (196.9 mm)	0.50 lb (0.23 kg)

Cushion-Grip 6-in-1 Tap Tool

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



626



REPLACEMENT TAPS
628-20 (10-24, 12-24, 1/4-20)
626-32 (6-32, 8-32, 10-32)

Cat. No.	Tap Sizes	Overall Length	Weight
626	6-in-1 Tap 6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	7.75" (196.9 mm)	0.25 lb (0.11 kg)

6-in-1 Tapping Tool

- Quickly forms new threads, re-forms burred threads, and cleans out plaster obstructions
- Each tap size rethreads to next larger size if threads are stripped
- Two high-carbon steel taps are secured in reversible holder



627-20



REPLACEMENT TAPS
628-20 (10-24, 12-24, 1/4-20)
626-32 (6-32, 8-32, 10-32)

Cat. No.	Tap Sizes	Overall Length	Weight
627-20	6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	7.625" (193.7 mm)	0.35 lb (0.16 kg)

Triple Taps

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



625-24



REPLACEMENT TAPS
626-24 (6-32, 8-32, 10-24)
626-32 (6-32, 8-32, 10-32)

Cat. No.	Tap Sizes	Overall Length	Weight
625-24	6-32, 8-32, 10-24	7.125" (181 mm)	0.20 lb (0.09 kg)
625-32	6-32, 8-32, 10-32	7.125" (181 mm)	0.20 lb (0.09 kg)

See page 297 for additional information on warnings.

Scratch Awls

Cushion-Grip Scratch Awl

- Professional, heavy-duty, hard-pointed awl
- Scribes metal, starts screw holes, performs a variety of piercing and punching jobs
- Rigid, chrome-plated, heat-treated, tempered-steel shank has full reinforcing bolster at handle for extra strength and impact reinforcement
- Cat. No. 650DD has plated metal strike cap to protect handle from hammer blows and is engineered, manufactured and tested for prying, chiseling and punching

Cat. No. 650 only



650DD

Cat. No.	Shank Length	Overall Length	Weight
650	3.5" (88.9 mm)	7.875" (200 mm)	0.25 lb (0.11 kg)
650DD	3.5" (88.9 mm)	7.875" (200 mm)	0.30 lb (0.14 kg)

Steel Scratch Awl

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



66385

Cat. No.	Overall Length	Shank Length	Weight
66385	7" (177.8 mm)	3.5" (88.9 mm)	0.30 lb (0.14 kg)

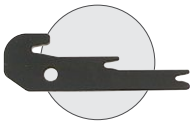
Conduit Reamers

Conduit-Fitting and Reaming Screwdriver

- Hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach conduit fittings. Thicker hood is designed for rugged use
- Reams both the inside and outside of the conduit at the same time
- 5/16" (8 mm) screwdriver tip with 2-1/2" (64 mm) long shank
- Longer Cushion-Grip handle provides comfort and more torque for reaming
- Replaceable reaming blade is now held in place with a 1/6" (1.5 mm) set screw



85191



CONDUIT REAMER REPLACEMENT BLADE, 2pk
19353

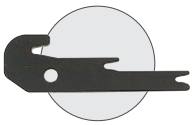
Cat. No.	Conduit Size	Overall Length	Weight
85191	1/2" (12.7 mm), 3/4" (19.1 mm), 1" (25.4 mm)	7.5" (190.5 mm)	0.50 lb (0.23 kg)

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



CONDUIT REAMER REPLACEMENT BLADE, 2pk
19353

Cat. No.	Conduit Size	Overall Length	Weight
19352	1/2" (12.7 mm), 3/4" (19.1 mm), 1" (25.4 mm)	6.75" (171.5 mm)	0.20 lb (0.09 kg)

Power Conduit Reamer

IMPACT RATED!

- Ream conduit and install fittings in a fraction of the time
- Designed to fit into power drill chucks and quick release adapters; impact ready
- Replacement blades are available and the only approved blade for use in this tool
- Replacement bits are available but any standard 1/4" hex bit will work

Precision engineered **replaceable reaming blade**

1/4" hex **quick connect**



85091

4X Stronger Bit Retention



CONDUIT REAMER REPLACEMENT BLADE, 2pk
19353

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

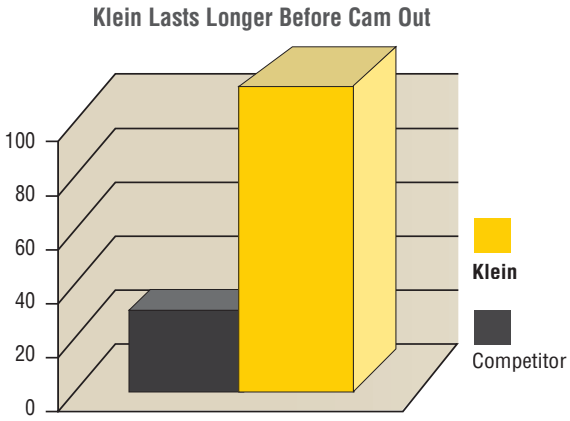
Cat. No.	Conduit Size	Overall Length	Weight
85091	1/2" (12.7 mm), 3/4" (19.1 mm), 1" (25.4 mm)	5.75" (146.1 mm)	0.33 lb (0.15 kg)

See page 297 for additional information on warnings.

Power Driver Bits

Power Drivers

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





PH3-6-2



PH2115



SL31615

Cat. No.	Overall Length	Bit Type	Package Quantity	Weight
PH115	1" (25.4 mm)	#1 Phillips	5	0.10 oz (2.8 g)
PH1355	3.5" (88.9 mm)	#1 Phillips	5	0.50 oz (14.2 g)
PH162	6" (152.4 mm)	#1 Phillips	2	0.9 oz (26 g)
PH2115	1" (25.4 mm)	#2 Phillips	15	0.10 oz (2.8 g)
PH2355	3.5" (88.9 mm)	#2 Phillips	5	0.50 oz (14.2 g)
PH262	6" (152.4 mm)	#2 Phillips	2	0.9 oz (26 g)
PH315	1" (25.4 mm)	#3 Phillips	5	0.10 oz (2.8 g)
PH3355	3.5" (88.9 mm)	#3 Phillips	5	0.50 oz (14.2 g)
PH362	6" (152.4 mm)	#3 Phillips	2	0.9 oz (26 g)
SL31615	1" (25.4 mm)	3/16" (4.8 mm) Slotted	5	0.10 oz (2.8 g)
SL316355	3.5" (88.9 mm)	3/16" (4.8 mm) Slotted	5	0.50 oz (14.2 g)
SL1415	1" (25.4 mm)	1/4" (6.4 mm) Slotted	5	0.10 oz (2.8 g)
SL14355	3.5" (88.9 mm)	1/4" (6.4 mm) Slotted	5	0.50 oz (14.2 g)
Power Driver Sets				
Cat. No.	**Overall Length**	**Bit Type**	**Package Quantity**	**Weight**
32234	3.5" (88.9 mm)	#1 and #2 Phillips, #1 and #2 Square, 3/16" Slotted	5	0.10 lb (0.05 kg)
32235	6" (152.4 mm)	#1 and #3 Phillips	2	0.10 lb (0.05 kg)

Power Nut Drivers

- Available in several sizes, these hollow shaft magnetic nut drivers are designed for long bolts, studs or threaded rod jobs.
- Rare Earth 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.
- Power Nut Driver Set contains 1/4", 5/16" and 3/8" nut drivers (Cat. No. 32759) hard-to-reach



Hollow magnetic shafts for nut running



32759



PND7165



PND71610

Cat. No.	Nut Driver Sizes	Shaft Length	Hollow Depth	Overall Length	Weight
32759	1/4", 5/16", 3/8"	2" (50.8 mm)	1.875" (47.6 mm)	6.313" (160.4 mm)	0.10 lb (0.05 kg)
PND7165	7/16"	5" (127.0 mm)	3.688" (93.7 mm)	6.313" (160.4 mm)	0.16 lb (0.07 kg)
PND125	1/2"	5" (127.0 mm)	3.719" (94.5 mm)	6.297" (159.9 mm)	0.19 lb (0.09 kg)
PND9165	9/16"	5" (127.0 mm)	3.625" (92.1 mm)	6.328" (160.7 mm)	0.23 lb (0.10 kg)
PND71610	7/16"	10" (254.0 mm)	8.813" (223.9 mm)	11.313" (287.4 mm)	0.25 lb (0.11 kg)
PND91610	9/16"	10" (254.0 mm)	8.625" (219.1 mm)	11.313" (287.4 mm)	0.35 lb (0.16 kg)

*Rare earth magnet is globally sourced

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

See page 297 for additional information on warnings.

Power Driver Bits

Magnetic Hex Drivers

- For driving sheet metal screws
- Strong rare earth magnets for maximum holding
- 1/4" (6.4 mm) hex shank with quick release groove



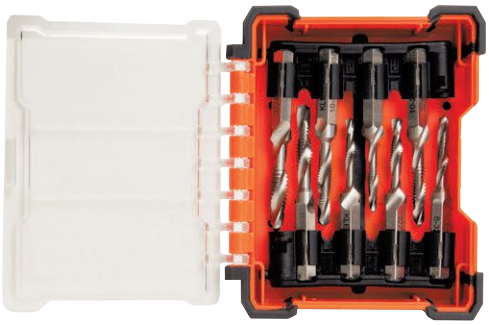
86602

Cat. No.	Description	Overall Length	Weight
86600	Magnetic Hex Drivers, 1/4", 3-Pack	1.75" (44.5 mm)	0.12 lb (0.05 kg)
86601	5/16" Magnetic Hex Drivers, 3-Pack	1.75" (44.5 mm)	0.14 lb (0.06 kg)
86602	3/8" Magnetic Hex Drivers, 3-Pack	1.75" (44.5 mm)	0.16 lb (0.07 kg)
8660010	1/4" Magnetic Hex Drivers, 10-pack	1.75" (44.5 mm)	0.43 lb (0.20 kg)
8660110	Magnetic Hex Drivers, 5/16", 10-Pack	1.75" (44.5 mm)	0.49 lb (0.22 kg)

Drill/Tap/Deburr Set

IMPACT RATED!

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


32217

Cat. No.	Tap Sizes	Overall Length	Weight
32217	6-32 (2), 8-32 (2), 10-24, 10-32, 12-24, 1/4-20	4" (101.6 mm)	1.5 lb (0.7 kg)
Cat. No.	**Tap Sizes**		**Weight**
32237	6-32		0.25 lb (0.11 kg)
32238	8-32		0.25 lb (0.11 kg)
32239	10-32		0.25 lb (0.11 kg)
32240	10-24		0.25 lb (0.11 kg)
32241	12-24		0.25 lb (0.11 kg)
32242	1/4-20		0.25 lb (0.11 kg)

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

See page 297 for additional information on warnings.

Wrenches

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



For Professionals...
Since 1857™

Adjustable Wrenches



Adjustable Wrenches

Includes core adjustable wrench features plus:

- High capacity smaller wrenches handle bigger jobs, especially in confined spaces
- Extra wide 1/2" jaw that provides the same capacity as a standard 12" adjustable wrench (Cat. No. D509-8)





D509-8

Cat. No.	Jaw Capacity	Overall Length	Handle Color	Handle Finish	Weight
High Capacity					
507-6	15/16" (23.8 mm)	6.375" (161.9 mm)	Chrome	High-Polish Chrome	0.29 lb (0.13 kg)
507-8	1-1/8" (28.6 mm)	8.125" (206.4 mm)	Chrome	High-Polish Chrome	0.61 lb (0.28 kg)
507-10	1-5/16" (33.3 mm)	10.125" (257.2 mm)	Chrome	High-Polish Chrome	0.98 lb (0.44 kg)
507-12	1-1/2" (38.1 mm)	12.25" (311.2 mm)	Chrome	High-Polish Chrome	1.7 lb (0.8 kg)
D507-6	15/16" (23.8 mm)	6.5" (165.1 mm)	Transparent Red	Plastic-Dipped	0.33 lb (0.15 kg)
D507-8	1-1/8" (28.6 mm)	8.25" (209.6 mm)	Transparent Red	Plastic-Dipped	0.66 lb (0.30 kg)
D507-10	1-5/16" (33.3 mm)	10.25" (260.4 mm)	Transparent Red	Plastic-Dipped	1.1 lb (0.5 kg)
D507-12	1-1/2" (38.1 mm)	12.375" (314.3 mm)	Transparent Red	Plastic-Dipped	1.8 lb (0.8 kg)
Standard Capacity — Extra-Wide Jaw					
D509-8	1-1/2" (38.1 mm)	8.5" (215.9 mm)	Blue	Plastic-Dipped	0.77 lb (0.35 kg)
Standard Capacity					
500-18	2-1/16" (52.4 mm)	18.25" (463.6 mm)	Chrome	High-Polish Chrome	4.7 lb (2.1 kg)
500-24	2-1/2" (63.5 mm)	24" (609.6 mm)	Chrome	High-Polish Chrome	7.8 lb (3.5 kg)
506-15	1-11/16" (42.9 mm)	15.875" (403.2 mm)	Chrome	High-Polish Chrome	2.9 lb (1.3 kg)
D506-4	1/2" (12.7 mm)	4.5" (114.3 mm)	Transparent Red	Plastic-Dipped	0.13 lb (0.06 kg)

Adjustable Wrenches - Slim Jaw

Includes core adjustable wrench features plus:

- Designed for tight-wrench-over-wrench applications
- Jaws meet ASME 107.11-2010 testing standards for adjustable wrenches while being 40% slimmer than most standard adjustable wrench jaws
- 1-1/2" extra wide jaw capacity that is 5/16" larger than other wide-capacity 8" wrenches (Cat. No. D86936)
- Standard and metric size markings for fast adjustment
- Manufactured for strength and durability


40% Slimmer Jaw



D86936

Cat. No.	Jaw Capacity	Overall Length	Handle Color	Handle Finish	Weight
D86932	1/2" (12.7 mm)	4.563" (115.9 mm)	Blue	Plastic Dipped	2.4 oz (0.07 kg)
D86934	1" (25.4 mm)	6.406" (162.7 mm)	Blue	Plastic Dipped	0.31 lb (0.14 kg)
D86936	1-1/2" (38.1 mm)	8.375" (212.7 mm)	Blue	Plastic Dipped	0.67 lb (0.30 kg)

See page 297 for additional information on warnings.

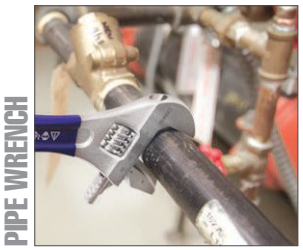
2-in-1 Reversible Adjustable Pipe Wrench

Includes core adjustable wrench features plus:

- Versatile 2-in-1 tool converts from adjustable wrench to pipe wrench by reversing the removable jaw
- Reversible jaw has teeth and an obtuse angle to work as a pipe wrench
- Pipe wrench side of jaw grips pipes and round fasteners with self-gripping angled teeth
- 1-1/2" extra-wide jaw opening in both configurations
- Standard and metric size markings for fast adjustment
- Meets ASME 107.11-2010 standards for adjustable wrenches



D86930





Cat. No.	Jaw Capacity	Overall Length	Handle Color	Handle Finish	Weight
D86930	1-1/2" (38 mm)	10.25" (260.4 mm)	Blue	Plastic Dipped	1.0 lb (0.5 kg)

Combination Wrenches

Combination wrenches have the same size opening on each end



Combination Wrenches - SAE



68417

Cat. No.	Size	Box End Point	Overall Length	Weight
68410	1/4"	12	5.125" (130.2 mm)	0.80 oz (22.7 g)
68411	5/16"	12	4.375" (111.1 mm)	0.80 oz (22.7 g)
68412	3/8"	12	6.125" (155.6 mm)	0.10 lb (0.05 kg)
68413	7/16"	12	6.625" (168.3 mm)	0.14 lb (0.06 kg)
68414	1/2"	12	7.125" (181 mm)	0.18 lb (0.08 kg)
68415	9/16"	12	7.5" (190.5 mm)	0.23 lb (0.10 kg)
68416	5/8"	12	8.5" (215.9 mm)	0.28 lb (0.13 kg)
68417	11/16"	12	9" (228.6 mm)	0.37 lb (0.17 kg)
68418	3/4"	12	9.875" (250.8 mm)	0.46 lb (0.21 kg)
68419	13/16"	12	10.625" (269.9 mm)	0.53 lb (0.24 kg)
68420	7/8"	12	11.5" (292.1 mm)	0.67 lb (0.30 kg)
68421	15/16"	12	12.5" (317.5 mm)	0.79 lb (0.36 kg)
68422	1"	12	13.25" (336.6 mm)	0.93 lb (0.42 kg)
68423	1-1/16"	12	14.25" (362 mm)	1.2 lb (0.5 kg)
68424	1-1/8"	12	15.5" (393.7 mm)	1.5 lb (0.7 kg)
68425	1-1/4"	12	16.25" (412.8 mm)	1.9 lb (0.9 kg)

Combination Wrench Sets - SAE

Combination Wrench Sets - SAE

- Includes pouch with marked pockets for each wrench

Cat. No.	Set Contains	Weight
68400	Combination Wrench Set, 7-Piece	1.2 lb (0.6 kg)

Cat. No.	Size	Box End Point	Overall Length
68410	1/4"	12	5.125" (130.2 mm)
68411	5/16"	12	4.375" (111.1 mm)
68412	3/8"	12	6.125" (155.6 mm)
68413	7/16"	12	6.625" (168.3 mm)
68414	1/2"	12	7.125" (181 mm)
68415	9/16"	12	7.5" (190.5 mm)
68416	5/8"	12	8.5" (215.9 mm)



68400

Cat. No.	Set Contains	Weight
68402	Combination Wrench Set, 9-Piece	2.1 lb (0.9 kg)

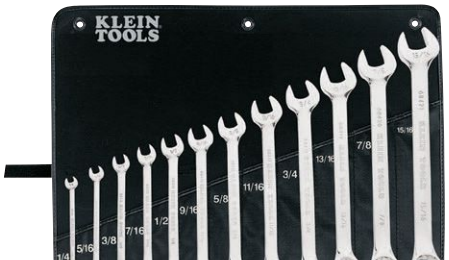
Cat. No.	Size	Box End Point	Overall Length
68410	1/4"	12	5.125" (130.2 mm)
68411	5/16"	12	4.375" (111.1 mm)
68412	3/8"	12	6.125" (155.6 mm)
68413	7/16"	12	6.625" (168.3 mm)
68414	1/2"	12	7.125" (181 mm)
68415	9/16"	12	7.5" (190.5 mm)
68416	5/8"	12	8.5" (215.9 mm)
68417	11/16"	12	9" (228.6 mm)
68418	3/4"	12	9.875" (250.8 mm)



68402

Cat. No.	Set Contains	Weight
68404	Combination Wrench Set, 12-Piece	4.1 lb (1.9 kg)

Cat. No.	Size	Box End Point	Overall Length
68410	1/4"	12	5.125" (130.2 mm)
68411	5/16"	12	4.375" (111.1 mm)
68412	3/8"	12	6.125" (155.6 mm)
68413	7/16"	12	6.625" (168.3 mm)
68414	1/2"	12	7.125" (181 mm)
68415	9/16"	12	7.5" (190.5 mm)
68416	5/8"	12	8.5" (215.9 mm)
68417	11/16"	12	9" (228.6 mm)
68418	3/4"	12	9.875" (250.8 mm)
68419	13/16"	12	10.625" (269.9 mm)
68420	7/8"	12	11.5" (292.1 mm)
68421	15/16"	12	12.5" (317.5 mm)



68404

Cat. No.	Set Contains	Weight
68406	Combination Wrench Set, 14-Piece	9.8 lb (4.4 kg)

Cat. No.	Size	Box End Point	Overall Length
68412	3/8"	12	6.125" (155.6 mm)
68413	7/16"	12	6.625" (168.3 mm)
68414	1/2"	12	7.125" (181 mm)
68415	9/16"	12	7.5" (190.5 mm)
68416	5/8"	12	8.5" (215.9 mm)
68417	11/16"	12	9" (228.6 mm)
68418	3/4"	12	9.875" (250.8 mm)
68419	13/16"	12	10.625" (269.9 mm)
68420	7/8"	12	11.5" (292.1 mm)
68421	15/16"	12	12.5" (317.5 mm)
68422	1"	12	13.25" (336.6 mm)
68423	1-1/16"	12	14.25" (362 mm)
68424	1-1/8"	12	15.5" (393.7 mm)
68425	1-1/4"	12	16.25" (412.8 mm)

Individual wrenches sold separately.



68406

See page 297 for additional information on warnings.

Combination Wrenches - Metric

Combination Wrenches - Metric



68512

Cat. No.	Size	Box End Point	Overall Length	Weight
68507	7 mm	12	5.125" (130.2 mm)	0.80 oz (22.7 g)
68508	8 mm	12	5.375" (136.5 mm)	1.3 oz (37 g)
68509	9 mm	12	6.125" (155.6 mm)	0.10 lb (0.05 kg)
68510	10 mm	12	6.5" (165.1 mm)	0.13 lb (0.06 kg)
68511	11 mm	12	6.5" (165.1 mm)	0.13 lb (0.06 kg)
68512	12 mm	12	7.125" (181 mm)	0.18 lb (0.08 kg)
68513	13 mm	12	7.125" (181 mm)	0.16 lb (0.07 kg)
68514	14 mm	12	7.5" (190.5 mm)	0.22 lb (0.10 kg)
68515	15 mm	12	7.5" (190.5 mm)	0.22 lb (0.10 kg)
68517	17 mm	12	9" (228.6 mm)	0.39 lb (0.18 kg)
68519	19 mm	12	9.75" (247.7 mm)	0.42 lb (0.19 kg)

Combination Wrench Sets - Metric

- Includes pouch with marked pockets for each wrench



68402



68502

Cat. No.	Set Contains				Weight
68500	Combination Wrench Set, Metric, 7-Piece				1.2 lb (0.6 kg)
	Cat. No.	**Size**	**Box End Point**	**Overall Length**	
	68507	7 mm	12	5.125" (130.2 mm)	
	68509	9 mm	12	6.125" (155.6 mm)	
	68510	10 mm	12	6.5" (165.1 mm)	
	68511	11 mm	12	6.5" (165.1 mm)	
	68513	13 mm	12	7.125" (181 mm)	
	68514	14 mm	12	7.5" (190.5 mm)	
	68515	15 mm	12	7.5" (190.5 mm)	
Cat. No.	**Set Contains**				**Weight**
68502	Metric Combination Wrench Set, 11-Piece				2.4 lb (1.1 kg)
	Cat. No.	**Size**	**Box End Point**	**Overall Length**	
	68507	7 mm	12	5.125" (130.2 mm)	
	68508	8 mm	12	5.375" (136.5 mm)	
	68509	9 mm	12	6.125" (155.6 mm)	
	68510	10 mm	12	6.5" (165.1 mm)	
	68511	11 mm	12	6.5" (165.1 mm)	
	68512	12 mm	12	7.125" (181 mm)	
	68513	13 mm	12	7.125" (181 mm)	
	68514	14 mm	12	7.5" (190.5 mm)	
	68515	15 mm	12	7.5" (190.5 mm)	
	68517	17 mm	12	9" (228.6 mm)	
	68519	19 mm	12	9.75" (247.7 mm)	

Individual wrenches sold separately.

Open-End Wrenches



Corrosion resistant

Forged from the highest quality alloy steel

Different size opening on each end of wrench

Ends are offset at 15° angle for clearance over obstructions

Durable chrome-plated finish

Open-End Wrenches - SAE



68463

Cat. No.	Large Size	Small Size	Overall Length	Weight
68460	5/16"	1/4"	4.75" (120.7 mm)	0.64 oz (18.1 g)
68461	7/16"	3/8"	6" (152.4 mm)	0.10 lb (0.05 kg)
68462	9/16"	1/2"	7" (177.8 mm)	0.17 lb (0.08 kg)
68463	5/8"	9/16"	7.5" (190.5 mm)	0.20 lb (0.09 kg)
68464	3/4"	11/16"	9" (228.6 mm)	0.36 lb (0.16 kg)
68465	7/8"	13/16"	10" (254.0 mm)	0.55 lb (0.25 kg)
68466	1"	15/16"	11" (279.4 mm)	0.80 lb (0.36 kg)

Open-End Wrench Sets

- Includes pouch with marked pockets for each wrench

Cat. No.	Set Contains				Weight
68450	Open-End Wrench Set, 5-Piece				1.1 lb (0.5 kg)
	Cat. No.	**Large Size**	**Small Size**	**Overall Length**	
	68460	5/16"	1/4"	4.75" (120.7 mm)	
	68461	7/16"	3/8"	6" (152.4 mm)	
	68462	9/16"	1/2"	7" (177.8 mm)	
	68463	5/8"	9/16"	7.5" (190.5 mm)	
	68464	3/4"	11/16"	9" (228.6 mm)	
Cat. No.	**Set Contains**				**Weight**
68452	Open-End Wrench Set, 7-Piece				2.5 lb (1.1 kg)
	Cat. No.	**Large Size**	**Small Size**	**Overall Length**	
	68460	5/16"	1/4"	4.75" (120.7 mm)	
	68461	7/16"	3/8"	6" (152.4 mm)	
	68462	9/16"	1/2"	7" (177.8 mm)	
	68463	5/8"	9/16"	7.5" (190.5 mm)	
	68464	3/4"	11/16"	9" (228.6 mm)	
	68465	7/8"	13/16"	10" (254.0 mm)	
	68466	1"	15/16"	11" (279.4 mm)	

Individual wrenches sold separately.



68450



68452

See page 297 for additional information on warnings.

Socket Wrenches

Sockets



65717 – Deep



65704 – Standard

Cat. No.	Drive Size	Socket Size	Number of Points	Weight
Imperial Socket Depth				
65600	1/4"	3/16"	6	0.32 oz (9.1 g)
65601	1/4"	7/32"	6	0.32 oz (9.1 g)
65602	1/4"	1/4"	6	0.32 oz (9.1 g)
65603	1/4"	9/32"	6	0.32 oz (9.1 g)
65604	1/4"	5/16"	6	0.32 oz (9.1 g)
65605	1/4"	11/32"	6	0.48 oz (13.6 g)
65606	1/4"	3/8"	6	0.64 oz (18.1 g)
65607	1/4"	7/16"	6	0.64 oz (18.1 g)
65608	1/4"	1/2"	6	0.80 oz (22.7 g)
65700	3/8"	3/8"	6	0.80 oz (22.7 g)
65701	3/8"	7/16"	6	0.80 oz (22.7 g)
65702	3/8"	1/2"	6	1.0 oz (28 g)
65703	3/8"	9/16"	6	1.0 oz (28 g)
Imperial Deep Socket Depth				
65610	1/4"	1/4"	6	1.0 oz (28 g)
65611	1/4"	9/32"	6	1.0 oz (28 g)
65613	1/4"	11/32"	6	1.1 oz (31 g)
65614	1/4"	3/8"	6	1.3 oz (37 g)
65615	1/4"	7/16"	6	1.4 oz (40 g)
65711	3/8"	7/16"	6	1.6 oz (45 g)
65712	3/8"	1/2"	6	2.1 oz (59 g)
65713	3/8"	9/16"	6	2.4 oz (68 g)
65714	3/8"	5/8"	6	3.5 oz (100 g)
65715	3/8"	11/16"	6	4.3 oz (122 g)
65716	3/8"	3/4"	6	4.5 oz (127 g)
65717	3/8"	13/16"	6	5.4 oz (154 g)
Metric				
65907	3/8"	7 mm	6	0.64 oz (18.1 g)
65908	3/8"	8 mm	6	0.64 oz (18.1 g)
65909	3/8"	9 mm	6	0.80 oz (22.7 g)
65910	3/8"	10 mm	6	0.80 oz (22.7 g)
65911	3/8"	11 mm	6	0.80 oz (22.7 g)
65912	3/8"	12 mm	6	1.0 oz (28 g)
65913	3/8"	13 mm	6	1.1 oz (31 g)
65914	3/8"	14 mm	6	1.3 oz (37 g)
65915	3/8"	15 mm	6	1.6 oz (45 g)
65916	3/8"	16 mm	6	1.4 oz (40 g)
65917	3/8"	17 mm	6	1.6 oz (45 g)
65918	3/8"	18 mm	6	1.8 oz (50 g)
65919	3/8"	19 mm	6	2.2 oz (64 g)
Imperial Socket Depth				
65704	3/8"	5/8"	12	1.3 oz (37 g)
65705	3/8"	11/16"	12	1.8 oz (50 g)
65706	3/8"	3/4"	12	1.9 oz (54 g)
65707	3/8"	13/16"	12	2.4 oz (68 g)
65708	3/8"	7/8"	12	3.0 oz (86 g)
65800	1/2"	7/16"	12	1.9 oz (54 g)
65801	1/2"	1/2"	12	1.9 oz (54 g)
65802	1/2"	9/16"	12	1.9 oz (54 g)
65804	1/2"	11/16"	12	2.4 oz (68 g)
65805	1/2"	3/4"	12	3.2 oz (91 g)
65806	1/2"	13/16"	12	3.2 oz (91 g)
65807	1/2"	7/8"	12	3.2 oz (91 g)
65808	1/2"	15/16"	12	4.0 oz (113 g)
65809	1/2"	1"	12	4.8 oz (136 g)
65810	1/2"	1-1/16"	12	5.6 oz (159 g)
65811	1/2"	1-1/8"	12	6.4 oz (181 g)
65812	1/2"	1-1/4"	12	8 oz (227 g)
Imperial Deep Socket Depth				
65825	1/2"	1/2"	12	4.8 oz (136 g)
65826	1/2"	9/16"	12	5.0 oz (141 g)
65827	1/2"	5/8"	12	3.8 oz (109 g)
65828	1/2"	11/16"	12	5.1 oz (145 g)
65829	1/2"	3/4"	12	5.8 oz (163 g)
65830	1/2"	13/16"	12	6.6 oz (186 g)
65831	1/2"	7/8"	12	6.6 oz (186 g)

1/4" Drivers and Extensions



65620

65621

65622

65623

Cat. No.	Description	Weight
65620	4-3/4" Ratchet, 1/4" Drive	0.32 lb (0.15 kg)
65621	Spinner Handle	0.19 lb (0.09 kg)
65622	2" Extension with 1/4" Socket Size	0.80 oz (22.7 g)
65623	6" Extension	0.14 lb (0.06 kg)

3/8" Drivers and Extensions



65720

65721

65722

65723

65724

Cat. No.	Description	Weight
65720	7" Ratchet, 3/8" Drive	0.73 lb (0.33 kg)
65721	1-3/4" Extension	1.4 oz (40 g)
65722	3" Extension	0.15 lb (0.07 kg)
65723	6" Extension 3/8" Socket Size	0.30 lb (0.14 kg)
65724	5/8" Spark Plug Socket, 3/8" Drive	3.4 oz (95 g)

1/2" Drivers and Extensions



65820

65821

65823

Cat. No.	Description	Weight
65820	10" Ratchet, 1/2" Drive	1.3 lb (0.6 kg)
65821	5" Extension, 1/2" Drive	0.45 lb (0.20 kg)
65823	5/8" Spark Plug Socket 1/2" Drive	2.9 oz (82 g)

Socket Wrench Sets

13-Piece 1/4" Drive Socket Wrench Set



65500

Set consists of the following pieces:

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

Cat. No.	Description	Weight
65500	1/4" Drive Socket Wrench Set, 13-Piece	2.1 lb (0.9 kg)

12-Piece 3/8" Drive Socket Wrench Set



65504

Set consists of the following pieces:

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

Cat. No.	Description	Weight
65504	3/8" Drive Socket Wrench Set, 12-Piece	3.6 lb (1.6 kg)

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



65502

Set consists of the following pieces:

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

Cat. No.	Description	Weight
65502	3/8" Drive Deep Socket Wrench Set, 8-Piece	2.7 lb (1.2 kg)

20-Piece 3/8" Drive Socket Wrench Set



65508

Set consists of the following pieces:

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

Cat. No.	Description	Weight
65508	3/8" Drive Socket Wrench Set, 20-Piece	5.4 lb (2.5 kg)

See page 297 for additional information on warnings.

Socket Wrench Sets

13-Piece 3/8" Drive Socket Set - Metric



65506

Set consists of the following pieces:

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

Cat. No.	Description	Weight
65506	3/8" Drive Socket Set, Metric, 13-Piece	1.3 lb (0.6 kg)

12-Piece 1/2" Drive Socket Wrench Set



65510

Set consists of the following pieces:

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

Cat. No.	Description	Weight
65510	1/2" Drive Socket Wrench Set, 12-Piece	5.4 lb (2.4 kg)

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



65514

Set consists of the following pieces:

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

Cat. No.	Description	Weight
65514	1/2" Drive Deep Socket Wrench Set, 8-Piece	4.5 lb (2.1 kg)

16-Piece 1/2" Drive Socket Wrench Set



65512

Set consists of the following pieces:

- Thirteen 12-point sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", and 1-1/4"
- One extension: 5" long
- One flex handle: 17" long
- One ratchet
- Hinged metal box

Cat. No.	Description	Weight
65512	Socket Wrench Set, 1/2" Drive, 16-Piece	9.6 lb (4.4 kg)

Ratcheting Box Wrenches

For use in confined spaces and on long studs

Different size opening on each end



Corrosion resistant

Durable chrome-plated finish

Laminated construction for greater strength

MADE IN USA

Reverse ratcheting action by simply turning wrench over

Ratcheting Box Wrenches



68201

Cat. No.	Size	Number of Points	Overall Length	Weight
68200	1/4" x 5/16"	12	4.375" (111.1 mm)	0.13 lb (0.06 kg)
68201	3/8" x 7/16"	12	5.5" (139.7 mm)	0.18 lb (0.08 kg)
68202	1/2" x 9/16"	12	6.875" (174.6 mm)	0.29 lb (0.13 kg)
68203	5/8" x 11/16"	12	8.25" (209.6 mm)	0.43 lb (0.20 kg)
68204	5/8" x 3/4"	12	8.25" (209.6 mm)	0.42 lb (0.19 kg)
68205	11/16" x 3/4"	12	9.25" (235 mm)	0.52 lb (0.24 kg)
68206	13/16" x 7/8"	12	9.25" (235 mm)	0.69 lb (0.31 kg)

Ratcheting Box Wrench Sets

Includes core ratcheting box wrench features plus:

- Includes vinyl roll-up pouch



68222

Cat. No.	Set Contains				Weight
68221	Ratcheting Box Wrench Set, 5-Piece				2.7 lb (1.2 kg)
	Cat. No.	**Size**	**Number of Points**	**Overall Length**	
	68200	1/4" x 5/16"	12	4.375" (111.1 mm)	
	68201	3/8" x 7/16"	12	5.5" (139.7 mm)	
	68202	1/2" x 9/16"	12	6.875" (174.6 mm)	
	68203	5/8" x 11/16"	12	8.25" (209.6 mm)	
	68204	5/8" x 3/4"	12	8.25" (209.6 mm)	

Cat. No.	Set Contains				Weight
68222	7 Piece Ratcheting Box Wrench Set				1.5 lb (0.7 kg)
	Cat. No.	**Size**	**Number of Points**	**Overall Length**	
	68200	1/4" x 5/16"	12	4.375" (111.1 mm)	
	68201	3/8" x 7/16"	12	5.5" (139.7 mm)	
	68202	1/2" x 9/16"	12	6.875" (174.6 mm)	
	68203	5/8" x 11/16"	12	8.25" (209.6 mm)	
	68204	5/8" x 3/4"	12	8.25" (209.6 mm)	
	68205	11/16" x 3/4"	12	9.25" (235 mm)	
	68206	13/16" x 7/8"	12	9.25" (235 mm)	

Individual wrenches sold separately.

See page 297 for additional information on warnings.

Ratcheting Refrigeration Wrenches

Includes core ratcheting box wrench features plus:

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



68310

NEW Product



86939

Cat. No.	Size	Overall Length	Weight
68309	3/16" and 1/4" Sq. x 1/2" and 9/16" Hex	6.813" (173.1 mm)	0.43 lb (0.20 kg)
68310	3/16" and 5/16" Sq. x 1/4" and 3/8" Sq.	5.5" (139.7 mm)	0.20 lb (0.09 kg)

Additional Items

Cat. No.	Description	Hex Size	Connector Type	Overall Length	Weight
NEW 86939	Hex Key Adapter for Refrigeration Wrench	3/16" and 5/16"	Spring Loaded Ball Bearing	2.125" (54.0 mm)	0.7 oz (20 g)

Ratcheting Offset Box Wrenches

Fully Reversible Ratcheting Offset Box Wrenches

Includes core ratcheting box wrench features plus:

- Both ends are offset 25° for more convenient use in confined spaces
- Quick-flip reversing lever for instant ratchet reversal



68236

Cat. No.	Size	Number of Points	Overall Length	Weight
68234	1/4" x 5/16"	6	4.375" (111.1 mm)	0.13 lb (0.06 kg)
68236	3/8" x 7/16"	6	5.5" (139.7 mm)	0.18 lb (0.08 kg)
68238	1/2" x 9/16"	6	6.75" (171.5 mm)	0.30 lb (0.14 kg)
68240	5/8" x 11/16"	12	8.125" (206.4 mm)	0.46 lb (0.21 kg)
68242	3/4" x 7/8"	12	9.125" (231.8 mm)	0.50 lb (0.23 kg)

Fully Reversible Ratcheting Offset Box Wrench Sets

Includes core ratcheting box wrench features plus:

- Includes vinyl roll-up pouch

Cat. No.	Set Contains	Weight
68244	Reversible Ratcheting Box Wrench Set, 3-Piece	0.61 lb (0.3 kg)

Cat. No.	Size	Number of Points	Overall Length
68234	1/4" x 5/16"	6	4.375" (111.1 mm)
68236	3/8" x 7/16"	6	5.5" (139.7 mm)
68238	1/2" x 9/16"	6	6.75" (171.5 mm)

Cat. No.	Set Contains	Weight
68245	Reversible Ratcheting Box Wrench Set, 5-Piece	0.61 lb (0.28 kg)

Cat. No.	Size	Number of Points	Overall Length
68234	1/4" x 5/16"	6	4.375" (111.1 mm)
68236	3/8" x 7/16"	6	5.5" (139.7 mm)
68238	1/2" x 9/16"	6	6.75" (171.5 mm)
68240	5/8" x 11/16"	12	8.125" (206.4 mm)
68242	3/4" x 7/8"	12	9.125" (231.8 mm)

Individual wrenches sold separately.



68245

Specialty Wrenches

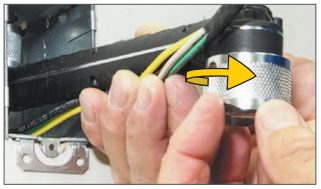
Conduit Locknut Wrench

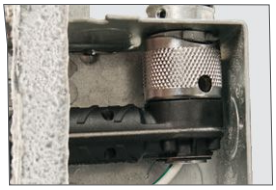
DIRECT DRIVE

- Easily attach locknuts in tight or deep cut-in boxes
- For 1/2" and 3/4" connectors
- Direct-drive heads rotate each other when twisted
- Heavy-duty steel construction enables needed torque to loosen or tighten connectors
- Perfect for remodel work where box is filled with existing wires



56999





US Patent pending

Cat. No.	Size	Overall Length	Weight
56999	1/2" and 3/4"	9" (228.6 mm)	0.70 lb (0.32 kg)

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
- 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.	Socket Size	Handle Diameter	Overall Length	Weight
68005	3/8" and 7/16" Hex Nut	1" (25.4 mm)	7" (177.8 mm)	0.35 lb (0.16 kg)

Lineman's Ratcheting Box Wrenches

- 1/2", 9/16", 5/8" and 3/4" sizes in one tool (Cat. No. KT223X4)
- Solid, one piece design (Cat. No. KT223X4) NOT INSULATED



KT223X4

Cat. No.	Description	Size	Number of Points	Overall Length	Weight
KT223X4	Lineman's Ratcheting 4-in-1 Box Wrench	1/2", 9/16", 5/8", 3/4"	12	8.25" (209.6 mm)	10.0 lb (4.5 kg)
KT223X4-INS	Lineman's Insulating 4-in-1 Box Wrench	1/2", 9/16" 5/8", 3/4"	12	9" (228.6 mm)	0.70 lb (0.32 kg)



KT223X4-INS

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
- Cat. Nos. 3146 and 3146A are dark blue; Cat. No. 3146B is Silver
- Small end is painted silver on Cat. No. 3146A
- Cat. No. 3146B features end openings sized to NEMA hardware specifications



3146



Dark Blue - 3146



Blue/Silver - 3146



Silver - 3146B

Cat. No.	Application	Overall Length	Large Size	Small Size	Weight
3146	5/8" (15.9 mm) Hardware	13" (330.2 mm)	29/32" and 1-3/32"	5/8" and 13/16"	1.9 lb (0.8 kg)
3146A	3/4" (19.1 mm) Hardware	13" (330.2 mm)	1-1/16" and 1-5/16"	5/8" and 7/8"	1.7 lb (0.8 kg)
3146B	Bell System Type	13" (330.2 mm)	1-1/16" and 1-3/16"	11/16" and 7/8"	1.8 lb (0.8 kg)

See page 297 for additional information on warnings.

Specialty Wrenches

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 sizes for most common utility hardware
- Bright yellow socket for easy visibility
- Works on most common utility pole hardware, such as lag bolts, "C" clamps and suspension bolts
- Side ridges that provide a better grip and includes 13/16" square socket size (Cat. No. KT152T)



KT151T


KT152T


KT155HD


KT155T

Cat. No.	Description	Overall Length	Size	Number of Points	Weight
KT151T	Lineman's Ratcheting Wrench	13" (330.2 mm)	3/4", 1", 1-1/8"	8	2.1 lb (1.0 kg)
KT152T	Lineman's Slim Ratcheting Wrench	13.25" (336.6 mm)	3/4", 13/16", 1" and 1-1/8"	8	2.1 lb (1.0 kg)
KT155HD	5-in-1 Lineman's Ratcheting Wrench, Heavy Duty	12" (304.8 mm)	9/16" and 3/4"	8	2.1 lb (1.0 kg)
KT155T	5-in-1 Lineman's Ratcheting Wrench	9.375" (238.1 mm)	9/16" and 3/4"	8	1.4 lb (0.6 kg)

2-in-1 Impact Sockets

- Single ended impact socket wrench with hands-free adjustment between socket sizes
- Two coaxial spring-loaded 3/4" and 9/16" hex socket sizes in one tool
- Deep socket with a 1/2" drive works great for pole hardware installation and removal
- High-torque design is easier to position; Cat. No. 66001 works with square fasteners and Cat. No. 66004 works with hex fasteners
- Cross hole design to prevent unintentional separation of adapter and socket
- Engineered for use with impact drivers



66004 66001

Cat. No.	Drive Size	Socket Size	Number of Points	Weight
66001	1/2"	3/4" and 9/16"	12	0.5 lbs. (0.23 kg)
66004	1/2"	3/4" and 9/16"	6	0.5 lb (0.23 kg)

Impact Sockets

- Fine-tuned ball detent provides improved retention, minimizing drops
- Long hollow shaft allows use on long threaded bolts
- Quick-change adapter included on all sockets
- Adapters extend or retract head for easy access to the size you need
- Do not exceed 200 ft./lbs. of torque



NRHD



NRHD3



NRHD4


NRHDA


NRHDA3


NRHDA4

Cat. No.	Description	Overall Length	Socket Size	Weight
NRHD	3-in-1 Impact Socket	7.75" (196.9 mm)	3/4", 1", 1-1/8"	2.0 lb (0.9 kg)
NRHD3	Single Ended Impact Socket	10" (254.0 mm)	to 1-1/8" (28.6 mm) Square	2.0 lb (0.9 kg)
NRHD4	4-in-1 Square Impact Socket	9" (228.6 mm)	Square - 3/4", 13/16", 1" and 1-1/8"	2.26 lb (1.03 kg)
NRHDA	Adapter for NRHD	4.906" (124.6 mm)	7/16"	0.36 lb (0.16 kg)
NRHDA3	Adapter for NRHD3	2.469" (62.7 mm)	1/2"	0.18 lb (0.08 kg)
NRHDA4	Adapter for NRHD4	2.75" (69.9 mm)	1/2" Male Square	0.18 lb (0.08 kg)

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

See page 297 for additional information on warnings.

Construction Wrenches

Adjustable-Head Construction Wrenches

- Eliminates the need for carrying several fixed-size wrenches
- Forged fron 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
- Precision-machines jaws are individually chosen and assembled by hand for smooth operation
- Heat-treated for long life



3239

Cat. No.	Overall Length	Handle Color	Handle Finish	Jaw Capacity	Weight
3239	16" (406.4 mm)	Black	Black Oxide	1-1/2" (38.1 mm)	2.4 lb (1.1 kg)
3227	11" (279.4 mm)	Black	Black Oxide	1-5/16" (33.3 mm)	1.2 lb (0.5 kg)

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	Size	Weight
3238	15" (381.0 mm)	1/2"	2.1 lb (1.0 kg)

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads
- Extra-heavy-duty head area gives maximum strength and durability
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt-hole sizes without binding
- Extra-large hub area works on larger diameter holes better than other wrenches
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification
- American Bridge design
- Cat. Nos. 3212TT, 3213TT, and 3214TT feature tether hole for working at height



3231



3214TT

Cat. No.	Overall Length	Nut Type	Bolt Size	Nominal Opening	Head Width	Taper Diameter	Weight
3210	14.75" (374.7 mm)	U.S. Heavy	1/2" (12.7 mm)	7/8" (22.2 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.4 lb (0.6 kg)
3211	14.75" (374.7 mm)	U.S. Heavy	5/8" (15.9 mm)	1-1/16" (27.0 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.3 lb (0.6 kg)
3212	16.625" (422.3 mm)	U.S. Heavy	3/4" (19.1 mm)	1-1/4" (31.8 mm)	2.5" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	2.0 lb (0.9 kg)
3213	17.375" (441.3 mm)	U.S. Heavy	7/8" (22.2 mm)	1-7/16" (36.5 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	2.7 lb (1.2 kg)
3214	18" (457.2 mm)	U.S. Heavy	1" (25.4 mm)	1-5/8" (41.3 mm)	3.625" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	3.4 lb (1.5 kg)
3219	14.75" (374.7 mm)	U.S. Regular	1/2" (12.7 mm)	3/4" (19.1 mm)	2.25" (57.2 mm)	7/8" x 1/2" (22.2 to 12.7 mm)	1.4 lb (0.6 kg)
3220	14.75" (374.7 mm)	U.S. Regular	1/2" (12.7 mm)	13/16" (20.6 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.4 lb (0.6 kg)
3221	14.75" (374.7 mm)	U.S. Regular	5/8" (15.9 mm)	1" (25.4 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.3 lb (0.6 kg)
3222	16.625" (422.3 mm)	U.S. Regular	3/4" (19.1 mm)	1-1/8" (28.6 mm)	2.5" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	2.0 lb (0.9 kg)
3223	17.375" (441.3 mm)	U.S. Regular	7/8" (22.2 mm)	1-5/16" (33.3 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	2.9 lb (1.3 kg)
3224	18" (457.2 mm)	U.S. Regular	1" (25.4 mm)	1-1/2" (38.1 mm)	3.625" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	3.4 lb (1.5 kg)
3231	14.75" (374.7 mm)	Utility	5/8" (15.9 mm)	15/16" (23.8 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.3 lb (0.6 kg)
3232	16.625" (422.3 mm)	Utility	3/4" (19.1 mm)	1-1/16" (27.0 mm)	2.5" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	2.0 lb (0.9 kg)
Erection wrenches with tether hole for working at height							
3212TT	16.625" (422.3 mm)	U.S. Heavy	3/4" (19.1 mm)	1-1/4" (31.8 mm)	2.5" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	2.0 lb (0.9 kg)
3213TT	17.375" (441.3 mm)	U.S. Heavy	7/8" (22.2 mm)	1-7/16" (36.5 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	2.7 lb (1.2 kg)
3214TT	18" (457.2 mm)	U.S. Heavy	1" (25.4 mm)	1-5/8" (41.3 mm)	3.625" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	3.4 lb (1.5 kg)

See page 297 for additional information on warnings.

Strap Wrenches

Grip-It™ Strap Wrenches

- Completely adjustable strap wrench
- Works in the tightest quarters
- Urethane-covered, high-strength belting attached to lightweight, I-beam handle
- Cam-action design permits uniform, high-torque application
- Under normal conditions, will not scratch, damage or deform polished pipe and fittings, plastic pipe and fittings, oil and water filters, glass pipe, PVC conduit, or polished shafts
- Also works on alternator belts, flywheels, and propeller assemblies



S12H

Cat. No.	Handle Length	Diameter Capacity O.D.	Weight
S-6H	6" (152.4 mm)	1-1/2" to 5" (38.1 mm to 127.0 mm)	0.20 lb (0.09 kg)
S-12H	12" (304.8 mm)	1-1/2" to 5" (38.1 mm to 127.0 mm)	0.75 lb (0.34 kg)
S-18H	18" (457.2 mm)	1-1/8" to 8" (28.6 to 203.2 mm)	2.8 lb (1.3 kg)

Torque Wrenches

Micro-Adjustable Torque-Sensing Wrenches with Square-Drive Ratchet Head

- Micro-adjustable for increased accuracy
- Easy to read and adjust with quick release lever
- Stainless steel handle provides improved, more comfortable grip
- N.I.S.T. traceable calibration certificate meeting the ASME standard of ±4%



57005

Cat. No.	Overall Length	Drive Size	Range	Weight
57000	14.125" (358.8 mm)	3/8" (9.5 mm)	10 to 100 ft. lb. (13.6 to 135.6 Nm)	2.0 lb (0.9 kg)
57005	10.625" (269.9 mm)	3/8" (9.5 mm)	30 to 250 in. lb. (3.4 to 28.3 Nm)	1.2 lb (0.5 kg)
57010	24.25" (616 mm)	1/2" (12.7 mm)	30 to 250 ft. lb. (40.7 to 340.0 Nm)	3.7 lb (1.7 kg)

Master Electrician's Torque Tool Kit

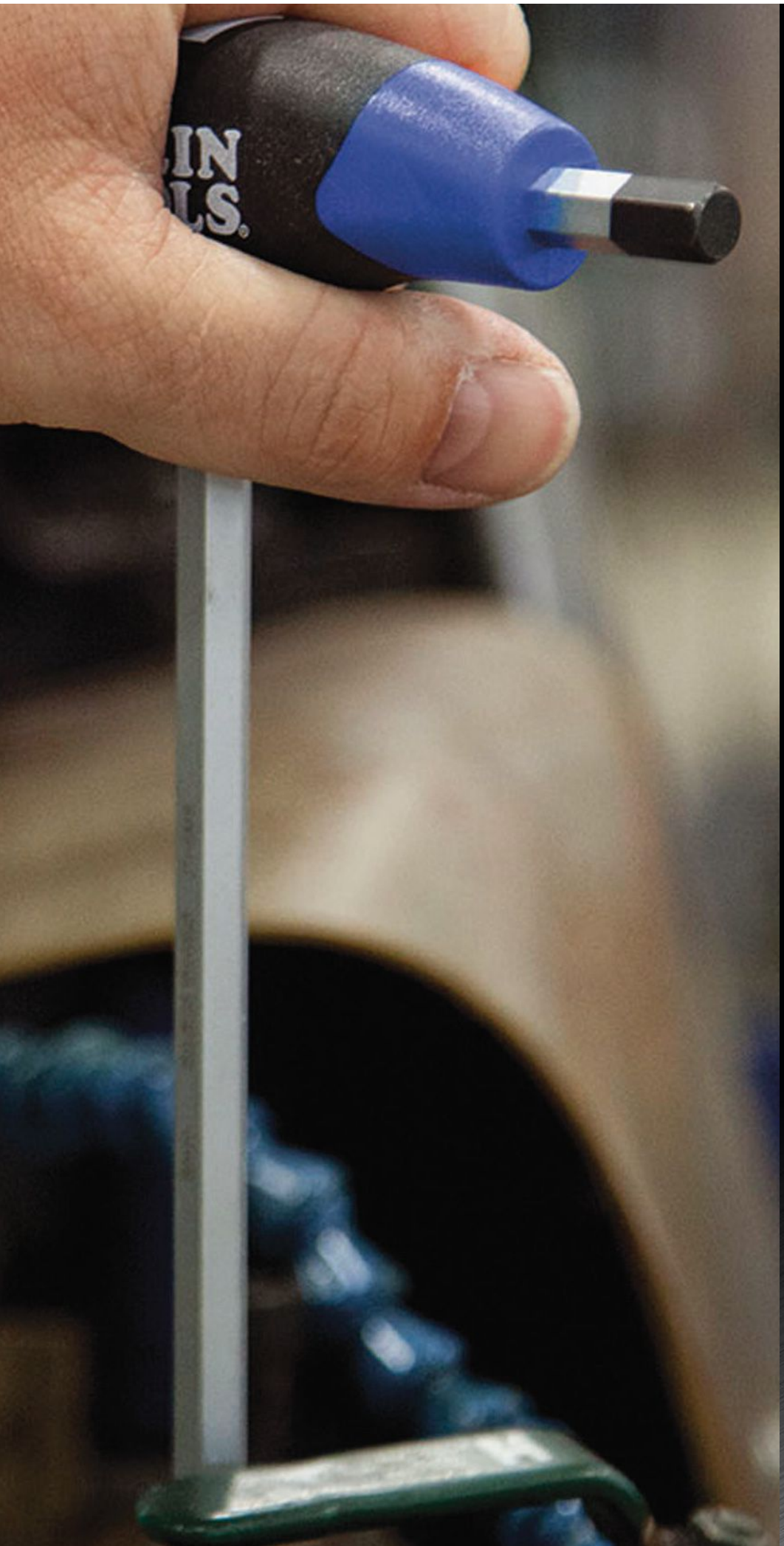
- Two micrometer-adjustable torque wrenches
- Nine hex-wrench bits
- Two 7/16" hex-wrench extensions
- One 7/16" female hex-wrench adapter coupler
- One hex-to-square adapter for wrenches and one adapter for screwdrivers
- One adjustable torque screwdriver
- Seven screwdriver bits; five slotted, two Phillips
- Hinged metal box
- Additional torque screwdrivers available in screwdriver section



57060

Cat. No.	Description	Weight
57060	Master Electrician's Torque Kit 25-Piece	9.6 lb (4.3 kg)

See page 297 for additional information on warnings.



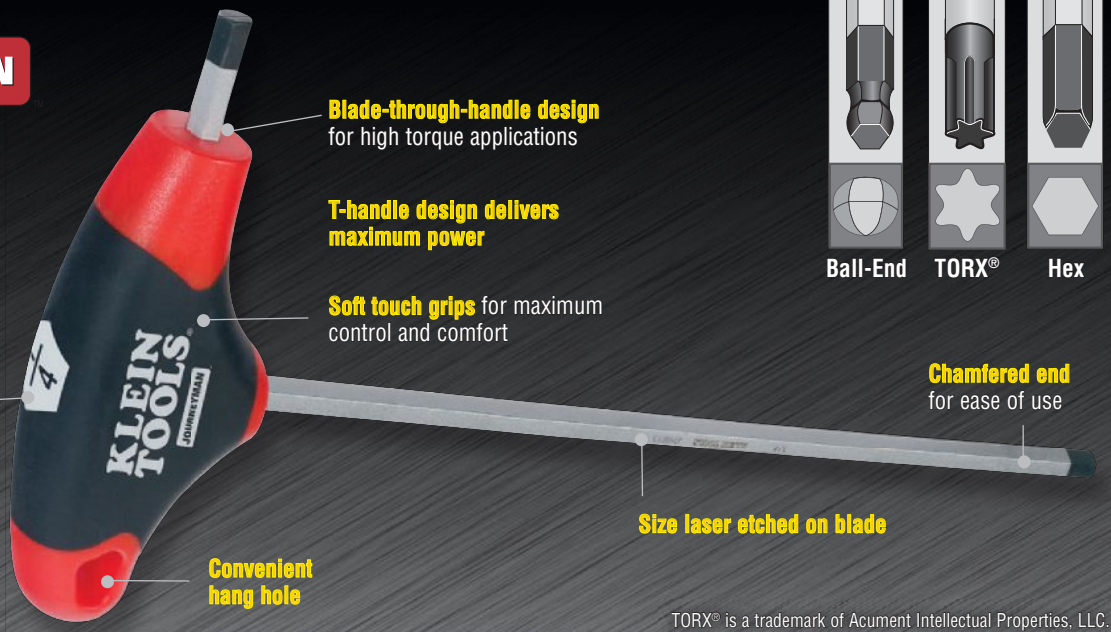
Hex-Key Wrenches

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.

For Professionals...
Since 1857™

JOURNEYMAN

T-Handle Hex-Keys

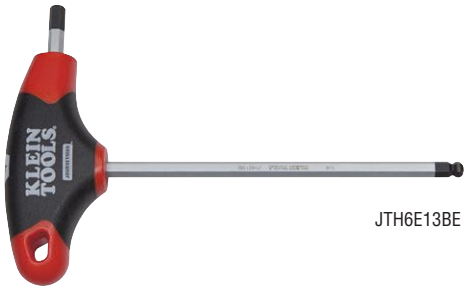


TORX® is a trademark of Acument Intellectual Properties, LLC.

T-Handle Ball-End Hex-Keys - SAE

Includes core Journeyman™ T-handle hex-key features plus:

- Short blade-through-handle provides maximum tool versatility



JTH6E13BE

Cat. No.	Hex Size	Blade Length	Weight
JTH6E06BE	3/32"	6" (152.4 mm)	0.64 oz (18.1 g)
JTH6E07BE	7/64"	6" (152.4 mm)	0.80 oz (22.7 g)
JTH6E08BE	1/8"	6" (152.4 mm)	1.0 oz (28 g)
JTH6E09BE	9/64"	6" (152.4 mm)	1.1 oz (31 g)
JTH6E10BE	5/32"	6" (152.4 mm)	0.12 lb (0.05 kg)
JTH6E11BE	3/16"	6" (152.4 mm)	0.14 lb (0.06 kg)

Cat. No.	Hex Size	Blade Length	Weight
JTH6E12BE	7/32"	6" (152.4 mm)	0.17 lb (0.08 kg)
JTH6E13BE	1/4"	6" (152.4 mm)	0.27 lb (0.12 kg)
JTH6E14BE	5/16"	6" (152.4 mm)	0.35 lb (0.16 kg)
JTH6E15BE	3/8"	6" (152.4 mm)	0.45 lb (0.20 kg)
JTH6E17BE	1/2"	6" (152.4 mm)	0.70 lb (0.32 kg)

T-Handle Ball-End Hex-Key Set with Stand - SAE

Includes core Journeyman™ T-handle hex-key features plus:

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

Cat. No.	Set Contains	Weight
JTH610EB		3.0 lb (1.4 kg)

Cat. No.	Hex Size	Blade Length
JTH6E06BE	3/32"	6" (152.4 mm)
JTH6E07BE	7/64"	6" (152.4 mm)
JTH6E08BE	1/8"	6" (152.4 mm)
JTH6E09BE	9/64"	6" (152.4 mm)
JTH6E10BE	5/32"	6" (152.4 mm)
JTH6E11BE	3/16"	6" (152.4 mm)
JTH6E12BE	7/32"	6" (152.4 mm)
JTH6E13BE	1/4"	6" (152.4 mm)
JTH6E14BE	5/16"	6" (152.4 mm)
JTH6E15BE	3/8"	6" (152.4 mm)



JTH610EB

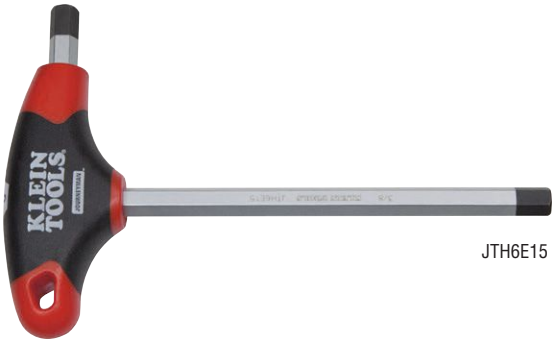
JOURNEYMAN™

T-Handle Hex-Keys

T-Handle Hex-Keys - SAE

Includes core Journeyman™ T-handle hex-key features plus:

- Short blade-through-handle provides maximum tool versatility



JTH6E15

Cat. No.	Hex Size	Blade Length	Weight
4" Length			
JTH4E06	3/32"	4" (101.6 mm)	0.05 oz (1.4 g)
JTH4E07	7/64"	4" (101.6 mm)	0.05 oz (1.4 g)
JTH4E08	1/8"	4" (101.6 mm)	0.05 oz (1.4 g)
JTH4E09	9/64"	4" (101.6 mm)	0.06 oz (1.7 g)
JTH4E10	5/32"	4" (101.6 mm)	0.11 oz (3.1 g)
JTH4E11	3/16"	4" (101.6 mm)	0.13 oz (3.7 g)
JTH4E12	7/32"	4" (101.6 mm)	0.14 oz (4.0 g)
JTH4E13	1/4"	4" (101.6 mm)	0.24 oz (6.8 g)
JTH4E14	5/16"	4" (101.6 mm)	0.30 oz (8.5 g)
JTH4E15	3/8"	4" (101.6 mm)	0.38 oz (10.8 g)
JTH4E17	1/2"	4" (101.6 mm)	0.59 oz (16.7 g)
6" Length			
JTH6E06	3/32"	6" (152.4 mm)	0.05 oz (1.4 g)
JTH6E07	7/64"	6" (152.4 mm)	0.05 oz (1.4 g)
JTH6E08	1/8"	6" (152.4 mm)	0.05 oz (1.4 g)
JTH6E09	9/64"	6" (152.4 mm)	0.06 oz (1.7 g)
JTH6E10	5/32"	6" (152.4 mm)	0.11 oz (3.1 g)
JTH6E11	3/16"	6" (152.4 mm)	0.13 oz (3.7 g)
JTH6E12	7/32"	6" (152.4 mm)	0.14 oz (4.0 g)
JTH6E13	1/4"	6" (152.4 mm)	0.24 oz (6.8 g)
JTH6E14	5/16"	6" (152.4 mm)	0.30 oz (8.5 g)
JTH6E15	3/8"	6" (152.4 mm)	0.38 oz (10.8 g)
JTH6E17	1/2"	6" (152.4 mm)	0.59 oz (16.7 g)
9" Length			
JTH9E06	3/32"	9" (228.6 mm)	0.05 oz (1.4 g)
JTH9E07	7/64"	9" (228.6 mm)	0.05 oz (1.4 g)
JTH9E08	1/8"	9" (228.6 mm)	0.06 oz (1.7 g)
JTH9E09	9/64"	9" (228.6 mm)	0.06 oz (1.7 g)
JTH9E10	5/32"	9" (228.6 mm)	0.11 oz (3.1 g)
JTH9E11	3/16"	9" (228.6 mm)	0.14 oz (4.0 g)
JTH9E12	7/32"	9" (228.6 mm)	0.18 oz (5.1 g)
JTH9E13	1/4"	9" (228.6 mm)	0.27 oz (7.7 g)
JTH9E14	5/16"	9" (228.6 mm)	0.35 oz (9.9 g)
JTH9E15	3/8"	9" (228.6 mm)	0.45 oz (12.8 g)
JTH9E17	1/2"	9" (228.6 mm)	0.70 oz (19.8 g)

T-Handle Hex-Key Sets with Stand - SAE

Includes core Journeyman™ T-handle hex-key features plus:

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



JTH610E

Cat. No.	Set Contains			Weight
JTH410E	SAE T-Handle Hex Key Set, Stand, 4", 10-Piece			2.7 lb (1.2 kg)
	Cat. No.	**Hex Size**	**Blade Length**	
	JTH4E06	3/32"	4" (101.6 mm)	
	JTH4E07	7/64"	4" (101.6 mm)	
	JTH4E08	1/8"	4" (101.6 mm)	
	JTH4E09	9/64"	4" (101.6 mm)	
	JTH4E10	5/32"	4" (101.6 mm)	
	JTH4E11	3/16"	4" (101.6 mm)	
	JTH4E12	7/32"	4" (101.6 mm)	
	JTH4E13	1/4"	4" (101.6 mm)	
	JTH4E14	5/16"	4" (101.6 mm)	
	JTH4E15	3/8"	4" (101.6 mm)	
Cat. No.	**Set Contains**			**Weight**
JTH610E	T-Handle Set with Stand, SAE, 6" Blade 10 Pc			2.7 lb (1.2 kg)
	Cat. No.	**Hex Size**	**Blade Length**	
	JTH6E06	3/32"	6" (152.4 mm)	
	JTH6E07	7/64"	6" (152.4 mm)	
	JTH6E08	1/8"	6" (152.4 mm)	
	JTH6E09	9/64"	6" (152.4 mm)	
	JTH6E10	5/32"	6" (152.4 mm)	
	JTH6E11	3/16"	6" (152.4 mm)	
	JTH6E12	7/32"	6" (152.4 mm)	
	JTH6E13	1/4"	6" (152.4 mm)	
	JTH6E14	5/16"	6" (152.4 mm)	
	JTH6E15	3/8"	6" (152.4 mm)	
Cat. No.	**Set Contains**			**Weight**
JTH910E	T-Handle Set with Stand, SAE, 9" Blade 10 Pc			3.6 lb (1.6 kg)
	Cat. No.	**Hex Size**	**Blade Length**	
	JTH9E06	3/32"	9" (228.6 mm)	
	JTH9E07	7/64"	9" (228.6 mm)	
	JTH9E08	1/8"	9" (228.6 mm)	
	JTH9E09	9/64"	9" (228.6 mm)	
	JTH9E10	5/32"	9" (228.6 mm)	
	JTH9E11	3/16"	9" (228.6 mm)	
	JTH9E12	7/32"	9" (228.6 mm)	
	JTH9E13	1/4"	9" (228.6 mm)	
	JTH9E14	5/16"	9" (228.6 mm)	
	JTH9E15	3/8"	9" (228.6 mm)	

See page 297 for additional information on warnings.

JOURNEYMAN™

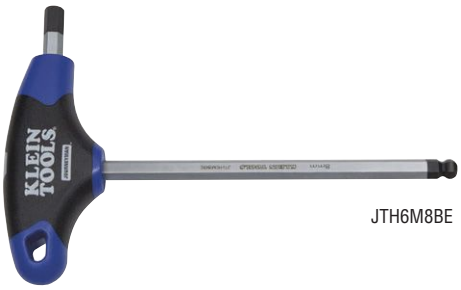
T-Handle Hex-Keys

T-Handle Ball-End Hex-Keys - Metric

Includes core Journeyman™ T-handle hex-key features plus:

- Short blade-through-handle provides maximum tool versatility

Cat. No.	Hex Size	Blade Length	Weight
JTH6M2BE	2 mm	6" (152.4 mm)	0.64 oz (18.1 g)
JTH6M25BE	2.5 mm	6" (152.4 mm)	0.80 oz (22.7 g)
JTH6M3BE	3 mm	6" (152.4 mm)	1.0 oz (28 g)
JTH6M4BE	4 mm	6" (152.4 mm)	1.1 oz (31 g)
JTH6M5BE	5 mm	6" (152.4 mm)	0.15 lb (0.07 kg)
JTH6M6BE	6 mm	6" (152.4 mm)	0.19 lb (0.09 kg)
JTH6M8BE	8 mm	6" (152.4 mm)	0.35 lb (0.16 kg)
JTH6M10BE	10 mm	6" (152.4 mm)	0.48 lb (0.22 kg)



JTH6M8BE

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

Includes core Journeyman™ T-handle hex-key features plus:

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

Cat. No.	Set Contains			Weight
JTH68MB				2.7 lb (1.2 kg)
	Cat. No.	**Hex Size**	**Blade Length**	
	JTH6M2BE	2 mm	6" (152.4 mm)	
	JTH6M25BE	2.5 mm	6" (152.4 mm)	
	JTH6M3BE	3 mm	6" (152.4 mm)	
	JTH6M4BE	4 mm	6" (152.4 mm)	
	JTH6M5BE	5 mm	6" (152.4 mm)	
	JTH6M6BE	6 mm	6" (152.4 mm)	
	JTH6M8BE	8 mm	6" (152.4 mm)	
	JTH6M10BE	10 mm	6" (152.4 mm)	



JTH68MB

T-Handle Hex-Keys - Metric

Includes core Journeyman™ T-handle hex-key features plus:

- Short blade-through-handle provides maximum tool versatility

Cat. No.	Hex Size	Blade Length	Weight
6" Length			
JTH6M2	2 mm	6" (152.4 mm)	0.64 oz (18.1 g)
JTH6M25	2.5 mm	6" (152.4 mm)	0.80 oz (22.7 g)
JTH6M3	3 mm	6" (152.4 mm)	1.0 oz (28 g)
JTH6M4	4 mm	6" (152.4 mm)	0.10 oz (2.8 g)
JTH6M5	5 mm	6" (152.4 mm)	0.15 lb (0.07 kg)
JTH6M6	6 mm	6" (152.4 mm)	0.17 lb (0.08 kg)
JTH6M8	8 mm	6" (152.4 mm)	0.35 lb (0.16 kg)
JTH6M10	10 mm	6" (152.4 mm)	0.48 lb (0.22 kg)
9" Length			
JTH9M10	10 mm	9" (228.6 mm)	0.48 oz (13.6 g)
JTH9M2	2 mm	9" (228.6 mm)	0.05 oz (1.4 g)
JTH9M25	2.5 mm	9" (228.6 mm)	0.05 oz (1.4 g)
JTH9M3	3 mm	9" (228.6 mm)	0.06 oz (1.7 g)
JTH9M4	4 mm	9" (228.6 mm)	1.4 oz (40 g)
JTH9M5	5 mm	9" (228.6 mm)	0.18 oz (5.1 g)
JTH9M6	6 mm	9" (228.6 mm)	0.22 oz (6.2 g)
JTH9M8	8 mm	9" (228.6 mm)	0.42 oz (11.9 g)



JTH6M8

See page 297 for additional information on warnings.

JOURNEYMAN™

T-Handle Hex-Keys

T-Handle Hex-Key Sets with Stand - Metric

Includes core Journeyman™ T-handle hex-key features plus:

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



JTH68M

Cat. No.	Set Contains	Weight
JTH68M	Journeyman™ T-Handle Set, Metric, 6", 8-Piece	1.8 lb (0.8 kg)

Cat. No.	Hex Size	Blade Length
JTH6M2	2 mm	6" (152.4 mm)
JTH6M25	2.5 mm	6" (152.4 mm)
JTH6M3	3 mm	6" (152.4 mm)
JTH6M4	4 mm	6" (152.4 mm)
JTH6M5	5 mm	6" (152.4 mm)
JTH6M6	6 mm	6" (152.4 mm)
JTH6M8	8 mm	6" (152.4 mm)
JTH6M10	10 mm	6" (152.4 mm)

Cat. No.	Set Contains	Weight
JTH98M	9" Metric Journeyman T-Handle Set 8 Piece	2.1 lb (1.0 kg)

Cat. No.	Hex Size	Blade Length
JTH9M2	2 mm	9" (228.6 mm)
JTH9M25	2.5 mm	9" (228.6 mm)
JTH9M3	3 mm	9" (228.6 mm)
JTH9M4	4 mm	9" (228.6 mm)
JTH9M5	5 mm	9" (228.6 mm)
JTH9M6	6 mm	9" (228.6 mm)
JTH9M8	8 mm	9" (228.6 mm)
JTH9M10	10 mm	9" (228.6 mm)

T-Handle Hex-Keys - TORX®

Includes core Journeyman™ T-handle hex-key features plus:

- Short blade-through-handle provides maximum tool versatility

Cat. No.	Hex Size	Blade Length	Weight
JTH6T10	T10	6" (152.4 mm)	0.80 oz (22.7 g)
JTH6T15	T15	6" (152.4 mm)	1.0 oz (28 g)
JTH6T20	T20	6" (152.4 mm)	1.1 oz (31 g)
JTH6T25	T25	6" (152.4 mm)	0.13 lb (0.06 kg)
JTH6T27	T27	6" (152.4 mm)	0.16 lb (0.07 kg)
JTH6T30	T30	6" (152.4 mm)	0.18 lb (0.08 kg)
JTH6T40	T40	6" (152.4 mm)	0.29 lb (0.13 kg)

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



JTH6T40

T-Handle Hex-Key Set with Stand - TORX®

Includes core Journeyman™ T-handle hex-key features plus:

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

Cat. No.	Set Contains	Weight
JTH67T	TORX T-Handle Hex Key Set and Stand, 6", 7-Pc	1.3 lb (0.6 kg)

Cat. No.	Hex Size	Blade Length
JTH6T10	T10	6" (152.4 mm)
JTH6T15	T15	6" (152.4 mm)
JTH6T20	T20	6" (152.4 mm)
JTH6T25	T25	6" (152.4 mm)
JTH6T27	T27	6" (152.4 mm)
JTH6T30	T30	6" (152.4 mm)
JTH6T40	T40	6" (152.4 mm)

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



JTH67T

See page 297 for additional information on warnings.

Folding Hex-Key Sets

Hex-Key Sets

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



70579

Cat. No.	Description	Size	Handle Length	Key Lengths	Color	Weight
70591	Folding Hex Key Set, Nine-Key, Inch Sizes	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4.375" (111.1 mm)	2.688 to 3.813" (68.3 to 96.9 mm)	Silver	0.50 lb (0.23 kg)
70581	8-Key Folding Hex Key Set, 1/20 to 5/32" SAE	1/20", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"	3.063" (77.8 mm)	1.875 to 3" (47.6 to 76.2 mm)	Silver	0.20 lb (0.09 kg)
70579	Folding Hex Key Set, 5", SAE, 5-Piece	3/16", 7/32", 1/4", 5/16", 3/8"	5.375" (136.5 mm)	2.688 to 3.813" (68.3 to 96.9 mm)	Silver	0.85 lb (0.39 kg)
70582	Seven-Key Metric Folding Hex Key Set	1-1/2 mm, 2 mm, 2-1/2 mm, 3 mm, 4 mm, 5 mm, 6 mm	3.703" (94.1 mm)	0.594 to 1.781" (15.1 to 45.2 mm)	Silver	0.27 lb (0.12 kg)
70580	Folding Hex Key Set, Six-Key, Metric Sizes	3 mm, 4 mm, 5 mm, 6 mm, 8 mm, 10 mm	5.375" (136.5 mm)	2.375 to 4" (60.3 to 101.6 mm)	Silver	0.85 lb (0.39 kg)

Grip-It™ Hex-Key Sets

- Blades rotate independently up to 270°
- Precision fit so hex tool end reduces stripping problems. Keys are industrial strength, impact-resistant and tested for performance to below freezing
- Glass-reinforced nylon handle
- Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket (Cat. Nos. 70570, 70573, 70574, and 70575)
- Ball design allows for a thicker neck diameter increasing torque capacity, while maintaining operational angles to 25% (Cat. Nos. 70571 and 70572)
- Made in the U.S.A.



70570

Cat. No.	Description	Size	Handle Length	Key Lengths	Color	Weight
70571	Grip-It® Ball End Hex Key Set, 5 Key, Inch Sizes	3/16", 7/32", 1/4", 5/16", 3/8"	4.438" (112.7 mm)	1.547 to 2" (39.3 to 50.8 mm)	Yellow	0.58 lb (0.26 kg)
70572	Grip-It® Five Key Ball Hex Set - Metric	5 mm, 6 mm, 7 mm, 8 mm, 10 mm	4.438" (112.7 mm)	1.594 to 1.938" (40.5 to 49.2 mm)	Red	0.58 lb (0.26 kg)
70573	Grip-It® 12 Key Hex Set - Inch/Metric	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	4.438" (112.7 mm)	1.438 to 2.266" (36.5 to 57.6 mm)	Blue	0.30 lb (0.14 kg)
70574	Grip-It Nine Key Hex Set with 2 Positions	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4.438" (112.7 mm)	1.75 to 2.266" (44.5 to 57.6 mm)	Yellow	0.33 lb (0.15 kg)
70575	Grip-It® Nine Key Hex Set Square Cut	3/64", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	3.813" (96.9 mm)	1.391 to 1.844" (35.3 to 46.8 mm)	Yellow	0.20 lb (0.09 kg)

TORX® Sets

Folding TORX® Set

- TORX® drive cuts slippage, saves fasteners, efficiently transmits more torque to the work
- Keys are tough, heat-treated chrome-nickel alloy steel for strength and durability
- Keys fold flat into handle
- Can be used straight out or at an angle for extra leverage



70586

Cat. No.	Size	Handle Length	Key Lengths	Color	Weight
70586	T10, T15, T20, T25, T27, T30, T40	4.375" (111.1 mm)	2.813 to 3" (71.5 to 76.2 mm)	Silver	0.30 lb (0.14 kg)

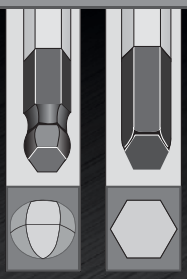
TORX® is a trademark of Acument Intellectual Properties, LLC.



L-Style Hex-Keys

Rust and corrosion resistant surfaces

Top-grade alloy steel





Extra length for hard-to-reach applications

Heat-treated and tempered for added strength and durability

Short length for higher torque situations and low clearances

MADE IN USA



LL8

L-Style Hex-Keys

Cat. No.	Hex Size	Short Arm Length	Long Arm Length	Weight
LL2	0.050"	0.563" (14.3 mm)	2.875" (73 mm)	0.08 oz (2.3 g)
LL4	1/16"	0.625" (15.9 mm)	3.063" (77.8 mm)	0.08 oz (2.3 g)
LL5	5/64"	0.688" (17.5 mm)	3.25" (82.6 mm)	0.08 oz (2.3 g)
LL6	3/32"	0.75" (19.1 mm)	3.5" (88.9 mm)	0.16 oz (4.5 g)
LL7	7/64"	0.813" (20.7 mm)	3.688" (93.7 mm)	0.32 oz (9.1 g)
LL8	1/8"	0.875" (22.2 mm)	3.875" (98.4 mm)	0.32 oz (9.1 g)
LL9	9/64"	0.938" (23.8 mm)	4.125" (104.8 mm)	0.48 oz (13.6 g)
LL10	5/32"	1" (25.4 mm)	4.375" (111.1 mm)	0.48 oz (13.6 g)
LL12	3/16"	1.125" (28.6 mm)	4.688" (119.1 mm)	0.80 oz (22.7 g)
LL14	7/32"	1.25" (31.8 mm)	5.063" (128.6 mm)	0.70 lb (0.32 kg)
LL16	1/4"	1.375" (34.9 mm)	5.5" (139.7 mm)	0.10 lb (0.05 kg)
LL20	5/16"	1.563" (39.7 mm)	6.313" (160.4 mm)	0.18 lb (0.08 kg)
LL24	3/8"	1.75" (44.5 mm)	7.125" (181 mm)	0.25 lb (0.11 kg)
Metric				
LLM15	1.5 mm	0.563" (14.3 mm)	3.125" (79.4 mm)	0.08 oz (2.3 g)
LLM2	2 mm	0.688" (17.5 mm)	3.031" (77 mm)	0.08 oz (2.3 g)
LLM25	2.5 mm	0.813" (20.7 mm)	3.563" (90.5 mm)	0.16 oz (4.5 g)
LLM3	3 mm	0.875" (22.2 mm)	4" (101.6 mm)	0.32 oz (9.1 g)
LLM4	4 mm	1" (25.4 mm)	4.5" (114.3 mm)	0.48 oz (13.6 g)
LLM5	5 mm	1.25" (31.8 mm)	4.875" (123.8 mm)	0.80 oz (22.7 g)
LLM6	6 mm	1.438" (36.5 mm)	5.688" (144.5 mm)	1.3 oz (37 g)
LLM8	8 mm	1.688" (42.9 mm)	6.313" (160.4 mm)	0.15 lb (0.07 kg)
LLM10	10 mm	1.938" (49.2 mm)	7.125" (181 mm)	0.25 lb (0.11 kg)



BL8

L-Style Ball-End Hex-Keys

Includes core L-Style hex key features plus:

- Allows easy access, even in restricted areas
- Ball-end works on angles up to 30°

Cat. No.	Hex Size	Short Arm Length	Long Arm Length	Weight
BL2	0.050"	0.563" (14.3 mm)	2.875" (73 mm)	0.03 oz (0.9 g)
BL4	1/16"	0.625" (15.9 mm)	3.063" (77.8 mm)	0.03 oz (0.9 g)
BL5	5/64"	0.688" (17.5 mm)	3.25" (82.6 mm)	0.08 oz (2.3 g)
BL6	3/32"	0.75" (19.1 mm)	3.5" (88.9 mm)	0.08 oz (2.3 g)
BL7	7/64"	0.75" (19.1 mm)	3.688" (93.7 mm)	0.16 oz (4.5 g)
BL8	1/8"	0.875" (22.2 mm)	3.875" (98.4 mm)	0.32 oz (9.1 g)
BL9	9/64"	0.938" (23.8 mm)	4.125" (104.8 mm)	0.32 oz (9.1 g)
BL10	5/32"	1" (25.4 mm)	4.375" (111.1 mm)	0.48 oz (13.6 g)
BL12	3/16"	1.125" (28.6 mm)	4.688" (119.1 mm)	0.80 oz (22.7 g)
BL14	7/32"	1.25" (31.8 mm)	5.063" (128.6 mm)	1.0 oz (28 g)
BL16	1/4"	1.375" (34.9 mm)	5.813" (147.7 mm)	1.4 oz (40 g)
BL20	5/16"	1.563" (39.7 mm)	6.313" (160.4 mm)	0.17 lb (0.08 kg)
BL24	3/8"	1.75" (44.5 mm)	7.125" (181 mm)	0.23 lb (0.10 kg)
Metric				
BLM15	1.5 mm	0.563" (14.3 mm)	3.063" (77.8 mm)	0.16 oz (4.5 g)
BLM2	2 mm	0.688" (17.5 mm)	3.313" (84.2 mm)	0.16 oz (4.5 g)
BLM25	2.5 mm	0.813" (20.7 mm)	3.563" (90.5 mm)	0.16 oz (4.5 g)
BLM3	3 mm	0.875" (22.2 mm)	4" (101.6 mm)	0.32 oz (9.1 g)
BLM4	4 mm	1" (25.4 mm)	4.5" (114.3 mm)	0.48 oz (13.6 g)
BLM5	5 mm	1.25" (31.8 mm)	4.875" (123.8 mm)	0.80 oz (22.7 g)
BLM6	6 mm	1.438" (36.5 mm)	5.688" (144.5 mm)	1.3 oz (37 g)
BLM8	8 mm	1.688" (42.9 mm)	6.313" (160.4 mm)	0.14 lb (0.06 kg)
BLM10	10 mm	1.938" (49.2 mm)	6.125" (155.6 mm)	0.24 lb (0.11 kg)

See page 297 for additional information on warnings.



L-Style Hex-Key Sets

L-Style Caddy Sets

Includes core L-Style hex key features plus:

- L-style hex-keys organized in convenient, durable caddy sets
- Each set contains a unique locking feature and marked slots for each key
- Ball-end works on angles up to 30° (Cat. Nos. BLK12 and BLMK10)



BLK12



LMK10

Cat. No.	Set Contains	Weight
BLK12	L Style Ball End Hex Key Caddy Set 12-Piece	0.53 lb (0.24 kg)

Cat. No.	Hex Size	Short Arm Length	Long Arm Length
BL2	0.050"	0.563" (14.3 mm)	2.875" (73 mm)
BL4	1/16"	0.625" (15.9 mm)	3.063" (77.8 mm)
BL5	5/64"	0.688" (17.5 mm)	3.25" (82.6 mm)
BL6	3/32"	0.75" (19.1 mm)	3.5" (88.9 mm)
BL7	7/64"	0.75" (19.1 mm)	3.688" (93.7 mm)
BL8	1/8"	0.875" (22.2 mm)	3.875" (98.4 mm)
BL9	9/64"	0.938" (23.8 mm)	4.125" (104.8 mm)
BL10	5/32"	1" (25.4 mm)	4.375" (111.1 mm)
BL12	3/16"	1.125" (28.6 mm)	4.688" (119.1 mm)
BL14	7/32"	1.25" (31.8 mm)	5.063" (128.6 mm)
BL16	1/4"	1.375" (34.9 mm)	5.813" (147.7 mm)
BL20	5/16"	1.563" (39.7 mm)	6.313" (160.4 mm)

Cat. No.	Set Contains	Weight
BLMK10	L Style Ball End Hex Key Caddy Set Metric 9-Piece	0.62 lb (0.28 kg)

Cat. No.	Hex Size	Short Arm Length	Long Arm Length
BLM15	1.5 mm	0.563" (14.3 mm)	3.063" (77.8 mm)
BLM2	2 mm	0.688" (17.5 mm)	3.313" (84.2 mm)
BLM25	2.5 mm	0.813" (20.7 mm)	3.563" (90.5 mm)
BLM3	3 mm	0.875" (22.2 mm)	4" (101.6 mm)
BLM4	4 mm	1" (25.4 mm)	4.5" (114.3 mm)
BLM5	5 mm	1.25" (31.8 mm)	4.875" (123.8 mm)
BLM6	6 mm	1.438" (36.5 mm)	5.688" (144.5 mm)
BLM8	8 mm	1.688" (42.9 mm)	6.313" (160.4 mm)
BLM10	10 mm	1.938" (49.2 mm)	6.125" (155.6 mm)

Cat. No.	Set Contains	Weight
LLK12	L-Style Hex Key Caddy Set 12-Piece	0.54 lb (0.24 kg)

Cat. No.	Hex Size	Short Arm Length	Long Arm Length
LL2	0.050"	0.563" (14.3 mm)	2.875" (73 mm)
LL4	1/16"	0.625" (15.9 mm)	3.063" (77.8 mm)
LL5	5/64"	0.688" (17.5 mm)	3.25" (82.6 mm)
LL6	3/32"	0.75" (19.1 mm)	3.5" (88.9 mm)
LL7	7/64"	0.813" (20.7 mm)	3.688" (93.7 mm)
LL8	1/8"	0.875" (22.2 mm)	3.875" (98.4 mm)
LL9	9/64"	0.938" (23.8 mm)	4.125" (104.8 mm)
LL10	5/32"	1" (25.4 mm)	4.375" (111.1 mm)
LL12	3/16"	1.125" (28.6 mm)	4.688" (119.1 mm)
LL14	7/32"	1.25" (31.8 mm)	5.063" (128.6 mm)
LL16	1/4"	1.375" (34.9 mm)	5.5" (139.7 mm)
LL20	5/16"	1.563" (39.7 mm)	6.313" (160.4 mm)

Cat. No.	Set Contains	Weight
LMK10	L-Style Hex Key Caddy Set Metric, 9-Piece	0.63 lb (0.29 kg)

Cat. No.	Hex Size	Short Arm Length	Long Arm Length
LLM15	1.5 mm	0.563" (14.3 mm)	3.125" (79.4 mm)
LLM2	2 mm	0.688" (17.5 mm)	3.031" (77 mm)
LLM25	2.5 mm	0.813" (20.7 mm)	3.563" (90.5 mm)
LLM3	3 mm	0.875" (22.2 mm)	4" (101.6 mm)
LLM4	4 mm	1" (25.4 mm)	4.5" (114.3 mm)
LLM5	5 mm	1.25" (31.8 mm)	4.875" (123.8 mm)
LLM6	6 mm	1.438" (36.5 mm)	5.688" (144.5 mm)
LLM8	8 mm	1.688" (42.9 mm)	6.313" (160.4 mm)
LLM10	10 mm	1.938" (49.2 mm)	7.125" (181 mm)



Levels and Measuring Tools

Klein offers a variety of levels and other measuring devices that are precise and easy to use for any layout application. Built to withstand tough jobsite conditions, Klein's innovative designs and patented technology will help you get the job done right.

For Professionals...
Since 1857™

Cross-Line Laser Levels

Self-leveling, easy-to-read horizontal & vertical laser lines







IP54: water and dust resistant

Integrated magnetic 360° mounting bracket with 1/4" and 5/8" tripod mounting threads

Projects horizontal and vertical lines independently or together for various alignments

Plumb spot lasers to pinpoint overhead locations (model 93LCLS only)

Laser Line Levels

Includes core laser level features plus:

- Additional mounting clamp attachment for use on ceiling grid applications
- Molded hard carrying case included

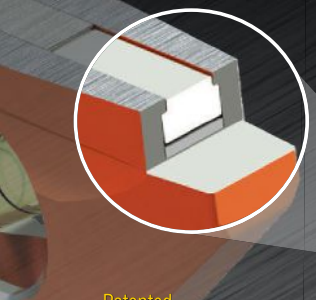




Cat. No.	Plumb Laser	Accuracy	Overall Length	Overall Height	Overall Width	Weight
93LCL	No	±3/32" per 33 ft (±2 mm per 10 m)	2.625" (66.7 mm)	5" (127.0 mm)	5.25" (133.4 mm)	1.6 lb (0.7 kg) without Batteries
93LCLS	Yes	±3/32" per 33 ft (±2 mm per 10 m)	2.625" (66.7 mm)	5" (127.0 mm)	5.25" (133.4 mm)	1.6 lb (0.7 kg) without Batteries

Accu-Bend™ Aluminum Levels

Prevents dog legs in conduit bends



Tapered Nose easily slides into pockets and fits in tighter spaces



Top V-Groove fits contour of pipe

Brass thumb screw for hands-free leveling when bending conduit



Patented **MAGNET TRACK**

ULTRA POWERFUL Rare Earth Magnets

Large, high visibility vials are easy to read

See page 297 for additional information on warnings.



Levels

Accu-Bend™ Aluminum Levels



- Tapered nose easily slides into pockets and fits in tighter spaces
- Patented magnet track keeps powerful rare earth magnets in place
- Top V-Groove fits contour of conduit and pipe
- Thumb screw attaches level to conduit to measure angle while bending
- Cat. No. 935AB1V is non-magnetic

Cat. No.	Number of Vials	Type of Vials	Overall Length	Weight
935AB4V	4	0°, 90°, 45°, 30°	6.25" (158.8 mm)	0.37 lb (0.17 kg)
935AB1V	1	0°	2.5" (63.5 mm)	0.15 lb (0.07 kg)



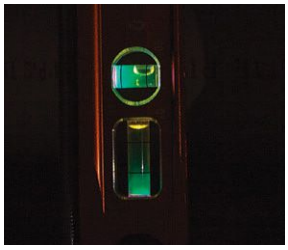
935AB4V



935AB1V

⚠**WARNING:** Brass bolt contains lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.

Billet Aluminum Torpedo Levels



Super Bright High-Definition LED Vials (Cat No. 935RBLT)

- Tapered nose easily slides into pockets and fits in tighter space
- Patented magnet track keeps powerful rare earth magnets in place
- Top V-Groove fits contour of conduit and pipe
- Cat. No. 935RBLT features large, easy to read bright LED high-definition vials for any lighting condition, a 3-minute auto-shut-off to save batter life, and is water and impact resistant

Cat. No.	Number of Vials	Type of Vials	Overall Length	Weight
935RBLT	3	0°, 90°, 45°	9" (228.6 mm)	0.70 lb (0.32 kg)
935RB	4	0°, 90°, 45°, 30°	8" (203.2 mm)	0.46 lb (0.21 kg)



935RBLT



935RB

Aluminum Torpedo Levels

- Aluminum frame with orange body for added visibility and durability
- Patented magnet track keeps powerful rare earth magnets in place
- Top V-groove fits contour of conduit and pipe
- Large high-visibility vials are easy to read
- Cat. No. 931-9RETT has tether ring for working at height
- US Patent 9,964,407

Cat. No.	Number of Vials	Type of Vials	Overall Length	Weight
935R	3	0°, 90°, 45°	9" (228.6 mm)	0.53 lb (0.24 kg)
9319RETT	3	0°, 90°, 45°	9" (228.6 mm)	0.10 lb (0.05 kg)



935R



9319RETT
SPLIT TETHER RING

Torpedo Level

- Strip magnet bottom holds securely to conduit and metal surfaces
- High-visibility orange level won't get lost on conduit
- Large high-visibility vials are easy to read
- Top V-groove fits contour of pipe

Cat. No.	Number of Vials	Type of Vials	Overall Length	Weight
935	3	0°, 90°, 45°	9" (228.6 mm)	0.27 lb (0.12 kg)



935

See page 297 for additional information on warnings.

Levels

24-Inch Bubble Level

- Adjustable vial allows angle transfer between multiple surfaces
- Patented magnet track keeps powerful rare earth magnets in place
- Top V-Groove fits contour of conduit and pipe
- High visibility vials with reinforced housing
- Durable rubberized end caps for increased drop protection
- Vial accuracy is +/- 0.029°
- US Patent 9,964,407



935L

	Cat. No.	Number of Vials	Type of Vials	Overall Length	Weight
NEW	935L	3	0°, 90°, Adjustable	24" (609.6 mm)	1.9125 lb (0.87kg)



Tape Measures

Includes core features plus:

- Heavy duty nylon coating protects blade printing
- Super-sized back clip holds securely to wide belts and extends into pockets
- Printing with centimeters and inches (Cat. Nos. 86315 and 86375)
- Cat. No. 86125 has one-sided printing
- U.S. Patent Pending


Double Hook End


Single Hook End

Cat. No.	Tape Length	Hook	Magnetic	Overall Width	Overall Length	Weight
86216	16 ft (4.9 m)	Double	Yes	2" (50.8 mm)	3.25" (82.6 mm)	0.81 lb (0.37 kg)
86225	25 ft (7.6 m)	Double	Yes	4.25" (108 mm)	6.5" (165.1 mm)	1.1 lb (0.5 kg)
86125	25 ft (7.6 m)	Single	No	2" (50.8 mm)	3.5" (88.9 mm)	1.1 lb (0.5 kg)
86230	30 ft (9.1 m)	Double	Yes	2" (50.8 mm)	3.75" (95.3 mm)	1.3 lb (0.6 kg)
Metric						
86315	5 m	Double	Yes	2" (50.8 mm)	3.25" (82.6 mm)	0.81 lb (0.37 kg)
86375	7.5 m	Double	Yes	2" (50.8 mm)	3.5" (88.9 mm)	1.1 lb (0.5 kg)

⚠WARNING:
- Protect hands when cleaning magnetic tip end. Use gloves or cloth.
- Avoid magnetic contact with sensitive electronic or computer equipment.
- To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case.
- Do NOT open case. Spring motor is under tension, and opening case may cause injury.

See page 297 for additional information on warnings.

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

Cat. No.	Tape Length	Hook	Overall Length	Overall Width	Weight
928-25HV	25 ft (7.6 m)	Single	3.5" (88.9 mm)	1" (25.4 mm)	1.0 lb (0.5 kg)



928-25HV

Tape Measure Holders

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


5707



5195



5196



5712


5195TT

Tape Measure	Holder Cat. No.	Description	Overall Size	Weight
86216, 86315	5195	Medium Leather Pouch	4-1/2" x 7" (114 mm x 178 mm)	2.9 oz (82 g)
	5707	Nylon Tape Measure Clip/Holder	4-1/8" x 3-3/4" (104 mm x 95 mm)	1.6 oz (45 g)
86125, 86225, 86375	5196	Large Leather Pouch	5" x 7" (127 mm x 178 mm)	3.4 oz (95 g)
	5707	Nylon Tape Measure Clip/Holder	4-1/8" x 3-3/4" (104 mm x 95 mm)	1.6 oz (45 g)
	5195TT	Tape Measure Holder with Tether Ring	3" x 3-1/2" (76 mm x 89 mm)	1.6 oz (45 g)
86230	5196	Large Leather Pouch	5" x 7" (127 mm x 178 mm)	3.4 oz (95 g)
	5707	Nylon Tape Measure Clip/Holder	4-1/8" x 3-3/4" (104 mm x 95 mm)	1.6 oz (45 g)
	5712	Nylon Tape Measure Pouch	3" x 3-1/2" (76 mm x 89 mm)	3.8 oz (109 g)

Laser Measuring

Laser Distance Measurer

- Meter provides measurements up to 65 ft. (19.8 m) in distance, at an accuracy of + or - 1/16" (1.6 mm)
- Quickly calculates length, area, volume, and pythagoras measurements with large, easy-to-read buttons
- Offers the option of one-touch, single-distance measurement and continuous measurement
- Depth gauge stick flips out to measure from inside corners or channels
- Highly visible backlit display
- Provides both fractional (imperial) and metric readings
- Memory stores last 20 measurements
- Includes batteries and carrying pouch to keep safe when not in use





93LDM65

Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
93LDM65	2 x AAA	1.375" (34.9 mm)	4.5" (114.3 mm)	2" (50.8 mm)	0.32 lb (0.15 kg)

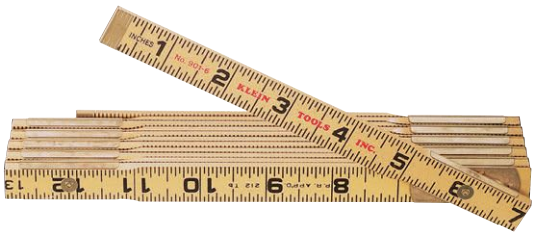
See page 297 for additional information on warnings.

Folding Rulers

Wood Folding Rules

- Strong, 6' (183 cm) long hardwood rules with clear abrasion-resistant coating
- Black markings on yellow, with red stud center markings every 16 inches
- Measurements are marked on both sides and both edges, graduated to 1/16th inch
- Riveted lock joints are designed for long wear and maintained accuracy
- Extension slide moves under friction in a T-slot with stops at each end. (Cat. No. 905-6)

Cat. No.	Reading	Overall Length	Weight
900-6	Inside	6 ft (1.8 m)	0.33 lb (0.15 kg)
901-6	Outside	6 ft (1.8 m)	0.33 lb (0.15 kg)
905-6	Outside	6 ft (1.8 m)	0.33 lb (0.15 kg)

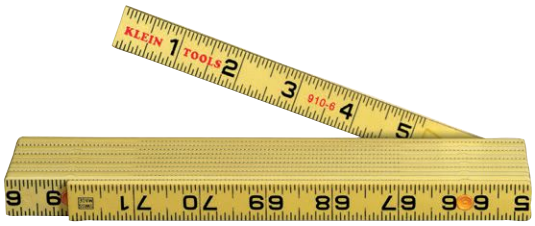


901-6

Non-Conductive Fiberglass Folding Rules

- Constructed of tough nylon, reinforced with glass fibers for added durability, and resistance to weather, abrasion and most chemicals
- Positive locking joints and stainless steel spring hinges for added strength
- Measurements are marked on both sides and both edges, graduated to 1/16th inch
- Black markings on yellow, with red stud center markings every 16 inches
- Engraved graduations on both sides

Cat. No.	Reading	Overall Length	Weight
910-6	Inside	6 ft (1.8 m)	0.33 lb (0.15 kg)
911-6	Outside	6 ft (1.8 m)	0.33 lb (0.15 kg)



910-6

Fiberglass Tapes

Woven Fiberglass Tapes

- Woven fiberglass tape with moisture-proof coating of polyvinyl chloride assures durability and protects against oil or chemicals
- Can be immersed in water without adverse effects
- All metal parts are nickel-plated for protection against rust
- Tape line is graduated in feet and inches to 8ths

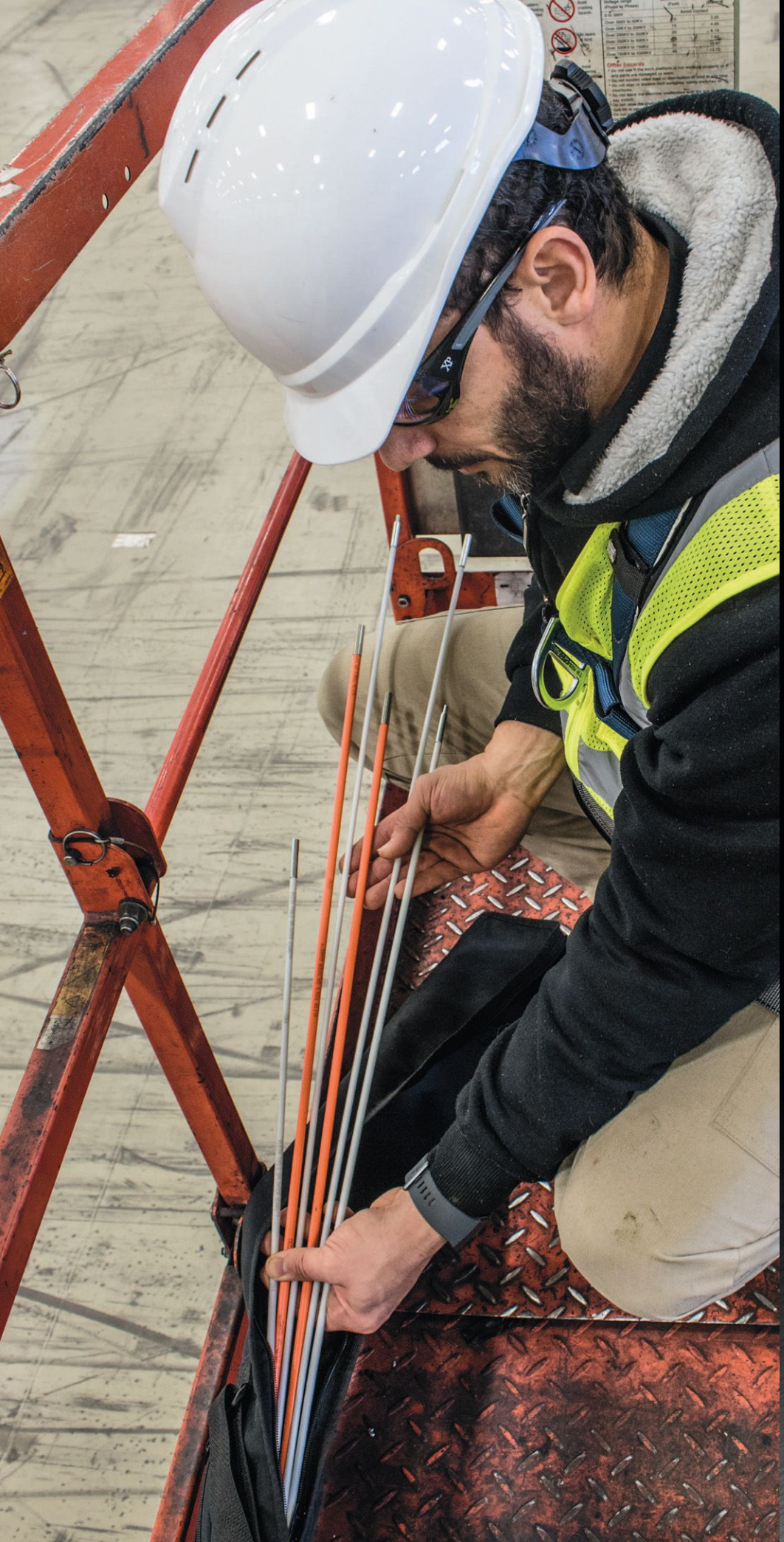


946-100



946-150

Cat. No.	Tape Length	Hook	Overall Length	Overall Width	Weight
946-50	50 ft (15.2 m)	Single	7.75" (196.9 mm)	1" (25.4 mm)	0.80 lb (0.36 kg)
946-100	100 ft (30 m)	Single	9" (228.6 mm)	1" (25.4 mm)	1.2 lb (0.5 kg)
946-150	150 ft (45.7 m)	Single	13" (330.2 mm)	2" (50.8 mm)	1.7 lb (0.8 kg)



Wire Pulling & Conduit Tools

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

For Professionals...
Since 1857™

Fish Tapes



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

Raised fingergrips transfer 100% of the winding power from your hand and fingers

Polypropylene case and handle offer the maximum in impact resistance

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

MADE IN USA

US Patents: 8899554 D574,277; 8,212,178; 8,168,921; 8,164,025
Other patents pending

Available in steel and fiberglass with a wide variety of tips

Multi-Groove Fiberglass Fish Tapes

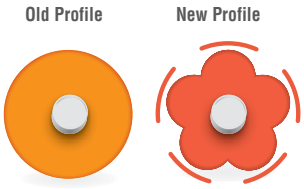
Includes core fish tape features plus:

- Rigidity for long distance
- Less surface contact when pushing through crowded conduit for smoother tape feeding
- Durable 7" (178 mm) leader helps push through crowded conduit
- Available resin eyelet for total non-conductivity
- Repair kits (Cat. Nos. 56115 and 56025) available to replace tips
- Replacement metal eyelets (Cat. No. 56116) and spiral steel leaders (Cat. No. 56120) available



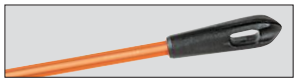
56055



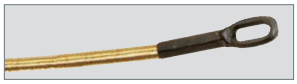


Less surface contact with wires

Cat. No.	Tape Size	Diameter	Weight
7" (179 mm) Spiral Steel Leader			
56055	100' x 3/16" (30.5 m x 4.8 mm)	13" (330.2 mm)	3.0 lb (1.4 kg)
56056	200' x 3/16" (61.0 m x 4.8 mm)	17" (431.8 mm)	6.3 lb (2.8 kg)
Non-Conductive Eyelet			
56057	50' x 3/16" (15.2 m x 4.8 mm)	13" (330.2 mm)	2.3 lb (1.1 kg)
56058	100' x 3/16" (30.5 m x 4.8 mm)	13" (330.2 mm)	3.1 lb (1.4 kg)
56059	200' x 3/16" (61.0 m x 4.8 mm)	17" (431.8 mm)	6.0 lb (2.7 kg)



Fish tape tip with non-conductive eyelet



7" spiral steel leader

See page 297 for additional information on warnings.

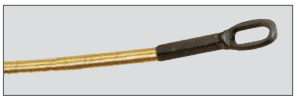
⚠WARNING: Never remove screws while fish tape is coiled inside reel.

Fish Tapes

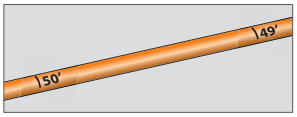
Fiberglass Fish Tapes

Includes core fish tape features plus:

- 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" (178 mm) leader helps push through crowded conduit
- The lightweight and strong fiberglass composite tape resists harsh elements and is strength rated up to 500 pulling pounds
- Repair kit (Cat. No. 56115) available to replace tips
- Replacement metal eyelets (Cat. No. 56116) and spiral steel leaders (Cat. No. 56120) available



7" spiral steel leader



1' permanent laser etched descending increments.



56010

Cat. No.	Tape Size	Diameter	Weight
56009	50' x 3/16" (15.2 m x 4.8 mm)	13" (330.2 mm)	2.8 lb (1.3 kg)
56010	100' x 3/16" (30.5 m x 4.8 mm)	13" (330.2 mm)	3.5 lb (1.6 kg)
56014	200' x 3/16" (60.96 m x 4.8 mm)	17" (431.8 mm)	6.2 lb (2.8 kg)

Steel Fish Tapes

Includes core features plus:

- Stainless Steel fish tape is corrosion resistant extending the life of the tool (Cat. Nos. 56007, 56008)
- 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
- 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)

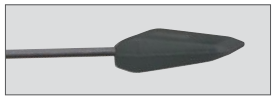


56001

Tip side profile



No snag plastic tip (Cat. No. 56005)



1' permanent laser etched descending increments.



Cat. No.	Tape Size	Diameter	Weight
1/8" Wide Steel Fish Tapes			
56007	125' x 1/8" x 0.062" (38.1 m x 3.2 mm x 1.57 mm)	13" (330.2 mm)	4.7 lb (2.1 kg)
56008	240' x 1/8" x 0.062" (73.2 m x 3.2 mm x 1.57 mm)	13" (330.2 mm)	7.5 lb (3.4 kg)
56000	25' x 1/8" x 0.045" (7.6 m x 3.2 mm x 1.14 mm)	7" (177.8 mm)	1.0 lb (0.5 kg)
56001	50' x 1/8" x 0.045" (15.2 m x 3.2 mm x 1.14 mm)	7" (177.8 mm)	1.3 lb (0.6 kg)
56002	65' x 1/8" x 0.062" (19.8 m x 3.2 mm x 1.57 mm)	9" (228.6 mm)	2.6 lb (1.2 kg)
56003	125' x 1/8" x 0.062" (38.1 m x 3.2 mm x 1.57 mm)	13" (330.2 mm)	4.7 lb (2.1 kg)
56004	240' x 1/8" x 0.062" (73.2 m x 3.2 mm x 1.57 mm)	13" (330.2 mm)	7.5 lb (3.4 kg)
1/4" Wide Steel Fish Tapes			
56005	25' x 1/4" x 0.030" (7.6 m x 6.4 mm x 0.76mm)	7" (177.8 mm)	1.1 lb (0.5 kg)
56006	100' x 1/4" x 0.062" (30.5 m x 6.4 mm x 1.57 mm)	13" (330.2 mm)	6.8 lb (3.1 kg)

Spiral Steel Fish Tapes

Includes core fish tape features plus:

- Designed for super flexibility and easy navigation through conduit runs
- Slides easily over existing wires and through multiple bends
- The durable spiral steel tape construction yields a maximum pulling force of up to 250 lbs.
- Replacement metal eyelets (Cat. No. 56116) and spiral steel leaders (Cat. No. 56120) available



7" spiral steel leader



56013

Cat. No.	Tape Size	Diameter	Weight
56013	50' x 3/16" (15.2 m x 4.8 mm)	13" (330.2 mm)	5.1 lb (2.3 kg)

See page 297 for additional information on warnings.

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

Fish Tape Accessories and Replacement Parts

Fiberglass Fish Tape Repair Kit

- Contains high leverage ratcheting crimper, two replacement eyelets, two 7" (179 mm) spiral steel replacement leaders, one tube of quick dry glue and comprehensive instructions
- Multi-function ratcheting crimper (Cat. No. 56115V) cuts tape cleanly, strips tapes and crimps on new attachments
- Newly crimped on eyelets meet or exceed original factory pulling strength requirements
- Protective carry case firmly holds all tools and additional parts in handy, organized compartments
- Cat. No. 56025 is for repairing non-conductive fiberglass fish tapes



56115

Cat. No.	Included	Weight
56115	(1) High Leverage Crimper, (2) 7" (177.8 mm) Flexible Leaders, (2) Eyelets, (1) Tube Quick-Drying Glue	2.2 lb (1.0 kg)
56025	Non-Conductive Eyelets (2 Ea.), Tube Quick-Drying Glue (1 Ea)	2.2 lb (1.0 kg)

2-Pack, 7" Spiral Steel Replacement Flexible Leaders, and 6-Pack, Replacement Eyelets

- For use with all fiberglass fish tapes
- Non-conductive resin eyelets (Cat. No. 56116)
- Attach with Klein Tools ratcheting crimper (Cat. No. 56115V) available in kit 56115 only


56120


56116

Cat. No.	Diameter	Overall Length	Weight
56120	3/16" (4.8 mm)	8.938" (227 mm)	0.11 lb (0.05 kg)
56116	3/16" (4.8 mm)	1.5" (38.1 mm)	1.0 oz (27 g)

Steel Fish Tape Swivel Eyelet

- For use with 1/8" (6 mm) wide steel fish tapes
- Swivel head design helps prevent kinks and allows smoother, easier fishing in tight turns
- High capacity eyelet holds up to five #12 unstripped wires or seven #10 bare wires
- High strength steel construction allows for optimal performance over repeated uses
- Retrofit instructions included


50351

Cat. No.	Diameter	Overall Length	Weight
50351	3/16" (4.8 mm)	1.5" (38.1 mm)	0.5 oz (14 g)

13" (330 mm) Flexible Spiral Steel Leader for Steel Fish Tapes

- For use with 1/8" (3 mm) wide steel fish tapes
- Heavy duty construction is strength rated up to 250 pulling pounds
- High capacity eyelet holds up to five #12 unstripped wires and seven #10 bare wires
- Retrofit instructions included
- The 3/16" (5 mm) diameter tape has a rustproof inner steel cable core wrapped with a spiral cover for exceptional flexibility
- Flexible leader guides steel tapes through 90° bends and makes pulling and pushing flat steel tapes easier


50350

Cat. No.	Diameter	Overall Length	Weight
50350	3/16" (4.8 mm)	13.5" (342.9 mm)	0.10 lb (0.05 kg)

6 Loop Wire Pulling Leader

- Save time by attaching leader to the end of a fish tape and pull up to six wires at once
- Braided steel construction provides up to 450 lbs. pull strength on main eyelet
- Flexible construction allows for easy navigation through multiple bends in conduit
- Staggered loop lengths won't overlap and clog pipe
- For use with 1/8" and 1/4" (3 mm and 6 mm) flat steel fish tapes


56107

Cat. No.	Overall Length	Weight
56107	11.25" (285.8 mm)	0.20 lb (0.09 kg)

See page 297 for additional information on warnings.

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

Fish Rods & Accessories



Rods have threaded beveled connectors to attach to desired length and prevent snagging on obstructions

SPLINTER GUARD™ PROTECTIVE COATING

Exclusive Splinter Guard™ protection from painful fiberglass splinters

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

MADE IN USA

Splinter Guard™ Fish and Glow Rod Kit

NEW Product

- Kit includes: 8 Splinter Guard™ fish and glow rods, 7 attachments and 1 carrying bag
- 8 Rods: Two (2) 48" long, 1/4" diameter Low-Flex Fish rods, two (2) 18" long and two (2) 60" long 3/16" diameter Mid-Flex Glow rods, two (2) 72" long 5/32" diameter Hi-Flex Glow rods
- 7 Attachments: Whisk, Double-S Hook, Magnet, Chain, Bullet Nose, Single Hook, and Twin Hook (also sold separately, Cat. No. 56511)
- Rods have durable, stainless steel connectors and Splinter Guard™ protective coating to keep hands free of fiberglass splinters
- Rotate the innovative new Double-S Hook to secure wires within its prongs for difficult pulling applications (Patent Pending)
- Attachments fit all Klein Splinter Guard™ fish and glow rods
- Luminescent rods glow in the dark and are rechargeable in most available light
- Adjustable carrying bag is constructed of durable 1680d material with a reinforced bottom and a heavy-duty zipper, accommodates 4-Ft, 5-Ft, and 6-Ft rods and has two exterior zipper pockets for shorter rods, leaders and attachments (also sold separately, Cat. No. 56401)



56400

	Cat. No.	Overall Length	Diameter	Included	Weight
NEW	56400	76" (193 cm)	1/4", 3/16", 5/32" (6.4, 4.8, 4.0 mm)	8 Rods, 7 Attachments, 1 Bag	3.2 lb (1.5 kg)

Fish and Glow Rods

- Variety of flexibilities and lengths for any application such as walls, drop ceilings, attics, crawl spaces, etc.
- Sets include bull nose and hook attachments to attach and grab wires
- Cat. No. 56430 also includes illuminated tip



56325
56418

Cat. No.	Description	Diameter	Included	Weight
56312	Lo-Flex Fish Rod Set, 12-Foot	1/4" (6.4 mm)	(3) 4' (1.2 m) Fish Rods with Bullet Nose and Hook Attachments	1.1 lb (0.5 kg)
56324	Lo-Flex Fish Rod Set, 24-Foot	1/4" (6.4 mm)	(4) 6' (1.5 m) Fish Rods with Bullet Nose and Hook Attachments	1.9 lb (0.8 kg)
56325	Fish and Glow Rod Set, 25-Foot	1/4" to 3/16" (6.4 to 4.8 mm)	(5) 4' (1.2 m) Lo-Flex Fish Rods, (1) 5' (1.3 m) Mid-Flex Glow Rod with Bullet Nose and Hook Attachments	1.8 lb (0.8 kg)
56406	Hi-Flex Glow Rod w/Splinter Guard™ Coating, 6-Foot	5/32" (4.0 mm)	(1) 6' (1.8 m) Glow Rod with Bullet Nose	0.20 lb (0.09 kg)
56409	Mid-Flex Glow Rod Set, 9-Foot	3/16" (4.8 mm)	(6) 18" (457.2 mm) Glow Rods with Bullet Nose and Hook Attachments	0.55 lb (0.25 kg)
56415	Mid-Flex Glow Rod Set, 15-Foot	3/16" (4.8 mm)	(3) 5' (1.5 m) Glow Rods with Bullet Nose and Hook Attachments	0.85 lb (0.39 kg)
56418	Hi-Flex Glow Rod Set, 18-Foot	5/32" (4.0 mm)	(3) 6' (1.8 m) Glow Rods with Bullet Nose and Hook Attachments	0.85 lb (0.39 kg)
56430	Glow Rod Set, 30-Foot	3/16" (4.8 mm)	(6) 5' (1.5 m) Glow Rods with Bullet Nose, Hook, and LED-Illuminated Tip Attachments	1.2 lb (0.5 kg)

See page 297 for additional information on warnings.

Fish Rods, Glow Rods & Accessories

SUPER ROD® SERIES

Deluxe Fish Rod Set and Mega Fish Rod Set

- Splinter resistant rods in a variety of flexibilities
- Crimped fittings for added strength and functionality
- 3X swivel rods in Mega Set accept twists in cable run
- AXM fittings on the end of each rod are mechanically crimped to carry a load of 550 lbs (250 kg)
- Each set has an extensive range of attachments for all of your wire pulling needs



SRS56980

Cat. No.	Overall Length	Included	Weight
SRS56980	33' (10 m)	10 Rods, 8 Attachments, 1 Carrying Tube	2.1 lb (1.0 kg)
SRS56981	52' (16 m)	13 Rods, 3 Swivel Rods, 12 Attachments, 5 Glow Attachments, 1 Carrying Tube	2.8 lb (1.3 kg)

SUPER ROD® SERIES

Polymer Fish Rod Set with Glow-in-the-Dark Leaders

- Non-conductive rods designed for working in confined spaces
- Great for routing cables in wire racks and on short runs
- Attachments glow in the dark for ease of use
- Includes 14" (356 mm) rods of various flexibilities and illumination for a range of individual (or 4'8" (1.4 m) combined) wire pulling applications
- Includes five Glow-in-the-Dark leaders (hook, bullet, mini-eyelet, domed-eyelet and claw)
- Convenient storage tube protects the rods between use and fits easily into your bag or toolbox

5 Attachments Included



Hook Bullet Mini-Eyelet Domed-Eyelet Claw



SRS56038

Cat. No.	Overall Length	Included	Weight
SRS56038	4' 8" (1.4 m)	(4) Fish Rods, (5) Attachment Heads	0.25 lb (0.11 kg)

Fish Rod Attachment Set

NEW Product

- Fit all Klein Splinter Guard rods
- 7 attachments: Whisk, Double-S hook, Bullet nose, Twin hook, Single hook, Magnet, Chain
- Innovative new Double-S hook grabs and secures wire and cable in difficult pulling applications (Patent Pending)
- Whisk can be used alone or in conjunction with any of the attachments to guide rods over and past obstacles
- Magnet attaches to the Chain to retrieve wire in blind applications
- Bullet Nose allows easy pulling with the line attachment hole
- Single Hook easily grabs and retrieves wires
- Twin Hook is a grappling-style tool for difficult wire retrieval
- Includes hard plastic carrying case
- Items also sold separately



56511

	Cat. No.	Kit Contains	Weight
NEW	56511	Fish Rod Attachment Set, 7-Piece	6 oz (170 g)

Cat. No.	Description
56512	Double-S Hook Fish Rod Attachment
56513	Whisk Replacement Part, Fish Rod Attachment
56514	Chain Replacement Part, Fish Rod Attachment
56515	Magnet Replacement Part, Fish Rod Attachment
56516	Twin Hook Replacement Part, Fish Rod Attachment
56517	Single Hook and Bullet Fish Rod Attachments

Illuminated Fish Rod Tip

- Lights up for maximum visibility in dark spaces
- Bright white, omni-directional LED light for long life
- Threaded top for hook or bullet nose attachment (not included)
- Fits drilled holes as small as 5/8" (16 mm)
- Compatible with LO, MID and HIGH flex rods
- Replaceable batteries included
- U.S. Pat. No. 9,062,834



56119

Cat. No.	Diameter	Overall Length	Weight
56119	37/64" (14.7 mm)	2.5" (63.5 mm)	0.31 lb (0.14 kg)

Fish Rod Carrying Bag

NEW Product

- Store and protect all your rods and accessories in one place
- Constructed of durable 1680d material with a reinforced base
- Shoulder strap adjusts for easy carrying
- Adjustable bag accommodates 4-Foot, 5-Foot, and 6-Foot rods
- Exterior pockets for 17-Inch rods
- Easily accessible exterior pocket for accessories
- Main compartment with a tough zipper closure



56401

	Cat. No.	Overall Length	Overall Height	Overall Width	Weight
NEW	56401	76" (193 cm)	5" (12.7 cm)	3.5" (8.9 cm)	1.0 lb (0.45 kg)

Wire Pulling Tools

WireSpanner™ - Telescopic Pole 18'



SRS56036

- Extends to 18' (5.4 m) in 10 seconds
- Easily retrieve cable from a distance without needing an extra pair of hands to shorten installation time
- Large hook attachment pulls multiple wires easily
- Friction-twist lock pole design stays locked in place
- Lightweight resin slides easily over obstructions
- Compact design retracts to 32" (813 mm) for easy storage

Cat. No.	Overall Length	Collapsed Length	Weight
SRS56036	18 ft (5.5 m)	2' 8" (0.8 m)	2.8 lb (1.3 kg)

Magnetic Wire Pulling System

- This system allows you to effortlessly pull cable behind walls by yourself
- Navigates through insulation and other obstructions
- Perfect for routing cable between drywall and insulation or fixture installations
- Swivel leader eyelet securely connects to most wires and mesh wire pulling grips
- Non-marring nylon leader-pull with 20' (6.1 m) of heavy-duty nylon rope eyelet for wire tie-on





SRS56037

Cat. No.	Overall Length	Weight
SRS56037	20 ft (6.1 m)	0.40 lb (0.18 kg)

Wire Pulling Lubricant

Wire Pulling Foam Lubricant



- **NO DRIPS! NO STAINS! NO MESS!**
- One can equals one gallon or 4 quarts of wax/gel lubricants*
- Foam lubricant is applied directly into the conduit. No need to pre-coat wires
- No mess formula stays where it is applied, even in vertical conduit
- Dissolves clean from hands and clothing

Cat. No.	Size	Container	Working Temperature	Weight
51100	19 oz (0.6 L)	Aerosol Can	40° F to 100° F (4° C to 38° C)	1.2 lb (0.5 kg)

* Based on job site pulls with foam in 3/4" conduit when used as directed.

WIRE PULLING COMPOUND C UL US LISTED 9P21



51100

⚠WARNING:

• Contents under pressure. Do not expose container to direct sunlight or temperatures above 120°F. Do not transport or store near heat sources. Keep cans dry and away from sources of ignition. If frozen, gradually warm to room temperature.
• Do not use wet product on live circuits. Compound is electrically conductive before it dries.

One-Quart Premium Synthetic Clear™

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

Cat. No.	Size	Container	Working Temperature	Weight
51028	1 Quart (0.9 L)	Squeeze Bottle	20° F to 122° F (-6° C to 50° C)	2.3 lb (1.0 kg)

C UL US LISTED
Wire Pulling Lubricant 842F



51028

See page 297 for additional information on warnings.

Wire Pulling Lubricant

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

c UL us LISTED
Wire Pulling Lubricant 842F

Cat. No.	Size	Container	Working Temperature	Weight
51010	1 Quart (0.9 L)	Squeeze Bottle	20° F to 122° F (-6° C to 50° C)	2.3 lb (1.0 kg)
51012	1 Gallon (3.8 L)	Bucket	20° F to 122° F (-6° C to 50° C)	8.8 lb (4.0 kg)
51013	5 Gallon (18.9 L)	Bucket	20° F to 122° F (-6° C to 50° C)	44.0 lb (20.0 kg)
56117	1 Quart (0.9 L)	Squeeze Bottle - 6 Pack	20° F to 122° F (-6° C to 50° C)	13.5 lb (6.1 kg)



51010



51012

Premium Synthetic Polymer™

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

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

Cat. No.	Size	Container	Working Temperature	Weight
51015	1 Quart (0.9 L)	Squeeze Bottle	20° F to 140° F (-6° C to 60° C)	2.3 lb (1.0 kg)
51017	1 Gallon (3.8 L)	Bucket	20° F to 140° F (-6° C to 60° C)	8.8 lb (4.0 kg)
51018	5 Gallon (18.9 L)	Bucket	20° F to 140° F (-6° C to 60° C)	44.0 lb (20.0 kg)



51015



51017

Wire Pulling Supplies

Poly Pull Line

- Use polypropylene line with manual or power fishing systems for light duty cable or rope pulling applications
- Ready to use storage containers quickly dispense a tangle free line and also protects line from direct sunlight
- Line is resistant to rot and mildew
- Up to 210 lbs. (95.2 kg) average breaking strength

Cat. No.	Container	Tensile Strength	Overall Length	Weight
56108	One-Quart Size w/Locking Lid	210 lb (95.2 kg)	500' (152 m)	1.0 lb (0.5 kg)
56110	Five-Gallon Bucket	210 lb (95.2 kg)	6500' (2 km)	11.0 lb (5.0 kg)



56108



56110

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

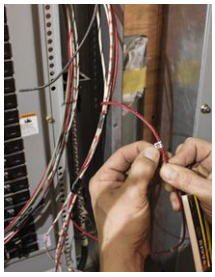
Wire Pulling Supplies

Wire Marker Books

- Larger, easy-to-read print
- More pages of the frequently used low numbers (1-24)
- Each page is perforated so that a third, two-thirds or the entire page can be easily detached
- Strong tack for lasting adhesion on oily wires
- Markers are a vinyl coated white cloth, 8 mils thick



Cat. No.	Description	Color	Number of Pages	Overall Length	Overall Width	Weight
56250	Wire Marker Book, 1-48	Black Print on White	14	5.5" (139.7 mm)	3.328" (84.5 mm)	2.1 oz (59 g)
56251	Wire Marker Book 120/240V 3 Phase 1-48	Black, Blue, Red Printed on White	14	5.5" (139.7 mm)	3.328" (84.5 mm)	2.1 oz (59 g)
56252	Wire Marker Book 277/480V 3 Phase 1-48	Brown, Orange, Yellow Print on White	14	5.5" (139.7 mm)	3.328" (84.5 mm)	2.1 oz (59 g)
56253	Wire Marker Book-Black Letters, Numbers and Symbols	Black Print on White	10	5.5" (139.7 mm)	3.328" (84.5 mm)	1.6 oz (45 g)
56254	Wire Marker Book-Household Electrical Panel	Black Print on White	10	5.5" (139.7 mm)	3.328" (84.5 mm)	1.6 oz (45 g)
56255	Wire Markers-Household Electric Panel w/Directory	Black Print on White	10	6.375" (161.9 mm)	3.625" (92.1 mm)	2.1 oz (60 g)





Conduit Benders

Exclusive design reduces rippling and ovaling of conduit

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

Interior clamp securely holds conduit while cutting with hacksaw

Interior hook surface prevents conduit from rolling or twisting during bends

Wide foot pedal provides excellent stability, leverage and comfort

Easily visible arrow for ease of alignment on conduit marks

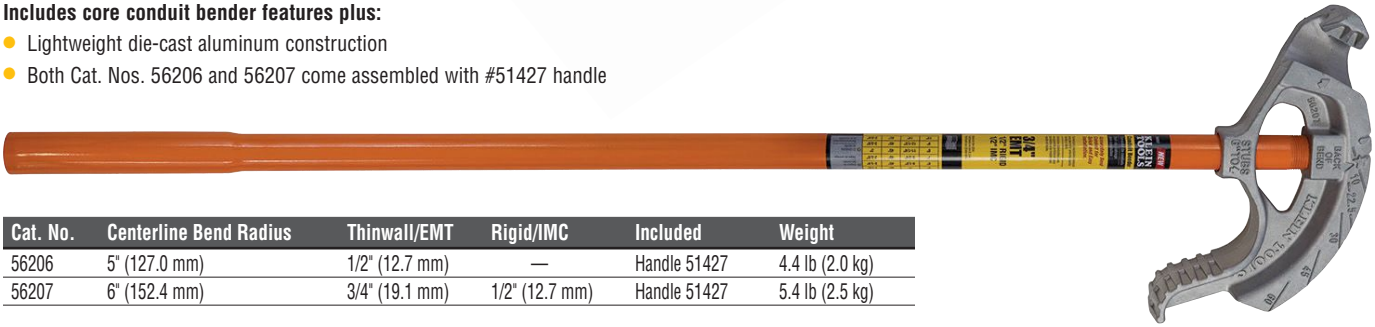
Bold cast-in symbols, degree scales, multiplier scales and center of bend marks help save time on the job

MADE IN USA

Aluminum Conduit Benders

Includes core conduit bender features plus:

- Lightweight die-cast aluminum construction
- Both Cat. Nos. 56206 and 56207 come assembled with #51427 handle



Cat. No.	Centerline Bend Radius	Thinwall/EMT	Rigid/IMC	Included	Weight
56206	5" (127.0 mm)	1/2" (12.7 mm)	—	Handle 51427	4.4 lb (2.0 kg)
56207	6" (152.4 mm)	3/4" (19.1 mm)	1/2" (12.7 mm)	Handle 51427	5.4 lb (2.5 kg)

56207

See page 297 for additional information on warnings.

Conduit Benders

Iron Conduit Benders

Includes core conduit bender features plus:

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





56205

56211

Cat. No.	Description	Centerline Bend Radius	Thinwall/EMT	Rigid/IMC	Included	Weight
56203	Assembled Iron Conduit Bender 1/2" EMT	4" (101.6 mm)	1/2" (12.7 mm)	—	Handle 51427	5.5 lb (2.5 kg)
56204	Assembled Iron Conduit Bender 3/4" EMT	5" (127 mm)	3/4" (19.1 mm)	1/2" (12.7 mm)	Handle 51427	6.6 lb (3.0 kg)
56205	Iron Conduit Bender 1" EMT, Assembled	7" (178 mm)	1" (25.4 mm)	3/4" (19.1 mm)	Handle 51428	11.6 lb (5.3 kg)
56208	1/2" Iron Conduit Bender Head	—	1/2" (12.7 mm)	—	—	2.1 lb (1.0 kg)
56209	3/4" Iron Conduit Bender Head	—	3/4" (19.1 mm)	1/2" (12.7 mm)	—	3.2 lb (1.5 kg)
56210	1" Iron Conduit Bender Head	—	1" (25.4 mm)	3/4" (19.1 mm)	—	5.5 lb (2.5 kg)
56211	Conduit Bender Head, Iron, 1-1/4"	—	1-1/4" (31.8 mm)	1" (25.4 mm)	—	16.9 lb (7.7 kg)

Bender Handles

- Available in multiple sizes and lengths and are compatible with all Klein Tools conduit bender heads
- High-strength steel eliminates flex and provides excellent feel, control and leverage
- Handle features an enlarged diameter hollow end for inserting conduit to correct overbends (Cat. No. 51427)
- Bright orange color is easy to spot on the jobsite



51427

Cat. No.	NPT Tap Size	For Use With	Overall Length	Weight
51427	3/4" (19.1 mm)	1/2" and 3/4" Bender Heads (Cat. No. 56208 and 56209)	38" (965.2 mm)	3.5 lb (1.6 kg)
51428	1" (25.4 mm)	1" Bender Head (Cat. No. 56210)	44" (111.8 cm)	6.0 lb (2.7 kg)
51429	1-1/4" (31.8 mm)	1-1/4" Bender Head (Cat. No. 56211)	54" (137.2 cm)	8.9 lb (4.0 kg)

Conduit Tools

BX and Armored Cable Cutter

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

53726-SEN
REPLACEMENT BLADE



53725

Cat. No.	Handle Color	Cutting Capacity	Overall Length	Weight
53725	Black	3/8" Flexible Conduit, #10, #12, and #14 Armored Cable	7.25" (184.2 mm)	2.0 lb (0.9 kg)

Conduit Tools

Electrician's Conduit Scoring Tool

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



88906



REPLACEMENT BLADES
1/2" & 3/4" — 88907
1" — 88908

US Patent: D638451

Cat. No.	Cutting Capacity	Overall Length	Weight
88906	Scores 1/2", 3/4" and 1" (12.7 mm, 19.1 mm and 25.4 mm) EMT Conduit	6" (152.4 mm)	1.3 lb (0.6 kg)

Conduit Locknut Wrench

DIRECT DRIVE

- Easily attach locknuts in tight or deep cut-in boxes
- For 1/2" and 3/4" connectors
- Direct-drive heads rotate each other when twisted
- Heavy-duty steel construction enables needed torque to loosen or tighten connectors
- Perfect for remodel work where box is filled with existing wires



56999



US Patent pending

Cat. No.	Size	Overall Length	Weight
56999	1/2" and 3/4"	9" (228.6 mm)	0.70 lb (0.32 kg)

Fish Tape Pulling Pliers

Includes core side-cutting features plus:

- Easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape
- Crimps non-insulated connectors, lugs, and terminals (Cat. No. J2000-9NECRTP)



D213-9NETP



Plastic-Dipped



JOURNEYMAN™
Dual-Material

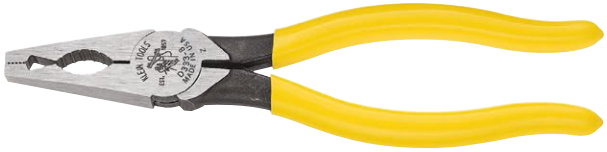
Cat. No.	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Color	Handle Finish	Overall Length	Weight
D213-9NETP	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Dark Blue	Plastic-Dipped	9.375" (238.1 mm)	1.1 lb (0.5 kg)
J213-9NETP	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Dark Blue/Black	Journeyman	9.5" (241.3 mm)	1.1 lb (0.5 kg)
Pliers with heavy-duty cutting knives designed to cut ASCR, screws, nails and most hardened wire								
D2000-9NETP	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue	Plastic-Dipped	9.375" (238.1 mm)	1.1 lb (0.5 kg)
J2000-9NETP	1.594" (40.5 mm)	1.25" (31.8 mm)	5/8" (15.9 mm)	0.781" (19.8 mm)	Light Blue/Black	Journeyman	9.5" (241.3 mm)	1.1 lb (0.5 kg)
J2000-9NECRTP	1.594" (40.5 mm)	1.25" (31.8 mm)	1-19/32" (40.5 mm)	0.781" (19.8 mm)	Blue/Black	Journeyman	9.5" (241.3 mm)	1.1 lb (0.5 kg)

See page 297 for additional information on warnings.

Conduit Tools

Conduit Locknut and Reaming Pliers

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



D333-8



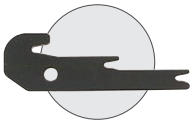
Cat. No.	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Handle Color	Handle Finish	Overall Length	Weight
D333-8	1.625" (41.3 mm)	0.938" (23.8 mm)	1/2" (12.7 mm)	3/16" (4.8 mm)	Yellow	Plastic-Dipped	7.75" (196.9 mm)	0.55 lb (0.25 kg)

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 both the inside and outside of the conduit at the same time
- 5/16" (8 mm) screwdriver tip with 2-1/2" (64 mm) long shank
- Longer Cushion-Grip handle provides comfort and more torque for reaming
- Replaceable reaming blade is now held in place with a 1/6" (1.5 mm) set screw



85191



19353
CONDUIT REAMER
REPLACEMENT BLADE, 2pk

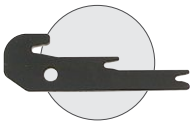
Cat. No.	Conduit Size	Overall Length	Weight
85191	1/2" (12.7 mm), 3/4" (19.1 mm), 1" (25.4 mm)	7.5" (190.5 mm)	0.50 lb (0.23 kg)

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



19353
CONDUIT REAMER
REPLACEMENT BLADE, 2pk

Cat. No.	Conduit Size	Overall Length	Weight
19352	1/2" (12.7 mm), 3/4" (19.1 mm), 1" (25.4 mm)	6.75" (171.5 mm)	0.20 lb (0.09 kg)

Power Conduit Reamer

IMPACT RATED!

- Ream conduit and install fittings in a fraction of the time
- Designed to fit into power drill chucks and quick release adapters; impact ready
- Replacement blades are available and the only approved blade for use in this tool
- Replacement bits are available but any standard 1/4" hex bit will work

Precision engineered
replaceable reaming blade

1/4" hex
quick connect

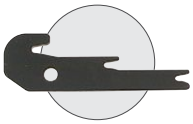


85091

4X Stronger Bit Retention



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



19353
CONDUIT REAMER
REPLACEMENT BLADE, 2pk

Cat. No.	Conduit Size	Overall Length	Weight
85091	1/2" (12.7 mm), 3/4" (19.1 mm), 1" (25.4 mm)	5.75" (146.1 mm)	0.33 lb (0.15 kg)

PVC Cutters

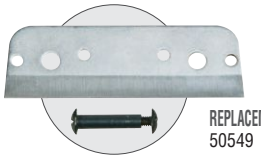
PVC-Cutter

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





50506-SEN



REPLACEMENT BLADES
50549

Cat. No.	PVC Cutting Capacity	Non-metallic Tubing Cutting Capacity	Overall Length	Weight
50506SEN	Up to 3/4" (19.1 mm) Schedule 40	1" (25.4 mm) Non-Metallic Tubing Cutting, 1-3/8" (34.9 mm) Flexible Pipe Cutting	8.5" (215.9 mm)	1.0 lb (0.5 kg)

Ratcheting PVC-Cutters

- Provide straight cuts 1/2"-2" I.D. (13 mm-51 mm) O.D. 5/8" - 2-1/2" (16 mm-64 mm) of white and gray schedule 40 and 80 PVC
- Quick, one-handed blade release
- Ratchet action allows easy, one-hand cutting
- No tools required for instant blade change
- Replacement blade and pin available



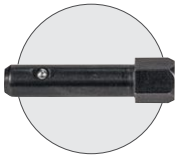
50031



REPLACEMENT BLADE FOR 50034
50035



REPLACEMENT BLADE FOR 50031
50035



REPLACEMENT RETAINING PIN
50033

Cat. No.	PVC Cutting Capacity	Non-metallic Tubing Cutting Capacity	Overall Length	Weight
50031	O.D. 5/8" to 1-5/8" (15.9 to 41.3 mm); I.D. 1/2" to 1-1/4" (12.7 to 31.8 mm)	—	9" (228.6 mm)	1.1 lb (0.5 kg)
50034	O.D. 5/8" to 2-1/2" (15.9 to 63.5 mm); I.D. 1/2" to 2" (12.7 to 50.8 mm)	—	11" (279.4 mm)	1.3 lb (0.6 kg)

⚠**WARNING:** Do NOT cut cold PVC.

⚠**WARNING:** Do NOT use to cut metallic pipes, cable or wire.

See page 297 for additional information on warnings.

Personal Protective Equipment and Safety Products

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



For Professionals...
Since 1857™

Protective Eyewear

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

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

Adjustable spatulite temples provide a comfortable customized fit.

Temple-end holes for easy lanyard attachment.

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



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

ANSI Z87.1+ 2010 | OSHA 1910.133 | Z94.3-07 (R2014)

Lens Color



Clear | Espresso | Dark Gray | SCT* Gray | Amber

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

MADE IN USA GLOBAL COMPONENTS

Protective Eyewear - Standard

- Meets military Vo ballistic test for impact
- Soft elastomer brow-guard absorbs, diffuses and deflects impact energy
- Soft flexible fingers adjust and conform to most nasal profiles reducing slippage
- Three position ratchet lens inclination adjusts for a custom fit and unsurpassed comfort
- Lens designed to follow the contour of the cheekbone and create a “zone of protection”
- Dual 9-base wrap-around lens provides uncompromised peripheral vision
- Unique ventilation channel delivers an outstanding level of moisture and fog control
- Made in USA with global components



60053

Cat. No.	Frame Color	Lens Color	Environment	Light Intensity	True Color Recognition	Visual Light Transmitted	IR Absorption	Blue Light Transmittance	Accidental Arc Protection	Weight
60046	Black	Dark Gray	Outdoor	Normal to Bright	Yes	10%	60%	—	No	2.4 oz (68 g)
60047	Black	SCT Gray	Outdoor	Normal to Bright	Yes	15%	>85%	<7%	Yes	2.4 oz (68 g)
60049	Black	Amber	Indoor/Outdoor	Normal to Low	No	90%	—	—	No	2.4 oz (68 g)
60053	Black	Clear	Indoor	Normal to Low	Yes	92%	—	—	No	2.4 oz (68 g)
60054	Light Blue	Clear	Indoor	Normal to Low	Yes	92%	—	—	No	2.4 oz (68 g)
60055	Black	Espresso	Outdoor	Normal to Bright	Yes	15%	60%	<3%	No	2.4 oz (68 g)

Protective Eyewear - Frameless

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



60056

Cat. No.	Frame Color	Lens Color	Environment	Light Intensity	True Color Recognition	Visual Light Transmitted	IR Absorption	Blue Light Transmittance	Accidental Arc Protection	Weight
60056	Black	Clear	Indoor	Normal to Low	Yes	92%	—	—	No	2.6 oz (73 g)
60057	Black	Espresso	Outdoor	Normal to Bright	Yes	15%	60%	<3%	No	2.6 oz (73 g)

See page 297 for additional information on warnings.

TRADESMAN PRO™ Personal Protective Equipment

Tradesman Pro™ Shoe Covers

- High quality, durable nylon construction
- Water resistant
- High traction, slip resistant soles (exceeds 0.5 COF per ASTM D1894)
- Reusable; 6-9 month average lifespan with daily use
- Easy on and off
- Machine wash cold, air dry
- Made in USA with global components

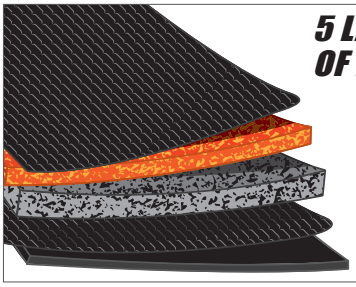


55487

Cat. No.	Color	Size	Package Quantity	Weight
55487	Black	Medium: Men's Boot 7-10; Wmn's Boot 8.5-10.5	1 Pair	3.5 oz (100 g)
55488	Black	Large: Men's Boot 10.5-13 or Wmn's Boot 11 and Up	1 Pair	3.5 oz (100 g)
55489	Black	Extra Large: Fits Men's Boot 13.5-17	1 Pair	3.5 oz (100 g)

Tradesman Pro™ Knee Pads

- Five layers of impact resistant material for protection and comfort
- For comfort: an inner fabric layer of neoprene, an over-sized impact-absorbing gel layer, a molded polyurethane foam layer
- For protection: a super-tough 600d outer fabric layer, a protective outer shell with stabilizing non-slip surface
- Single strap doesn't bunch behind your leg
- Quick-fasten buckle
- Knee pads are sold in pairs



5 LAYERS OF PROTECTION

1. Neoprene inner comfort fabric
2. Oversized impact-absorbing gel
3. Molded polyurethane foam
4. Super tough 600d outer fabric
5. Protective molded outer shell



55629

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
55629	3.5" (88.9 mm)	9.5" (241.3 mm)	7.5" (190.5 mm)	1.2 lb (0.5 kg)

Hard Hats and Accessories

V-Gard® Hats

- Polyethylene shell with 4-point Fas-Trac® ratcheting suspension
- Standard size fits head sizes 6 - 8
- Two branding choices: plain front and Klein Tools Lineman Logo
- Type I helmet meets or exceeds ANSI Z89.1-2009 and CSA Z94.1-2005 specifications for Class E
- Third Party Certified by Safety Equipment Institute
- Made in USA

Available in two colors





60031

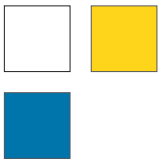
Cat. No.	Shell Color	Weight
60028	White	0.95 lb (0.43 kg)
60030	Blue	0.95 lb (0.43 kg)
60031	White w/Lineman Logo	0.95 lb (0.43 kg)

V-Gard® and Fas-Trac® are registered trademarks of Mine Safety Appliances Company. All V-Gard® helmet backs contain the Klein logo with American flag (shown on blue hard hat above). Logo color varies depending on shell color.

Hard Hats and Accessories

Hard Caps and Accessories

Available in three colors



- High-density polyethylene hard caps meet ANSI Z89.1-2003 specifications for Class E
- Unique nape strap holds hat firmly in place
- Washable, shrink-and stretch-proof straps and bands
- Porous brow pad promotes ventilation for comfort
- Standard size fits head sizes 6 - 8
- Full 6-point ratcheting suspension
- Headband clips help hold goggles in place over eyes or on front of cap
- Rain trough helps keep neck dry
- Slots at sides for attaching Cat. No. 60060 face shield and other protective gear require a universal slot adapter
- Made in USA



60010

Cat. No.	Shell Color	Weight
60009	White	0.85 lb (0.39 kg)
60010	Yellow	0.85 lb (0.39 kg)
60011	Blue	0.85 lb (0.39 kg)
Winter Hard-Cap Liner		
60015	Blue/Red	2.4 oz (68 g)

Full Face Shield

- Free-floating ratchet head gear with full-tension adjustment and sweat band for added comfort
- High-impact, full-front cap and chin guard for extra protection
- Anti-warp design resists dimensional distortion from heat and moisture
- Big window extends past ears, providing wide-angle protection
- Window is made of clear, tough acetate
- Meets ANSI Z87.1+ 2010 and CSA Z94.3-07 (R2014)
- Made in USA



60060

Cat. No.	Window Dimensions	Weight
60060	19-1/2" W x 6-1/2" H (495.3 mm x 165.1 mm)	1.5 lb (0.7 kg)

Advance® Cap

Available in two colors



- 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
- Made in USA



60027

Cat. No.	Shell Color	Weight
60025	White	0.84 lb (0.38 kg)
60027	Blue	0.84 lb (0.38 kg)

Glaregard™ is a trademark of, and Advance® is a registered trademark of Mine Safety Appliances Company.

Scope of Z89.1 - 2014 American National Standard for Head Protection

TYPE I (Top Impact) Helmets intended to reduce the force of an impact to the top of a wearer's head.
TYPE II (Top and Lateral Impact) Helmets intended to reduce the force of an impact resulting from a blow received off-center or to the top of a wearer's head.

Electrical Performance

CLASS E (Electrical) Helmets intended to reduce the danger of exposure to high-voltage electrical conductors, proof-tested at 20,000 volts.
CLASS G (General) Helmets intended to reduce the danger of exposure to low-voltage electrical conductors, proof-tested at 2,200 volts.
CLASS C (Conductive) Helmets not intended to provide protection from electrical conductors.

See page 297 for additional information on warnings.

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
45200	1" (25.4 mm)	3.2 oz (91 g)
45201	1-1/2" (38.1 mm)	4.0 oz (113 g)

⚠**WARNING:** Use only in accordance with OSHA requirements.

Barricade and Warning Tapes

- Bold, black lettering on bright, long-lasting color backgrounds
- Yellow background for CAUTION/CAUTION tape
- Red background for CAUTION - BURIED ELECTRIC LINE Tape
- Made of tough, durable (2.5 mil) polyethylene
- Highly resistant to acids, alkalis, and other soil components
- Tapes are 3" (76 mm) wide, and are available in either 200' (61 m) or 1000' (305 m) rolls
- Made in USA



58000

Cat. No.	Legend	Color	Overall Length	Overall Width	Weight
58000	CAUTION	Black on Bright Yellow	200 ft (61.0 m)	3" (76.2 mm)	0.90 lb (0.41 kg)
58001	CAUTION	Black on Bright Yellow	1000 ft (305 m)	3" (76.2 mm)	3.6 lb (1.6 kg)
58002	CAUTION-BURIED ELECTRIC LINE	Black on Bright Red	200 ft (61.0 m)	3" (76.2 mm)	0.80 lb (0.36 kg)
58003	CAUTION-BURIED ELECTRIC LINE	Black on Bright Red	1000 ft (305 m)	3" (76.2 mm)	3.5 lb (1.6 kg)

Cleaners

Klein Kleaners™ Hand Cleaning Towels

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



51425

Cat. No.	Towel Size	Package Quantity	Weight
51425	9" x 12" (228.6 mm x 304.8 mm)	72	2.5 lb (1.1 kg)

Gloves

JOURNEYMAN™

Wire Pulling Gloves

- Great gripping ability
- Slim fit for better dexterity
- Touchscreen capability on index finger
- Neoprene wrist closure for comfort

Cat. No.	Size	Weight
40232	Medium	3.2 oz (91 g)
40233	Large	3.7 oz (104 g)
40234	Extra Large	3.7 oz (104 g)



40233

High Dexterity Touchscreen Gloves

- Touchscreen capability on entire palm, all fingers, first knuckles
- Slim fit for extra dexterity
- Comfortable glove for light duty tasks

Cat. No.	Size	Weight
40229	Medium	1.6 oz (45 g)
40230	Large	1.6 oz (45 g)
40231	Extra Large	1.6 oz (45 g)



40230

Leather Utility Gloves

- Durable and comfortable
- Open cuff for quick on/off
- DuraHide™ palm and leather first fingers for durability
- Stretch back for extra comfort and flexibility

Cat. No.	Size	Weight
40226	Medium	1.6 oz (45 g)
40227	Large	1.6 oz (45 g)
40228	Extra Large	1.6 oz (45 g)

DuraHide™ is a trademark of Mechanix Wear, Inc.



40227

See page 297 for additional information on warnings.

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

JOURNEYMAN™

Gloves

Utility Gloves

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

Cat. No.	Size	Weight
40205	Medium	2.1 oz (59 g)
40206	Large	2.1 oz (59 g)
40207	Extra-Large	2.1 oz (59 g)

TrekDry™ is a trademark of Mechanix Wear, Inc.



40206

Camouflage Gloves

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

Cat. No.	Size	Weight
40208	Medium	2.7 oz (77 g)
40209	Large	2.7 oz (77 g)
40210	Extra-Large	2.7 oz (77 g)

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

Cat. No.	Size	Weight
40211	Medium	4.6 oz (132 g)
40212	Large	4.6 oz (132 g)
40213	Extra-Large	4.6 oz (132 g)

Thinsulate™ is trademark of 3M.



40212

See page 297 for additional information on warnings.

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

Gloves

JOURNEYMAN™

"Grip" Gloves

- Armortex® rubberized grip on the fingers with reinforced synthetic leather palms and thumb for ample grip in both wet and dry conditions
- D30® padding material in the palm to absorb impact and vibration
- Moisture wicking and breathable TrekDry™ stretch material on top with sponge foam and tricot lining for maximum comfort
- Machine washable
- Flexible yet impact absorbing thermo plastic rubber (TPR) protects the fingers and back of the hand
- Neoprene cuff and soft molded rubber closure with hook and loop secures fit

Cat. No.	Size	Weight
40214	Medium	4.6 oz (132 g)
40215	Large	4.6 oz (132 g)
40216	Extra-Large	4.6 oz (132 g)

Trek Dry™ is a trademark of Mechanix Wear, Inc.; D30® is a registered trademark of Design Blue Limited; Armortex® is a registered trademark of Nam Liong Enterprise Co. Ltd.



40215

"Extreme" Gloves

- Flexible yet impact absorbing thermo plastic rubber (TPR) and EVA foam protects the fingers, knuckles and back of the hand
- D30® padding material in the palm to absorb impact and vibration
- Palm and thumb reinforced with synthetic leather for extra durability
- Breathable two-way stretch materials on top with sponge foam and tricot lining for maximum comfort
- Rubberized fingertips for extra grip
- Wrist closure with hook and loop secures fit

Cat. No.	Size	Weight
40217	Medium	5.4 oz (154 g)
40218	Large	5.4 oz (154 g)
40219	Extra-Large	5.4 oz (154 g)

D30® is a registered trademark of Design Blue Limited.



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 TrekDry™ stretch material on top with sponge foam and tricot lining for maximum comfort
- Machine wash and dry
- Neoprene cuff and soft molded rubber closure with hook and loop secures fit

Cat. No.	Size	Weight
40220	Medium	4.8 oz (136 g)
40221	Large	4.8 oz (136 g)
40222	Extra-Large	4.8 oz (136 g)

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



40220

See page 297 for additional information on warnings.

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

Gloves

Cowhide Work Gloves

- Premium cowhide, soft and form-fitting for maximum comfort
- Gunn cut with seams away from wear surfaces
- Inseam index finger
- Shirred-elastic wrist back
- Natural light-tan color

Cat. No.	Size	Weight
40021	Medium	3.5 oz (100 g)
40022	Large	3.7 oz (104 g)
40023	Extra-Large	3.8 oz (109 g)
Lined – Pile Lining		
40016	Medium	5.8 oz (163 g)
40017	Large	6.1 oz (172 g)
40018	Extra-Large	6.6 oz (186 g)



40022

Cowhide Driver's Gloves

- Tough, durable, sueded cowhide leather
- Easy-action thumb - unique design allows leather to conform to your thumb and hand (Cat. Nos. 40003, 40004, 40006, 40007)
- Gunn cut with seams away from wear surfaces
- Lap-seam index finger and shirred-elastic wrist back
- Gray color

Cat. No.	Size	Weight
40003	Small	4.8 oz (136 g)
40004	Medium	6.4 oz (181 g)
40006	Large	6.9 oz (195 g)
40007	Extra Large	4.8 oz (136 g)
Thermolite® Lining		
40014	Large	7.5 oz (213 g)
40015	Extra-Large	8.2 oz (231 g)

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



40014

Medium and Long-Cuff Gloves

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

Cat. No.	Size	Weight
40008	Large	7.7 oz (218 g)
40010	Large	9.4 oz (268 g)
40012	Extra-Large	10.9 oz (308 g)



40008

See page 297 for additional information on warnings.

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

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
40080	Medium	7.4 oz (209 g)
40082	Large	8.2 oz (231 g)
40084	Extra-Large	8.8 oz (249 g)
40086	Extra Extra-Large	9.4 oz (268 g)



40080

Electrician's Gloves

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

Cat. No.	Size	Weight
40072	Large	7.4 oz (209 g)
40074	Extra-Large	7.7 oz (218 g)



40072

Heavyweight Jersey Gloves

- Soft, comfortable, general-purpose gloves
- Made of 100% cotton jersey
- Knit wrist
- Dark-brown color

Cat. No.	Size	Weight
40002	Fits Most Hand Sizes	2.4 oz (68 g)



40002

See page 297 for additional information on warnings.

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

Jobsite Accessories

We understand the heavy demands of the professional on the jobsite. Klein has developed accessories with the strength to match the jobsite demands and make the professional's day less stressful.



For Professionals...
Since 1857™



Coolers

TRADESMAN PRO™

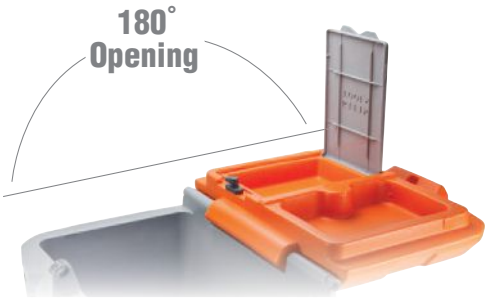
Tough Box Coolers

- Keeps cool up to 30 hours!
- Cat. No. 55600 main compartment has a 17 qt. (16.1 L), 18 can capacity; Cat. No. 55625 main compartment has a 9 qt. (8.5 L) or 11 can capacity
- Industrial exterior body design supports seating capacity of up to 300 lb (136 kg)
- No rust, stainless steel hinged lid stays open at 90° to allow uninterrupted access; 17 qt. cooler lid is recessed to accommodate 1 L water bottles
- Lid opens a full 180° to access interior compartment inside the lid to hold items like medicine, keys, napkins, utensils, etc.
- Shoulder strap holds lid in place while carrying and easily converts to a handle (Cat. No. 55600)
- Lock hasp fits #1 Master Lock® or equivalent (not included)
- Cat. No. 55600 Patent Pending Design

KEEPS COOL UP TO **30** HOURS

SUPPORTS UP TO **300** lbs





NEW Product



55600

55625

PTIA 2017 TOOL INNOVATION AWARDS FINALIST

	Cat. No.	Capacity	Number of Compartments	Overall Length	Overall Height	Overall Width	Weight
	55600	17 qt (16.1 L)	2	12" (305 mm)	12" (304.8 mm)	16.203" (412 mm)	6.8 lb (3.1 kg)
NEW	55625	9 qt (8.5 L)	2	14.7" (373.4 mm)	12" (304.8 mm)	8.8" (223.5 mm)	4.8 lb (2.2 kg)

Master Lock® is a trademark of Master Lock Company

TRADESMAN PRO™ Coolers

Soft Lunch Cooler

- Stays cool for up to 12 hours
- Double-thick, leak-resistant anti-microbial liner
- 1680d ballistic weave for durability
- Fully-molded bottom protects against the elements
- Separate upper "doghouse" compartment keeps certain items from getting crushed
- Mesh side pockets for extra items
- Front zipper pocket holds keys, napkins, medicine, etc.
- Shoulder strap and handle for easy carrying

KEEPS COOL UP TO 12 HOURS | DOUBLE-THICK LINER





55601

Cat. No.	Overall Length	Overall Height	Overall Width	Number of Compartments	Weight
55601	9.5" (241.3 mm)	13" (330.2 mm)	12" (304.8 mm)	4	3.4 lb (1.5 kg)

Entertainment

Wireless Jobsite Speaker

PTIA 2017 TOOL INNOVATION AWARDS FINALIST

- Connects wirelessly via Bluetooth® or a wired auxiliary input
- 32-7/8 ft. (10 m) connectivity range (in open space)
- 10-Hour battery life
- Drop protected up to 6-1/2 ft. (2 m)
- Powerful rear magnet holds speaker to metal surfaces (panels, ducts, etc.)
- Twist-lock flange mounts to Klein's Lighted Tool Bag (Cat. No. 55431)
- 1/4-20 threaded mount on bottom allows attachment to any standard tripod
- Rated IP45 waterproof/dustproof
- Able to answer calls hands-free with the built-in speakerphone
- Includes 1/8" (3.5 mm) stereo auxiliary cable and micro USB-to-standard USB charging cable



AEPJS1

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
AEPJS1	3.875" (98.4 mm)	3.5" (88.9 mm)	2.125" (54 mm)	10 oz (283 g)

Bluetooth® is a registered trademark of Bluetooth Special Interest Group.

Tool Accessories

Magnetic Wristband

- Strong rare earth magnets keep small parts close at hand
- Breathable mesh interior for comfort
- Made of durable 1680d ballistic material
- Fits most wrist sizes
- Securable adjustable hook and loop closure
- Contoured for a comfortable fit around the wrist
- Wrap around your wrist, belt, or tool bag and keep small parts easily within reach



55895

	Cat. No.	Overall Length	Overall Width	Weight
NEW	55895	13.25" (336.6 mm)	0.75" (19.1 mm)	4 oz (113.4 g)

Magnetizer / Demagnetizer

- Magnetizes and demagnetizes screwdriver tips and bits using powerful rare earth magnets
- Single swipe operation provides immediate magnetization/demagnetization
- Fits most screwdrivers including precision screwdrivers, 1/4 Slotted, #2 Phillips and #3 Phillips
- Attaches to tool bags or backpacks with the included stainless steel key ring
- US patent pending
- No batteries required
- Made in USA with global materials



MAG2



Cat. No.	Overall Length	Overall Height	Overall Width	Weight
MAG2	2.203" (56 mm)	0.703" (17.9 mm)	1.094" (27.8 mm)	1.1 oz (32 g)

Mobile Phone Holders

- Fits iPhone® and Samsung® and equivalent sized phones as listed
- XX-Large holder Cat. No. 55474 easily accommodates your phone inside its protective case
- Metal clip for attaching to belts up to 2" wide
- Magnetic flap closure
- Constructed of 1680d ballistic weave



55563



55474



55460

REALTREE Xtra

Realtree AP-XTRA Camouflage Design

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	Cat. No.	Size	Fits iPhone® or Equivalent Size	Fits Samsung® or Equivalent Size	Overall Length	Overall Width	Overall Height	Weight
	55460	Small	4, 5		1.5" (38.1 mm)	3" (73.8 mm)	5.75" (146.1 mm)	0.22 lb (0.10 kg)
	55461	Large	6, 7, 7s, 8, X	Galaxy® S3, S4, S7	1.5" (38.1 mm)	3.3" (83.7 mm)	6" (149.2 mm)	0.26 lb (0.12 kg)
	55468	X-Large	6 Plus, 7 Plus	Galaxy Note® Edge, Note® 7	1.5" (38.1 mm)	3.75" (95.3 mm)	6.75" (171.5 mm)	0.30 lb (0.14 kg)
NEW	55474	XX-Large	6 Plus, 7 Plus, 8 Plus	Galaxy® S7, S8, S8 Plus, S9, S9 Plus, Note® 7, Note® 8, Note® Edge	1.5" (38.1 mm)	3.86" (98.4 mm)	7.13" (182.9 mm)	0.37 lb (0.17 kg)
	55563	Large	6, 7, 7s, 8, X	Galaxy® S3, S4, S7	1.5" (38.1 mm)	3.3" (83.7 mm)	6" (152.4 mm)	0.26 lb (0.12 kg)
	55564	X-Large	6 Plus, 7 Plus	Galaxy Note® Edge, Note® 7	1.5" (38.1 mm)	3.75" (95.3 mm)	6.75" (171.5 mm)	0.30 lb (0.14 kg)

iPhone® is a registered trademark of Apple, Inc., Galaxy S® is a registered trademark of Samsung Electronics Co., Ltd.,
Realtree AP-XTRA Camouflage Design © 2012 of Jordan Outdoor Enterprises, Ltd., all rights reserved.

Tool Pouches, Carriers, Belts and Suspenders

Just as Klein offers a variety of tools designed for specific needs, Klein offers a variety of tool pouches, carriers, belts, and suspenders that suit virtually every preference and need.



For Professionals...
Since 1857™



Tool Pouches

Multi-Pocket Tool Pouches

- Stitched and riveted to assure long life
- Made in the USA with global components

11-Pocket



5167

10-Pocket



5165



5190

8-Pocket Extra Capacity



5162T

8-Pocket



5164



5164T



5178

7-Pocket



5166

Cat. No.	Number of Pockets	Special Features	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5167	11	Knife Snap, Chain Tape Thong, Metal Tape Measure Holder	Leather	Slotted	2.75" (69.9 mm)	10" (254.0 mm)	2.75" (69.9 mm)	10.5" (266.7 mm)	1.4 lb (0.7 kg)
5165	10	Knife Snap	Leather	Slotted	2" (50.8 mm)	10" (254.0 mm)	2" (50.8 mm)	10" (254.0 mm)	1.3 lb (0.6 kg)
5190	10	Leather Tape Thong	Leather	Slotted	1.75" (44.5 mm)	6" 152.4 mm)	1.75" (44.5 mm)	8.75" (222.3 mm)	0.75 lb (0.34 kg)
5164	8	Knife Snap	Leather	Slotted	2" (50.8 mm)	6.75" (171.5 mm)	2" (50.8 mm)	9.75" (247.7 mm)	1.2 lb (0.5 kg)
5164T	8	Knife Snap	Leather	Tunnel	2.5" (63.5 mm)	6.75" (171.5 mm)	2.5" (63.5 mm)	9.75" (247.7 mm)	1.2 lb (0.6 kg)
5178	8	Knife Snap, Chain Tape Thong, Metal Tape Measure Holder	Leather	Tunnel	2.5" (63.5 mm)	11" (279.4 mm)	2" (50.8 mm)	10" (254.0 mm)	1.0 lb (0.5 kg)
5162T	8	Knife Snap, Leather Tape Thong	Leather	Tunnel	3" (76.2 mm)	8.5" (215.9 mm)	3" (76.2 mm)	10.75" (273.1 mm)	1.7 lb (0.8 kg)
5166	7	Chain Tape Thong	Leather	Tunnel	2.25" (57.2 mm)	7" (177.8 mm	2.25" (57.2 mm)	9.5" (241.3 mm)	0.92 lb (0.42 kg)

Tool Pouches

Multi-Pocket Tool Pouches

- Stitched and riveted to assure long life
- Made in the USA with global components

6-Pocket


5127


5127T

5-Pocket


5126


5125


5125L

4-Pocket


5119

3-Pocket


5145

Cat. No.	Number of Pockets	Special Features	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5127	6	Knife Snap	Leather	Slotted	2" (50.8 mm)	7" (177.8 mm)	2" (50.8 mm)	10" (254.0 mm)	0.79 lb (0.36 kg)
5127T	6	Knife Snap	Leather	Tunnel	2.5" (63.5 mm)	7" (177.8 mm)	2.5" (63.5 mm)	10" (254.0 mm)	0.87 lb (0.39 kg)
5125	5	Leather Tape Thong	No. 4 Canvas with Leather Back	Loops	2.25" (57.2 mm)	7.5" (190.5 mm)	2.25" (57.2 mm)	8.5" (215.9 mm)	0.63 lb (0.29 kg)
5125L	5	Leather Tape Thong	Leather	Loops	2.25" (57.2 mm)	7.5" (190.5 mm)	2.25" (57.2 mm)	8.5" (215.9 mm)	0.75 lb (0.34 kg)
5126	5	Knife Snap	Leather	Slotted	2" (50.8 mm)	6" (152.4 mm)	2" (50.8 mm)	8.75" (222.3 mm)	0.74 lb (0.34 kg)
5119	4	Knife Snap	Leather	Slotted	2" (50.8 mm)	6.5" (165.1 mm)	2" (50.8 mm)	8.5" (215.9 mm)	0.39 lb (0.18 kg)
5145	3	1" Reinforced Gusset	Leather	Tunnel	1" (25.4 mm)	5.25" (133.4 mm)	1" (25.4 mm)	7" (177.8 mm)	0.46 lb (0.21 kg)

Lineman's Pouches

- Black leather construction with double leather back for durability
- Rivet hole for belt connection
- Riveted to assure long life
- Includes knife snap, pockets for pliers, most screwdrivers, 6' (1.8 m) folding rule and open-ended wrenches
- Made in the USA with global components


5118P5


5118P4

Cat. No.	Number of Pockets	Special Features	Material	Belt Connection	Overall Length	Overall Width	Overall Height	Weight
5118P4	4	Knife Snap	Leather	Rivet Hole	8" (203.1 mm)	3" (76.2 mm)	11" (279.4 mm)	0.90 lb (0.41 kg)
5118P5	5	Knife Snap	Leather	Rivet Hole	10" (254.0 mm)	3" (76.2 mm)	11" (279.4 mm)	1.1 lb (0.5 kg)

Tool Pouches

Nail/Screw and Tool Pouches

- Split-leather construction, riveted and stitched for extra durability
- Large pockets have rolled-over doubled edges for extra-long life
- Heavy hammer loops. Cat. No. 42241 has hammer loops on both sides, allowing for convenient use by right- or left-handed workers
- Made in the USA with global components



42241



42246



42245

Cat. No.	Number of Pockets	Special Features	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
42241	6	2 Hammer Loops	Leather	Tunnel	3" (76.2 mm)	11" (279.4 mm)	3" (76.2 mm)	11.75" (298.5 mm)	0.86 lb (0.39 kg)
42246	4	Left Hand Heavy Hammer Loop	Leather	Tunnel	Up to 3" (76.2 mm)	11.25" (285.8 mm)	2" (50.8 mm)	10.5" (266.7 mm)	0.72 lb (0.33 kg)
42245	4	Right Hand Heavy Hammer Loop	Leather	Tunnel	Up to 3" (76.2 mm)	11.25" (285.8 mm)	2" (50.8 mm)	10.5" (266.7 mm)	0.70 lb (0.32 kg)

Single-Pocket Tool Pouch

- 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
- Made in the USA with global components



5111

Cat. No.	Number of Pockets	Material	Overall Length	Overall Width	Overall Height	Weight
5111	1	Leather	4.5" (114.3 mm)	1" (24.5 mm)	7" (177.8 mm)	0.23 lb (0.10 kg)

Back Pocket Pouches

- Stitched and riveted to assure long life
- Snap loop option for belt
- Made in the USA with global components



5481



5482

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5481	6	Leather	Snap Loop	Up to 2" (50.8 mm)	5.75" (146.1 mm)	2.5" (63.5 mm)	10" (254.0 mm)	0.47 lb (0.21 kg)
5482	4	Cordura® Ballistic Nylon	Snap Loop	Up to 2" (50.8 mm)	9.875" (250.8 mm)	2" (50.8 mm)	5" (127.0 mm)	0.26 lb (0.12 kg)

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
- Made in the USA with global components

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
51A	1	No. 10 Canvas	Web Loop and Snap Hook	Up to 3" (76.2 mm)	9" (228.6 mm)	3.5" (88.9 mm)	10" (254.0 mm)	1.0 lb (0.5 kg)



51A

Leather Bolt Bag

- Split-leather construction
- Bolt bag with bull-pin loop on each side
- Made in the USA with global components

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
42247	1	Leather	Tunnel	Up to 3" (76.2 mm)	5" (127.0 mm)	8.5" (215.9 mm)	8.5" (215.9 mm)	0.75 lb (0.34 kg)


42247

All-Purpose Bag

- Soft, pliable cushion leather construction
- For carrying loose tools and small parts
- Adjustable belt strap for attaching to belts
- Made in the USA with global components

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5146	1	Leather	Belt Strap	Up to 3" (76.2 mm)	9" (228.6 mm)	3" (76.2 mm)	8" (203.2 mm)	0.60 lb (0.27 kg)


5146

Strap-Leather Bag

- Soft, pliable cushion-leather gussets allow expansion to 3-1/4" (83 mm)
- Ventilating eyelet in bottom
- Made in the USA with global components

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5140K	1	Leather	Latigo Thongs	Up to 3" (76.2 mm)	7" (177.8 mm)	3.25" (82.6 mm)	9" (228.6 mm)	0.65 lb (0.29 kg)



5140K



Tool Pouches

Water-Repellent Canvas Pouches

- One-piece tan 10 oz. water-repellent mildew resistant canvas
- Top edge reinforced with 1/4" (6 mm) rope
- Made in the USA with global components

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5179	1	10 oz Canvas	Loops	Up to 4.5" (114.3 mm)	7.5" (190.5 mm)	7" (177.8 mm)	3.5" (88.9 mm)	0.30 lb (0.14 kg)
5179S	1	10 oz Canvas	Snap	Up to 4.5" (114.3 mm)	7.5" (190.5 mm)	7" (177.8 mm)	3.5" (88.9 mm)	0.30 lb (0.14 kg)



5179



5179S

Canvas Utility Bags

- Includes interior pocket (Cat. Nos. 5141P and 5142P)
- Inside bottom is reinforced with cushion leather and ventilating eyelet
- Metal snaps provided on loops for easy attachment to belts up to 3" (76 mm) wide
- Top edge reinforced with 1/4" (6 mm) rope
- Made in the USA with global components

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5141P	2	No. 8 Canvas	Loops	Up to 3" (76.2 mm)	10" (254.0 mm)	5" (127.0 mm)	12" (304.8 mm)	0.88 lb (0.40 kg)
5142	1	No. 8 Canvas	Loops	Up to 3" (76.2 mm)	9" (228.6 mm)	8" (203.2 mm)	10" (254.0 mm)	0.60 lb (0.27 kg)
5142P	2	No. 8 Canvas	Loops	Up to 3" (76.2 mm)	9" (228.6 mm)	8" (203.2 mm)	10" (254.0 mm)	0.65 lb (0.29 kg)



5141P

Canvas Electrode Bags

- Made of tough No. 4 canvas
- Heat-resistant, hard leather bottom
- Cat. No. 5471FR is made of flame-resistant No. 4 canvas, features hard-leather bottom and meets the performance requirement of NFPA -701
- Tunnel loop for sliding over belt
- Made in the USA with global components

Cat. No.	Number of pockets	Material	Belt Connection	Belt Width	Diameter	Front Depth	Back Depth	Weight
5471	1	No. 4 Canvas	Tunnel	Up to 3" (76.2 mm)	2-1/2" (63.5 mm)	12" (304.8 mm)	15.5" (393.7 mm)	0.25 lb (0.11 kg)
5471FR	1	No. 4 Canvas	Tunnel	Up to 3" (76.2 mm)	2-1/2" (63.5 mm)	12" (304.8 mm)	15.5" (393.7 mm)	0.25 lb (0.11 kg)



5471



5471FR

Tool Pouches

Bull-Pin and Bolt Bags

- Made of flame-resistant No. 4 canvas and meets the performance requirement of NFPA - 701 (Cat. No. 5416TFR)
- Bolt bag with bull-pin loop on each side
- Two D-rings on the front of the pouch and four on the inside to offer plenty of space to connect tethers, and buckle at top for closing (Cat. No. 5416OCTO)
- Drain holes to release any water build-up (Cat. No. 5416TSR)
- Made in the USA with global components



5416



5416T



5416TBR



INTERIOR
Showing bolts prevented from falling out when pouch is upside down



5416TFR

NEW Product





BOTTOM
Showing rivet holes for drainage



5416TC



5416TCP



5416L



5416OCTO

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5416	3	No. 4 Canvas	Loops	Up to 3" (76.2 mm)	5" (127.0 mm)	10" (254.0 mm)	9" (228.6 mm)	0.85 lb (0.39 kg)
5416T	3	No. 4 Canvas	Tunnel	Up to 3" (76.2 mm)	5" (127.0 mm)	10" (254.0 mm)	9" (228.6 mm)	0.90 lb (0.41 kg)
5416TBR	1	No. 4 Canvas	Tunnel	Up to 3" (76.2 mm)	5" (127.0 mm)	10" (254.0 mm)	9" (228.6 mm)	0.99 lb (0.45 kg)
5416TFR	3	Flame-Resistant No. 4 Canvas	Tunnel	Up to 3" (76.2 mm)	5" (127.0 mm)	10" (254.0 mm)	9" (228.6 mm)	0.90 lb (0.41 kg)
NEW 5416TSR	1	No. 4 Canvas	Tunnel	Up to 3" (76.2 mm)	5" (127.0 mm)	9" (228.6 mm)	10" (254.0 mm)	0.9 lb (0.4 kg)
5416TC	2	No. 4 Canvas	Tunnel	Up to 3" (76.2 mm)	5" (127.0 mm)	10" (254.0 mm)	9" (228.6 mm)	0.87 lb (0.39 kg)
5416TCP	3	No. 4 Canvas	Tunnel	Up to 3" (76.2 mm)	5" (127.0 mm)	12" (304.8 mm)	9" (228.6 mm)	1.0 lb (0.5 kg)
5416L	1	Leather	Tunnel	Up to 3" (76.2 mm)	5" (127.0 mm)	10" (254.0 mm)	9" (228.6 mm)	1.1 lb (0.5 kg)
5416OCTO	3	No. 4 Canvas	Loop	Up to 3" (76.2 mm)	5" (127.0 mm)	5" (127.0 mm)	9" (228.6 mm)	0.75 lb (0.34 kg)

Tool Combination Aprons

One-Piece Nail/Screw and Tool Pouch Apron



42242

- Split-leather construction
- Versatile, roomy double-pouch apron for construction workers, carpenters, and other professionals
- Riveted and stitched for extra durability
- Four slots for punches or nail sets
- Two heavy-duty hammer loops
- Double-pouch design allows unrestricted leg movement
- Apron is reinforced throughout with rivets
- The large pockets and nail/bolt pockets have rolled-over, doubled edges for long wear
- Heavy-duty 2" (51 mm) wide polypropylene web belt has rugged adjustable metal buckle
- Made in the USA with global components

Cat. No.	Number of Pockets	Size	Belt Width	Overall Length	Overall Height	Overall Width	Weight
42242	10	One Size	2.25" (57.2 mm)	54" (1371.6 mm)	9.5" (241.3 mm)	5.5" (139.7 mm)	1.8 lb (0.8 kg)

Nail/Screw and Tool Pouch Combinations

- Split-leather construction
- Large pockets have rolled-over doubled edges for extra-long life
- All pouches slide along belt for convenient working position
- Left- and right-hand nail-and-tool pouches with tunnel loop connection
- Heavy-duty 2" (51 mm) wide polypropylene web belt has rugged metal buckle and is adjustable from 32" (812.8 mm) to 48" (1219.2 mm)
- Tape-rule holder for 20' (6 m) and 25' (7.5 m) tape measures with belt clips
- Heavy hammer loops
- Made in the USA with global components

Cat. No.	Kit Contains	Weight
42244	Nail/Screw and Tool-Pouch Combination	2.0 lb (0.9 kg)

Cat. No.	Description
42245	Right-Hand Nail and Tool Pouch
42246	Left-Hand Nail and Tool Pouch
5225	Adjustable PolyWeb Tool Belt
5195	Tape Measure Holder, Leather, Medium



42244

Electrician's Tool Apron



42200

- Made of heavy-duty canvas
- Deep pockets to fit your tools
- Loops for extra tool storage
- Tape measure holder
- Special pockets for writing utensils
- Riveted to assure long life
- Made in the USA with global components

Cat. No.	Size	Belt Width	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
42200	M/L	1.5" (38.1 mm)	6	52" (132.1 mm)	7.75" (196.9 mm)	4" (101.6 mm)	0.86 lb (0.39 kg)
42201	XL/2XL	1.5" (38.1 mm)	6	55.5" (1409.7 mm)	11.5" (292.1 mm)	5" (127.0 mm)	0.93 lb (0.42 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective belt.

⚠**WARNING:** NOT for fall arrest or back support.

Tool Holders

Tool Holders

- Black leather construction
- Riveted to assure long life
- Made in the USA with global components


5118C
with Knife Snap


5118PRS


S5118PRS
with Knife Snap


5118R


5118RT


5118S


5107-6


5107-9


5112


5100M


5101


5187


5187T


5188


5188T


5163


5185


5129

Cat. No.	For Use With	Number of Pockets	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5118C	7" to 9" Side-cutting Pliers, Most Screwdrivers, 6' Folding Rules and Open-ended Wrenches from 9/16" to 13/16"	4	Slotted	Up to 2" (50.8 mm)	6.5" (165.1 mm)	2" (50.8 mm)	11" (279.4 mm)	0.78 lb (0.35 kg)
5118PRS	7" to 9" Side-cutting Pliers, Most Screwdrivers and 6' Folding Rules	3	Slotted	Up to 2" (50.8 mm)	6.75" (171.5 mm)	2" (50.8 mm)	10" (254.0 mm)	0.49 lb (0.22 kg)
S5118PRS	7" to 9" Side-cutting Pliers, Most Screwdrivers and 6' Folding Rules	3	Slotted	Up to 2" (50.8 mm)	6.75" (171.5 mm)	2" (50.8 mm)	10" (254.0 mm)	0.56 lb (0.25 kg)
5118R	7" to 9" Side-cutting Pliers and 6' Folding Rules	2	Slotted	Up to 2" (50.8 mm)	4.75" (120.7 mm)	2" (50.8 mm)	8" (203.2 mm)	0.43 lb (0.20 kg)
5118RT	7" to 9" Side-Cutting Pliers and 6' Folding Rules	2	Tunnel	Up to 3.75" (95.3 mm)	4.5" (114.3 mm)	2" (50.8 mm)	12.5" (317.5 mm)	0.50 lb (0.23 kg)
5118S	7" to 9" Side-cutting Pliers and Most Screwdrivers	2	Slotted	Up to 2" (50.8 mm)	4.25" (108 mm)	2" (50.8 mm)	10.75" (273.1 mm)	0.35 lb (0.16 kg)
5107-6	6" or 7" Long-nose or Diagonal-cutting Pliers	1	Slotted	Up to 2" (50.8 mm)	3.5" (88.9 mm)	1.125" (28.6 mm)	8.5" (215.9 mm)	0.17 lb (0.08 kg)
5107-9	8" or 9" Long-nose or Diagonal-cutting Pliers	1	Slotted	Up to 2" (50.8 mm)	3.75" (95.3 mm)	1.125" (28.6 mm)	11" (279.4 mm)	0.26 lb (0.12 kg)
5112	7" to 9" Side-cutting Pliers	1	Slotted	Up to 2" (50.8 mm)	3.25" (82.6 mm)	1" (24.5 mm)	11" (279.4 mm)	0.21 lb (0.10 kg)
5100M	Klein Scissor Snips or Shears	1	Tunnel	Up to 2" (50.8 mm)	2" (50.8 mm)	1" (24.5 mm)	8" (203.2 mm)	0.15 lb (0.07 kg)
5101	Klein Electrician's Scissors	1	Tunnel	Up to 1.5" (38.1 mm)	2" (50.8 mm)	1" (24.5 mm)	7" (177.8 mm)	0.11 lb (0.05 kg)
5187	Klein Electrician's Scissors and Cable-splicer's Knife	2	Slotted	Up to 2.25" (57.2 mm)	2" (50.8 mm)	1.25" (31.8 mm)	7.25" (184.2 mm)	0.11 lb (0.05 kg)
5187T	Klein Electrician's Scissors and Cable-splicer's Knife	2	Tunnel	Up to 2.25" (57.2 mm)	2" (50.8 mm)	1" (25.4 mm)	7.25" (184.2 mm)	0.13 lb (0.06 kg)
5188	Klein Cable-splicer's Knife	1	Slotted	Up to 2.25" (57.2 mm)	2.125" (54 mm)	1" (25.4 mm)	7.75" (196.9 mm)	1.3 oz (37 g)
5188T	Klein Cable-splicer's Knife	1	Tunnel	Up to 2.25" (57.2 mm)	2.125" (54 mm)	1" (25.4 mm)	7.25" (184.2 mm)	0.11 lb (0.05 kg)
5163	Klein Skinning Knives	1	Slotted	Up to 2" (50.8 mm)	3.5" (88.9 mm)	1" (25.4 mm)	9.375" (238.1 mm)	0.21 lb (0.10 kg)
5185	Klein Utility Knives	1	Slotted	Up to 2.5" (63.5 mm)	2.625" (66.7 mm)	0.75" (19.1 mm)	8.25" (209.6 mm)	0.11 lb (0.05 kg)
5129	Standard Two-cell Flashlight	1	Slotted	Up to 2.25" (57.2 mm)	3" (76.2 mm)	2.25" (57.2 mm)	9.5" (241.3 mm)	0.22 lb (0.10 kg)



Tool Holders

Tape Measure Holders

- Leather construction
- Cut-out sides for easy access to tape
- Slotted for attaching to belts up to 2-1/2" (63 mm) wide
- Riveted to assure long life
- Made in the USA with global components





5195

Klein Tape Measure Sizing Guide

Tape Measure	Holder Cat. No.	Description
86216, 86315	5195	Medium Leather Pouch
86125, 86225, 86375	5196	Large Leather Pouch
86230	5196	Large Leather Pouch

Cat. No.	Description	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5194	Small Tape Measure Holder	Slotted	Up to 2.5" (63.5 mm)	4" (101.6 mm)	2" (50.8 mm)	6" (152.4 mm)	0.16 lb (0.07 kg)
5195	Tape Measure Holder, Leather, Medium	Slotted	Up to 2.5" (63.5 mm)	4.5" (114.3 mm)	3" (76.2 mm)	7" (177.8 mm)	0.18 lb (0.08 kg)
5196	Leather Tape Measure Holder, Large	Slotted	Up to 2.5" (63.5 mm)	5" (127.0 mm)	2" (50.8 mm)	7" (177.8 mm)	0.21 lb (0.10 kg)

Hammer Holders

- Black leather construction
- Heavy-metal hammer loop riveted to panel
- Riveted and stitched to assure long life
- Holds most Klein hammers except lineman's and mining/specialty hammers
- Made in the USA with global components



5456



5456T



5456TS

Cat. No.	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5456	Leather	Slotted	Up to 2.5" (63.5 mm)	4.313" (109.6 mm)	2.5" (63.5 mm)	7.875" (200 mm)	0.33 lb (0.15 kg)
5456T	Leather	Tunnel	Up to 4" (101.6 mm)	4.313" (109.6 mm)	3" (76.2 mm)	10" (254.0 mm)	0.42 lb (0.19 kg)
5456TS	Leather	Tunnel	Up to 4" (101.6 mm)	4.313" (109.6 mm)	3" (76.2 mm)	10" (254.0 mm)	0.42 lb (0.19 kg)

Bull-Pin Holders

- Riveted to assure long life
- Holds all standard bull pins
- Made in the USA with global components



5417



5417T

Cat. No.	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5417	Leather	Slotted	Up to 2" (50.8 mm)	3.25" (82.6 mm)	2" (50.8 mm)	11" (279.4 mm)	0.22 lb (0.10 kg)
5417T	Leather	Tunnel	Up to 3.5" (88.9 mm)	3.25" (82.6 mm)	3" (76.2 mm)	12.25" (311.2 mm)	0.32 lb (0.15 kg)

Erection Wrench Holders

- Has tool slots for two erection wrenches
- Cat. No. 5461T has cotton web tunnel loop
- Tunnel loop on Cat. No. 5459T and 5461T is riveted to assure long life
- Holds erection wrenches and adjustable head construction wrench Cat. No. 3239
- Made in the USA with global components



5459T

5460



5461T

Cat. No.	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5459T	Leather	Tunnel	Up to 3.5" (88.9 mm) or to Slide Over D-Rings, Buckles, and Other Accessories	6" (152.4 mm)	1.5" (38.1 mm)	9.5" (241.3 mm)	0.32 lb (0.15 kg)
5460	Leather	Slotted	Up to 2" (50.8 mm)	6" (152.4 mm)	2" (50.8 mm)	8.5" (215.9 mm)	0.19 lb (0.09 kg)
5461T	Leather	Cotton Web Tunnel	Up to 2" (50.8 mm)	6" (152.4 mm)	1" (25.4 mm)	10" (254.0 mm)	0.26 lb (0.12 kg)

Tool Holders

Tie-Wire Reel Pad

- Worn on the belt under the Klein® tie-wire reel (Cat. No. 27400)
- Made of 3/16" (5 mm) thick rigging leather
- Underside has a sponge-rubber pad to minimize hip fatigue
- Made in the USA with global components



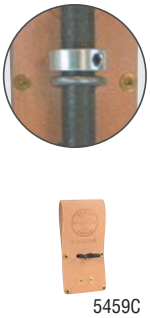
27450

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
27450	Slotted	Up to 2" (50.8 mm)	7" (177.8 mm)	7" (177.8 mm)	0.75" (19.1 mm)	0.30 lb (0.14 kg)

Tie-wire reel and ironworker's heavy-duty tie-wire belts also available.

Connecting Bar Holder with Lock Collar

- Fits Klein® 7/8" (22 mm) connecting bars (Cat. Nos. 3246 and 3248)
- Leather construction
- Tunnel loop allows for weight distribution on belt
- Fits belts up to 3-1/2" (89 mm) wide
- Replacement lock collar (Cat. No. 5459C) available
- Made in the USA with global components



5459C 5459SLVR

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5459SLVR	Tunnel	Up to 3.5" (88.9 mm)	3" (76.2 mm)	2" (50.8 mm)	6.75" (171.5 mm)	0.40 lb (0.18 kg)

⚠**WARNING:** Lock collar should ONLY be used on Klein 7/8" connecting bars
Lock collar must be installed on connecting bar before using holder.

Tape Thong

- Leather strap with fiber bar
- Fits all standard electrical tape rolls
- Made in the USA with global components


5130

Cat. No.	Belt Connection	Overall Length	Overall Width	Overall Height	Weight
5130	Slotted	12" (304.8 mm)	4" (101.6 mm)	1" (25.4 mm)	0.48 oz (13.6 g)

Snap Loop

- Black leather construction
- Designed for tools with hang holes
- Loop with snap hook for carrying an adjustable wrench, welder's igniter or other tool with hang hole
- Riveted to assure long life
- Made in the USA with global components


5458

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5458	Slides On	Up to 4" (101.6 mm)	1.5" (38.1 mm)	0.5" (12.7 mm)	8.5" (215.9 mm)	0.15 lb (0.07 kg)

Tool Guards

Axe Guard

- Protect both tool and user with a Klein guard for your edged tools
- Made of 1/16" (1.6 mm) vulcanized hard fiber, securely riveted and equipped with adjustable web straps to hold the tool
- Made in the USA with global components


5509

Cat. No.	For Use With	Weight
5509	Edged Tools	0.22 lb (0.10 kg)

Splitting-Knife Guards

- Leather construction
- Made in the USA with global components



5574L

Cat. No.	For Use With	Weight
5574L	Klein Knife, Cat. No. 1515-1	0.13 lb (0.06 kg)
5574S	Klein Knife, Cat. No. 1515-S	0.80 oz (22.7 g)



Tool Pouches and Carriers

TRADESMAN PRO™

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
- Handles for easy carrying
- Loop tape measure holder
- Padded belt with mesh interior is breathable and comfortable
- Rugged leather belt ends
- Attachments for Tradesman Pro™ padded suspenders (Cat. No. 55400)

Cat. No.	Description	Waist Size	Overall Width	Weight
55427	Tradesman Pro™ Electrician's Tool Belt, Medium	31" to 34" (787.4 to 863.6 mm)	46" (1168.4 mm)	4.2 lb (1.9 kg)
55428	Tradesman Pro™ Electrician's Tool Belt, Large	35" to 39" (889.0 to 990.6 mm)	50.5" (1282.7 mm)	4.2 lb (1.9 kg)
55429	Tradesman Pro™ Electrician's Tool Belt, XL	40" to 44" (101.6 to 111.8 cm)	55.5" (1409.7 mm)	4.3 lb (2.0 kg)

⚠**WARNING:** This is NOT an occupational protective belt. NOT for fall arrest or back support.

15-Pocket Tool Pouch

- Heavy duty reinforced bottom
- Features multiple pockets of various sizes, plus a tape thong
- Great for carrying a mix of tools and job site consumables
- Includes a padded shoulder strap for easy carrying to use without a belt





5243

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5243	15	1680d Ballistic Weave	Tunnel	Up to 2" (50.8 mm)	11.5" (292.1 mm)	10" (254.0 mm)	11.5" 292.1 mm)	1.8 lb (0.8 kg)

9-Pocket Tool Pouch

- Heavy duty reinforced bottom
- Deep center pocket and closed front pocket to carry small parts
- Includes an array of other pockets for various tools, plus a tape thong
- Convenient handle for "pick up and go" mobility; shoulder strap for hands free carry





5242

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5242	9	1680d Ballistic Weave	Tunnel	Up to 2" (50.8 mm)	9.5" (241.3 mm)	7.5" (190.5 mm)	9.5" (241.3 mm)	1.2 lb (0.5 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective belt.

⚠**WARNING:** NOT for fall arrest or back support.

TRADESMAN PRO™

Tool Pouches and Carriers

6-Pocket Tool Pouch

- Heavy duty reinforced bottom
- Features one deep center pocket, five outside pockets, plus tape thong
- Carry a variety of screwdrivers and other tools





5241

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5241	6	1680d Ballistic Weave	Tunnel	Up to 2" (50.8 mm)	10.25" (260.4 mm)	6.75" (171.5 mm)	10.25" (260.4 mm)	0.81 lb (0.37 kg)

Maintenance Pouch

- Just enough pockets for your essential tools
- Includes a tape thong
- Easy grab and go styling keeps your basic tools right at hand





5240

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5240	9	1680d Ballistic Weave	Tunnel	Up to 2" (50.8 mm)	10.25" (260.4 mm)	5.5" (139.7 mm)	10.25" (260.4 mm)	0.39 lb (0.18 kg)

Drill Pouch

- Fits most impact and battery drills
- Strap closure keeps drill in place
- Pockets for a variety of drill bits





5183

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5183	8	1680d Ballistic Weave	Tunnel	Up to 2" (50.8 mm)	7.25" (184.2 mm)	3" (76.2 mm)	12.25" (311.2 mm)	0.47 lb (0.21 kg)

4-Pocket Tool Apron

- Heavy duty reinforced bottom so tools won't poke through
- Two large open pockets for parts
- Two pockets for assorted tools
- Includes pencil/marker pockets and a tape thong
- Adjustable belt fits waist sizes 32" (812.8 mm) to 53" (1346.2 mm)



5244

⚠**WARNING:** The tool belt is not an occupational protective belt.

Cat. No.	Number of Pockets	Size	Belt Width	Overall Length	Overall Height	Overall Width	Weight
5244	6	Adjustable	1.875" (47.6 mm)	0.5" (12.7 mm)	10.5" (266.7 mm)	19" (482.6 mm)	1.4 lb (0.7 kg)



Holders, Belts & Suspenders

TRADESMAN PRO™

Padded Tool Belt

- 2 inch wide belt features padded liner with breathable mesh interior
- Thick, rugged leather belt ends
- Side handles for ease of lifting
- Includes metal connection points to attach suspenders for extra support



5247

Cat. No.	Waist Size	Belt Width	Overall Length	Overall Width	Weight
5245	31" to 34" (787.4 to 863.6 mm)	2" (50.8 mm)	44.5" (113 cm)	5" (127.0 mm)	1.0 lb (0.5 kg)
5246	35" to 39" (889.0 to 990.6 mm)	2" (50.8 mm)	49" (124.5 cm)	5" (127.0 mm)	1.3 lb (0.6 kg)
5247	40" to 44" (101.6 to 111.8 cm)	2" (50.8 mm)	54" (137.2 cm)	5" (127.0 mm)	1.0 lb (0.5 kg)

Knife Holder

- Holds up to a 4-1/2" (114.3 mm) knife
- Metal clip attaches securely to belt or pocket
- Magnetic closure keeps top flap firmly in place



5248

Cat. No.	Material	Overall Length	Overall Width	Overall Height	Weight
5248	1680d Ballistic Weave	5.25" (133.4 mm)	2.5" (63.5 mm)	5.25" (133.4 mm)	0.19 lb (0.09 kg)

Padded Suspenders

- Tear resistant
- Fully adjustable
- Durable nylon web straps for long wear
- Heavy duty padding for comfort
- Easy snap hook fastening system

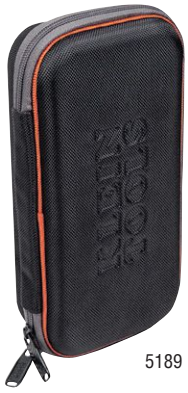


55400

Cat. No.	Color	Size	Strap Width	Weight
55400	Black	One Size Fits Most	1.5" (38.1 mm)	0.84 lb (0.38 kg)

Hard Cases

- Hard shell protects tools, meters, small parts and tech devices
- Soft interior lining
- Durable zipper closure



5189



5184

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
5184	1	8.75" (222.3 mm)	2.25" (57.2 mm)	6.5" (165.1 mm)	0.63 lb (0.29 kg)
5189	1	10.25" (260.4 mm)	2.25" (57.2 mm)	5.5" (139.7 mm)	0.63 lb (0.29 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective belt.

⚠**WARNING:** NOT for fall arrest or back support.

TRADESMAN PRO™ Holders, Belts & Suspenders

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
- Made in the USA with global components


69406


69407


69408

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
69406	1	9.25" (235 mm)	2.25" (57.2 mm)	4.5" (114.3 mm)	0.38 lb (0.17 kg)
69407	2	10.25" (260.4 mm)	2.25" (57.2 mm)	6" (152.4 mm)	0.53 lb (0.24 kg)
69408	2	10.25" (260.4 mm)	2.25" (57.2 mm)	7" (177.8 mm)	0.66 lb (0.30 kg)

Mobile Phone Holders

- Fits iPhone® and Samsung® and equivalent sized phones as listed
- XX-Large holder Cat. No. 55474 easily accommodates your phone inside its protective case
- Metal clip for attaching to belts up to 2" wide
- Magnetic flap closure
- Constructed of 1680d ballistic weave


55563

NEW Product


55474


55460

REALTREE Xtra

Realtree AP-XTRA Camouflage Design
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Cat. No.	Size	Fits iPhone® or Equivalent Size	Fits Samsung® or Equivalent Size	Overall Length	Overall Width	Overall Height	Weight
55460	Small	4, 5		1.5" (38.1 mm)	2.906" (73.8 mm)	5.75" (146.1 mm)	0.22 lb (0.10 kg)
55461	Large	6, 7, 7S, 8, X	Galaxy S3, S4, S7	1.5" (38.1 mm)	3.297" (83.7 mm)	6" (149.2 mm)	0.32 lb (0.15 kg)
55468	X-Large	6 Plus, 7 Plus	Galaxy Note® Edge, Note® 7	1.5" (38.1 mm)	3.75" (95.3 mm)	6.75" (171.5 mm)	0.42 lb (0.19 kg)
NEW 55474	XX-Large	6 Plus, 7 Plus, 8 Plus	Galaxy® S7, S8, S8 Plus, S9, S9 Plus, Note® 7, Note® 8, Note® Edge	1.5" (38.1 mm)	3.86" (98.4 mm)	7.13" (182.9 mm)	
55563	Large	6, 7, 7s, 8, X	Galaxy® S3, S4, S7	1.5" (38.1 mm)	3.297" (83.7 mm)	6" (152.4 mm)	0.26 lb (0.12 kg)
55564	X-Large	6 Plus, 7 Plus	Galaxy Note® Edge, Note® 7	1.5" (38.1 mm)	3.75" (95.3 mm)	6.75" (171.5 mm)	0.26 lb (0.12 kg)

iPhone® is a registered trademark of Apple, Inc., Galaxy S® is a registered trademark of Samsung Electronics Co., Ltd.,
Realtree AP-XTRA Camouflage Design © 2012 of Jordan Outdoor Enterprises, Ltd., all rights reserved.



PowerLine™ Series



Constructed of double layered 1000 denier washable Cordura® fabric

Double nylon-stitched and rivet reinforced for extra durability

Lightweight and comfortable in warm climates, soft and pliable in cold climates

Oversized pockets and reinforced bottom for extra carrying capacity, as well as durability

Exceptional resistance to abrasion, punctures, and tearing

No break-in period; naturally forms and hugs the body, making it easy to wear for everyday use

Heavy-duty, nylon webbing

Washable

MADE IN USA GLOBAL COMPONENTS

Cordura® is a registered trademark of INVISTA for durable fabrics

Tool Pouches


5700


5701


5702


5703


5718


5719

Cat. No.	Number of Pockets	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5700	9	Tunnel	2.5" (63.5 mm)	11" (279.4 mm)	3" (76.2 mm)	12" (304.8 mm)	0.92 lb (0.42 kg)
5701	8	Tunnel	2.5" (63.5 mm)	11" (279.4 mm)	6" (152.4 mm)	12" (304.8 mm)	0.83 lb (0.38 kg)
5702	2	Tunnel	2.5" (63.5 mm)	11" (279.4 mm)	2" (50.8 mm)	12" (304.8 mm)	0.64 lb (0.29 kg)
5703	3	Tunnel	2.5" (63.5 mm)	11" (279.4 mm)	2" (50.8 mm)	12" (304.8 mm)	0.75 lb (0.34 kg)
5718	8	Tunnel	2.5" (63.5 mm)	11" (279.4 mm)	2.25" (57.2 mm)	12" (304.8 mm)	0.74 lb (0.34 kg)
5719	18	Tunnel	2.5" (63.5 mm)	11" (279.4 mm)	3.75" (95.3 mm)	12" (304.8 mm)	0.87 lb (0.39 kg)

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

PowerLine™ Series

Pouches, Holders, & Suspenders

Tape Measure Pouch

Includes core PowerLine™ features plus:

- Holds most 35-foot (11 m) tape measures, fasteners, nails, or wire nuts
- Two inside elastic loops fit screwdrivers, pencils, markers, etc.
- Made in the USA with global components



5712

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5712	Tunnel	Up to 2.25" (57.2 mm)	8.25" (209.6 mm)	2.25" (57.2 mm)	4.5" (114.3 mm)	0.24 lb (0.11 kg)

Closeable Pouch

Includes core PowerLine™ features plus:

- Closeable pouch helps protect supplies and tools
- Made in the USA with global components



5714

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5714	Tunnel	Up to 2.25" (57.2 mm)	7.5" (190.5 mm)	2.25" (57.2 mm)	6.75" (171.5 mm)	0.24 lb (0.11 kg)

Multi-Purpose Holder

Includes core PowerLine™ features plus:

- Holds a flashlight, cellular phone, or electrical tester
- Made in the USA with global components



5708

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5708	Tunnel	Up to 2.25" (57.2 mm)	3.25" (82.6 mm)	1" (25.4 mm)	8.5" (215.9 mm)	0.13 lb (0.06 kg)

Flashlight Holder

Includes core PowerLine™ features plus:

- Accommodates most “D” cell size battery flashlights up to 1-7/8" (48 mm) in diameter
- Heavy-duty, 1-1/2" (38 mm) wide nylon webbing for extra strength
- Riveted to assure long life
- Made in the USA with global components



5713

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5713	Tunnel	Up to 2.25" (57.2 mm)	4.25" (108 mm)	2.25" (57.2 mm)	2.375" (60.3 mm)	1.0 oz (28 g)

Tape Measure Holder

Includes core PowerLine™ features plus:

- Holds most tape measures with belt clips
- Stainless steel clip holder accepts most tape clips up to 1-3/4" (44 mm) wide
- Made in the USA with global components



5707

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5707	Tunnel	Up to 2.25" (57.2 mm)	4.125" (104.8 mm)	2.25" 57.2 mm)	3.75" (95.3 mm)	0.10 lb (0.05 kg)

Hammer Holder

Includes core PowerLine™ features plus:

- Heavy-metal hammer loop riveted for additional strength
- Made in the USA with global components



5706

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5706	Tunnel	Up to 2.25" (57.2 mm)	4.125" (104.8 mm)	2.25" (57.2 mm)	3.75" (95.3 mm)	0.19 lb (0.09 kg)

Utility Knife Holder

Includes core PowerLine™ features plus:

- Holds standard utility knife or other small tools
- Made in the USA with global components



5716

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5716	Tunnel	Up to 2.25" (57.2 mm)	7.75" (196.9 mm)	1" (25.4 mm)	2.5" (63.5 mm)	0.15 lb (0.07 kg)

Padded Suspenders

Includes core PowerLine™ features plus:

- Fully adjustable length - front and back
- Heavy-duty, 1-1/2" (38 mm) wide nylon web strap for extra strength and long wear
- Convenient fastening system features genuine VELCRO® brand touch fasteners
- Heavy-duty padding for user comfort
- Made in the USA with global components



5717

Cat. No.	Size	Strap Width	Weight
5717	One Size Fits Most	1.5" (38.1 mm)	0.84 lb (0.38 kg)

Velcro® is a registered trademark of Velcro Industries B.V.

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective belt.

⚠**WARNING:** NOT for fall arrest or back support.



Belts & Combo Sets

PowerLine™ Series

Adjustable Web Work Belt



5705

Includes core PowerLine™ features plus:

- Heavy-duty, 2" (51 mm) wide nylon webbing for extra strength
- Accommodates tunnel loop and slotted tool pouches and holders
- Rugged metal buckle for quick release and adjustment
- Made in the USA with global components

Cat. No.	Waist Size	Overall Width	Weight
5705	One Size Fits up to 54" (137.2 cm) Waist	2" (50.8 mm)	0.56 lb (0.25 kg)

Padded Tool Belts



5704L

Includes core PowerLine™ features plus:

- 5" (17 mm) cushioned pad for stability and comfort
- Tapered front for comfort while bending
- Heavy-duty 2" (51 mm) wide nylon web belt with rugged metal buckle
- Made in the USA with global components

Cat. No.	Waist Size	Overall Width	Weight
5704M	32" to 36" (812.8 to 914.4 mm)	2" (50.8 mm)	0.95 lb (0.43 kg)
5704L	36" to 40" (91.4 to 101.6 cm)	2" (50.8 mm)	1.0 lb (0.5 kg)
5704XL	40" to 44" (101.6 to 111.8 cm)	2" (50.8 mm)	1.1 lb (0.5 kg)

4-Piece Combo Sets

Includes core PowerLine™ features plus:

- 8-Pocket Tool Pouch (Cat. No. 5701)
- 3-Pocket Utility Pouch (Cat. No. 5703)
- Hammer Holder (Cat. No. 5706)
- Sized Padded Tool Belt (Cat. No. 5704M, 5704L or 5704XL)
- Made in the USA with global components



5709L

Cat. No.	Belt Width	Waist Size	Weight
5709M	2" (50.8 mm)	32" to 36" (812.8 to 914.4 mm)	2.7 lb (1.2 kg)
5709L	2" (50.8 mm)	36" to 40" (91.4 to 101.6 cm)	2.8 lb (1.3 kg)
5709XL	2" (50.8 mm)	40" to 44" (101.6 to 111.8 cm)	2.8 lb (1.3 kg)

4-Piece Electrician's Combo Sets

Includes core PowerLine™ features plus:

- 8-Pocket Tool Pouch (Cat. No. 5718)
- 19-Pocket Tool Pouch (Cat. No. 5719)
- Hammer Holder (Cat. No. 5706)
- Sized Padded Tool Belt (Cat. No. 5704M, 5704L or 5704XL)
- Made in the USA with global components



5710M

Cat. No.	Belt Width	Waist Size	Weight
5710M	2" (50.8 mm)	32" to 36" (812.8 to 914.4 mm)	2.8 lb (1.3 kg)
5710L	2" (50.8 mm)	36" to 40" (91.4 to 101.6 cm)	2.8 lb (1.3 kg)
5710XL	2" (50.8 mm)	40" to 44" (101.6 to 111.8 cm)	3.1 lb (1.4 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective belt.

⚠**WARNING:** NOT for fall arrest or back support.

Tool Belts

Tool Belts

- Strong, black leather construction
- Designed to carry lightweight tool pouches (Cat. No. 5201)
- Removable single-tongue buckle held by two heavy-duty snaps (Cat. No. 5202 Series)
- Made in the USA with global components

Cat. No.	Waist Size	Overall Width	Weight
5201	33" to 45" (83.8 to 114.3 cm)	1" (25.4 mm)	0.30 lb (0.14 kg)
5202M	32" to 40" (81.3 to 101.6 cm)	1.5" (38.1 mm)	0.40 lb (0.18 kg)
5202L	38" to 46" (96.5 to 116.8 cm)	1.5" (38.1 mm)	0.45 lb (0.20 kg)
5202XL	46" to 54" (116.8 to 137.2 cm)	1.5" (38.1 mm)	0.50 lb (0.23 kg)



5202L

Lightweight Utility Belt

- Strong, lightweight blue polypropylene web
- Quickly adjusts for waist sizes through 56" (142.2 cm)
- Accepts tunnel-loop and slotted pouches and holders
- Tough, molded, non-metallic, slide-action buckle provides single-handed, quick release and adjustment
- Made in the USA with global components

Cat. No.	Waist Size	Overall Width	Weight
5204	Up to 56" (142.2 cm)	2" (50.8 mm)	0.20 lb (0.09 kg)



5204

Adjustable Web Tool Belt

- Accommodates tunnel loop and slotted tool pouches and holders
- 2" (51 mm) wide polypropylene webbing
- Rugged metal buckle for quick release and easy adjustment
- Corrosion resistant hardware
- Made in the USA with global components

Cat. No.	Waist Size	Overall Width	Weight
5225	32" to 48" (81.3 to 121.9 cm)	2" (50.8 mm)	0.60 lb (0.27 kg)



5225

Heavy-Duty Tool Belts

- Strong, heavy-duty leather construction
- Equipped with a double-tongue buckle (Cat. No. 5415 Series) or double-tongue buckle with keeper (Cat. No. 5420 Series)
- Separate reel-strap with its own buckle lets you quickly and conveniently put on or take off a Klein tie-wire reel (Cat. No. 5420 Series)
- Made in the USA with global components

Cat. No.	Waist Size	Overall Width	Weight
5415S	32" to 40" (81.3 to 101.6 cm)	2" (50.8 mm)	0.63 lb (0.29 kg)
5415	36" to 44" (91.4 to 111.8 cm)	2" (50.8 mm)	0.64 lb (0.29 kg)
5415L	40" to 48" (101.6 to 121.9 cm)	2" (50.8 mm)	0.64 lb (0.29 kg)
5415XL	44" to 52" (111.8 to 132.1 cm)	2" (50.8 mm)	0.65 lb (0.29 kg)
5420S	32" to 40" (81.3 to 101.6 cm)	2" (50.8 mm)	0.85 lb (0.39 kg)
5420	36" to 44" (91.4 to 111.8 cm)	2" (50.8 mm)	0.95 lb (0.43 kg)
5420L	40" to 48" (101.6 to 121.9 cm)	2" (50.8 mm)	1.1 lb (0.5 kg)
5420XL	44" to 52" (111.8 to 132.1 cm)	2" (50.8 mm)	1.2 lb (0.5 kg)



5415



5420L

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective belt.

⚠**WARNING:** NOT for fall arrest or back support.

Tool Belts

Padded Leather Quick-Release Belts

- Durable leather belt and pad provide comfort and safety
- Quick-release buckle allows user to immediately disengage the belt if needed
- Leather belt pad provides a comfortable cushion for the back
- One-way release snaps keep the pad in place
- Heavy-duty leather for long life
- Made in the USA with global components

	Cat. No.	Waist Size	Overall Width	Weight
NEW	5426M	34" to 38" (86.4 cm to 96.5 cm)	5" (12.7 cm)	2.09 lb (0.94 kg)
NEW	5426L	38" to 46" (96.5 cm to 116.8 cm)	5" (12.7 cm)	2.10 lb (0.95 kg)
NEW	5426XL	46" to 54" (116.8 to 137.2 cm)	5" (12.7 cm)	2.15 lb (0.98 kg)



5426M

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
- Made of a mildew-resistant blend of cotton/polyester webbing for comfort and strength
- Made in the USA with global components

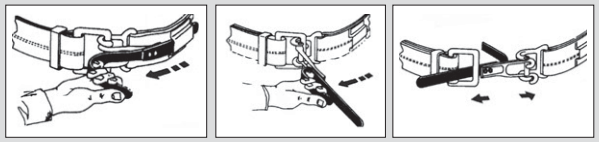


5425M

Cat. No.	Waist Size	Overall Width	Weight
5425M	30" to 44" (76.2 to 111.8 cm)	2" (50.8 mm)	1.5 lb (0.7 kg)
5425XL	38" to 58" (96.5 to 147.3 cm)	2" (50.8 mm)	1.7 lb (0.8 kg)

Designed for Quick Release

1. Pull free end of release strap to disengage other end from retainer.
2. Pulling action rotates clasp to open position.
3. Disengaged clasp allows belt to separate.



Suspenders & Belt Accessories

Suspenders

- Clips and slides are nickel-plated for corrosion resistance
- Extra-strong belt clips have alligator teeth for added gripping power
- Made in the USA with global components



60223B

Cat. No.	Description	Color	Size	Strap Width	Weight
60210B	Nylon-Web Suspenders with Adjustable Back	Blue	One Size Fits All	2" (50.8 mm)	0.63 lb (0.29 kg)
60223B	Elastic-Back Suspenders	Blue	One Size Fits All	2" (50.8 mm)	0.60 lb (0.27 kg)

Leather Cushion Belt Pads

- Durable, deluxe leather pad is comfortable to wear for long periods
- 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
- When sizing a belt to accommodate this pad, add 2" to 4" (51 to 102 mm) to the belt waist size
- Made in the USA with global components



87904

Cat. No.	Overall Length	Overall Width	Weight
87904	22" (558.8 mm)	4" (101.6 mm)	0.99 lb (0.45 kg)
87906	30" (762.0 mm)	4" (101.6 mm)	1.0 lb (0.5 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective belt.

⚠**WARNING:** NOT for fall arrest or back support.

Tool Bags and Storage

Tool bags from Klein come in a wide variety of shapes and sizes to match the diverse tools and accessories professionals use every day.



For Professionals...
Since 1857™

TRADESMAN PRO™
TOOL MASTER BACKPACK

Be ready for anything

REMOVABLE TOOL CADDY
with handles and D-Ring for hanging

Padded handle with reinforced aircraft cable

Metal hanging hook tucks easily away

Large interior space fits larger hand tools like drills

Durable back padding extends over the hard bottom for carrying comfort

48 POCKETS

Extra padding on the shoulder straps

Adjustable chest and lower straps for a customized fit

Molded front pocket protects safety glasses, phones, etc.

Hard molded plastic bottom protects from the elements

Tool Master Backpack

NEW Product

- 48 pockets to easily keep everything organized
- Removable tool caddy with carrying handles and a D-ring for hanging, a zipper pocket and closed pouches for small tools and parts, and open pockets and straps ideal for long drivers
- Aircraft cable heavily reinforces the handle as well as a heavy-duty zipper with lockable pulls
- Made of durable 1680d ballistic weave material and a molded bottom to help protect from the elements
- Hang the bag from the heavy-duty metal hook for easy access into the bag
- Well-padded shoulder straps have a buckled chest strap along with lower straps that adjust for a perfect fit
- Molded front pocket helps protect items like phones and safety glasses
- Orange interior helps find tools easily and a large interior space for larger hand tools

PTIA 2018 TOOL INNOVATION AWARDS FINALIST



55485

	Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
NEW	55485	48	11" (279.4 mm)	19.5" (495.3 mm)	13.5" (342.9 mm)	13.2 lb (6.0 kg)

TRADESMAN PRO™

Durable, versatile, functional and designed with the tradesperson in mind.

Most Tradesman Pro™ bags have these core features



Electrician's Backpacks

Includes core Tradesman Pro™ features plus:

- Wide opening fits power drills, meters, flashlights, etc.
- Large front pocket easily fits cables and tools
- Cat. No. 55597 has a polyester upper pocket and Cat. Nos. 55421BP-14 and 55421BP14CAMO have a hard molded pocket to protect safety glasses, meters, etc.
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers
- Cat. No. 55597 features reflective shoulder and front strips



Realtree AP-XTRA Camouflage Design
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Cat. No.	Description	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55421BP-14	Tradesman Pro™ Backpack	39	14.5" (368.3 mm)	20" (508.0 mm)	7.25" (184.2 mm)	6.0 lb (2.7 kg)
55421BP14CAMO	Tradesman Pro™ Camo Backpack	39	14.5" (368.3 mm)	20" (508.0 mm)	7.25" (184.2 mm)	6.0 lb (2.7 kg)
55597	Tradesman Pro™ High Visibility Backpack	39	14.375" (365.1 mm)	20" (508.0 mm)	7" (177.8 mm)	5.4 lb (2.5 kg)

* **DOES NOT** conform to ANSI/SEA 107-2015 high visbility safety apparel and accessories standard.

Backpacks & Tool Bags TRADESMAN PRO™

Tool Gear Backpack

- Tall interior pockets for long screwdrivers
- Upper pocket holds cell phones, keys, etc.
- Zipper pocket has space for pencils and small items
- Bottom is constructed of a coated tough diamond-textured material
- Orange interior to find tools faster
- 1680d ballistic weave for durability





55475

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55475	35	7.375" (187.3 mm)	17.5" (444.5 mm)	14.5" (368.3 mm)	4.4 lb (2.0 kg)

Tech Backpack

Includes core Tradesman Pro™ features plus:

- Storage for adapters and cables
- Organizer pocket for pens, phone, cables, and more
- Hard, molded front pocket protects safety glasses
- Cat. No. 55439BPTB fits laptop up to 3" (76 mm) thick



Separate compartment keeps laptop protected from other tools.



55456BPL

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55456BPL	25	14" (355.6 mm)	18.5" (469.9 mm)	7" (177.8 mm)	6.0 lb (2.7 kg)
55439BPTB	25	14" (355.6 mm)	18.5" (469.9 mm)	7" (177.8 mm)	5.4 lb (2.5 kg)

Tech Bag

Includes core Tradesman Pro™ features plus:

- Inside pocket for adapters and cables
- Zipper pocket for files and paperwork
- Rubber feet and water resistant material on bottom protects from the elements



Separate compartment keeps laptop protected from other tools.



55455M

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55455M	22	19" (482.6 mm)	16" (406.4 mm)	6.5" (165.1 mm)	4.6 lb (2.1 kg)

TRADESMAN PRO™ Tool Bags

Wide-Open Tool Bag

Includes core Tradesman Pro™ features plus:

- Stay-open top for unobstructed tool access
- Large interior zipper pocket
- Inside is equipped with various sized pockets for tools and gear
- Multiple exterior front and back pockets for quick access
- Outside has side mesh pockets and a metal tape measure holder
- Shoulder strap with extra padding and handles





55469

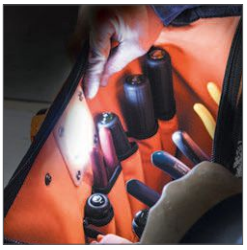
Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55469	42	10.25" (260.4 mm)	16.25" (412.8 mm)	17.75" (450.9 mm)	8.0 lb (3.6 kg)

Lighted Tool Bag

Includes core Tradesman Pro™ features plus:

- Included removable LED light can be twist on / twist off so light can be positioned to illuminate inside the bag or the outside workspace





See **55437 Work Light** in Illumination section for additional information or to order a replacement light.



55431

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55431	31	15.25" (387.4 mm)	14" (355.6 mm)	8" (203.2 mm)	5.0 lb (2.3 kg)

High-Visibility Tool Bag

Includes core Tradesman Pro™ features plus:

- Stay-open top
- Large interior zipper pocket
- Tall interior pockets for long screwdrivers
- Shoulder strap with extra padding and handles
- Front pockets hold tools or small parts
- Mesh side pockets
- Reflective outer strips for visibility in low-light environments





55598

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55598	42	17.5" (444.5 mm)	16" (406.4 mm)	10" (254.0 mm)	7.0 lb (3.2 kg)

*DOES NOT conform to ANSI/SEA 107-2015 high visibility saety apparel and accessories standard.

Tool Bags & Totes

TRADESMAN PRO™

Rolling Tool Bag

Includes core Tradesman Pro™ features plus:

- 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



Molded kick plate to protect from the elements.



Wide open interior to accommodate large tools.

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55452RTB	24	19" (482.6 mm)	14" (355.6 mm)	12.5" (317.5 mm)	19.0 lb (8.6 kg)



55452RTB

10-Inch Tote

Includes core Tradesman Pro™ features plus:

- Double stitched seams for extra durability
- Resized pockets to better fit tools
- Large zipper pockets for tools and small parts
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
5541610-14	40	10" (254.0 mm)	12.25" (311.2 mm)	10.25" (260.4 mm)	6.0 lb (2.7 kg)



5541610-14

8-Inch Tote

Includes core Tradesman Pro™ features plus:

- Double stitched seams for extra durability
- Resized pockets to better fit tools
- Large zipper pockets for tools and small parts
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
554158-14	20	8.75" (222.3 mm)	17" (431.8 mm)	8.75" (222.3 mm)	5.0 lb (2.3 kg)



554158-14

TRADESMAN PRO™ Pouches & Bags

Shoulder Pouch

Includes core Tradesman Pro™ features plus:

- Double stitched seams for extra durability
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers





55419SP-14

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55419SP-14	14	8" (203.2 mm)	10" (254.0 mm)	5" (127.0 mm)	3.0 lb (1.4 kg)

Bucket Bag

- Double layer of polyester at bucket edges for durability
- Interior pockets include: three tool sleeves, one power tool/ cord sleeve, and six universal pockets
- Exterior pockets include: nine screwdriver/nut driver pockets, eleven pliers pockets, eleven utility pockets, two wire stripper pockets, and two Velcro® closeable pockets
- Heavy-duty webbing keeps pockets open for easy access to supplies and tools





55448

Cat. No.	Number of Pockets	Diameter	Weight
55448	45	19" (482.6 mm)	2.0 lb (0.9 kg)

VELCRO® is a registered trademark of Velcro Industries B.V. Tools and bucket not included.

Attachable Hacksaw Holder

- Quick link for attaching to tool bags
- Fits standard hacksaws up to 16.5"
- Protective plastic lined interior
- Top-loading for easy access to hacksaw
- Web strap with snap closure keeps hacksaw secure





55454DHB

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
55454DHB	1	17" (431.8 mm)	8.375" (212.7 mm)	1.5" (38.1 mm)	1.3 lb (0.6 kg)

Tool Bags

Cordura® Ballistic Nylon Tool Bag

- Cordura® ballistic nylon, a high-performance fabric resistant to abrasions, tears and scuffs
- Molded bottom made with a durable, impact modified polypropylene
- Eight interior and two exterior pockets hold a wide assortment of hand tools and supplies
- Large opening with reinforced steel frame maintains the bag's shape while loading and unloading
- Heavy-duty nylon zipper closure and a large leather zipper-pull assure easy operation
- Box-stitched 2" (51 mm) wide polypropylene padded carrying handles with comfortable leather wrap
- Optional padded, slip-resistant adjustable shoulder strap (Cat. No. 58889) for hands-free mobility is available
- Made in USA with global components

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
5200-15	15" (381.0 mm)	14.5" (368.3 mm)	8" (203.2 mm)	3.5 lb (1.6 kg)

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



5200-15

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 ad 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
- Should strap kit available (Cat. No. 5102S)
- Made in USA with global components

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
5102-12	12" (304.8 mm)	10" (254.0 mm)	6" (152.4 mm)	2.0 lb (0.9 kg)
5102-14	14" (355.6 mm)	14" (355.6 mm)	6" (152.4 mm)	2.5 lb (1.1 kg)
5102-16	16" (406.4 mm)	14" (355.6 mm)	6" (152.4 mm)	3.0 lb (1.4 kg)
5102-18	18" (457.2 mm)	14" (355.6 mm)	6" (152.4 mm)	2.8 lb (1.3 kg)
5102-20	20" (508.0 mm)	15" (381.0 mm)	6" (152.4 mm)	3.0 lb (1.4 kg)
5102-22	22" (559 mm)	15" (381.0 mm)	6" (152.4 mm)	3.0 lb (1.4 kg)
5102-24	24" (609.6 mm)	15" (381.0 mm)	6" (152.4 mm)	4.0 lb (1.8 kg)



5102-12

Deluxe Canvas Tool Bags

- Multiple interior pockets for organization
- Detachable shoulder strap can be adjusted for a perfect fit
- Made of heavy-duty No. 8 natural canvas
- Moisture-resistant vinyl bottom with non-scratch studs on the base to protect against wear
- Steel frame mouth with hinge for rugged use
- Stitched and riveted leather handles for long life
- Made in USA with global components

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
5102-14SP	10	14" (355.6 mm)	10" (254.0 mm)	6" (152.4 mm)	3.5 lb (1.6 kg)
5102-16SP	13	16" (406.4 mm)	14" (355.6 mm)	6" (152.4 mm)	3.7 lb (1.7 kg)
5102-18SP	13	18" (457.2 mm)	14" (355.6 mm)	6" (152.4 mm)	4.0 lb (1.8 kg)
5102-24SP	17	24" (609.6 mm)	15" (381.0 mm)	6" (152.4 mm)	5.0 lb (2.3 kg)



5102-16SP

Tool Bags

High-Bottom Canvas Tool Bags

- Heavy-duty No. 8 natural canvas
- Bottom and 8" (203 mm) of lower sides are covered with moisture-resistant vinyl
- Non-scratch studs on base protect against wear
- Steel-frame mouth with hinge for rugged use
- Harness-leather handles with two retaining straps and buckles
- Retro-fit bags with shoulder strap kit (Cat. No. 5102S). Kit includes leather strap with pad and snap hooks, rings and fasteners for attaching rings to bags
- Made in USA with global components

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
5105-20	20" (508.0 mm)	15" (381.0 mm)	6" (152.4 mm)	3.5 lb (1.6 kg)
5105-24	24" (609.6 mm)	15" (381.0 mm)	6" (152.4 mm)	4.0 lb (1.8 kg)



5105-20

Canvas Tool Bags - Multiple Pockets, Leather Bottom

- Steel-frame mouth with hinge for rugged use
- Internal pockets in a variety of sizes
- External pocket for additional carrying needs
- Constructed of strong No. 8 natural canvas
- Reinforced bottom supports heavy tools, blocks moisture, and provides durability at wear points
- Wide opening provides easy access to large tools
- Bottom is protected from the elements by 6 studs
- Includes: Shoulder strap mounts (optional shoulder strap available, Cat. No. 58889), 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
- Made in USA with global components

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
5003-18	11	18" (457.2 mm)	14" (355.6 mm)	6" (152.4 mm)	4.0 lb (1.8 kg)
5003-20	15	20" (508.0 mm)	15" (381.0 mm)	6" (152.4 mm)	4.0 lb (1.8 kg)



5003-18

Canvas Tool Bags

- Heavy-duty No. 6 natural canvas
- Double-layer canvas bottom
- Reinforced, riveted web handles
- Made in USA with global components

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
5155	17" (431.8 mm)	12" (304.8 mm)	9" (228.6 mm)	1.5 lb (0.7 kg)
5156	19" (482.6 mm)	15" (381.0 mm)	9" (228.6 mm)	1.9 lb (0.9 kg)



5155

Tool Bags

Lineman's Duffel Bag

- Bright orange for easy visibility
- Water-resistant vinyl protects against the elements
- Drain holes help minimize water build up
- Mesh strips keep bag aerated so clothes and equipment can dry
- Web straps extend around the bag for extra support
- Handles are large enough to carry bag like a backpack
- Made in the USA of global components



5216V

	Cat. No.	Overall Length	Overall Height	Overall Width	Weight
NEW	5216V	24" (609.6 mm)	12" (304.8 mm)	12" (304.8 mm)	2 lb (0.9 kg)

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; Cat. No. 5180 is reinforced with 1/4" (6 mm) plywood
- Webbing extends down side of bag from handles and shoulder strap for extra support and durability (Cat. Nos. 5182BLA and 51810RA)
- Wide opening steel frame is securely riveted in top of bag (Cat. No. 5180)
- Right-sized rain flap with Velcro® fastening
- Adjustable, padded shoulder strap included (Cat. Nos. 5182BLA and 51810RA)
- Made in USA with global components



5182BLA



51810RA



5180



Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
5182BLA	2	24" (609.6 mm)	20" (508.0 mm)	10" (254.0 mm)	7.0 lb (3.2 kg)
51810RA	1	24" (609.6 mm)	20" (508.0 mm)	10" (254.0 mm)	7.0 lb (3.2 kg)
5180	0	24" (609.6 mm)	18" (457.2 mm)	10" (254.0 mm)	6.0 lb (2.7 kg)

VELCRO® is a registered trademakr of Velcro Industries B.V.

Tool Bags

Lineman's 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
- Made in USA with global components



5185ORA

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
5185ORA	4	18" (457.2 mm)	23" (584.2 mm)	10" (254.0 mm)	5.0 lb (2.3 kg)

Tool Totes

- Constructed of rugged, 600 x 300 denier polyester to resist wear and tear on the jobsite
- 2" (51 mm) wide polypropylene padded carrying handles with comfortable leather wrap
- Water-resistant to avoid the build-up of mold and mildew
- Exterior pockets hold a variety of tools and a mobile phone
- Multiple interior pockets and a large interior compartment for a wide assortment of tools and supplies (only with Cat. No. 58888 and Cat. No. 58890)
- Durable molded bottom with drain holes to prevent water retention
- Contoured, padded, slip-resistant shoulder strap for hands-free mobility (included with Cat No. 58888 and Cat. No. 58890)
- Heavy-duty chain tape thong (Cat. No. 58890 only)
- Made in USA with global components



58890

Cat. No.	Number of Pockets	Chain Tape Thong	Shoulder Strap	Overall Length	Overall Height	Overall Width	Weight
58886	7	No	No	15.5" (393.7 mm)	10" (254.0 mm)	7.5" (190.5 mm)	2.5 lb (1.1 kg)
58888	12	No	Yes	15.5" (393.7 mm)	10" (254.0 mm)	7.5" (190.5 mm)	3.0 lb (1.4 kg)
58890	17	Yes	Yes	15.5" (393.7 mm)	10" (254.0 mm)	7.5" (190.5 mm)	3.0 lb (1.4 kg)

*Optional shoulder strap (Cat. No. 58889) available.

Ten-Compartment Drawstring Bag

- 12 oz. olive canvas
- Ten compartments to hold small parts
- Drawstring for easy closing
- Made in USA with global components



5151

Cat. No.	Overall Height	Diameter	Weight
5151	6" (152.4 mm)	11" (279.4 mm)	0.40 lb (0.18 kg)

Tool Bags

Leather Tote Bag

- Rugged tool bag made of extra-heavy leather
- Stitched and riveted construction
- Reinforced ends
- Double-ply bottom with steel studs
- Made in USA with global components



5115

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
5115	15" (381.0 mm)	7" (177.8 mm)	6.5" (165.1 mm)	2.0 lb (0.9 kg)

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
- Made in USA with global components



5108-18

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
5108-18	18" (457.2 mm)	8" (203.2 mm)	7" (177.8 mm)	4.6 lb (2.1 kg)
5108-20	20" (508.0 mm)	8" (203.2 mm)	7" (177.8 mm)	5.0 lb (2.3 kg)
5108-24	24" (609.6 mm)	8" (203.2 mm)	7" (177.8 mm)	5.0 lb (2.3 kg)

Zipper Bags

TRADESMAN PRO™

Tradesman Pro™ Zipper Bags

- Includes 2 zipper bags: 12-1/2"x 7" (317.5 x 177.8 mm) and 10" x 5-1/2" (254.0 x 139.7 mm)
- Handy storage for pliers, wrenches, screwdrivers and other small tools and parts
- Black aluminum carabiner included (not for human support)
- Cat. No. 55599 features high-visibility interiors and reflective outer strips



55560



55599

REALTREE Xtra

Realtree AP-XTRA Camouflage Design
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Cat. No.	Material	Color	Overall Height	Overall Width	Weight
55599	1680d Ballistic Weave	Black, Reflective Gray, Green Accents	7" (177.8 mm), 5.5" (139.7 mm)	12.5" (317.5 mm), 10" (254 mm)	0.39 lb (0.18 kg)
55560	1680d Ballistic Weave	Camouflage	7" (177.8 mm), 5.5" (139.7 mm)	12.5" (317.5 mm), 10" (254 mm)	0.39 lb (0.18 kg)

DOES NOT conform to ANSI/ISEA 107-2015 high visibility safety apparel and accessories standard.

Zipper Bags

Stand-up Zipper Bags

- Reinforced bottom of 2520d ballistic material prevents tools and parts from poking through
- Stand-up bottom allows items to be found more easily
- Colored interior to see items better
- Bags are different sizes and colors to help with organization
- Body of the bags are of tough 1680d ballistic material
- Connect bags with a carabiner (not for human support)
- Two-pack includes a 6-1/2" tall (165 mm) orange bag and a 7-1/2" tall (191 mm) gray bag



55470

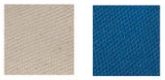
Cat. No.	Material	Color	Overall Length	Overall Height	Overall Width	Weight
55470	1680d Ballistic Nylon, 2520d Ballistic Nylon Bottom	Orange/Black; Gray/Black	8.5" (215.9 mm); 9" (228.6 mm)	6.5" (165.1 mm); 7.5" (190.5 mm)	1.125" (28.6 mm)	6.6 oz (186 g)

Canvas Zipper Bags

- Heavy-duty brass zipper
- Convenient storage for wire nuts, connectors and other consumables
- 3-1/2" (89 mm) wide bottom for stability when standing; easy access when open
- Brass grommet for hanging or attaching to belt or clip
- Made in USA with global components



5539BLU



5539NAT

5539BLU



5539YEL



5539RED

Cat. No.	Material	Color	Overall Length	Overall Height	Overall Width	Weight
5539RED	No. 8 Canvas	Red	10" (254.0 mm)	8" (203.2 mm)	3.5" (88.9 mm)	3.8 oz (109 g)
5539BLU	No. 8 Canvas	Blue	10" (254.0 mm)	8" (203.2 mm)	3.5" (88.9 mm)	3.8 oz (109 g)
5539YEL	No. 8 Canvas	Yellow	10" (254.0 mm)	8" (203.2 mm)	3.5" (88.9 mm)	3.8 oz (109 g)
5539NAT	No. 8 Canvas	Natural	10" (254.0 mm)	8" (203.2 mm)	3.5" (88.9 mm)	3.8 oz (109 g)
5539CPAK	No. 8 Canvas	3-Pack; Red, Blue, Yellow	10" (254.0 mm)	8" (203.2 mm)	3.5" (88.9 mm)	12.3 oz (350 g)

US Patents: D621153, D625515, D625915

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
- Cat. No. 5236 has a heavy duty nylon zipper
- Cat. Nos. 5136 and 5336 have heavy duty brass zippers
- Made in USA with global components



5136

Cat. No.	Material	Color	Overall Length	Overall Height	Overall Width	Weight
5136	Top Grain Leather	Brown	17" (431.8 mm)	12" (304.8 mm)	0.7" (18 mm)	13.4 oz (381 g)
5236	Cordura® Ballistic Nylon	Black	17" (431.8 mm)	12" (304.8 mm)	0.5" (12.7 mm)	8.2 oz (231 g)
5336	No. 10 Canvas	Natural	17" (431.8 mm)	12" (304.8 mm)	0.7" (18 mm)	6.4 oz (181 g)

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

Zipper Bags

Canvas Zipper Bags - 4 Pack

- Includes four assorted colors to organize and categorize important tools
- Heavy-duty brass zipper
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools, and spare parts
- Made in USA with global components



5140



5141

Cat. No.	Material	Color	Overall Length	Overall Height	Overall Width	Weight
5140	No. 10 Canvas	Olive, Orange, Blue, Yellow	12.5" (317.5 mm)	7" (177.8 mm)	0.7" (18 mm)	15 oz (426 g)
5141	No. 10 Canvas	Red, Gray, Black, Brown	12.5" (317.5 mm)	7" (177.8 mm)	0.7" (18 mm)	15 oz (426 g)

Zipper Bags



5139



5139B



5139C



5139L

- Constructed of No. 10 canvas with heavy-duty brass zipper (Cat. No. 5139)
- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools, and spare parts
- Constructed of Cordura® ballistic nylon, a high-performance fabric resistant to abrasions, tears, and scuffs (Cat. Nos. 5139B, 5139C)
- Cat. No. 5139C features the jungle stalker digitized camouflage pattern for maximum concealment
- Heavy-duty nylon stitching and zipper ensure durability and long life (Cat. Nos. 5139C)
- Heavy-duty nylon zipper. (Cat. Nos. 5139B, 5139C)
- Made in USA with global components

Cat. No.	Material	Color	Overall Length	Overall Height	Overall Width	Weight
5139	No. 10 Canvas with Brass Zipper	Natural	12.5" (317.5 mm)	7" (177.8 mm)	0.7" (18 mm)	3.0 oz (86 g)
5139B	Cordura® Ballistic Nylon	Black	12.5" (317.5 mm)	7" (177.8 mm)	0.5" (12.7 mm)	3.8 oz (109 g)
5139C	Cordura® Camouflage	Camouflage	12.5" (317.5 mm)	7" (177.8 mm)	0.5" (12.7 mm)	2.2 oz (64 g)
5139L	Top Grain Leather	Brown	12.5" (317.5 mm)	7" (177.8 mm)	0.7" (18 mm)	3.7 oz (104 g)

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

Padded Cordura® Zipper Bag

- Constructed of Cordura® washable fabric, a high performance fabric resistant to abrasions, tears and scuffs
- Three-layer padding provides additional protection to contents
- Heavy-duty nylon zipper
- Made in USA with global components



5139PAD

Cat. No.	Material	Color	Overall Length	Overall Height	Overall Width	Weight
5139PAD	Cordura® Ballistic Nylon	Black	12.5" (317.5 mm)	7" (177.8 mm)	0.5" (12.7 mm)	4.5 oz (127 g)

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

Glove Bags

Canvas Glove Bags

- Made of durable canvas
- Has an expansion gusset, 5-/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
- Made in USA with global components

Cat. No.	Material	Overall Length	Overall Width	Top Depth	Bottom Depth	Weight
5121-15	No. 4 Canvas	15" (381.0 mm)	8" (203.2 mm)	5.5" (139.7 mm)	2.75" (69.9 mm)	0.75 lb (0.34 kg)
5121-19	No. 4 Canvas	19" (482.6 mm)	8" (203.2 mm)	5.5" (139.7 mm)	2.75" (69.9 mm)	0.75 lb (0.34 kg)
5124-15	No. 10 Canvas	15" (381.0 mm)	8" (203.2 mm)	4" (101.6 mm)	4" (101.6 mm)	0.60 lb (0.27 kg)
5124-17	No. 10 Canvas	17" (431.8 mm)	8" (203.2 mm)	4" (101.6 mm)	4" (101.6 mm)	0.60 lb (0.27 kg)
5124-19	No. 10 Canvas	19" (482.6 mm)	8" (203.2 mm)	4" (101.6 mm)	4" (101.6 mm)	0.75 lb (0.34 kg)



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
- Supplied with two-way snap
- Includes safety notice to remind workers of the importance of using gloves
- Made in USA with global components

Cat. No.	Material	Overall Length	Overall Width	Top Depth	Bottom Depth	Weight
5122-16	No. 4 Canvas	16" (406.4 mm)	8" (203.2 mm)	4.813" (122.3 mm)	4.813" (122.3 mm)	1.0 lb (0.5 kg)
5122-18	No. 4 Canvas	18" (457.2 mm)	8" (203.2 mm)	4.813" (122.3 mm)	4.813" (122.3 mm)	1.0 lb (0.5 kg)



5122-16

Tool Bag Accessories

Adjustable Shoulder Strap Kit

- Works with Cat. Nos. 5102 and 5105 series canvas tool bags
- Adjustable strap is 1" (25 mm) wide with a 2-1/2" (64 mm) shoulder pad
- Complete kit contains leather strap with pad and snap hooks, rings and fasteners for attaching rings to bags
- Made in USA with global components

Cat. No.	Adjustable Length	Weight
5102S	46 to 57.5" (1168.4 to 1460.5 mm)	0.75 lb (0.34 kg)


5102S

Padded Adjustable Shoulder Strap

- Shoulder strap for Tool Tote™ and 5003 series canvas tool bags
- Adjustable from both ends for a perfect fit
- Strap is 2" (51 mm) wide with a 3" (76 mm) soft shoulder pad
- Made in USA with global components

Cat. No.	Adjustable Length	Weight
58889	37" to 55" (940 to 1397 mm)	0.35 lb (0.16 kg)


58889

Slide Racks

Slide Racks

- Holds Klein mid-size or extra-large storage boxes
- Boxes not included with rack; must be ordered separately
- Welded, extra-rigid, all-steel construction
- Metallic gray baked-enamel finish
- Boxes ride in and out on heavy-duty channel tracks that permit covers to open all the way for full access
- Heavy tabs prevent boxes from being accidentally pulled out, yet allow boxes to be easily removed when desired
- Locking bars can be readily attached to prevent unauthorized access
- Made in USA

Cat. No.	Overall Length	Overall Height	Overall Width	Holds	Weight
54474	11.875" (301.6 mm)	11.313" (287.4 mm)	15.188" (385.8 mm)	Four Klein Mid-Size Storage Boxes	20.0 lb (9.1 kg)
54476	11.75" (298.5 mm)	16.375" (415.9 mm)	15.25" (387.4 mm)	Six Klein Mid-Size Storage Boxes	30.0 lb (13.6 kg)
54477	15.75" (400.1 mm)	15" (381.0 mm)	20" (508.0 mm)	Four Klein Extra-Large Storage Boxes	37.0 lb (16.8 kg)



54474

Slide Rack Locking Bars

- Steel bars lock to secure mid-size storage boxes in slide racks
- Front hasp pivots down to allow locking bar to open
- Available for Klein four-box and six-box racks
- Strong piano hinge
- Metallic gray baked enamel finish
- Mounting holes allow for easy installation with sheet metal screws or pop rivets
- Made in USA



54484

Cat. No.	Description	Weight
54484	Slide Rack Locking Bars for 54474	0.25 lb (0.11 kg)
54486	Slide Rack Locking Bars for 54476/54477	0.35 lb (0.16 kg)

Tool Boxes

Adjustable Compartment Parts Box

- Movable dividers in this parts box allow compartment sections to be arranged and sized as desired
- Three partitions, running from front to back, divide the box into four equal 4-1/2" (114 mm) x 12" (305 mm) sections
- Nine straight metal dividers can be positioned anywhere between the partitions, in one inch (25 mm) increments, to create the compartments desired
- Boxes feature strong, rigid, heavy-duty welded construction
- Full-length piano hinged covers are designed to stay open for ease of access
- Each box has a carrying handle, positive pull-down locking catch
- Boxes are a heavy metallic gray baked-enamel finish
- Box compartments feature high-impact styrene construction
- Scoop-bottom design for easy parts removal and cleaning
- Fits four drawer extra-large slide rack Cat. No. 54477
- Made in USA

Cat. No.	Overall Length	Overall Height	Overall Width	Number of Compartments	Compartment Sizes	Weight
54451	12" (304.8 mm)	3" (76.2 mm)	18" (457.2 mm)	Adjustable	Adjustable	7.0 lb (3.2 kg)



54451

Tool Boxes

Mid-Size Compartment Boxes

- Klein storage boxes are offered with a choice of compartment sizes and arrangements
- Boxes feature strong, rigid, heavy-duty welded construction
- Full-lenth piano hinged covers are designed to stay open for ease of access
- Each box has a carrying handle, positive pull-down locking catch
- Boxes have a heavy, metallic gray baked-enamel finish
- Box compartments feature high-impact styrene construction
- Scoop-bottom design for easy parts removal and cleaning
- Fits either four-drawer slide rack Cat. No. 54474 or six-drawer rack Cat. No. 54476
- Made in USA



54438

Cat. No.	Overall Length	Overall Height	Overall Width	Number of Compartments	Compartment Sizes	Weight
54436	9.75" (247.7 mm)	2" (50.8 mm)	13.313" (338.2 mm)	8	6-7/16" x 2-1/16" (163.5 x 52.4 mm)	3.7 lb (1.7 kg)
54437	9.75" (247.7 mm)	2" (50.8 mm)	13.313" (338.2 mm)	12	4-5/16" x 2-5/16" (109.5 x 58.7 mm)	4.0 lb (1.8 kg)
54438	9.75" (247.7 mm)	2" (50.8 mm)	13.313" (338.2 mm)	16	3-1/4" x 2-5/16" (82.6 x 58.7 mm)	4.0 lb (1.8 kg)
54439	9.75" (247.7 mm)	2" (50.8 mm)	13.313" (338.2 mm)	20	2-5/8" x 2-5/16" (66.7 x 58.7 mm)	4.5 lb (2.0 kg)
54440	9.75" (247.7 mm)	2" (50.8 mm)	13.313" (338.2 mm)	21	20 Each 2-1/16" x 2-5/16" (52.4 x 58.7 mm) and One 2-3/4" x 9-1/16" (69.9 x 230.2 mm)	4.0 lb (1.8 kg)

Extra-Large Compartment Boxes

- Klein storage boxes are offered with a choice of compartment sizes and arrangements
- Boxes feature strong, rigid, heavy-duty welded construction
- Full-length piano hinged covers are designed to stay open for ease of access
- Each box has a carrying handle, positive pull-down locking catch
- Boxes have a heavy, metallic gray baked-enamel finish
- Box compartments feature high-impact styrene construction
- Scoop-bottom design for easy parts removal and cleaning
- Fits four-drawer extra-large slide rack Cat. No. 54477
- Made in USA



54445

Cat. No.	Overall Length	Overall Height	Overall Width	Number of Compartments	Compartment Sizes	Weight
54445	12" (304.8 mm)	3" (76.2 mm)	18" (457.2 mm)	16	4-3/8" x 2-7/8 (111.1 x 73.0 mm)	7.0 lb (3.2 kg)
54446	12" (304.8 mm)	3" (76.2 mm)	18" (457.2 mm)	21	20 Each 2-3/4" (69.9 mm) x 2-7/8" (73.0 mm) and One 3-3/4" (95.3 mm) x 11-7/8" (301.6 mm)	7.0 lb (3.2 kg)
54447	12" (304.8 mm)	3" (76.2 mm)	18" (457.2 mm)	24	20 Each 2-3/4" (69.9 mm) x 2-7/8" (73.0 mm) and Four 3-3/4" (95.3 mm) x 2-7/8" (73.0 mm)	8.0 lb (3.6 kg)
54448	12" (304.8 mm)	3" (76.2 mm)	18" (457.2 mm)	32	32 Each 2-1/8" x 2-7/8" (54.0 x 73.0 mm)	8.0 lb (3.6 kg)



Tool Kits

Some projects are more complex than others and require a variety of tools to be used. For this reason, Klein has tool kits to assist professionals with these demanding projects.

For Professionals...
Since 1857™

41-Piece Tool Kit

Cat. No.	Kit Contains	Weight
80141		29.8 lb (13.5 kg)



80141

Cat. No.	Description
BLK12	L Style Ball End Hex Key Caddy Set 12-Piece
J203-6	Long Nose Side Cutting Pliers, 6-3/4"
J203-8N	Journeyman™ Long Nose Pliers Side Cutting, 8"
J502-10	Journeyman™ Pump Pliers, 10"
D507-8	Adjustable Wrench, Extra Capacity 8"
D507-12	Adjustable Wrench Extra Capacity, 12"
600-1	5/16" Cabinet Tip Screwdriver 1-1/2"
600-4	1/4" Screwdriver Heavy Duty Square Shank
601-3	3/16" Cabinet Tip Screwdriver 3"
601-6	3/16" Cabinet Tip Screwdriver 6"
602-6	5/16" Keystone Tip Screwdriver, 6" Length
603-1	Stubby Screwdriver, #2 Phillips, 1-1/2" Shank
603-3	#1 Phillips Screwdriver, 3" Round Shank
603-4B	#2 Wire Bending Phillips Screwdriver
605-6	1/4" Cabinet Tip Screwdriver, Heavy Duty, 6"
630-3/16	3/16" Nut Driver with 3" Hollow Shaft
630-1/4	1/4" Nut Driver 3" Shaft Cushion Grip
630-5/16	5/16" Nut Driver Cushion-Grip 3" Shaft
630-11/32	11/32" Nut Driver 3" Hollow Shaft
630-3/8	3/8" Nut Driver with 3" Hollow Shaft
630-7/16	7/16" Hollow Nut Driver, 3", Cushion-Grip
630-1/2	1/2" Nut Driver, 3" Shaft, Cushion-Grip
650	Cushion-Grip Scratch Awl
662	#2 Square Screwdriver with 4" Round Shank
670-6	Screwdriver, 3/16" Cabinet, Rapi-Driv®, 6"
86225	Double Hook Magnetic Tape Measure, 25-Foot
935R	Aluminum Torpedo Level Rare Earth Magnet
J1005	Journeyman™ Crimping/Cutting Tool
K1412	Klein-Kurve® Dual NM Cable Stripper/Cutter
J2000-9NETP	9" Journeyman™ Wire Pulling Pliers Heavy Duty Side Cutting
J2000-48	8" Diagonal HD Cutting Pliers Angled Head
5003-18	Tool Bag, Canvas with Leather Bottom, 18"
5139	Canvas Zipper Bag
11055	Solid and Stranded Copper Wire Stripper and Cutter
44133	Klein-Kurve® Retractable Utility Knife
46037	Cable Splicer's Kit
56003	1/8" Wide Steel Fish Tape 125 ft
58889	Padded Adjustable Shoulder Strap
60053	Protective Eyewear, Black Frame, Clear Lens
J63050	Journeyman™ High Leverage Cable Cutter
85191	Conduit-Fitting and Reaming Screwdriver

⚠**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local laws on legality of selling or possesing these knives.

⚠**WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

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

See page 297 for additional information on warnings.

28-Piece Tool Kit

Cat. No.	Kit Contains	Weight
80028		17.2 lb (7.8 kg)



80028

Cat. No.	Description
D203-8	8" Long Nose Pliers Side-Cutting
D213-9NETP	Side Cutting and Tape Pulling Pliers, 9"
85191	Conduit-Fitting and Reaming Screwdriver
D248-8	8" Diagonal Cutting Pliers High Leverage
D502-10	Pump Pliers, 10"
506-10	10" Adjustable Wrench Standard Capacity
600-4	1/4" Screwdriver Heavy Duty Square Shank
601-6	3/16" Cabinet Tip Screwdriver 6"
602-6	5/16" Keystone Tip Screwdriver, 6" Length
603-4B	#2 Wire Bending Phillips Screwdriver
605-6	1/4" Cabinet Tip Screwdriver, Heavy Duty, 6"
630-3/16	3/16" Nut Driver with 3" Hollow Shaft
630-1/4	1/4" Nut Driver 3" Shaft Cushion Grip
630-5/16	5/16" Nut Driver Cushion-Grip 3" Shaft
630-11/32	11/32" Nut Driver 3" Hollow Shaft
630-3/8	3/8" Nut Driver with 3" Hollow Shaft
630-7/16	7/16" Hollow Nut Driver, 3", Cushion-Grip
630-1/2	1/2" Nut Driver, 3" Shaft, Cushion-Grip
662	#2 Square Screwdriver with 4" Round Shank
670-6	Screwdriver, 3/16" Cabinet, Rapi-Driv®, 6"
86125	25-Foot Non-Magnetic Tape Measure
935	Torpedo Level
1005	Crimping and Cutting Tool for Connectors
5102-16	16" Canvas Tool Bag
5139	Canvas Zipper Bag
11045	Wire Stripper/Cutter (10-18 AWG Solid)
44100	Utility Knife with Retractable Blade
60053	Protective Eyewear, Black Frame, Clear Lens

⚠**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local laws on legality of selling or possesing these knives.

⚠**WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

See page 297 for additional information on warnings.

18-Piece Tool Kit



80118

Cat. No.	Set Contains	Weight
80118		11.6 lb (5.3 kg)

Cat. No.	Description
J203-8N	Journeyman™ Long Nose Pliers Side Cutting, 8"
J502-10	Journeyman™ Pump Pliers, 10"
D507-10	Adjustable Wrench Extra Capacity, 10"
603-3	#1 Phillips Screwdriver, 3" Round Shank
603-4B	#2 Wire Bending Phillips Screwdriver
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
605-6	1/4" Cabinet Tip Screwdriver, Heavy Duty, 6"
630-1/4	1/4" Nut Driver 3" Shaft Cushion Grip
630-5/16	5/16" Nut Driver Cushion-Grip 3" Shaft
662	#2 Square Screwdriver with 4" Round Shank
670-6	Screwdriver, 3/16" Cabinet, Rapi-Driv®, 6"
86225	Double Hook Magnetic Tape Measure, 25-Foot
J2000-9NETP	9" Journeyman™ Wire Pulling Pliers Heavy Duty Side Cutting
J2000-48	8" Diagonal HD Cutting Pliers Angled Head
5165	10 Pocket Tool Pouch Knife Snap
5705	PowerLine™ Web Work Belt
11055	Solid and Stranded Copper Wire Stripper and Cutter
60053	Protective Eyewear, Black Frame, Clear Lens

⚠**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local laws on legality of selling or possesing these knives.

⚠**WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

⚠**WARNING:** This is NOT an occupational protective belt.

14-Piece Tool Kit



80014

Cat. No.	Kit Contains	Weight
80014		9.6 lb (4.4 kg)

Cat. No.	Description
D203-8	8" Long Nose Pliers Side-Cutting
D213-9NETP	Side Cutting and Tape Pulling Pliers, 9"
D248-8	8" Diagonal Cutting Pliers High Leverage
D502-10	Pump Pliers, 10"
603-3	#1 Phillips Screwdriver, 3" Round Shank
603-4B	#2 Wire Bending Phillips Screwdriver
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
605-6	1/4" Cabinet Tip Screwdriver, Heavy Duty, 6"
670-6	Screwdriver, 3/16" Cabinet, Rapi-Driv®, 6"
86125	25-Foot Non-Magnetic Tape Measure
5164	8-Pocket Tool Pouch Slotted
5225	Adjustable PolyWeb Tool Belt
11045	Wire Stripper/Cutter (10-18 AWG Solid)
60056	Protective Frameless Eyewear Clear Lens

⚠**WARNING:** Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

⚠**WARNING:** This is NOT an occupational protective belt.

See page 297 for additional information on warnings.

12-Piece Tool Kit



5300

Cat. No.	Kit Contains	Weight
5300		6.8 lb (3.1 kg)

Cat. No.	Description
5166	7-Pocket Tool Pouch
5225	Adjustable PolyWeb Tool Belt
603-3	#1 Phillips Screwdriver, 3" Round Shank
603-4	#2 Phillips Screwdriver 4" Round Shank
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
605-6	1/4" Cabinet Tip Screwdriver, Heavy Duty, 6"
11045	Wire Stripper/Cutter (10-18 AWG Solid)
D248-8	8" Diagonal Cutting Pliers High Leverage
D203-8	8" Long Nose Pliers Side-Cutting
D213-9NETP	Side Cutting and Tape Pulling Pliers, 9"
D502-10	Pump Pliers, 10"
928-25HV	Tape Measure, High Visibility Case, 25-Foot

⚠WARNING: Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

⚠WARNING: This is NOT an occupational protective belt.

12-Piece Tool Kit



92003

Cat. No.	Kit Contains	Weight
92003		17.0 lb (7.7 kg)

Cat. No.	Description
D213-9NETP	Side Cutting and Tape Pulling Pliers, 9"
D248-8	8" Diagonal Cutting Pliers High Leverage
D203-8	8" Long Nose Pliers Side-Cutting
D502-10	Pump Pliers, 10"
11045	Wire Stripper/Cutter (10-18 AWG Solid)
86375	7.5 M Double Hook Magnetic Tape Measure
603-4	#2 Phillips Screwdriver 4" Round Shank
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
661	Screwdriver, #1 Square Recess Tip, 4" Shank
662	#2 Square Screwdriver with 4" Round Shank
5719	PowerLine™ Series 18 Pocket Electrician Tool Pouch
5705	PowerLine™ Web Work Belt

⚠WARNING: Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

⚠WARNING: This is NOT an occupational protective belt.

6-Piece Trim-Out Tool Kit



80006

Cat. No.	Set Contains	Weight
80006		2.8 lb (1.3 kg)

Cat. No.	Description
603-4	#2 Phillips Screwdriver 4" Round Shank
605-4	1/4" Cabinet Tip Screwdriver 4" Shank
11055	Solid and Stranded Copper Wire Stripper and Cutter
D2000-9NE	9" Pliers Heavy Duty Side-Cutting
5204	Lightweight Utility Belt Blue
5119	4 Pocket Tool Pouch 6-1/2" x 8-1/2"

⚠WARNING: This is NOT an occupational protective belt.

See page 297 for additional information on warnings.

Voice/Data/ Video Tools, Testers & Connectors

Our comprehensive line of verification VDV products was created to prep, connect and test network, phone, CATV, home theater, satellite, and security cables for residential or commercial systems.



For Professionals...
Since 1857™

Cable Preparation

Radial Strippers

- Durable high-carbon steel cutting blades automatically adjust to cable diameter; won't damage internal conductors
- Finger loop design for smooth, easy rotation
- Slide depth gauge pre-measures coax cable for quick, precise and repeatable 5/16" and 1/4" (7.9 mm and 6.4 mm) strips
- Additional external blade in a structured design allows user to slit wire jacket for mid-span access or to open lengthwise (Cat. Nos. VDV110-261 and VDV110-295)
- Cat. No. VDV110-095 features two stripping cavities: one for standard size cable and one for utility size cables

US Patent: D688927



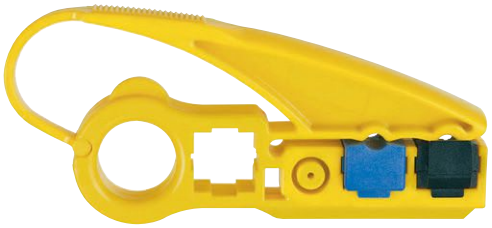
VDV110-261

VDV110-295

Cat. No.	Cable Size	Levels	Strip Dimensions	Prepared Cable	Handle Color	Weight
VDV110-261	CAT3, CAT5/5e, CAT 6/6A	1	Variable		Yellow/Blue	1.2 oz (34 g)
VDV110-061	RG59, RG6/6Q	2	0.3125" and 0.250" (7.94 and 6.35 mm)		Yellow/Black	1.2 oz (34 g)
VDV110-095	RG59, RG6/6Q, RG7, RG11	2	0.3125" and 0.250" (7.94 and 6.35 mm)		Yellow/Gray	1.5 oz (43 g)
VDV110-295	RG59, RG6/6Q; CAT3, CAT5/5e, CAT6/6A	Coaxial: 2, Twisted Pair: 1	Coaxial: 0.3125" and 0.250" (7.94 and 6.35 mm), Twisted Pair: Variable		Yellow/Blue	1.5 oz (43 g)

Cartridge Radial Strippers

- One-piece construction ensures precise stripping and never requires adjustment
- Multiple cable-type preparation
- Cartridges snap in from both sides for left or right-handed operation
- Large finger loop for easy rotation
- Includes storage cartridge-bay
- Additional and replacement cartridges available



VDV100-801

Cat. No.	Set Contains						Weight
VDV100-801-SEN	Dual Cartridge Radial Stripper						0.10 lb (0.05 kg)
	Cat. No.	**Cable Type**	**Color**	**Levels**	**Strip Dimensions**	**Prepared Cable**	
	VDV110-003-SEN	RG59, RG6/6Q	Black	2	0.3125" x 0.250" (7.94 x 6.35 mm)		
	VDV120-005-SEN	UTP Cable (CAT3, CAT5/5e and CAT6)	Blue	1	Variable		
Cat. No.	**Set Contains**						**Weight**
VDV110-802-SEN	Cartridge Radial Stripper						0.10 lb (0.05 kg)
	Cat. No.	**Cable Type**	**Color**	**Levels**	**Strip Dimensions**	**Prepared Cable**	
	VDV110-003-SEN	RG59, RG6/6Q	Black	2	0.3125" x 0.250" (7.94 x 6.35 mm)		

Radial Stripper Cartridges

- Designed for use with: Dual Cartridge Radial Strippers (Cat. Nos. VDV100-801-SEN and VDV110-802-SEN)
- 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 (excluding Cat. No. VDV120-005-SEN)
- Color-coded for easy identification



VDV110-003-SEN



VDV110-004-SEN



VDV110-020



VDV113-022



VDV113-021



VDV120-005-SEN

Cat. No.	Cable Type	Color	Levels	Strip Dimensions	Prepared Cable	Weight
VDV120-005-SEN	UTP Cable (CAT3, CAT5/5e and CAT6)	Blue	1	Variable		1.0 oz (28 g)
VDV110-003-SEN	RG59, RG6/6Q	Black	2	0.3125" x 0.250" (7.94 x 6.35 mm)		0.9 oz (26 g)
VDV110-004-SEN	RG7, RG11	Gray	2	0.3125" x 0.250" (7.94 x 6.35 mm)		0.10 lb (0.05 kg)
VDV110-020	Mini-Coaxial Cable	Green	2	0.250" x 0.250" (6.35 x 6.35 mm)		0.10 oz (2.8 g)
VDV113-021	RG58, RG59, RG62	Green	3	0.234" x 0.234" x Variable (5.95 x 5.95 mm x Variable)		0.10 oz (2.8 g)
VDV113-022	RG58, RG59, RG62	Brown	3	0.109" x 0.312" x Variable (2.77 x 7.92 mm x Variable)		0.10 oz (2.8 g)

See page 297 for additional information on warnings.

Cable Connection — Coaxial

Compact, F-Connector

- Fixed plunger allows quick, easy insertion and removal of cable and connector
- Steel body with black-oxide finish for corrosion resistance and durability
- Compact tool with integrated handle lock
- Spring loaded return increases user comfort and ease of use



VDV212-008

Cat. No.	Cable Size	Connector Type	Overall Length	Weight
VDV212-008-SEN	RG59, RG6/6Q	Common F-Connectors	5.594" (142.1 mm)	0.10 lb (0.05 kg)

Compression Crimper - Compact, Multi-Connector (F, BNC, RCA)

- Adjustable universal plumber ensures accurate crimps on multiple types of connectors
- Steel body with chrome finish resists corrosion and extends tool life
- Open design for easy insertion, complete compression and simple removal of cable and connector
- F/BNC/RCA gauge markings on tool for accurate positioning and quick adjustment of the plunger
- Spring loaded return increases user comfort and ease of use



VDV211-048

Cat. No.	Cable Size	Connector Type	Overall Length	Weight
VDV211-048	RG59, RG6/6Q	BNC, F and RCA	5.594" (142.1 mm)	0.50 lb (0.23 kg)

Compression Crimper - Extended Reach, Multi-Connector (F, BNC, RCA)

NEW Product

- Optimized for confied-space and short cable installations and repairs
- Made of stamped steel for durability
- Adjustable extended length universal plunger ensures optimized crimping on multiple types of connectors
- Open-channel design for easy insertion of all connector head styles
- Integrated leverage point to assist connector installation
- Connector markings and mm scale are lasered into tool for consistent crimping



VDV211-100

	Cat. No.	Cable Size	Connector Type	Overall Length	Weight
NEW	VDV211-100	RG59, RG6/6Q	F, BNC, RCA	9" (228.6 mm)	0.8 lb (0.4 kg)

Compression Crimper - Lateral, Multi-Connector (F, BNC, RCA)

- One tool crimps most cable sizes
- Heavy-duty zinc die-cast chassis for durable, long lasting performance
- Unique cable selection wheel eliminates the need to change plunger tips, saving time and avoids losing parts
- Open design for easy insertion, complete compression and simple removal
- F/BNC/RCA gauge markings on tool for accurate positioning and quick adjustment of the plunger
- Spring loaded return increases user comfort and ease of use
- Integrated leverage point to assist connector installation



VDV211-063

Cat. No.	Cable Size	Connector Type	Overall Length	Weight
VDV211-063	Minicoax, RG58, RG59, RG62, RG6/6Q, RG7, RG11	F, BNC and RCA	6.25" (158.8 mm)	1.2 lb (0.5 kg)

See page 297 for additional information on warnings.

Cable Connection — Coaxial

Ratcheting Crimper Frame

- Professional CATV, electrical, home theater, satellite and security system ratcheting crimper frame with optional dies is perfect for fast, reliable connector installations
- Full-cycle ratchet action assures a complete, precise crimp every cycle
- Preset tension for optimum performance
- Ratchet mechanism is designed to prevent the release of the connector prior to full compression
- Safety crimp release helps eliminate rejected terminations due to incorrect positioning
- Steel body with black-oxide finish for corrosion resistance and durability
- Thumb-screws secure die-sets for quick, easy changes
- Optional, quick interchangeable die sets thumb and Phillips screw set available (see table)



VDV200-010

Cat. No.	Handle Color	Overall Length	Weight
VDV200-010	Black/Yellow	8.75" (222.3 mm)	1.2 lb (0.5 kg)

Coaxial Hex-Crimp Die Sets

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

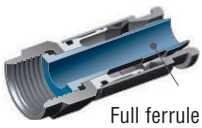
Cat. No.	Die Set	Nest Dimension	
VDV999-033	Replacement Screw Set (Thumb and Philips)	N/A	
VDV212-034	CATV F Connectors RG59 RG6	0.255"/ 0.320"/ 0.350" 6.48/ 8.13/ 8.89 mm	
VDV205-035	Insulated Terminals, AWG 10-22	AWG 22-18/ 16-14/12-10 DIN 0.5-1.0/ 1.5-2.5/ 4-6 mm	
VDV205-036	Non-Insulated Terminal or Open Barrel Terminal, AWG 10-20	AWG 20-18/ 16, 14/12-10 DIN 0.5-1.5-2.5/4 - 6 mm	

Cat. No.	Die Set	Nest Dimension	
VDV211-037	RG58/RG59/ RG6/RG62	0.256"/ 0.319"/ 0.068"/ 0.213"/ 6.50/ 8.10/ 1.73/5.41 mm	
VDV211-038	RG58/RG59/ RG6/RG62	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	
VDV201-040	RG58/RG59/ RG62/RG174 Fiber Optic	0.043"/ 0.068"/ 0.100"/ 0.137"/ 0.213"/ 0.255"/ 1.09/1.73/2.54/ 3.48/5.41/ 6.48 mm	

Cat. No.	Die Set	Nest Dimension	
VDV211-041	RG58/RG59/ RG6/RG62	0.255"/0.213"/ 0.098"/0.068"/ 0.321" 6.48/ 5.41/2.49/ 1.73/8.15 mm	
VDV201-042	RG174/ RG179/Belden 8218 and Fiber Optic	0.042"/0.068"/ 0.078"/ 0.128"/ 0.151"/0.178"/ 1.07/7.73/1.98/ 3.25/3.84/ 4.52 mm	
VDV211-043	RG8/RG11/ RG174/ RG179/RG213	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	

Standard Compression Connectors

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


Full ferrule

Cat. No.	Connector Type	Cable Type	Package Quantity
VDV812-623	F-Connector	RG6	10
VDV812-624	F-Connector	RG6	50


VDV812-623

Push-On Connectors

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


VDV812-627

Cat. No.	Connector Type	Crimping Type	Cable Type	Package Quantity
VDV812-627	F-Connector	Push-on	RG6/6Q	10

F-Splice Adapter 3 GHz

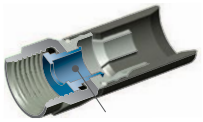
- Patented gripping mechanism for optimal signal strength


VDV814-609

Cat. No.	Package Quantity
VDV814-609	10

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


Compact ferrule

F • RG59


VDV812-615

BNC • RG59


VDV813-616

F • RG6/6Q


VDV812-606

BNC • RG6/6Q


VDV813-607

Cat. No.	Connector Type	Cable Type	Package Quantity
VDV812-615	F-Connector	RG59	10
VDV812-618	F-Connector	RG59	50
VDV812-606	F-Connector	RG6/6Q	10
VDV812-612	F-Connector	RG6/6Q	50
VDV813-616	BNC Connector	RG59	10
VDV813-619	BNC Connector	RG59	35
VDV813-607	BNC Connector	RG6/6Q	10
VDV813-613	BNC Connector	RG6/6Q	35

See page 297 for additional information on warnings.

Cable Connection — Twisted Pair

Pass-Thru™ Modular Crimper, Ratcheting

- All-in-one tool cuts, strips and crimps paired-conductor data cables
- Fast, reliable modular crimp-connector installation for Pass-Thru™ RJ45 and standard RJ11/12 applications
- Full-cycle ratchet mechanism ensures complete connector termination
- Trims flush to end face of connector to eliminate unintended contact between conductors
- On-tool wiring guide helps minimize wiring errors
- Use with Klein Tools Pass-Thru™ Connectors
- Not for use with standard (non pass-through) connectors
- Replacement blades available (Cat. No. VDV999-076)



VDV226-110



REPLACEMENT BLADE KIT
VDV999-076

Cat. No.	Cuts & Strips	Cable Size	Connector Type	Position/Pair/Conductors	Overall Length	Weight
VDV226-110	28-22 AWG (0.08 - 0.34 mm²) Paired Conductor Data Cables	CAT3, CAT5e, CAT6/6A	RJ45 Klein Tools Pass-Thru™, and RJ11, RJ12 Standard	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	6.094" (154.8 mm)	0.90 lb (0.41 kg)

Compact Pass-Thru™ Modular Crimper

- Crimps and trims Klein Tools' RJ45 Pass-Thru™ connectors
- Trims flush to end face of connector to eliminate unintended contact between conductors
- On-tool wiring guide helps minimize wiring errors
- Fast, reliable RJ45 Pass-Thru™ modular crimp-connector installation for data applications
- Use with Klein Tools Pass-Thru™ Connectors
- Not for use with standard (non Pass-Thru™) connectors
- Replacement blades available (Cat. No. VDV999-078)



VDV226-005



REPLACEMENT BLADE KIT
VDV999-078

	Cat. No.	Cuts & Strips	Cable Size	Connector Type	Position/Pair/Conductors	Overall Length	Weight
NEW	VDV226-005	—	CAT3, CAT5e, CAT6/6A	RJ45 Klein Tools Pass-Thru™	8-Position, 4-Pair/8-Conductor	5.5" (139.7 mm)	0.61 lb (0.28 kg)

Compact Ratcheting Modular Crimper

- All-in-one tool cuts, strips and crimps CAT6, CAT5e, CAT3 and flat-satin voice cables
- Crimps RJ11/12 and RJ45 modular connectors
- Full-cycle ratchet mechanism ensures complete connector termination
- Direct lateral crimp action provides more even, precise contact termination across all pins
- Compact, ergonomic design for natural, single-hand operation
- On-tool working guide helps minimize wiring errors
- Replacement blades available (Cat. No. VDV999-074)



REPLACEMENT BLADE KIT
VDV999-074



VDV226-107

Cat. No.	Cuts & Strips	Cable Size	Connector Type	Position/Pair/Conductors	Overall Length	Weight
VDV226-107	STP/UTP Data Cable Flat-Satin Phone Cable 28-22 AWG (0.08 - 0.34 mm²)	CAT3, CAT5e, CAT6	RJ11, RJ12 and RJ45 Standard	6-Position, 2 Pair/4-Conductor; 6-Position, 3-Pair/6-Conductor; 8-Position, 4-Pair/8-Conductor	5.25" (133.4 mm)	0.70 lb (0.32 kg)

See page 297 for additional information on warnings.

Cable Connection — Twisted Pair

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 RJ45, RJ11 and RJ12 modular connectors
- Crimping dies are precision ground from high-carbon steel
- Ratchet safety-release and a blade-guard on cutting and stripping knives reduce risk of injury
- Full-cycle ratchet mechanism ensures complete connector termination
- Not for use with AMP® connectors
- Replacement blade set available (Cat. No. VDV999-064)



VDV226-011-SEN



REPLACEMENT BLADE KIT
VDV999-064

Cat. No.	Cuts & Strips	Cable Size	Connector Type	Position/Pair/Conductors	Overall Length	Weight
VDV226-011-SEN	STP/UTP, Flat-Satin Phone Cable, and 22-28 AWG (0.08 - 0.34 mm²)	CAT3, CAT5e, CAT6/6A	RJ45, RJ11, RJ12 Standard	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" (190.5 mm)	0.10 lb (0.05 kg)

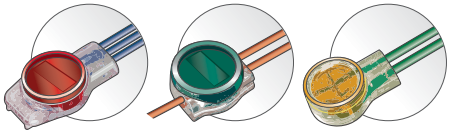
AMP® is a registered trademark of TYCO, Inc.

Long-Nose Pliers - Connector Crimping

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



VDV026-049



UR IDC
VDV826-605

UG IDC

UY IDC
VDV826-604

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Knife Length	Handle Color	Handle Finish	Weight
VDV026-049	6.8" (173 mm)	2" (51 mm)	0.7" (18 mm)	0.4 (10 mm)	0.095" x 0.125" (2.41 mm x 3.17 mm)	0.44" (11 mm)	Yellow	Plastic Dipped	0.28 lb (0.13 kg)

Scotchlok® is a registered trademark of 3M Corporation

Insulation Displacement Connectors

- Insulation displacement connector to add or terminate a telephone line
- Gel-filled for moisture resistance
- For use with Cat. Nos. VDV026-049, D234-6 and D234-6C crimping tools



UY IDC
VDV826-604 2 wire (26-22 AWG)



UR IDC
VDV826-605 3 wire (26-19 AWG)

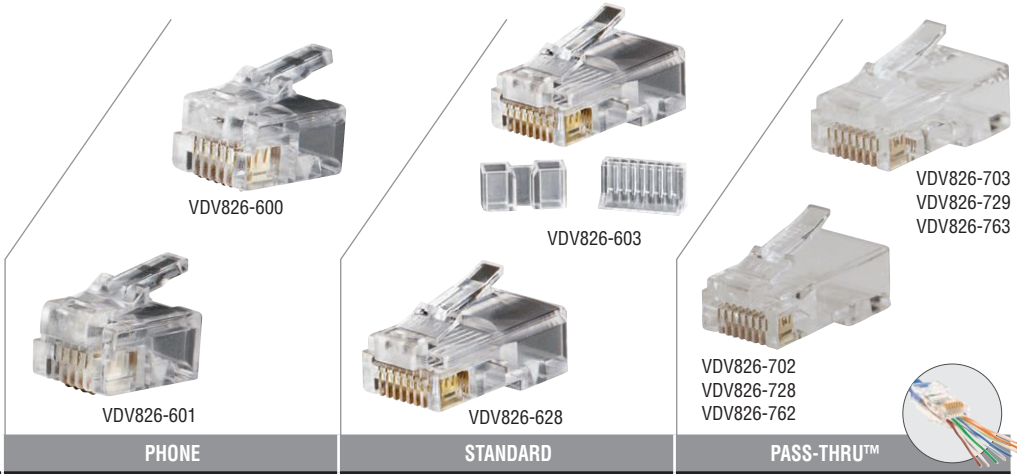
Cat. No.	Connector Type	Position & Contacts	Connector Color	Package Quantity
VDV826-604	UY	2P2C	Yellow	25
VDV826-605	UR	3P3C	Red	25

See page 297 for additional information on warnings.

Cable Connection — Twisted Pair

Twisted Pair Connectors

- Professional-grade data and telephone plugs deliver consistent, reliable performance
- Featuring thick 50 micro-inch gold plating on three-pronged contacts for solid and stranded wire. Durable connector housings for a sure connection each and every time.



	PHONE		STANDARD		PASS-THRU™	
Connector Type	**RJ11**	**RJ12**	**CAT5e**	**CAT6**	**CAT5e**	**CAT6**
Position & Contacts	6P4C	6P6C	8P8C		8P8C	
Connector Design	1-Piece		1-Piece	3-Piece	1-Piece	
Gold Plating Thickness (micro-inch)	50µ"		50µ"		50µ"	
Cat. No.						
Pack Size: 10			VDV826-628		VDV826-728	VDV826-729
Pack Size: 25	VDV826-601	VDV826-600		VDV826-603		
Pack Size: 50			VDV826-602		VDV826-702	VDV826-703
Pack Size: 100			VDV826-611			
Pack Size: 200					NEW VDV826-762	VDV826-763
Crimping Type	Modular Plug Connector					
Klein Crimping Tools	VDV226-011, VDV226-107				VDV226-110, VDV226-005	

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
- 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.	Socket Size	Handle Diameter	Overall Length	Weight
68005	3/8" and 7/16" Hex Nut	1" (25.4 mm)	7" (177.8 mm)	0.35 lb (0.16 kg)

See page 297 for additional information on warnings.

Installation Kits

VDV ProTech™ Kits

- For data and coaxial cable installations



VDV026-831



VDV011-832



VDV001-833

Cat No.	Product		Description	VDV026-831	VDV011-832	VDV001-833
2100-8		Free-Fall Snip – Stainless Steel	Stainless steel blades maintain blade durability and sharpness when cutting 19 and 23 AWG wire	●		●
63020		Multi-Cable Cutter Klein-Kurve™	Cutter has a wide range of blades designed to cut various types of cable including solid and stranded copper wire, RG-59, RG6Q and RG-62 coaxial cable as well as other conductors		●	●
VDV000-133		VDV ProTech™ Transport	Lightweight tool case with 12 organizational compartments for small parts and a large, open section to hold hand tools	●	●	●
VDV110-061		Coax Cable Stripper – 2-Level, Radial	Provides one step, two-level stripping: 5/16" (7.9 mm) and 1/4" (6.4 mm)		●	●
VDV211-048		Compression Crimper – Compact, Multi-Connector	Crimps compression (F, BNC, RCA) connectors to coaxial cable		●	
VDV211-063		Compression Crimper-Lateral, Multi-Connector	One tool crimps most compression (F, BNC, RCA) connectors to most coaxial cables including Mini-Coax, RG58, RG59, RG62, RG6Q, RG7 and RG11			●
VDV226-107		Compact Ratcheting Modular Crimper	All inclusive tool cuts, strips and crimps data cables and modular data plugs	●		●
VDV812-606		Universal F Compression Connector – RG6/6Q	Patented universal sleeve technology installs up to 5X faster and fits all diameter variations of RG6/6Q cable		● 10 pack (x2)	● 10 pack (x2)
VDV812-615		Universal F Compression Connector – RG59	Patented universal sleeve technology installs up to 2X faster and fits all diameter variations of RG59 cable		● 10 pack	● 10 pack
VDV812-623		F Compression Connector – RG6	All metal construction with dual O-ring to seal out moisture – satellite provider approved		● 10 pack (x2)	● 10 pack (x2)
VDV813-607		Universal BNC Compression Connector – RG6/6Q	Patented universal sleeve technology installs up to 5X faster and fits all diameter variations of RG6/6Q cable		● 10 pack	● 10 pack
VDV813-616		Universal BNC Compression Connector - RG59	Patented universal sleeve technology installs up to 2X faster and fits all diameter variations of RG59 cable		● 10 pack	● 10 pack
VDV826-600		Telephone Plug - RJ11 - 6P6C	Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – for 1, 2 or 3 line telephones	● 25 pack		● 25 pack
VDV826-603		Modular Data Plug – RJ45 - CAT6	Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – 8 position, 8 contact 3-piece design for solid and stranded wire	● 25 pack		● 25 pack
VDV826-628		Modular Data Plug – RJ45 - CAT5e	Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – 8 position, 8 contact for solid or stranded wire	● 10 pack (x2)		● 10 pack (x2)

See page 297 for additional information on warnings.

Coaxial Installation Kits

Coax Cable Installation Kit with Hip Pouch

NEW Product

- Includes all the tools needed to cut, strip and crimp compression F-connectors to RG59/RG6/6Q cables
- Custom molded freestanding hip pouch with durable metal belt clip
- Multi-Cable Cutter has precision shear-type blades for easier cutting and double-dipped comfort grips with curved handles
- Radial Stripper with 2-level, one step prep has durable high-carbon steel pre-set cutting blades for precise, accurate cable stripping
- Compression Crimper features a fixed plunger for quick, easy insertion and removal of cable and connector
- Works with many commonly available compression F-connectors



VDV011-852

	Cat. No.	Kit Contains	Weight
NEW	VDV011-852	Coax Cable Installation Kit with Hip Pouch	1.6 lb (0.73 kg)

Cat. No.	Description
VDV110-061	Coax Cable 2-Level Radial Stripper
VDV212-008-SEN	Compact Compression Crimper, F-Connector
63020	Multi-Cable Cutter Klein-Kurve®

Coax Cable Installation Kit with Zipper Pouch

NEW Product

- Everything needed to prep and connect RG59/RG6/6Q coax cables with F-Connectors
- Includes a cable cutter, radial stripper, crimper, universal connectors and a zipper pouch for storage
- Multi-Cable Cutter has precision shear-type blades for easier cutting and double-dipped comfort grips with curved handles
- Radial Stripper with 2-level, one step prep has durable high-carbon steel pre-set cutting blades for precise, accurate cable stripping
- Crimper crimps compression F-Connectors to coaxial cable; fixed plunger allows quick, easy insertion and removal of cable and connector
- Includes 6 Universal RG6/6Q F-Compression Connectors (also available as a 10-pack, Cat. No. VDV812-606)
- Polyester zipper bag 7" x 12-1/2" (178 x 318 mm) keeps all components together



VDV026-211

	Cat. No.	Kit Contains	Weight
NEW	VDV026-211	Coax Cable Installation Kit with Zipper Pouch	1.5 lb (0.7 kg)

Cat. No.	Description
63020	Multi-Cable Cutter Klein-Kurve®
VDV110-061	Coax Cable 2-Level Radial Stripper
VDV212-008-SEN	Compact Compression Crimper, F-Connector
VDV812-606	Universal F Compression Connectors RG6/6Q 10-Pack

Coaxial Installation and Test Kits

Coax Installation & Test Kit

- Includes tools needed to prepare, connect and test coax cables
- Radial Stripper designed for easy single operation cable preparations
- Crimper crimps compression F-connectors to coaxial cable quickly and reliably
- Coax Explorer™ 2 Tester tests and verifies coaxial cable connections (good/open/short)
- Universal F-Compression Connectors - RG6/6Q: Patented design installs up to 5X faster

Cat. No.	Kit Contains	Weight
VDV002-818	Coax Cable Installation & Test Kit	1.1 lb (0.5 kg)

Cat. No.	Description
VDV212-008-SEN	Compact Compression Crimper, F-Connector
VDV110-061	Coax Cable 2-Level Radial Stripper
VDV512-100	Coax Explorer® 2 Tester
VDV812-606	Universal F Compression Connectors RG6/6Q 10-Pack



VDV002-818

Coax Push-On Connector Installation & Test Kit

- Includes tools needed to prepare and test push-on coax cables
- Radial Stripper designed for easy single operation cable preparations
- Coax Explorer™ 2 Tester tests and verifies coaxial cable connections (good/open/short)
- Push-On F-Connectors feature patented cable grip design for easy installation and strong hold with no tool required

Cat. No.	Kit Contains	Weight
VDV002-820	Coax Push-On Connector Installation and Test Kit	0.28 lb (0.13 kg)

Cat. No.	Description
VDV110-061	Coax Cable 2-Level Radial Stripper
VDV512-100	Coax Explorer® 2 Tester
VDV812-627	Push-On F Connectors RG6/6Q 10-Pack



VDV002-820

Twisted Pair Installation Kits

Modular Installation Kit

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

Cat. No.	Kit Contains	Weight
VDV226-817	Modular Installation Kit	0.76 lb (0.34 kg)

Cat. No.	Description
VDV226-011-SEN	Ratcheting Modular Crimper/Stripper
VDV826-628	Modular Data Plugs, RJ45, CAT5e, 10-Pack
Kit exclusive	Telephone Plugs, RJ11, 10-Pack



VDV226-817

See page 297 for additional information on warnings.

Twisted Pair Installation Kits

Twisted Pair Installation Kit with Zipper Pouch

- All the tools needed to strip, crimp, and punch down, to connect modular cables, plus a zippered pouch to keep everything together
- Radial Stripper (Cat. No. VDV110-261) with durable high-carbon steel blade automatically adjusts to cable diameter to avoid damaging conductors
- Ratcheting Modular Crimper/Stripper (Cat. No. VDV226-011) cuts, strips and crimps data cables
- 110-Type Punchdown Tool with Klein's exclusive DuraBlade™ precision cutting edge for clean, accurate wire termination
- RJ45-CAT5e Modular Data Plugs (6-Pack)
- Polyester zipper bag keeps everything together
- RJ45-CAT5e Modular Data Plugs also available as a 25-pack (Cat. No. VDV826-603)



VDV026-212

	Cat. No.	Kit Contains	Weight
NEW	VDV026-212	Twisted Pair Installation Kit with Zipper Pouch	1.3 lb (0.6 kg)

Cat. No.	Description
VDV110-261	Twisted Pair Radial Stripper
VDV226-011	Ratcheting Modular Crimper/Stripper
Kit Exclusive	110 Punchdown tool
Kit Exclusive	CAT5e, RJ45 connectors, 6-Pack

Twisted Pair Installation and Test Kits

LAN Installer Starter Kit - Modular

- Includes the tools needed to prepare, connect and test modular data 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 (not included)
- Tunnel-loop accommodates up to 2" belt



VDV026-812

Cat. No.	Kit Contains	Weight
VDV026-812	LAN Installation and Tester Starter Kit	1.5 lb (0.7 kg)

Cat. No.	Description
2100-8	Free-Fall Snip Stainless Steel
VDV226-011-SEN	Ratcheting Modular Crimper/Stripper
VDV526-052	LAN Scout Jr. Continuity Tester
98554	Fine Point Permanent Markers, Pk 2
Kit exclusive	5-pocket nylon pouch plus closeable consumables pocket

See page 297 for additional information on warnings.

Cable Testers

Pocket Continuity Tester for Coax Cable

- Simple compact wire tracing of coaxial cables
- Identifies and tests cable drops for pass, short faults and location via audible beep and LED indicators
- LED lights green on a correctly made cable drop, red for short fault
- Remote contains loud audible beep for easy location identification
- Replaceable AAA Alkaline battery, included
- Female to female F-adapter (included) enables testing of loose cables and installed cable runs
- Docked remote switches tester off to conserve battery life
- Pocket clip secures tester to shirt pocket



VDV512-007

	Cat. No.	Location ID	Batteries	Included	Weight
NEW	VDV512-007	1	1 x AAA	F-adapter, Pocket Clip, Battery	4.8 oz (136 g)

Coax Explorer™ 2 Testers

- Test coaxial cable and map up to 4 locations
- Simple push button operation
- Easy to read LED panel indicates PASS, OPEN or SHORT conditions, simplifying cable identification
- (2) Replaceable AAA Alkaline batteries, included
- Push-on remotes for ease of use
- Cat. No. VDV512-101 includes a removable holder with 4 color coded remotes to trace up to 4 locations at the same time



REMOTE REPLACEMENT KIT
VDV512-110



VDV512-100



VDV512-101

Cat. No.	Cable Type	Test-n-Map ID Remotes	Location ID	Batteries	Display	Included	Weight
VDV512-100	RG59, RG6/6Q, RG7, RG11	(1) Red Remote (included)	1	2 x AAA	LED	Batteries, Red Remote	3.0 oz (85g)
VDV512-101	RG59, RG6/6Q, RG7, RG11	4 (Included)	4	2 x AAA	LED	Batteries, 4 Colored Push-on Remotes, F-adapter, Snap-on Remote Holder	4.8 oz (136 g)

LAN Scout™ Jr. Tester

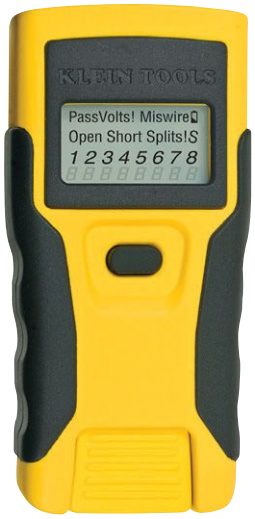
- Tests continuity on twisted pair data wiring (RJ45) connections
- Tone generator with 4 distinct tones
- Heavy-duty ports are designed for long life and repeated connections
- Large display with pin-to-pin wire map for easy identification
- Compact, contoured dual-material chassis fits comfortably in your hand
- Remote stores in tester



RJ45 Port



Self Storing Remote



VDV526-052

Features		VDV526-052
	RJ45 8-wire Cables	●
	Continuity Testing	●
Pass	TIA-568A/B & Crossover/Uplink	●
LCd	LCD Display	●
1 2 3 4 / 1 2 3 4	Wiremap	●
	Open Fault	●
	Short Fault	●
	Miswire Fault	●
	Split Pair Fault	●
	Tones	4
	Self-Storing Remote	●
	Low Battery	●
Apo	Auto Power Off	●
	Voltage Warning	●
	Shield Detection	●

Cat. No.	Cable Type	Test-n-Map ID Remotes	Location ID	Batteries	Display	Included	Weight
VDV526-052	CAT3, CAT5/5e, CAT6/6A	—	—	6V to 4 x LR44 Alkaline	LCD	Batteries	0.25 lb (0.11 kg)

See page 297 for additional information on warnings.

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

Cable Testers

VDV Ranger™ TDR Kit

- Measure paired-conductor data cable length up to 3,000 ft. (914 m) including voice, data, video, doorbell, siamese, lamp-wire and NM cables
- Time Domain Reflectometry Spread Spectrum (TDR-SS) Technology provides superior accuracy up to +/-(1% + 3 ft) by eliminating interference when measuring cable
- Measure cable remaining in box or on a reel
- Determine if cable run is broken or damaged
- 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)
- Tone Generator traces and identifies cables†
- Simplify cable estimating and bill jobs more accurately

Features		VDV501-815
Interface		Multi-Adapter Set
Measures Cable Length		●
Length Measurement Method	TDR-SS Spread Spectrum Time Domain Reflectometry	●
Accuracy & Resolution Measurement	±(1% + 3 ft.) ± (1% + 1 m)	●
Maximum Cable Length		**3,000 ft. / 914 m**
Common Cable Length Ranges	Must be paired conductors	
RJ45 8-Cables		**0 - 1,500 Ft.** (457 m)
Coaxial Cable		**0 - 2,000 Ft.** (609 m)
Electrical Cable		**0 - 1,000 Ft.** (305 m)
Imperial & Metric Results	Ft./m	●
On-Board Calibration Memory	MEM	2 Storage Locations
Open Fault		●
Short Fault		●
Tones†		4
Display		2.25" (57 mm) Backlit LCD
Voltage Warning		●
Low Battery		●
Auto Power Off	Apo	●



VDV501-815



Includes custom designed polyester carrying case.

Cat. No.	Batteries	Battery Life	Included	Weight
VDV501-815	(4) AA Alkaline Batteries Included	15 Hours Active, 4 Years Standby	Tester, Adapter Cord Set (BNC to F-connector adapter, F-connector adapter, Insulated Push-on F-connector to alligator clips; Insulated BNC Connector to alligator clips; Insulated Push-on F-Connector to RJ45 plug) and Carrying Case	0.75 lb (0.34 kg)

†Requires analog tone tracing probe VDV500-060 (sold separately).

See page 297 for additional information on warnings.

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

Cable Testers

VDV Commander™

- Locate, test and measure coaxial, data (RT45) and telephone (RJ11/RJ12) cables
- Measure cable length and Distance-to-Fault with Time Domain Reflectometry (TDR) technology
- Locate and identify cables with location ID remotes, Test-n-Map™ remotes, Link Light and Tone Generator†
- Detect, identify and test Power-over-Ethernet (PoE)
- Perform active network (Ethernet) testing
- Store up to 256 cable or network tests that can be exported to print reports
- Tester battery life of 20 hours active and 4 years standby
- Probe battery life of 25 hours active and 4 years standby



Features		
	RJ-45 8-Wire Cables	●
	F-connector Coaxial Cables	●
	Telephone Cables	**with adapter**
1 2 3 4 / 1 2 3 4	Wiremap	●
	Open Fault	●
	Short Fault	●
1 2 / 1 2	Miswire Fault	●
	Split-Pair Fault	●
Pass	TIA-568A/B & Crossover/Uplink	●
	Active Ethernet - Detects link speed and capabilities	●
	Single-End Cable Testing	●
	Test-n-Map™ Remote (Two End Testing) - Test and Indentify location in one step with remote	**supports up to 8**
PoE	Power-Over-Ethernet Testing	●
TDR	Time Domain Reflectometry - Length Measurement Method	●
	Measures Cable Length	**1500 ft. / 457 m**
±(5% + 1 Ft.) ±(5% + 0.3 m)	Accuracy/ Measurement Resolution	●
	Link Light	●
ID	Cable Identification (Coaxial & Data)	**supports up to 20**
	Shield Detection	●
	Voltage Warning	●
	Low Battery Indicator	●
	Store Test Results	**256**
	Print / Export Custom Reports	●
	Tones* (Down to Single Conductor/Pair/Cable)	**4**
	Color LCD Display	**2.7" (68.6 mm)**
	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)	●

VDV Commander™ Kits



VDV501-828



VDV501-829

CE

Cat. No.	Cable Type	Test-n-Map ID Remotes	Location ID	Batteries	Display	Included	Weight
VDV501-828	RG59, RG6/6Q, RG7/11, CAT3, CAT5, CAT6/6A	1	5	6 x AA	LCD	Tester, Test-n-Map Remote #1, (5) LanMap ID Remotes, (5) CoaxMap ID remotes, USB/RJ12/RJ45 Test Cables, Coax Adapter, (6) AA Batteries, Carrying Case	12 oz (340 g)
VDV501-829	RG59, RG6/6Q, RG7/11, CAT3, CAT5, CAT6/6A	1	20	Commander: 6 x AA Alkaline Probe: 1 x 9V Alkaline	LCD	Tester, Probe, Test-n-Map Remote #1, (20) LanMap ID Remotes, (20) CoaxMap ID remotes, USB/RJ12/RJ45 Test Cables, Coax Adapter, (6) AA Batteries, 9V Battery, Carrying Case	12 oz (341 g)

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

See page 297 for additional information on warnings.

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

Cable Testers

VDV Scout™ Pro 2 Series

Features		VDV Scout™ Pro 2 VDV501-098	VDV Scout™ Pro 2 LT VDV501-108
	Tests RJ45 8-wire cables	●	●
	Tests RJ11/12 6-wire cables	●	●
	Tests F-connector coaxial cables	●	●
	Continuity testing	●	●
Pass	TIA-568A/B & crossover/uplink	●	●
1 2 3 4 / 1 2 3 4	Wiremap	●	●
	Detects open faults	●	●
	Detects short faults	●	●
	Detects miswires	●	●
	Detects split pairs	●	●
	Measures cable length	—	●
	Test-n-Map™ Remotes	Supports up to 8	Supports up to 8
ID	Twisted-pair (RJ45) cable ID location remotes	Supports up to 19	Supports up to 19
	Coaxial F-connector cable ID location remotes	Supports up to 19	Supports up to 19
	Tones	4	4
	Low battery indicator	●	●
	Voltage warning	●	●
	Shield detection	●	●
Apo	Auto power off	●	●
Kit Cat.No.		VDV501-823 VDV501-824	VDV501-825 VDV501-826

Top View: RJ45, RJ11/12 and F-connector ports





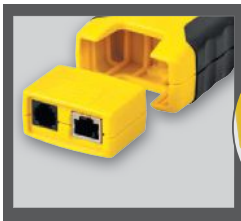
VDV Scout™ Pro 2 with Self-Storing Remote



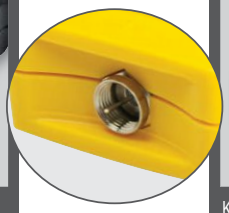
VDV Scout™ Pro 2 with Test-n-Map™ Remote



VDV Scout™ Pro 2 LT with Test-n-Map™ Remote



Kit VDV501-823 Kit Self Storing Remote



Coax interface on opposite end



Kits VDV501-824, VDV501-825, VDV501-826 Test-n-Map™ Self Storing Remote

Cat. No. VDV501-098 and VDV501-108 are only available as part of the kits shown on the next page. They are not available for individual purchase.

See page 297 for additional information on warnings.

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

Cable Testers

VDV Scout™ Pro 2 Series Kits

- Tests continuity on voice (RJ11/12), data (RJ45) and video (F-connector) connections
- Locates cable runs to wall outlets with location ID remotes
- Compatible with single-step Test-n-Map™ Remotes
- Supports multiple tones and control of pins carrying tone with integrated tone generator†
- Measures cable length in feet or meters (LT models only)

Items Included / Cat.No.	VDV Scout™ Pro 2 Tester Kit VDV501-823	VDV Scout™ Pro 2 Tester & Test-n-Map™ Remote Kit VDV501-824	VDV Scout™ Pro 2 LT Tester & Remote Kit VDV501-825	VDV Scout™ Pro 2 LT Tester & Test-n-Map™ Remote Kit VDV501-826	VDV Scout™ Pro 2 Test-n-Map™ Remote Kit VDV770-827
VDV Scout™ Pro 2 Tester	VDV501-098	VDV501-098	–	–	–
VDV Scout™ Pro 2 LT Tester	–	–	VDV501-108	VDV501-108	–
Test-n-Map™ Remotes	–	8	1	8	8
LanMap™ Cable Identification Location Remotes	5	–	19	–	–
CoaxMap™ Cable Identification Location Remotes	5	–	19	–	–
Coax barrel F adapter (female to female)	1	1	1	1	–
Coax push-on F adapter (threaded male to push-on female)	–	8	–	8	8
RJ45 jumper test cable (9")	–	8	–	8	8
9V battery	●	●	●	●	
Carrying case	–	●	●	●	●

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



VDV Scout™ Pro 2 Tester Kit
VDV501-823



VDV Scout™ Pro 2 LT Tester & Remote Kit
VDV501-825



VDV Scout™ Pro 2 Test-n-Map™ Remote Kit
VDV770-827



VDV Scout™ Pro 2 Tester & Test-n-Map™ Remote Kit
VDV501-824



VDV Scout™ Pro 2 LT Tester & Test-n-Map™ Remote Kit
VDV501-826



Carrying case is also available separately
VDV770-080

See page 297 for additional information on warnings.

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

Cable Tester Accessories

Test-n-Map™ Remote Kit for VDV Commander™ Series

- Test, map and identify a location in a single step
- Cuts testing and identification time in half
- Test and identify up to eight locations at once



CE

Cat. No.	Included	Weight
VDV770-834	(7) Test-n-Map™ Remotes, (8) Coax Push-on F Adapters, (8) RJ45 Jumper Test Cables, (2) RJ11/RJ12 Jumper Cables, Verification Cable, Zipper Pouch	1.4 lb (0.6 kg)

Tester sold separately.

Test-n-Map™ Remotes

- Replacement remotes to test, map and identify a location in a single step
- Pin-to-Pin testing of RJ45 data, RJ11/RJ12 voice and mapping of F-connector coax connections
- For use with the Scout Pro™ and Commander™ Series of testers (sold separately)
- Remotes are numbered and identifiable by tester for fast, accurate tracing/mapping of locations



Cat. No.	Description	For Use With	Weight
VDV501-111	Test-n-Map™ ID Remote #1	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	1.4 oz (39.7 mm)
VDV501-112	Test-n-Map™ ID Remote #2	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	1.4 oz (39.7 mm)
VDV501-113	Test-n-Map™ ID Remote #3	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	1.4 oz (39.7 mm)
VDV501-114	Test-n-Map™ ID Remote #4	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	1.4 oz (39.7 mm)
VDV501-115	Test-n-Map™ ID Remote #5	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	1.4 oz (39.7 mm)
VDV501-116	Test-n-Map™ ID Remote #6	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	1.4 oz (39.7 mm)
VDV501-117	Test-n-Map™ ID Remote #7	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	1.4 oz (39.7 mm)
VDV501-118	Test-n-Map™ ID Remote #8	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	1.4 oz (39.7 mm)

LanMap™ Kit and CoaxMap™ Kit

- Identify and map twisted-pair (RJ45) infrastructure (Cat. No. VDV526-055) or coaxial (F-connector) cable infrastructure (Cat. No. VDV512-056), up to 19 locations
- For use with VDV Scout™ Pro Series and VDV Commander™ testers
- Heavy-duty design for long life and repeated connections
- Remotes numbered and identifiable by tester 1 through 19 for fast and accurate identification



VDV512-056



VDV526-055

CE

Cat. No.	Description	For Use With	Weight
VDV526-055	LanMap™ Kit	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	0.12 lb (0.05 kg)
VDV512-056	CoaxMap™ Kit	Scout Pro™ Series (VDV501-823; -824; -825; -826; -827) and Commander Series (VDV501-828; -829)	0.33 lb (0.15 kg)

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

Tone & Probe

TONEcube & PROBEplus Kit

- Trace wire paths and identify cables in common wiring systems
- Uses a 9-volt alkaline battery (not included)
- Five unique tracing tones
- Zip pouch for storage

Cat. No.	Kit Contains	Weight
VDV500-808	TONEcube & PROBEplus Tone and Probe Tracing Kit	1.0 lb (0.5 kg)

Cat. No.	Description
VDV500-051	TONEcube Tone Generator
VDV500-060	PROBEplus Tone Tracing Probe



VDV500-808

PROBEplus-Tone Tracing Probe

- Trace wire paths and identify cables in common wiring systems
- Amplifier overload LED improves accuracy, warning against misreads
- Dual mode power button with Power-On LED indicator - tap or hold
- Recessed buttons prevent accidental operation
- Works with other manufacturers' analog tone generators
- Replacement tips available (Cat. No. VDV999-065)



VDV500-060

Features	VDV500-060
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	●

Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
VDV500-060	9V (Not Included)	1.141" (29 mm)	9.906" (251.6 mm)	2" (50.8 mm)	0.38 lb (0.17 kg)

TONEcube-Tone Generator

- Alligator clips for unterminated cable
- Single modular RJ12 plug for direct connection to RJ11/RJ12 or RJ45 jacks.
- Transmits five discrete tracing tones
- Constant output level over useful battery life
- Momentary slide switches prevent accidental operation
- Works with other manufacturers' analog tone probes



VDV500-051

Features	VDV500-051
Tones	5
Heavy-Duty Leads	●
Rugged Universal RJ11/RJ12/RJ45 Modular Plug	●
Continuity Testing	●
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.	Batteries	Overall Length	Overall Height	Overall Width	Weight
VDV500-051	9V (Not Included)	1.422" (36.1 mm)	2.703" (68.7 mm)	2.5" (63.5 mm)	0.31 lb (0.14 kg)

See page 297 for additional information on warnings.

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

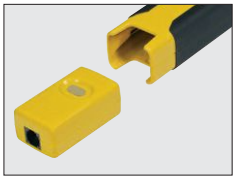
Tone & Probe

TraceAll™ Tone & Probe

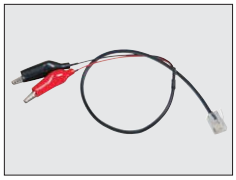
- Trace wire paths and identify cables in common wiring systems
- Heavy-duty RJ11 jack on tone generator for long life and repeated connections
- Includes RJ11 adapter to convert tone generator to an alligator-clip configuration
- Dual material chassis fits comfortably in your hand
- Replacement tips available (Cat. No. VDV999-059)
- Replacement adapter cable available (Cat. No. VDV999-067)



VDV526-054



Self Storing Tone Generator



Adapter

Features	VDV526-054
Tone Generator	2
Adjustable Volume	●
Self-Storing Remote	●
Auto Power-Off	●
Replaceable Tip	●

Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
VDV526-054	6V 4 x LR44 Alkaline (Included)	1.203" (30.6 mm)	8.891" (225.8 mm)	1.703" (43.3 mm)	0.31 lb (0.14 kg)

Punchdown Tools

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" (51 mm) belt



VDV027-813

Cat. No.	Kit Contains	Weight
VDV027-813	LAN Installer Starter Kit, Punchdown	0.88 lb (0.40 kg)

Cat. No.	Description
2100-8	Free-Fall Snip Stainless Steel
VDV427047	Punchdown Multi-Tool Chassis
VDV427-015-SEN	110 Punchdown Blade
VDV427-104	Dura-Blade™ 110/66 Cut Punchdown Blade
98554	Fine Point Permanent Markers, Pk 2

Punchdown Screwdriver Multi-Tool

- Terminate and cut wire in one step with 110/66 combination cut-type punchdown blade with precision ground cutting edge
- Non-impact wire termination
- Machine-tooled steel bits for superior strength
- Heavy-duty blade barrel provides storage for bits
- Bayonet-style (twist & lock) socket accepts most manufacturers' punchdown blades
- Cushion-Grip handle for greater torque and enhanced comfort
- Tip-Ident™ for quick identification of tool



VDV001-081

US Patent: 8856994

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Hex Bits	Other Bits	Overall Length	Weight
VDV001-081	1/4", 3/8"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	3/8"	66/110 Terminate and Cut	8" (203.2 mm)	0.59 lb (0.27 kg)

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

Punchdown Tools

Cushion-Grip Impact Punchdown Tools

- 4-piece tool kit for termination of 110/66 panels, cross-connect systems and wall jacks
- Punchdown Tool (Cat. No. VDV427-821) includes a "Hi/Lo" impact functionality to adjust compression force on various wire gauges, blocks and jacks (US Patent D718585)
  - Integrated, extra-long shaft for reaching into bulky/crowded blocks and a heavy-duty metal collar for strength and longevity
  - Cushion-Grip handle reduces hand fatigue and provides superior comfort
- Wire Pick (Cat. No. VDV327-103) used to pick-up, separate or remove wires, small components, covers or debris from panels, blocks or jacks
  - Features a metal hook end with non-conductive spodger and body to prevent shorts
- Dura-Blade (Cat. No. VDV427-104) manufactured using a metal injecting molding (MIM) technology for better quality, durability and performance
  - Blade has both 110 and 66 cut/terminate edges for clean, accurate wire insertion and trimming and is compatible with most bayonet style (twist & lock) socket punchdown tools
- Kit-exclusive Multi-Pocket Pouch features a metal belt clip and a reinforced puncture-resistant bottom



VDV427-822

Cat. No.	Set Contains	Weight
VDV427-822		0.93 lb (0.42 kg)

Cat. No.	Description	Configuration End 1	Configuration End 2
VDV427-821	Cushion-Grip Impact Punchdown Tool w/Dura-Blade™	110 Terminate and Cut	66 Terminate and Cut
VDV327-103	Wire Pick	Metal Hook End	Non-Conductive Spudger End
VDV427-104	Dura-Blade™ 110/66 Cut Punchdown Blade	110 Terminate and Cut	66 Terminate and Cut

Items also sold separately

Punchdown Multi-Tool with 110/66 Blade and WorkEnds™ Kit

- Terminate and cut wire in one step with precision ground-combination 100/66 blade (included)
- Workends™ Kit converts chassis into a multi-bit driver with four driver bits (#1/#2 Phillips; 3/16"/1/4" Slotted), adapter and reach extension
- Selectable (Hi/Low) impact-force settings adjust compression force
- Spring loaded for fast, low effort seating and terminating
- Integrated hook and spudger easily manipulates wire and small components and stores in chassis
- Locking impact mechanism allows for operation and sure driving with a variety of optional WorkEnds™ driver bits
- Blade storage compartment with spring loaded locking mechanism
- Replacement blades/accessories available



VDV427-807



INTEGRATED HOOK AND SPUDGER STORE IN CHASSIS

Cat. No.	Set Contains	Weight
VDV427-807		0.47 lb (0.21 kg)

Cat. No.	Description	Configuration End 1	Configuration End 2
VDV427-104	Dura-Blade™ 110/66 Cut Punchdown Blade	110 Terminate and Cut	66 Terminate and Cut
VDV770-050	WorkEnds Kit for VDV427-047	Proprietary Magnetic Hex	1/4" Female Hex

See page 297 for additional information on warnings.

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

Punchdown Tools

Impact Punchdown Tools

- Terminate cable in variety of cross-connect panels, blocks and keystone jacks
- Spring loaded for fast, low effort seating and terminating
- Selectable (Hi/Low) impact-force settings
- Rubber finger grips and boot provide greater control and enhanced comfort
- Blade storage compartment with spring loaded locking mechanism
- Bayonet style (twist & lock) socket accepts most manufacturers' tools and blades
- Induction-hardened high-carbon steel for durability and long life
- Replacement blades available



VDV427-800


VDV427-104


VDV427-015-SEN

Cat. No.	Set Contains				Weight
VDV427-800-SEN	Impact Punchdown Tool, 110/66 Blade				0.44 lb (0.20 kg)
	Cat. No.	**Description**	**Configuration End 1**	**Configuration End 2**	
	VDV427-013	Impact Punchdown Tool	-	-	
	VDV427-104	Dura-Blade™ 110/66 Cut Punchdown Blade	110 Terminate and Cut	66 Terminate and Cut	
Cat. No.	**Set Contains**				**Weight**
VDV427-805-SEN	Impact Punchdown Tool, 110 Blade				0.10 lb (0.05 kg)
	Cat. No.	**Description**	**Configuration End 1**	**Configuration End 2**	
	VDV427-013	Impact Punchdown Tool	-	-	
	VDV427-015-SEN	110 Punchdown Blade	110 Terminate	110 Terminate and Cut	

Punchdown Accessories

- Blades compatible with Klein® punchdown tools and other bayonet style (twist & lock) socket tools
- Precision ground cutting-edge for clean, precise wire termination (depending on blade type)
- Terminate, and adjust cable in variety of cross-connect panels, blocks and keystone jacks
- Induction-hardened high-carbon steel blades for durability and long life
- Reversible blades with termination/cutting ends and termination only ends (depending on blade type)
- WorkEnds™ Kit converts the Punchdown Multi-Tool chassis (Cat. No. VDV427-047) into a multi-bit driver
- Wire Pick (Cat. No. VDV327-103) is a professional pick/probe/spudger for precise maintenance of wires on blocks or jacks


VDV427-015-SEN


VDV427-016-SEN


VDV427-104


VDV770-050†


VDV327-103

Cat. No.	Description	Configuration End 1	Configuration End 2	Weight
VDV327-103	Wire Pick	Metal Hook End	Non-Conductive Spudger End	0.10 oz (2.8 g)
VDV427-015-SEN	110 Punchdown Blade	110 Terminate	110 Terminate and Cut	0.10 lb (0.05 kg)
VDV427-016-SEN	66 Punchdown Blade	66 Terminate	66 Terminate and Cut	0.6 oz (17 g)
VDV427-104	Dura-Blade™ 110/66 Cut Punchdown Blade	110 Terminate and Cut	66 Terminate and Cut	0.61 oz (17.3 g)
VDV770-050	WorkEnds Kit for VDV427-047	Proprietary Magnetic Hex	1/4" Female Hex	1.4 oz (40 g)

†WorkEnds™ Kit is only compatible with VDV427-047, VDV427-806 and VDV427-807.

See page 297 for additional information on warnings.
⚠**WARNING:** Do NOT use on energized circuits or cabling systems.



Test & Measurement

Crafted for optimum durability, reliability and functionality, our line of test and measurement equipment is engineered with the user in mind. Designed for, and by electricians, our electrical testers provide the latest in innovative, time-saving features that professionals require.

For Professionals...
Since 1857™

Clamp Meters



NEW CL900	CL800	CL700	CL600	NEW CL450	NEW CL380	CL312	CL210	CL110
• Auto-ranging • True root mean square (TRMS) • 2000A AC/DC current • AC/DC voltage • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes • Low Impedance (LoZ) mode • Inrush Current • NCVT	• Auto-ranging • True root mean square (TRMS) • 600A AC/DC current • AC/DC voltage • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes • Temperature • Low Impedance (LoZ) mode • NCVT	• Auto-ranging • True root mean square (TRMS) • 600A AC current • AC/DC voltage • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes • Temperature • Low Impedance (LoZ) mode • NCVT	• Auto-ranging • True root mean square (TRMS) • 600A AC current • AC/DC voltage • Resistance • Continuity • Tests diodes • NCVT	• Auto-ranging • True root mean square (TRMS) • 600A AC current • AC/DC voltage • AC+DC Voltage • DC Microamps • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes • Differential Temperature • Temperature Callibration • Inrush Current • Low Impedance (LoZ) mode • Low Pass Filter • NCVT	• Auto-ranging • True root mean square (TRMS) • 400A AC/DC current • AC/DC voltage • DC Microamps • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes • Temperature • NCVT • Reverse Contrast Display	• Auto-ranging • True root mean square (TRMS) • 400A AC current • AC/DC voltage • DC Microamps • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes	• Auto-ranging • 400A AC current • AC/DC voltage • Resistance • Continuity • Temperature	• Auto-ranging • 400A AC current • AC/DC voltage • Resistance • Continuity
• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • 2 x AAA Batteries	• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • Thermocouple with adapter • 2 x AAA Batteries	• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • Thermocouple with adapter • 2 x AAA Batteries	• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • 2 x AAA Batteries	• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • 2 Type K thermocouples • 3 x AAA Batteries	• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • Thermocouple • 3 x AAA Batteries	• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • Thermocouple • 3 x AAA Batteries	• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • Thermocouple • 3 x AAA Batteries	• Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • 3 x AAA Batteries
CATIV 600 V, CATIII 1000V, CE	CATIV 600 V, CATIII 1000V, CE	CATIV 600 V, CATIII 1000V, CE	CATIV 600 V, CATIII 1000V, CE	CATIV 600 V, CATIII 1000V, CE	CATIII 600V, CE	CATIII 600V, CE	CATIII 600V, CE	CATIII 600V, CE
2.00" (50.4 mm)	1.38" (34.9 mm)	1.38" (34.9 mm)	1.38" (34.9 mm)	2.00" (50.4 mm)	1.12" (28.6 mm)	1.12" (28.6 mm)	1.12" (28.6 mm)	1.12" (28.6 mm)
10.39" (263.9 mm)	9.09" (231.0 mm)	9.09" (231.0 mm)	9.09" (231.0 mm)	10.00" (254.0 mm)	8.70" (221.1 mm)	8.70" (221.1 mm)	8.70" (221.1 mm)	8.70" (221.1 mm)
3.90" (99.1 mm)	3.81" (96.9 mm)	3.81" (96.9 mm)	3.81" (96.9 mm)	3.77" (95.8 mm)	3.02" (76.6 mm)	3.02" (76.6 mm)	3.02" (76.6 mm)	3.02" (76.6 mm)
1.70" (43.3 mm)	1.55" (39.3 mm)	1.55" (39.3 mm)	1.55" (39.3 mm)	1.59" (40.4 mm)	1.61" (40.9 mm)	1.61" (40.9 mm)	1.61" (40.9 mm)	1.61" (40.9 mm)
1.10 lb (485.0 g)	0.78 lb (350.0 g)	0.74 lb (330.0 g)	0.74 lb (330.0 g)	0.78 lb (350.0 g)	0.60 lb (270.0 g)	0.63 lb (290.0 g)	0.63 lb (290.0 g)	0.63 lb (290.0 g)

Specifications are subject to change.
See page 297 for additional information on warnings.

See warning section on page 196 for important safety information regarding clamp meters



Clamp Meters

FEATURES	NEW CL900	CL800	CL700	CL600	NEW CL450	NEW CL380	CL312	CL210	CL110
Drop Protection	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	3.3 ft. (1 m)	3.3 ft. (1 m)	3.3 ft. (1 m)
Ingress Protection	IP40	IP40	IP40	IP40	–	–	–	–	–
Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V
AC Voltage (Volts)	1000V	1000V	1000V	1000V	1000V	600V	600V	600V	600V
DC Voltage (Volts)	1000V	1000V	1000V	1000V	1000V	600V	600V	600V	600V
AC + DC Voltage	–	–	–	–	●	–	–	–	–
AC Current (Amps)	2000A	600A	600A	600A	600A	400A	400A	400A	400A
DC Current (Amps)	2000A	600A	–	–	–	400A	–	–	–
Ohms (Resistance)	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	40MΩ	40MΩ	20MΩ	20MΩ
AC Millivolts	–	–	–	–	–	●	–	●	●
DC Millivolts	●	●	●	●	●	●	●	●	●
DC Microamps	–	–	–	–	●	●	●	–	–
True RMS	●	●	●	●	●	●	●	–	–
Audible Continuity	●	●	●	●	●	●	●	●	●
Backlight	●	●	●	●	●	Reverse Contrast Display	●	●	●
Temperature	–	-14° – 1000°F (-26° – 538°C)	-14° – 1000°F (-26° – 538°C)	–	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	–
Differential Temperature	–	–	–	–	●	–	–	–	–
Digital Temperature Calibration	–	–	–	–	●	–	–	–	–
Low Impedance	●	●	●	–	●	–	–	–	–
Low-Pass Filter	–	–	–	–	●	–	–	–	–
Inrush Current	2000A	–	–	–	600A	–	–	–	–
Non-Contact Voltage Testing	●	●	●	●	●	●	–	–	–
Auto Ranging	●	●	●	●	●	●	●	●	●
Range Hold	●	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●	●
Diode Test	●	●	●	●	●	●	●	–	–
Capacitance Test	6000 µF	6000 µF	6000 µF	–	6000 µF	4000 µF	4000 µF	–	–
Frequency / Duty Cycle	1Hz – 500kHz	1Hz – 500kHz	1Hz – 500kHz	–	10Hz – 1MHz	10Hz – 60kHz	10Hz – 1MHz	–	–
Max / Min	●	●	●	●	●	●	●	MAX only	MAX only
Relative Mode	–	–	–	–	●	●	–	–	–
Magnetic Mount	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	–	–	–	–
Worklight	–	●	–	–	–	–	–	–	–
Auto-Power Off	●	●	●	●	●	●	●	●	●
LCD Display Count	6000	6000	6000	6000	6000	4000	4000	2000	2000

Specifications are subject to change.
See page 297 for additional information on warnings.

See warning section on page 196 for important safety information regarding clamp meters

Specialty Clamp Meters



NEW CL360	NEW CL150
• Auto-ranging • True root mean square (TRMS) • 200A AC current • AC/DC voltage • Resistance • Continuity • Non-Contact Voltage Testing	• True root mean square (TRMS) • 3000A AC current • Data Hold • Max/Min
Includes • Carrying Case • Instruction Manual • Test Leads with CATIII/CAT IV safety caps • 2 x AAA Batteries	**Includes** • Carrying Case • Instruction Manual • 2 x AAA Batteries
Standards **Jaw and Housing:** CATIV 600V/CATIII 1000V **Electrical:** CATIII 600V/CATII 1000V CE	**Standards** CATIV 600V, CATIII 1000V, CE
Overall Length 8.39" (213.1 mm)	**Overall Length** 10.50" (266.7mm)
Overall Width 2.12" (53.8 mm)	**Overall Width** 4.12" (104.6 mm)
Overall Depth 1.38" (35.1 mm)	**Overall Depth** 1.06" (26.9 mm)
Weight 6.40 oz (180.0g)	**Weight** 5.90 oz (167.0 g)

FEATURES	NEW CL360	NEW CL150
Drop Protection	9.8 ft. (3 m)	6.6 ft. (2 m)
Ingress Protection	IP40	–
Safety	**Jaw & Housing** CAT IV 600V CAT III 1000V **Electrical & Protection Circuit** CAT III 600V CAT II 1000V	CAT IV 600V CAT III 1000V
AC Voltage (Volts)	600V	–
DC Voltage (Volts)	1000V	–
AC Current (Amps)	200A	3000A
Ohms (Resistance)	60MΩ	–
True RMS	●	●
Audible Continuity	●	–
Backlight	●	●
Non-Contact Voltage Testing	●	–
Auto Ranging	●	–
Range Hold	–	●
Data Hold	●	●
Max / Min	–	●
Auto-Power Off	●	●
LCD Display Count	6000	3000

⚠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.

Multimeters



MM700	MM600	MM400	MM300
• Auto-ranging • True root mean square (TRMS) • 10A AC/DC current • AC/DC voltage • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes • Temperature • Low Impedance (LoZ) mode	• Auto-ranging • 10A AC/DC current • AC/DC voltage • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes • Temperature	• Auto-ranging • 10A AC/DC current • AC/DC voltage • Resistance • Continuity • Frequency • Duty cycle • Capacitance • Tests diodes • Temperature	• Manual-ranging • 10A AC current • AC/DC voltage • Resistance • Continuity • Tests diodes
Includes	• Instruction Manual • Test Leads with CATIII/CAT IV safety caps • Thermocouple with adapter • Alligator Clips • 2 x AAA Batteries • Carrying Case	• Instruction Manual • Test Leads with CATIII/CAT IV safety caps • Thermocouple with adapter • Alligator Clips • 2 x AAA Batteries • Carrying Case	• Instruction Manual • Test Leads with CATIII/CAT IV safety caps • Thermocouple with adapter • 2 x AAA Batteries	• Instruction Manual • Test Leads with CATIII/CAT IV safety caps • 2 x AAA Batteries
Standards	CATIV 600V, CATIII 1000V CE	CATIV 600V, CATIII 1000V CE	CAT III 600V, CE	CAT III 600V, CE
Overall Length	7.00" (177.8 mm)	7.00" (177.8 mm)	6.00" (152.4 mm)	6.00" (152.4 mm)
Overall Width	3.55" (90.1 mm)	3.55" (90.1 mm)	3.16" (80.4 mm)	3.16" (80.4 mm)
Overall Depth	2.09" (53.2 mm)	2.09" (53.2 mm)	1.78" (45.2 mm)	1.78" (45.2 mm)
Weight	0.90 lb (0.41 kg)	0.90 lb (0.41 kg)	0.51 lb (0.23 kg)	0.51 lb (0.23 kg)

FEATURES	MM700	MM600	MM400	MM300
Drop Protection	6.6 ft. (2 m)	6.6 ft. (2 m)	3.3 ft. (1 m)	3.3 ft. (1 m)
Ingress Protection	IP42	IP42	–	–
Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V
AC Voltage (Volts)	1000V	1000V	600V	600V
DC Voltage (Volts)	1000V	1000V	600V	600V
AC Current (Amps)	10A	10A	10A	10A
DC Current (Amps)	10A	10A	10A	–
Ohms (Resistance)	40MΩ	40MΩ	40MΩ	20MΩ
DC Millivolts	●	●	●	●
AC Milliamps	●	●	●	–
DC Milliamps	●	●	●	●
AC Microamps	●	●	●	–
DC Microamps	●	●	●	●
True RMS	●	–	–	–
Audible Continuity	●	●	●	●
Backlight	●	●	●	–
Temperature	0° – 1500°F (-18° – 816°C)	0° – 1000°F (-18° – 538°C)	0° – 1000°F (-18° – 538°C)	–
Low Impedance	●	–	–	–
Auto Ranging	●	●	●	–
Range Hold	●	●	●	–
Data Hold	●	●	●	●
Diode Test	●	●	●	●
Capacitance Test	4000 µF	1000 µF	200 µF	–
Frequency / Duty Cycle	1Hz – 500 KHz	1Hz – 500 KHz	1Hz – 50 KHz	–
Max / Min	●	●	●	–
Lead Warning	●	●	–	–
Bar Graph	●	–	–	–
Magnetic Mount	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
Auto-Power Off	●	●	●	–
Battery Test	–	–	–	●
LCD Display Count	4000	4000	4000	2000

Intertek

Specifications are subject to change.
See page 297 for additional information on warnings.

See warning section on page 196 for important safety information regarding multimeters

Multimeter Fuses

Multimeter Replacement Fuses



69033



69191

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
69031	MM300	5x20 200MA 600V
69032	MM300, MM400	6x32 10A 600V
69033	MM400	5x20 500MA 600V
69034	MM600, MM700	10x38 10A 1000V
69035	MM600, MM700	6x32 500MA 1000V

Meter Kits

Electrical Maintenance & Test Kit

- Cat. No. RT210 detects the most common wiring problems in standard and GFCI receptacles including open ground, reverse polarity, open hot, open neutral, and hot/ground reversed
- Cat. No. 69409 Line splitter 10x allows the measuring of current draw up to 15A without splitting the load's power cord
- Cat. No. CL110 has CAT III 600V, Class 2, Double insulation safety rating and features a backlit display for clear readings
- RT210 withstands a 6.6 ft. (2 m)
- Includes a carrying case, test leads and batteries

Intertek LISTED



CL110KIT

Cat. No.	Set Contains	Weight
CL110KIT		0.94 lb (430.0 g)

Cat. No.	Overall Length	Overall Height	Overall Width	Batteries
CL110	8.70" (221.1 mm)	1.61" (40.9 mm)	3.02" (76.6 mm)	3 x AAA
RT210	1.62" (41.3 mm)	2.88" (73.0 mm)	1.88" (47.6 mm)	—
69409	4.67" (118.6 mm)	4.67" (118.6 mm)	2.28" (57.9 mm)	—

Electrical Test Kit

- The MM300 multimeter was developed to withstand daily wear and tear on the job site, and has a safety rating of CAT III 600V, Class 2, Double insulation
- The NCVT-1 has a bright green LED to indicate the tester is working; it changes to red and warning tones sound when voltage is detected
- NCVT-1 has a digitally-controlled ON/OFF power button and auto power-off feature to conserve and extend battery life
- Receptacle tester detects wiring configurations and indicates correct wiring, open ground, open hot, open neutral, hot/ground reversed; it does not indicate quality of ground, multiple hot wires, or a combination of defects
- Includes visual and audible continuity indicators up to 25Ω
- Includes test leads and batteries

Intertek LISTED



69149

Cat. No.	Set Contains	Weight
69149		0.94 lb (430.0 g)

Cat. No.	Overall Length	Overall Height	Overall Width	Batteries
MM300	6.00" (152.4 mm)	1.78" (45.2 mm)	3.16" (80.4 mm)	2 x AAA
NCVT-1	5.50" (139.7 mm)	1.00" (25.4 mm)	0.72" (18.3 mm)	2 x AAA
Receptacle Tester	2.75" (69.9 mm)	1.00" (25.4 mm)	1.50" (38.1 mm)	—

Specifications are subject to change.
See page 297 for additional information on warnings.

See warning section on page 196 for important safety information regarding meters

Meter Accessories

K-Type Temperature Pipe Clamp

- Features a temperature sensor that clamps around pipes ranging from 1/4" to 1-3/8" diameter (up to 35 mm)
- A flexible 40" (1016 mm) lead
- Works with any clamp or multimeter that measures temperature
- Includes banana plug adapter



69140

Cat. No.	Overall Length	Overall Height	Overall Width	Temperature Range	Weight
69140	5.25" (133.4 mm)	0.75" (19.1 mm)	3.00" (76.2 mm)	-4 to 212°F (-20 to 100°C)	3.13 lb (1420.0 g)

K-Type Thermocouple Probe

- Pointed tip easily pierces fiberglass ductwork for HVAC measurements
- A coiled 5 ft (1.5 m) lead
- Wide measurement range: -58 to 1112°F
- Works with any clamp or multimeter that measures temperature
- Includes banana plug adapter



69144

Cat. No.	Overall Length	Overall Height	Overall Width	Temperature Range	Weight
69144	12.50" (317.5 mm)	0.50" (12.7 mm)	0.50" (12.7 mm)	-58 to 1112°F (-50 to 600°C)	3.19 lb (1450.0 g)

Replacement K-Type Thermocouples

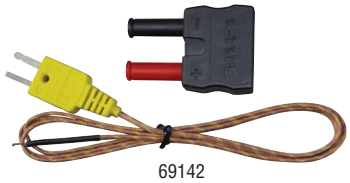
- UL® listed replacement thermocouple with banana plug connector 0° to 250°C (Cat. No. 69028)
- Measurement range of 0° to 250°C (Cat. No. 69435)
- Temperature measurement range of 0 to 480°C and includes banana plug adapter (Cat. No. 69142)
- Allows Type K temperature thermocouples to be used with a meter with banana plug ports (Cat. No. 69146)



69146



69028



69142



69435

Cat. No.	Type	For Use With	Weight
69028	K-Type Banana Thermocouple	CL200, CL210, CL310, CL312, CL330, CL700, CL1300, CL2300, MM200, MM400, MM600, MM700, MM1000, MM1300, MM2000, MM2300, MM6000	0.70 oz (19.8 g)
NEW 69435	K-Type Thermocouple	Any Clamp or Digital Multimeter that Measures Temperature	0.40 oz (11.0 g)
69142	K-Type Thermocouple, High Temperature with Adapter	Any Clamp or Digital Multimeter that Measures Temperature	0.40 oz (11.0 g)
69146	K-Type Banana Plug Adapter	Any Clamp or Digital Multimeter that Measures Temperature	0.40 oz (11.0 g)

Replacement Test Lead Set

- Safety Rating: Category IV 600V and CAT III 1000V
- Screw-on alligator clips attach to wires and other conductors
- Intended for use as replacement test leads for meters that have standard, banana-type input jacks
- Leads are 41" (1,041 mm) long
- Replacement test-lead set for all DMM, Clamp Meters, and testers
- The leads perform accurately with Klein Tools' meters and other manufacturer's meters



69410

Cat. No.	Weight
69410	0.20 lb (90.0 g)

See page 297 for additional information on warnings.

Meter Accessories

Line Splitter 10x

- Allows the measuring of current draw up to 15A without splitting the load's power cord
- For use with all Klein Tools clamp meters and othe manufacture clamp meters
- Can be used to perform voltage checks with standard multimeter probes
- Provides 10X measurement mode
- For North American-style outlets only





69409

⚠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	Overall Height	Overall Width	Weight
69409	4.67" (118.6 mm)	4.67" (118.6 mm)	2.28" (57.9 mm)	0.24 lb (110.0 g)

Magnetic Hangers

- Durable nylon weave resists wear and tear
- Constructed with powerful rare earth magnets
- Has a secure loop & hook
- Hanger allows the user to safely work hands-free
- Cat. No. 69190 clips securely into back of rubber boot







Cat. No.	Application	For Use With	Weight
69417	Electrician's Multimeters and Select Clamps	MM300, MM400, MM600, MM700, CL450, CL600, CL700, CL800, CL900	1.10 oz (31.0 g)
69190	Electrician's Previous Generation Multimeters	MM1000, MM1300, MM2000, MM2300	1.10 oz (31.0 g)

Electrical Testers

Continuity Tester



69133

- Quickly reveals shorts or broken circuits in all types of electrical devices and controls
- Tests for continuity of circuit with power off
- Bulb in handle glows when circuit is complete (bulb included)
- Pointed 3-3/4" (95 mm) probe gets right to the problem
- Deluxe 4" (102 mm) long handle with removable nylon cap holds replaceable bulb and battery
- 36" (915 mm) test lead with alligator clip
- Uses one AAA battery (not included)
- Proudly built in U.S.A. with global components

Cat. No.	Overall Length	Weight
69133	43.75" (111.1 cm)	0.21 oz (6.0 g)
Replacement Part		
69131	Replacement Bulb for Continuity Tester Cat. No. 69133	0.05 oz (1.4 g)

Low-Voltage Tester



69127

- Device for checking live 6-24V, AC or DC circuits
- Tests for shorts in automotive and truck electrical systems, motor field coils, radio and low-voltage circuits, ground circuits of all lamps, wiring, fuses, etc.
- Bulb in handle glows when circuit is complete (bulb included)
- Pointed 3-3/4" (95 mm) probe makes checking easier
- Deluxe 3-1/2" (89 mm) long handle with nylon top holds replaceable bulb
- 36" (915 mm) test lead with alligator clip
- Proudly built in U.S.A. with global components

Cat. No.	Overall Length	Weight
69127	43.25" (109.9 cm)	0.21 oz (6.0 g)

See page 297 for additional information on warnings.

Electrical Testers

Electronic Voltage Testers

- Cat. Nos. ET45 and ET60 do not require batteries
- Cat. Nos. ET40 and ET250 include batteries
- **ET40** is an Electronic Voltage Tester for checking or troubleshooting common residential electrical wiring and devices such as outlets, light fixtures, doorbells, batteries, etc. It tests at four useful levels for both AC (12V to 240V AC) and DC (1.5V to 24V), can identify and distinguish between AC or DC voltage, and indicates polarity when measuring DC voltages. Using 2 x AAA batteries (included), it will power off automatically after approximately 2 minutes of non-use, and has a low battery indicator. This CATIII 250V, Class 2, Double insulation safety rated tester has built-in test lead holders on sides of the tester.
- **ET45** is an Electronic Voltage Tester for checking, verifying or troubleshooting common residential electrical wiring in electrical outlets, light fixtures, doorbells, etc. It tests at four useful levels for both AC (24V to 240V AC) and DC (32V to 330V). Batteries are not required; tester is powered by the applied voltage. Built-in test leads are held in one of two positions: one so that they are spaced correctly to test tamper-resistant US-style outlets and the other for convenient storage. Built to withstand a 9.8 ft (3 m) drop, this tester has a CATIII 350V, Class 2, Double insulation safety rating.
- **ET60** is a solid-state, low impedance, electronic voltage tester that measures AC/DC voltages up to 600V. It does NOT require batteries - it is powered by the applied voltage. This tough meter design is water and dust resistant, and withstands a 9.8 ft (3 m) drop.
- **ET250** Digital AC/DC Voltage and Continuity Tester is a solid-state, digital voltage and continuity tester that measures AC/DC voltages up to 600V and tests for continuity. Additionally, the ET250 also tests GFCI protected circuits to verify that the GFCI device is functioning appropriately. This tester includes a backlight and integrated flashlight for working in reduced ambient lighting conditions. It automatically selects the measurement mode, and auto-powers on when a voltage/ continuity measurement is attempted. This tough meter design is water and dust resistant, and withstands a 9.8 ft (3 m) drop.



ET40

ET45



ET60



ET250

	Cat. No.	Batteries	Voltage	Standard	Overall Length	Overall Width	Weight
NEW	ET40	2 x AAA	AC Level Indicators: 12V, 24V 120V, 240V and DC indicators:1.5V, 9V, 12V, >17-24V	CATIII 250V, CE	5.24" (133.0 mm)	1.11" (28.0 mm)	2.30 oz (66.0 g)
NEW	ET45	Not Required	AC Level Indicators: 24V, 48V, 120V, 240V; DC Level indicators: 32V, 64V, 160V, 330V	CATIII 350V, CE	4.45" (113.0 mm)	1.05" (27.0 mm)	1.80 oz (52.0 g)
	ET60	Not Required	12 to 600 V AC/DC	CAT IV 600V, CE	5.67" (144.1 mm)	2.84" (72.2 mm)	3.20 oz (92.00 g)
	ET250	3 x AAA	2 to 600V AC/DC	CAT IV 600V, CE	6.06" (154.0 mm)	2.31" (58.8 mm)	6.00 oz (170.0 g)

See page 297 for additional information on warnings.

Electrical Testers

Non-Contact Voltage Testers

- CAT IV safety rating
- Auto power-off
- Convenient pocket clip
- Does not detect DC voltage
- **NCVT-1** provides non-contact detection of standard voltage 50 to 1000V AC in cables, cords, circuit breakers, lighting fixtures, switches, outlets and wires
- **NCVT-2** provides non-contact detection of standard voltage 12 - 1000V AC in cables, cords, circuit breakers, lighting fixtures, switches, outlets and wires. It also detects and indicates low voltage (12 to 40V AC) in security, entertainment, communications, environmental and irrigation systems
- **NCVT-3** features a flashlight, and provides non-contact detection of voltage 12 to 1000V AC with simultaneous visual and audible voltage indicators. US Patent No. D750985
- **NCVT-4IR** is designed for HVAC applications and hot spots in panels, includes an infrared thermometer with selectable °F/°C from -20 to 482°F (-30 to 250°C), LCD backlit display, and convenient laser pointer to help target 4:1 distance to spot ratio for temperature



NCVT-1



NCVT-2


NCVT-3


NCVT-4IR

Features	NCVT-1	NCVT-2	NCVT-3	NCVT-4IR
Drop Protection	9.8 ft. (3 m)	9.8 ft. (3 m)	6.6 ft. (2 m)	6.6 ft. (2 m)
Ingress Protection	IP40	IP40	IP67	IP54
Safety	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V
Voltage	50-1000V AC	**Mode 1:** 12-40V AC **Mode 2:** 12-1000V AC	12-1000V AC	12-1000V AC
Frequency Range	50-500Hz	50-500Hz	50-500Hz	50-500Hz
Audible and Visual Alarms	●	●	●	●
Auto-Power Off	●	●	●	●
Temperature	—	—	—	-22° – 482°F (-30° – 250°C)
Laser	—	—	—	Class 2
Flashlight	—	—	●	—
Backlight	—	—	—	●
LCD Display	—	—	—	●
Batteries	2 x AAA	2 x AAA	2 x AAA	2 x AAA
				PTIA 2018 TOOL INNOVATION AWARDS WINNER

Cat. No.	Voltage	Frequency	Batteries	Overall Length	Overall Height	Overall Width	Weight
NCVT-1	50 - 1000V AC	50 - 500 Hz	2 x AAA	5.50" (139.7 mm)	1.00" (25.4 mm)	0.72" (18.3 mm)	0.80 oz (22.70 g)
NCVT-2	12 - 1000V AC	50 - 500 Hz	2 x AAA	5.50" (139.7 mm)	1.00" (25.4 mm)	0.72" (18.3 mm)	0.80 oz (22.70 g)
NCVT-3	12 - 1000V AC	50 - 500 Hz	2 x AAA	5.83" (148.0 mm)	1.16" (29.4 mm)	0.72" (18.3 mm)	1.20 oz (34.00 g)
NCVT-4IR	12 - 1000V AC	50 - 500 Hz	2 x AAA	6.25" (158.8 mm)	1.25" (31.8 mm)	1.19" (30.2 mm)	2.00 oz (57.00 g)

Electrical Testers

Receptacle Testers

- Light sequence indicates correct/incorrect wiring
- Conforms to UL Std 1436, Certified to CSA Std C22.2 #160
- Operating temp: 32°F to 140°F (0°C to 40°C)
- Built to withstand a 6.6 ft. (2m) drop
- Nominal Voltage: 110/125V AC at 50/60Hz in 3-wire outlet
- Designed to detect the most common wiring problems in standard receptacles
- Cat. No. RT210 works on GFCI outlets and confirms operation of the ground fault

Cat. No.	GFCI	Overall Length	Overall Height	Overall Width	Weight
RT110	No	1.62" (41.3 mm)	2.88" (73.0 mm)	1.88" (47.6 mm)	0.12 lb (0.06 kg)
RT210	Yes	1.62" (41.3 mm)	2.88" (73.0 mm)	1.88" (47.6 mm)	0.12 lb (0.06 kg)



RT110 RT210

Digital Circuit Breaker Finder

- Quickly, accurately, and automatically find the corresponding circuit breaker of any standard 120V outlet
- For use on powered circuits only
- Does not require interruption of service
- Bright green arrow and loud beep provide clear indication of correct breaker
- Strong transmitter reaches distances up to 1000 ft. (305 m)
- Optional Circuit Breaker Finder Accessory Kit (Cat. No. 69411) shown below: Find breakers of light fixtures and bare wires with light socket and alligator clip adapters





ET300

Cat. No.	Overall Length	Overall Height	Overall Width	Weight
ET300	**Receiver:** 6.00" (152.4 mm); **Transmitter:** 2.80" (71.0 mm)	0.91" (23.0 mm)	**Receiver:** 2.00" (50.8 mm); **Transmitter:** 1.89" (48.0 mm)	0.20 lb (90.0 g)

Circuit Tester



69105

- Tests circuits rated from 80 to 600 volts AC/DC
- High-visibility neon lamp indicator
- High-impact, sealed 5-11/16" (144 mm) probe on long 24" (610 mm) leads for convenience in testing motors, fuses, relays, switches, etc.
- Resistor between each probe and lead

Cat. No.	Overall Length	Weight
69105	35.00" (889.0 mm)	0.15 lb (70.0 g)

Circuit Breaker Finder Accessory Kit



69411

- For use with ET300 Digital Circuit Breaker Finder (shown above)
- Light socket adapter for finding the corresponding circuit of a lighting fixture
- Alligator clip adapter enables use of Digital Circuit Breaker Finder on bare wires

Cat. No.	Weight
69411	0.20 lb (60.0 g)

See page 297 for additional information on warnings.

Specialty Testers

USB Digital Meters

- Accurately and reliably measures and displays the USB port voltage, current, capacity, energy and resistance simultaneously for USB-A ports (Cat. Nos. ET900 and ET910) and USB-A and USB-C ports (ET920)
- Cat. No. ET910 can also test the maximum current delivery capability of the USB port with built-in fixed loads
- Tests most common USB-A ports, including Qualcomm Quick Charge ports; Cat. No. ET920 also tests most common USB-C ports, including Qualcomm Quick Charge ports
- Stores and recalls up to 10 readings
- Voltage and current overload detection
- Hi-resolution LCD for clear visibility in environments with low ambient lighting
- Built to withstand a 6-Foot (2m) drop
- No batteries needed; powered by the USB port being tested

NEW Product



ET920



ET900



ET910

3m IP20

	Cat. No.	Voltage	Current	Capacity Used	Energy Delivered	Resistance	Elapsed Time	USB Compatibility	Overall Length	Overall Height	Overall Width	Weight
NEW	ET900	3 to 20V DC	0.05 to 3A	99,999mAh Maximum	999Wh Maximum	400 ohms Maximum	Up to 999 Hours, 59 Min, 59 Secs	USB-A; Qualcomm Quick Charge® Compatible	2.84" (72.1 mm)	0.56" (14.4 mm)	1.25" (31.8 mm)	1.10 oz (31.0 g)
NEW	ET910	3 to 20V DC	0.05 to 3A	99,999mAh Maximum	999Wh Maximum	400 ohms Maximum	Up to 999 Hours, 59 Min, 59 Secs	USB-A; Qualcomm Quick Charge® Compatible	4.31" (109.5 mm)	0.98" (24.9 mm)	2.15" (54.6 mm)	2.80 oz (79.4 g)
NEW	ET920	3 to 20V DC	USB-A: 0.05 to 3A; USB-C: 0.05-5A	99,999mAh Maximum	999Wh Maximum	400 ohms Maximum	Up to 999 Hours, 59 Min, 59 Secs	USB-A, USB-C; Qualcomm Quick Charge® Compatible	2.96" (75.2 mm)	0.60" (15.2 mm)	1.96" (49.8 mm)	1.70 oz (48.0 g)

Light Meter

- Easy-to-operate precision meter to monitor light levels and lighting retrofit projects
- Ideal for incandescent, fluorescent, metal halide, and daylight
- Measurements in foot candles (FC) and Lux
- Auto and manual range: 4000 FC; 40,000 Lux
- Features backlit LCD display with 40-segment bar graph
- Data Hold, Max/Min, and Auto Power Off
- Includes carrying pouch, instruction manual, and 9V battery





ET130

IES RECOMMENDED ILLUMINATION*			
Location		Lux	FC
Office	Conference Room	200-750	18-70
	Office area	500-750	47-70
	Lobbies, lounges	100-200	9-18
School	Auditorium, Gymnasium	100-300	9-28
	Classroom	200-750	18-70
	Library, Drafting, Laboratory	500-1500	47-140
Hospital	Rooms	100-300	9-28
	Emergency Room	500-1000	47-93
	Operating Room	1000-2000	93-186
Factory	Packing work	150-300	14-28
	Parts assembly	1500 -3000	140-280
	Inspection work	750-1500	70-140
Store	Stairs, Corridor	150-200	14-18
	Stockroom	100-300	9-28
	Merchandising	750-1500	70-140

**The Lighting Handbook 10th Edition, Illuminating Engineering Society*

Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
ET130	1 x 9V	8.09" (205.6 mm)	1.41" (35.7 mm)	2.09" (53.2 mm)	5.50 oz (156.0 g)

See page 297 for additional information on warnings.

Specialty Testers

Carbon Monoxide Meter

- Easy-to-use meter detects and measures concentration levels of carbon monoxide gas in ambient air
- User protection with short-term exposure limit (STEL) alarms: low level alarm (35 ppm) and high level alarm (200 ppm)
- Backlit display with CO measurement (0 to 1000 ppm) and temperature (°F and °C)
- Auto-power off after 20 minutes of no usage helps conserve battery life
- Includes carrying pouch, instruction manual, and 4 x AAA batteries







ET110

Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
ET110	4 x AAA	7.75" (196.9 mm)	1.45" (36.9 mm)	2.16" (54.8 mm)	5.10 oz (144.2 g)

Meter is not intended for use as personal protection equipment

Combustible Gas Leak Detector

- Select from two levels of sensitivity: High (50 to 1000 ppm) and Low (50 to 10,000 ppm)
- Measures methane, propane, butane, and other gases to detect for leaks
- Five red LEDs (visual) and 85db audible alerts that increase with gas concentration to detect the gas leak
- Automatic zero-point calibration at power-up
- 18 inch flexible gooseneck expands sensor's reach; clips onto device for storage
- Auto power-off after 10 minutes of non-usage conserves battery life
- Includes carrying pouch, instruction manual, and 4 x AAA batteries







ET120

Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
ET120	4 x AAA	28.31" (719.2 mm)	2.75" (69.9 mm)	1.78" (45.2 mm)	13.00 oz (380.0 g)

Meter is not intended for use as personal protection equipment

See page 297 for additional information on warnings.

Thermometers

Digital Pocket Thermometers

- User selectable Fahrenheit and Celsius temperature measurements
- Backlit display for easy viewing in low light
- Max/Min, Hold and Average functions
- Auto-power off after 15 minutes conserves battery life
- FDA GRAS compliant for food usage
- Lightweight, compact tool with pocket clip provides easy storage and quick access
- Cat. No. ET05 has a range of -40 to 482° F (-40 to 250° C);
  Cat. No. ET10 has a range of -40 to 572° F (-40 to 300° C)



ET05



ET10
(Protective sheath positioned as handle)





- Cat. No. **ET10** features a magnet inside base of probe to easily attach to vents for hand-free IAQ (indoor air quality) measurements

Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
ET05	2 x LR44	6.50" (165.1 mm)	0.94" (23.8 mm)	1.08" (27.4 mm)	1.40 oz (39.0 g)
ET10	2 x LR44	6.50" (165.1 mm)	0.97" (24.6 mm)	1.25" (31.8 mm)	1.50 oz (42.5 g)

Dual Infrared and Probe Thermometer

- Pocket tester measures temperature from -40 to 572° F (-40 to 300°C)
- Accurately measure surface temperature with infrared thermometer (DS ratio 8:1)
- Measure inside air vents and duct temperatures with temperature probe with hanging hook
- Quickly calculates differential temperature (T1-T2) for both IR and probe temperatures
- Backlit display with Hold, Max/Min, APO, and Low Battery functions
- Includes: pouch, instruction manual and 2 x AAA batteries





NEW Product



IR07

	Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
NEW	IR07	2 x AAA	5.82" (147.8 mm)	0.95" (24.1 mm)	1.67" (42.4 mm)	3.60 oz (106.5 g)

See page 297 for additional information on warnings.

Thermometers

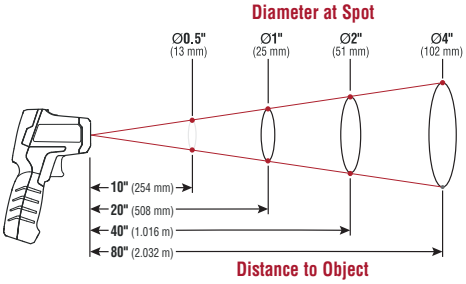


IR10 Dual Laser Infrared Thermometer, 20:1

- Optical Resolution (Distance-to-Spot) is 20:1
- Dual targeting lasers offer more accurate determination of the area being tested
- Incorporates surface temperature measurement capability using IR emission and can also measure bulk temperatures of air, gas, or liquids using standard K-Type probe
- Measurement range for both IR and K-Type probe -40° to 1200° F (-40° to 650° C)
- Adjustable emissivity from 0.1 to 1.0 delivers flexibility to address multiple applications
- Bright backlit display for working in low ambient lighting conditions
- Statistical parameters for measurement event - max/min/avg/diff
- User definable high/low limits with audible and visual alarms when limits are breached
- Uses one 9-volt alkaline battery, with battery life expectancy at 8 hours of continuous use with laser and backlight on
- Includes custom pouch, K-Type probe and battery
- Soft-touch, over-mold housing built to withstand a 9.9' (3 m) drop
- IP54 ingress protections for dust and water resistance
- "Auto Power-Off" conserves and extends battery life
- U.S. patent D791,624



IR10



	Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
NEW	IR10	1 x 9V	7.00" (177.8 mm)	4.49" (114.0 mm)	2.05" (52.1 mm)	7.40 oz (210.0 g)

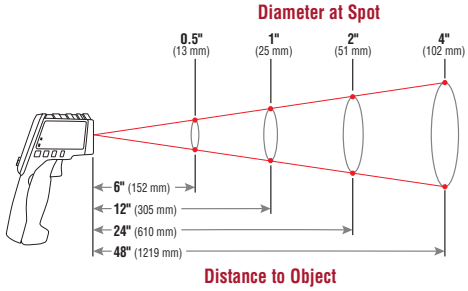


IR5 Dual Laser Infrared Thermometer, 12:1

- Optical Resolution (Distance-to-spot) is 12:1
- Features include dual-laser targeting, auto-scan, max/min/avg/diff, high/low alarm, backlit display, auto power-off
- Drop protection to 6.6 ft. (2 m)
- Measurement Range: -22° to 752°F (-30° to 400°C)
- Uses one 9-volt battery, with battery life expectancy at 10 hours of continuous use with laser and backlight on
- Includes custom pouch and batteries
- Certified to IEC EN 61326-1:2006, EN608251:1994+A2:2001+A1:2002
- Adjustable emissivity
- Soft-touch, over-mold housing
- For ambient temperatures above freezing, the accuracy is +/- 4° F or +/- 2%; Accuracy below freezing is +/- 4° F plus 0.2 degrees per degree below 32° F



IR5



Cat. No.	Batteries	Overall Length	Overall Height	Overall Width	Weight
IR5	1 x 9V	6.82" (173.4 mm)	4.53" (115.1 mm)	1.84" (46.8 mm)	0.62 lb (0.28 kg)

See page 297 for additional information on warnings.

Borescopes

Video Borescope

- Use the Video Borescope to view inaccessible areas
- It features video, audio, photo recording, file playback, a durable camera snake with an adjustable work light, and video output capabilities
- Other features include screen rotation, adjustable LED worklight, TV-out and SD card
- IP67: Dustproof and waterproof camera
- Multiple Applications: Electrical, HVAC, Plumbing, Automotive, Aircraft. Use to view inaccessible areas: inside a wall, down the drain, in furnace or vent
- Package contents: Video Borescope, 17 mm gooseneck camera, Rechargeable lithium ion battery, Mirror camera attachment, Hook camera attachment, Magnet camera attachment, USB data & power adapter/charger, RCA composite to 3.5 mm mini A/V cable, Quick start guide, Software/instruction manual CD-ROM, Carrying case



Multiple Applications!

- Electrical
- HVAC
- Plumbing
- Automotive
- Aircraft

- Use to view inaccessible areas:
  - Inside a wall
  - Down the drain
  - In furnace or vent

ET500









Cat. No.	Overall Length	Overall Height	Overall Width	Batteries	Weight
ET500	7.00" (177.8 mm)	1.75" (44.5 mm)	3.25" (82.6 mm)	Rechargeable Lithium Ion	0.51 lb (0.23 kg)

Borescope

- Use the borescope to view inaccessible areas
- It features a durable camera snake, a high resolution screen, mirror image and an adjustable LED work light
- IP67: Dustproof and waterproof camera
- Multiple Applications: Electrical, HVAC, Plumbing, Automotive, Aircraft. Use to view inaccessible areas: inside a wall, down the drain, in furnace or vent
- Package contents: Borescope, 17 mm gooseneck camera, Rechargeable lithium ion battery, Mirror camera attachment, Hook camera attachment, Magnet camera attachment, USB data adapter/charger, USB power adapter/charger, Instruction manual



Multiple Applications!

- Electrical
- HVAC
- Plumbing
- Automotive
- Aircraft

- Use to view inaccessible areas:
  - Inside a wall
  - Down the drain
  - In furnace or vent

ET510

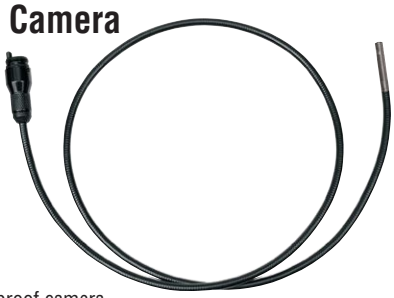




Cat. No.	Overall Length	Overall Height	Overall Width	Batteries	Weight
ET510	6.53" (165.9 mm)	1.55" (39.3 mm)	2.84" (72.2 mm)	Lithium-ion	0.51 lb (0.23 kg)

Borescope Accessories

6 mm Borescope Camera



69450

- IP67: Dustproof and waterproof camera
- Bright LED worklight
- Gooseneck design for greater control and positioning
- Smaller footprint when penetrating walls and panels

Cat. No.	Overall Length	Overall Width	Weight
69450	3.28' (1.0 m)	0.23" (6.0 mm)	0.21 lb (100.0 g)
69451	6.60' (2.0 m)	0.23" (6.0 mm)	0.34 lb (160.0 g)

17 mm Borescope Camera



69454

- IP67: Dustproof and waterproof camera
- Bright LED worklight
- Gooseneck design for greater control and positioning

Cat. No.	Overall Length	Overall Width	Weight
69454	3.28' (1.0 m)	0.66" (17.0 mm)	0.59 lb (270.0 g)

1 Meter Borescope Camera Extension



69455

- Extends the reach of 17 mm and 6 mm borescope cameras
- Up to two extensions can be used with 17 mm camera without loss of video quality, to 9.9 ft. (3 m)
- Maximum of four extensions plus camera

Cat. No.	Overall Length	Overall Width	Weight
69455	3.28' (1.0 m)	0.66" (17.0 mm)	0.58 lb (260.0 g)

Borescope Attachment Tools

- Compatible with 17 mm diameter camera



69457

Cat. No.	Included	Weight
69457	1-5/8" (41.3 mm) Mirror Camera Attachment, 3" (76.2 mm) Hook Camera Attachment, 3-1/4" (82.6 mm) Magnet Camera Attachment	0.40 oz (11.3 g)

Test & Measurement Cases

Carrying Case

- Constructed of black 600 Denier Nylon
- Has a heavy-duty PVC zipper and zinc alloy zipper tag
- The case has exceptional resistance to abrasions, punctures and tears
- Easily fits the following Klein Tools test and measurement meters: MM300, MM400, MM600, MM700, CL110, CL210, CL310, CL312, CL330, CL600, CL700 and CL800
- Convenient storage for other test and measurement products

Cat. No.	Number of Pockets	Overall Length	Overall Width	Weight
69401	1	9.25" (235.0 mm)	4.00" (101.6 mm)	0.20 lb (90.0 g)



69401

See page 297 for additional information on warnings.

Cases

TRADESMAN PRO™

Tradesman Pro™ Carrying Cases

- Two layers of padding protect even delicate instruments
- Heavy-duty zipper and rugged PVC coated polyester for durability
- Pockets for quick access and organization
- Cat. No. 69406 has loop with snap closure to attach to belts, bags and backpacks
- Cat. Nos. 69407 and 69408 have sturdy handle with box stitching for secure transportation and convenient hanging
- Cat. Nos. 69406 and 69407 recommended for meters, testers, infrared guns, and small tools
- Cat. No. 69408 recommended for meters, testers, infrared guns, tools, and borescopes
- Made in the USA with global components



69406 69407 69408

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
69406	1	9.25" (235 mm)	2.25" (57.2 mm)	4.50" (114.3 mm)	0.38 lb (0.17 kg)
69407	2	10.25" (260.4 mm)	2.25" (57.2 mm)	6.00" (152.4 mm)	0.53 lb (0.24 kg)
69408	2	10.25" (260.4 mm)	2.25" (57.2 mm)	7.00" (177.8 mm)	0.66 lb (0.30 kg)

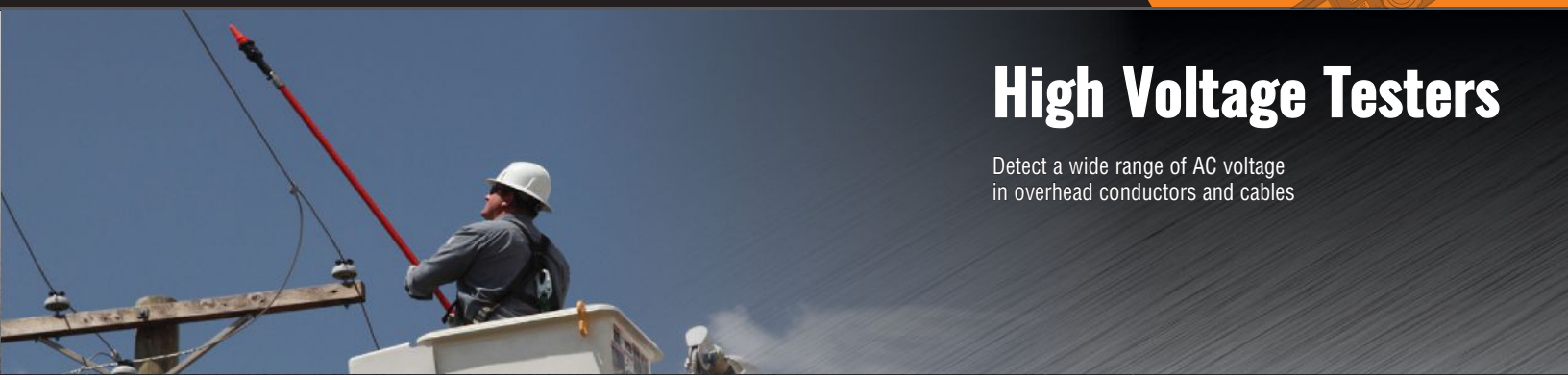
Tradesman Pro™ Hard Cases

- Hard shell protects tools, meters, small parts and tech devices
- Soft interior lining
- Durable zipper closure



5189 5184

Cat. No.	Number of Pockets	Overall Length	Overall Height	Overall Width	Weight
5184	1	8.75" (222.3 mm)	2.25" (57.2 mm)	6.50" (165.1 mm)	0.63 lb (0.29 kg)
5189	1	10.25" (260.4 mm)	2.25" (57.2 mm)	5.50" (139.7 mm)	0.63 lb (0.29 kg)



High Voltage Testers

Detect a wide range of AC voltage in overhead conductors and cables

Dual-Range High Voltage Non-Contact Tester

- Use to check for the presence of voltage in overhead conductors or to find faults in cables
- LOW range for 50V AC to 1.5kV AC
- HIGH range for 1.5kV AC to 132kV AC
- Includes durable carrying case



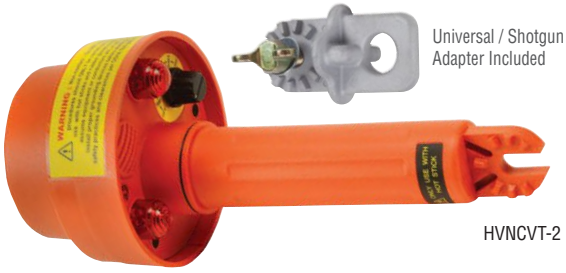
HVNCVT-1

Visual signal indicates presence of voltage.

Cat. No.	Overall Length	Voltage	Weight
HVNCVT-1	13.00" (330.2 mm)	Low: 50V AC - 1.5kV AC High: 1.5kV AC - 132kV AC	0.66 lb (0.30 kg)

Broad-Range Non-Contact Tester

- Use to check for the presence of voltage in overhead conductors or to find faults in cables
- 7 sensitivity ranges up to 230kV AC (240V, 4.2kV, 15kV, 25kV, 35kV, 69kV, 115kV, 230kV)
- Includes durable carrying case and universal/shotgun adapter



Universal / Shotgun Adapter Included

HVNCVT-2

Cat. No.	Overall Length	Voltage	Weight
HVNCVT-2	10.39" (263.9 mm)	up to 230kV AC	1.40 lb (0.60 kg)

See page 297 for additional information on warnings.

Illumination

The Klein Tools Illumination line provides you the tools to make your life easier and more efficient on and off the jobsite. From hands-free lighting solutions such as headlamps and worklights to handheld flashlights and penlights, you can find the right tool to light your way. And as with all Klein products, you can be assured they offer the durability and reliability you know and trust.



For Professionals...
Since 1857™

Flashlight with Worklight



56028

- Bright, focused flashlight and broadcasting work light in one tool
- Strong magnet for secure, hands-free illumination
- Glow ring tip charges while the light is on and allows for easy retrieval in the dark
- Durable; IP67 waterproof and dust proof with 10 ft. drop rating
- Aluminum body with cushion-grip handle
- Pocket clip for easy, convenient access
- 3 x AAA batteries included

Charges when light is on



Glows when light turned off



Magnetic end for hands-free illumination



Cat. No.	Lumens	Battery Life	Batteries	Drop Protection	Weight
56028	Flashlight 235; Worklight 100	Flashlight 6 hrs.; Worklight 12 hrs.	3 x AAA	10 ft (3 m)	0.34 lb (0.16 kg)

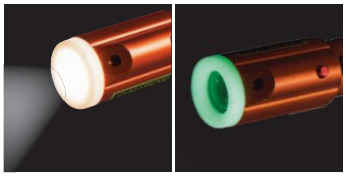
Inspection Penlight with Laser



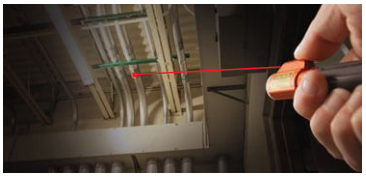
56026

- LED penlight for up-close lighting in dim areas
- Laser pointer aids in pinpointing objects in out-of-reach locations
- Glow ring tip charges while the light is on and allows for easy retrieval in the dark
- 10 ft. drop rating
- Pocket clip for easy, convenient access
- Aluminum body with cushion-grip handle
- 2 x AAA batteries included

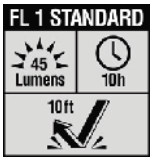
Charges when light is on



Glows when light turned off



Laser pointer helps pinpoint objects



Cat. No.	Lumens	Battery Life	Batteries	Drop Protection	Weight
56026	45	10 hrs.	2 x AAA	10 ft (3 m)	0.18 lb (0.08 kg)

Telescoping Magnetic LED Pickup Tool

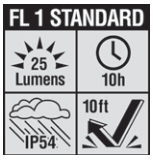


56027

- Telescoping extension 24" (610 mm) beyond arm's reach to retrieve magnetically-attractive tools and parts
- Powerful magnetic head with 2 lb (907 g) pickup strength
- LED light provides long-lasing illumination to guide you to and from your target
- 3" (75 mm) gooseneck end bends to aid with pickup and to work around obstacles
- Pocket clip for easy, convenient storage



Easily locate and retrieve tools in tight spaces



Cat. No.	Lumens	Battery Life	Batteries	Drop Protection	Weight
56027	25	10 hrs.	2 x AAA Alkaline	10 ft (3 m)	6.4 oz (181.4 g)

Rechargeable Auto-Off Headlamp

- In bright light, auto-sensing technology turns headlamp off after 3 minutes to save battery
- Light can be easily removed from bracket for recharging
- Battery gauge indicates level of battery life with colored LED lights
- Slim profile with pivoting mount to allow up to a 64° lighting angle
- Silicone strap stays securely on a hardhat
- Rechargeable via micro-USB port (cable included)

NEW Product

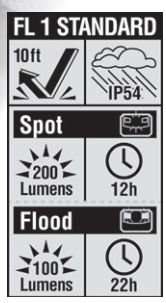


56034









	Cat. No.	Lumens	Batteries	Battery Life	Drop Protection	Weight
NEW	56034	Spot/High: 200; Flood/Low: 100	Rechargeable Internal, Li-Ion, 3.7V / 1700 mAh	Spot/High: 12 hrs.; Flood/Low: 22 hrs.	10' (3m)	3.7 oz (95.3 g)

Alkaline Headlamp

- Anti-slip silicone strap keeps headlamp securely fastened to hard hat
- Strap comes pre-adjusted for quick fit to hard hat
- 45-degree tilt for varied beam direction to point light where it is needed most
- Two modes: High (spotlight) and Low (floodlight)
- 3 x AAA batteries included



56220

Two Modes





Cat. No.	Lumens	Batteries	Battery Life	Drop Protection	Weight
56220	Spotlight: 150; Floodlight: 50	3 x AAA	Spotlight: 6 hrs.; Floodlight: 10 hrs	6 ft (1.8 m)	0.30 lb (0.14 kg)

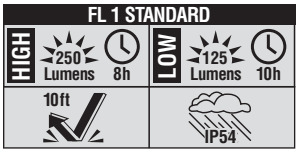
Clamping Worklight

- Worklight can easily clamp to a ladder or lift
- Head rotates a full 360° and pivots up to 90° directing light wherever you need it
- Unit can stand up by itself
- Light projects in front of you, reducing shadows
- Easy to find glow head recharges when the light is on
- 4 x AAA batteries included





56029



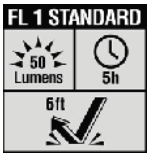
Cat. No.	Lumens	Batteries	Battery Life	Drop Protection	Weight
NEW 56029	High: 250, Low: 125	4 x AA	High: 8 hrs., Low: 10 hrs.	10' (3 m)	15.3 oz (434 g)

Work Light

- Swivel hook and magnet for hands free use
- Three AAA batteries included
- Works with lighted tool bag Cat. No. 55431



55437



Cat. No.	Lumens	Batteries	Battery Life	Drop Protection	Weight
55437	50	3 x AAA	5 hrs.	6 ft. (1.8 m)	0.20 lb (0.09 kg)

Clip Light

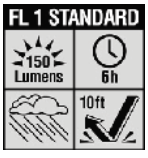
- Rugged, durable rubber overmold for safe and comfortable grip
- Hands-free options: magnetized clip for mounting to magnetic surface or clip for shirt or pocket
- Two modes: High/Low
- Impact and water resistant
- 3 x AAA batteries included



56221



MAGNETIZED CLIP
on back of light



Cat. No.	Lumens	Batteries	Battery Life	Drop Protection	Weight
56221	High: 150, Low: 50	3 x AAA	High: 6 hrs. Low: 10 hrs.	10 ft (3 m)	0.10 lb (0.05 kg)

Sheet Metal Tools/HVAC

Klein's line of HVAC tools make it easy to work with sheet metal, ductwork and tubing. These job-matched tools are proven to stand the test of time with superior results.



For Professionals...
Since 1857™

Snips

Snips - Aviation/Bulldog/Offset

JOURNEYMAN™

- Serrated blades of forged steel for superior strength and durability
- Cuts 18 gauge steel and 22 gauge stainless steel
- Cat. Nos. J2100L, J2101R and J2102S feature exclusive Klein Kurve™ handles for natural hand positioning and ease of use
- Handles are color coded by cutting pattern
- Conforms to ASME B107.16M performance standard
- Made in USA



J2103S



J2101R



J1100L

Cat. No.	Type	Cutting Pattern	Color Code	Cutting Capacity	Cutting Length	Overall Length	Weight
J1100L	Aviation	Left/Straight	Red/Black	18 gauge steel and 22 gauge stainless steel	1.375" (34.9 mm)	9.875" (250.8 mm)	0.90 lb (0.41 kg)
J1101R	Aviation	Right/Straight	Green/Black	18 gauge steel and 22 gauge stainless steel	1.375" (34.9 mm)	9.875" (250.8 mm)	0.92 lb (0.42 kg)
J1102S	Aviation	Straight/Wide Curves	Yellow/Black	18 gauge steel and 22 gauge stainless steel	1.5" (38.1 mm)	10.063" (255.6 mm)	0.90 lb (0.41 kg)
J2103S	Bulldog	Notch/Straight	Yellow/Black	18 gauge steel and 22 gauge stainless steel	0.875" (22.2 mm)	9.438" (239.7 mm)	0.87 lb (0.39 kg)
J2100L	Offset	Left/Straight	Red/Black	18 gauge steel and 22 gauge stainless steel	1.25" (31.8 mm)	9.5" (241.3 mm)	0.97 lb (0.44 kg)
J2101R	Offset	Right/Straight	Green/Black	18 gauge steel and 22 gauge stainless steel	1.25" (31.8 mm)	9.5" (241.3 mm)	0.98 lb (0.44 kg)
J2102S	Offset	Straight/Wide Curves	Yellow/Black	18 gauge steel and 22 gauge stainless steel	1.5" (38.1 mm)	9.5" (241.3 mm)	0.97 lb (0.44 kg)

Aviation Snips with Wire Cutter

NEW Product

- Serrated blades of forged steel for superior strength and durability
- Unique intergrated wire cutter on outside of blade for duct and ceiling suspension wire
- Cuts 18 gauge steel and 22 gauge stainless steel
- Spring-action lock allows opening of tool with one handed operation
- Features color-coded comfortable contoured grips
- Convenient hang-hole for easy storage
- Conforms to ASME B107.16M performance standard



1202S



1201R



1200L

	Cat. No.	Type	Cutting Pattern	Color Code	Cutting Capacity	Cutting Length	Overall Length	Weight
NEW	1200L	Aviation with Wire Cutter	Left/Straight	Red	18 gauge Steel and 22 gauge Stainless Steel	1.5" (38.1 mm)	10.063" (255.6 mm)	0.90 lb (0.41 kg)
NEW	1201R	Aviation with Wire Cutter	Right/Straight	Green	18 gauge Steel and 22 gauge Stainless Steel	1.5" (38.1 mm)	10.063" (255.6 mm)	0.90 lb (0.41 kg)
NEW	1202S	Aviation with Wire Cutter	Straight/Wide Curves	Yellow	18 gauge Steel and 22 gauge Stainless Steel	1.5" (38.1 mm)	10.063" (255.6 mm)	0.90 lb (0.41 kg)

See page 297 for additional information on warnings.

Sheet Metal Tools

Snap Lock Punch

NEW Product

- Steel jaw easily punches 3/8" (9.5 mm) wide impressions on metal edges to easily join pieces of sheet metal, duct, or siding
- Compound-leverage mechanism for greater control and easy operation
- All-steel construction and nickel-chrome plated hardware provide long life and durability
- Convenient self-opening latch for one handed operation



86528

	Cat. No.	Overall Length	Handle Color	Weight
NEW	86528	8.4" (212.7 mm)	Blue/Gray	1.0 lb (0.5 kg)

Hand Notcher

NEW Product

- Cuts 30° V shapes in sheet metal quickly and easily to make corners
- High-impact steel jaw with 13/16" (21 mm) maximum throat depth
- All steel construction with nickel-plate and black-oxide finish provides long life and durability
- Comfortable, contoured grips cover hardened steel handles
- For up to 24 gauge steel and 28 gauge stainless steel
- Convenient self-opening latch for one handed operation



86526

	Cat. No.	Overall Length	Handle Color	Weight
NEW	86526	9" (231.7 mm)	Blue/Gray	1.0 lb (0.5 kg)

5-Blade Crimper

NEW Product

- Produces factory-precision indentations in stove pipe and round duct with just a squeeze
- Compound-leverage mechanism makes precise indentations
- Comfortable, contoured grips cover hardened steel handles
- All steel construction and nickel-plating provide long life and durability
- Convenient self-opening latch for one handed operation
- Crimps 24 gauge steel and 28 gauge stainless steel
- Convenient self-opening latch for one handed operation



86520

	Cat. No.	Overall Length	Jaw Size	Handle Color	Weight
NEW	86520	10.2" (260.3 mm)	1.75" (44.5mm)	Blue/Gray	1.0 lb (0.5 kg)

Tin Snips

NEW Product

- 12" long tool with high-carbon cutting blades
- Full 3.5" (89 mm) blades cut straight and wide curves
- Excellent for 24 gauge steel and 28 gauge stainless steel
- Easily cuts tin, copper, aluminum, soft metals and vinyl
- All steel construction for long life and durability
- Easily replaceable cutting blades (Cat. No. 89555)
- Largehandles to accommodate gloves



89556

	Cat. No.	Cutting Capacity	Cutting Length	Overall Length	Weight
NEW	89556	24 Gauge Steel, 28 Gauge Stainless Steel	3.5" (88.9 mm)	12" (304.8 mm)	0.84 lb (0.38 kg)

Replacement Blade Kit		
Cat. No.	Overall Length	Weight
89555	4.75" (120.6 mm)	4.5 oz (127 g)

See page 297 for additional information on warnings.

Sheet Metal Tools

Seamers - Straight and Offset

- 3" jaw folds 22 gauge steel and 24 gauge stainless steel
- Jaw marked in 1/4" (6 mm) increments for precise bending measurements
- Compound-leverage mechanism easily and accurately bends, seams, and flattens sheet metal
- All-steel construction and nickel-chrome plated hardware for long life and durability
- Convenient self-opening latch for one handed operation
- Comfortable, contoured grips cover hardened steel handles



86524

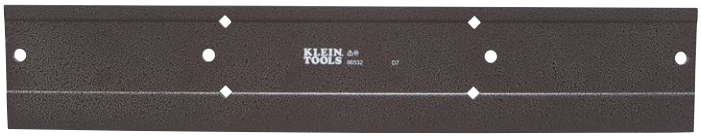


86522

	Cat. No.	Type	Overall Length	Jaw Size	Handle Color	Weight
NEW	86522	Straight	8.6" (219.1 mm)	3" (76.2 mm)	Blue/Gray	1.5 lb (0.7 kg)
NEW	86524	Offset	5.4" (136.5mm)	3" (76.2 mm)	Blue/Gray	1.5 lb (0.7 kg)

Folding Tools

- Two folding depths: 3/8" (10 mm) and 1" (25 mm)
- Handy sight gauges for accurate depth alignment
- Made of heavy-duty 16 gauge steel for strength



86532

	Cat. No.	Overall Length	Folds	Weight
NEW	86530	12" (305 mm)	24 ga Steel; 28 ga Stainless Steel	1.3 lb (.59 kg)
NEW	86532	18" (457 mm)	24 ga steel; 28 ga Stainless Steel	2.0 lb (0.9 kg)
NEW	86534	24" (610 mm)	24 ga Steel; 28 ga Stainless Steel	2.6 lb (1.18 kg)

Duct Tools

Duct Cutter with Wire Cutter

- All-steel double edge blade easily cuts fiber board, fiberglass lined, and flexible ducts
- Built-in wire cutter for convenience
- Compound leverage mechanism for easy wire cutting
- Comfortable, contoured grips cover hardened steel handles
- All-steel construction and nickel-chrome plated hardware provides long life and durbility
- Convenient self-opening latch for one handed operation



89554

	Cat. No.	Overall Length	Weight
NEW	89554	12.5" (318.8 mm)	14.2 oz (403 g)

⚠**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. **Check local laws on legality of selling or possesing these knives.**

See page 297 for additional information on warnings.

Duct Tools

Hole Cutter

NEW Product

- Cuts 2 to 12" (51 o 305 mm) holes in sheet metal
- For up to 24 gauge steel and 26 gauge stainless steel
- Inch and centimeter measurement scales are molded into the body
- Quality bearings assure a long cutting life
- Installs into standard electric drill chucks
- Includes replacement bit and L-Style Hex-Key to tighten the bit
- Features an adjustable Pivot Point for accurate hole size

	Cat. No.	Hole Diameter	Overall Length	Weight
NEW	89552	2" to 12"	7.2" (182.9 mm)	0.89 lb (0.4 kg)

Replacement Drill Bit

Cat. No.	Overall Length	Weight
89551	4.3" (109.2 mm)	0.7 oz (19.8 g)



89552

Duct Stretcher

- Aligns and pulls ductwork together, easing installation of drive cleats
- Offset handle protects hand

Cat. No.	Overall Length	Weight
89565	16" (406.4 mm)	0.75 lb (0.34 kg)



89565

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

Cat. No.	Blade Length	Blade Material	Weight
DK06	5.5" (139.7 mm)	Stainless Steel	8.5 oz (241 g)

⚠**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. **Check local laws on legality of selling or possesing these knives.**



DK06



Pipe & Tubing Tools

PVC Tube Cutter

- Handle latch keeps tool closed
- Replacement blade available (Cat. No. 88914)

Cat. No.	Overall Length	Cutting Capacity	Weight
88912	7.344" (186.5 mm)	1" (25.4 mm) O.D. Multilayer Plastic Tubing and Up To 3/4" (19.1 mm) Schedule 40 PVC	7.6 oz (215 g)



88912

See page 297 for additional information on warnings.

Pipe & Tubing Tools

Professional Tube Cutter



88904

- Accurate 4 roller tracking system - no spiraling
- Professional reaming tool for stainless steel tubing
- Extra cutting wheel included in handle
- Replacement blade available (Cat. No. 88905)

Cat. No.	Overall Length	Cutting Capacity	Weight
88904	6.031" (153.2 mm)	1/8" to 1-3/8" (3.2 to 34.9 mm) Steel and Copper Tubing	1.3 lb (0.6 kg)

Professional Mini Tube Cutter

- Requires only 1-3/8" (35 mm) swing radius
- Perfect for tight space cutting
- Small convenient size; strong and durable tool
- Not designed for cutting stainless steel or hard tempered tubing
- Replacement blade available (Cat. No. 88905)



88910

Cat. No.	Overall Length	Cutting Capacity	Weight
88910	1.469" (37.3 mm)	1/8" to 5/8" (3.2 to 15.9 mm)	3.5 oz (99 g)

Professional 4-in-1 Tube Bender

- Bends four popular tube sizes
- Calibrated markings for accurate left-hand, right-hand, and offset bends up to 90°
- For soft copper, aluminum, and steel tubing
- Bends 3/16", 1/4", 5/16" and 3/8" (6 mm and 8 mm) O.D. tubing



89030

Cat. No.	Overall Length	Weight
89030	10" (254 mm)	1.0 lb (0.5 kg)

Professional 6-in-1 Swaging Punch

- Swages six sizes of tubing
- Hex design for ease of extraction
- Precision machined surface for ease of forming
- High-alloy steel, heat-treated for strength and durability



66400

Cat. No.	Swages	Overall Length	Weight
66400	3/16" (4.8 mm), 1/4" (6.4 mm), 5/16" (7.9 mm), 3/8"(9.5 mm), 1/2" (12.7 mm), 5/8" (15.9 mm) O.D. Tubing	5.813" (147.7 mm)	0.37 lb (0.17 kg)

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)



86571



86570

Cat. No.	Description	Weight
86570	Nylon Tie Tensioning Tool	0.87 lb (0.39 kg)
86571	Nylon Tie Tensioning Tool with Auto Cutoff	1.0 lb (0.5 kg)

See page 297 for additional information on warnings.

Wrenches

Adjustable Wrenches - Slim Jaw

- Designed for tight-wrench-over-wrench applications
- Jaws meet ASME 107.11-2010 testing standards for adjustable wrenches while being 40% slimmer than most standard adjustable wrench jaws
- 1-1/2" extra wide jaw capacity that is 5/16" larger than other wide-capacity 8" wrenches (Cat. No. D86936)
- Standard and metric size markings for fast adjustment
- Manufactured for strength and durability





D86936

Cat. No.	Overall Length	Handle Color	Handle Finish	Jaw Capacity	Weight
D86932	4.563" (115.9 mm)	Blue	Plastic Dipped	1/2" (12.7 mm)	2.4 oz (0.07 kg)
D86934	6.406" (162.7 mm)	Blue	Plastic Dipped	1" (25.4 mm)	0.31 lb (0.14 kg)
D86936	8.375" (212.7 mm)	Blue	Plastic Dipped	1-1/2" (38.1 mm)	0.67 lb (0.30 kg)

2-in-1 Reversible Adjustable Pipe Wrench

- Versatile 2-in-1 tool converts from adjustable wrench to pipe wrench by reversing the removable jaw
- Reversible jaw has teeth and an obtuse angle to work as a pipe wrench
- Pipe wrench side of jaw grips pipes and round fasteners with self-gripping angled teeth
- 1-1/2" extra-wide jaw opening in both configurations
- Standard and metric size markings for fast adjustment
- Meets ASME 107.11-2010 standards for adjustable wrenches



D86930





Cat. No.	Overall Length	Handle Color	Handle Finish	Jaw Capacity	Weight
D86930	10.25" (260.4 mm)	Blue	Plastic Dipped	1-1/2" (38 mm)	1.0 lb (0.5 kg)

Ratcheting Refrigeration Wrenches

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



86938

NEW Product



86939

Cat. No.	Overall Length	Size	Weight
68309	6.813" (173.1 mm)	3/16" and 1/4" Sq. x 1/2" and 9/16" Hex	0.43 lb (0.20 kg)
86938	5.5" (139.7 mm)	3/16" and 5/16" Sq. x 1/4" and 3/8" Sq.	0.20 lb (0.09 kg)

Additional Items

	Cat. No.	Description	Hex Size	Connector Type	Overall Length	Weight
NEW	86939	Hex Key Adapter for Refrigeration Wrench	3/16" and 5/16"	Spring Loaded Ball Bearing	2.125" (54.0 mm)	0.7 oz (20 g)

Drivers

10-in-1 Folding Screwdriver/Nut Driver

10-FOLD™

- Conveniently folds up for easy storage or to fit into your pocket
- Each driver arm contains for 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



32534

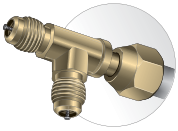
Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Other Bits	Handle Color	Weight
32534	5/16", 1/4"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	Schrader® Valve Insertion/Core Removal	Blue	0.37 lb (0.17 kg)

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

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

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





32527

Cat. No.	Nut Driver Sizes	Phillips Bits	Slotted Bits	Square Bits	Other Bits	Shank Length	Handle Color	Overall Length	Weight
32527	3/8", 5/16", 1/4"	#1, #2	1/4" (6.4 mm), 3/16" (4.8 mm)	#1, #2	Schrader® Valve Insertion/Core Removal	3" (76.2 mm)	Yellow/Black	7.75" (196.9 mm)	0.44 lb (0.20 kg)

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

8-in-1 HVAC Slide Driver™ Screwdriver/Nut Driver

- Unique, patented head slides back and forth to switch from 1/4" to 5/16" magnetic hex-head screwdriver
- Thumb nut locks tip setting
- Features a specialty bit for installation/removal of common TR-4 Schrader® valves
- Includes 1/4" and 3/8" hollow nut drivers, as well as #2 Phillips, 1/8" (3 mm) and 1/4" (6 mm) slotted screwdriver tips
- Great for HVAC applications including thermostat installation and control work
- U.S. patent 7,654,175 B2



32596



Cat. No.	Overall Length	Handle Color	Shank Length	Nut Driver Sizes	Phillips Bits	Slotted Bits	Other Bits	Weight
32596	7.5" (190.5 mm)	Yellow/Black	3.25" (82.6 mm)	1/4" Magnetic, 5/16" Magnetic, 1/4", 3/8"	#2	1/8" (3.2 mm), 1/4" (6.4 mm)	Schrader® Valve Core Removal	0.50 lb (0.2 kg)

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

Magnetic Hex Drivers

- For driving sheet metal screws
- Strong rare earth magnets for maximum holding
- 1/4" (6.4 mm) hex shank with quick release groove



86602

Cat. No.	Description	Overall Length	Weight
86600	Magnetic Hex Drivers, 1/4", 3-Pack	1.75" (44.5 mm)	0.12 lb (0.05 kg)
86601	5/16" Magnetic Hex Drivers, 3-Pack	1.75" (44.5 mm)	0.14 lb (0.06 kg)
86602	3/8" Magnetic Hex Drivers, 3-Pack	1.75" (44.5 mm)	0.16 lb (0.07 kg)
8660010	1/4" Magnetic Hex Drivers, 10-pack	1.75" (44.5 mm)	0.43 lb (0.20 kg)
8660110	Magnetic Hex Drivers, 5/16", 10-Pack	1.75" (44.5 mm)	0.49 lb (0.22 kg)
8660210	3/8" Magnetic Hex Drivers, 10-pack	1.75" (44.5 mm)	0.57 lb (0.26 kg)

See page 297 for additional information on warnings.

Holemaking Products & Accessories

Made of top-of-the-line materials for longer lasting performance, Klein's diverse line of drill bits and holemaking products and accessories provide accuracy and consistency to get the job done right.



For Professionals...
Since 1857™

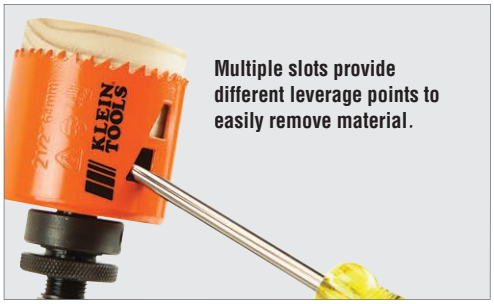
Hole Saws

Bi-Metal Hole Saws

- Optimized for cutting steel including stainless steel
- Cuts precise holes in stainless steel and mild steel, drywall, ceiling tile, laminates, wood and plastic
- Heavy-duty steel construction includes 5 mil back plate to withstand abuse
- The smallest hole saws feature hex-shaped base for easy removal from arbor



Cat. No.	Hole Diameter	Pipe Tap Size	Pipe Entrance Size	For Use With	Weight
31914	7/8" (22.2 mm)	3/4" (19.1 mm)	1/2" (12.7 mm)	31905	1.0 oz (28 g)
31918	1-1/8" (28.6 mm)	1" (25.4 mm)	3/4" (19.1 mm)	31905	1.3 oz (37 g)
31922	1-3/8" (34.9 mm)	—	1" (25.4 mm)	31905 or 31906	1.9 oz (54.4 g)
31928	1-3/4" (44.5 mm)	1-1/2" (38.1 mm)	1-1/4" (31.8 mm)	31906	1.9 oz (54.4 g)
31932	2" (50.8 mm)	—	1-1/2" (38.1 mm)	31906	2.1 oz (59.0 g)
31940	2-1/2" (63.5 mm)	—	2" (50.8 mm)	31906	2.7 oz (77.1 g)
31944	2-3/4" (69.9 mm)	—	—	31906	3.0 oz (86.2 g)
31948	3" (76.2 mm)	—	2-1/2" (63.5 mm)	31906	3.5 oz (99.8 g)
31958	3-5/8" (92.1 mm)	—	3" (76.2 mm)	31906	4.6 oz (131.5 g)
31972	4-1/2" (114.3 mm)	—	4" (101.6 mm)	31906	6.4 oz (181.4 g)
31900	6-3/8" (161.9 mm)	—	6" (152.4 mm)	31906	2.0 lb (0.9 kg)



* 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 shold 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 give npipe size to have sufficient clearance to pass through beams, walls, bulkheads, etc.

Hole-Saw Arbors and Accessories

- Cat. No. 31905 is for use with all Klein hole saws
- Cat. No. 31906 is for use with Klein hole saws 1-3/8" to 6-6/8" (35 mm to 162 mm)
- Fast and easy to engage and disengage hole saws
- Steel construction for long life
- 118° split point pilot bits
- 31905 includes arbor adaptor for 5/8"-18
- Hardened mandrels for long thread life



Cat. No.	Thread Length	Shank Diameter	Shank Style	Pins	Electric Drill Size	Weight
31905	1/2"-20	3/8"	Hexagonal	N	1/2" (12.7 mm) and Larger	2.6 oz (72.6 g)
31906	5/8"-18	7/16"	Hexagonal	Y	1/2" (12.7 mm) and Larger	2.6 oz (72.6 g)

Replacement Part

Cat. No.	Description	Weight
31907	Replacement Pilot Bit, 1/4 x 3-1/2"	0.32 oz (9.1 g)

Adjustable Hole Saw

- Quickly and smoothly cuts cleaner holes in drywall and ceiling tiles
- Blades adjust to cut holes from 2" to 7" (50.8 to 177.8 mm) in diameter
- Fits most 3/8" (9.5 mm) and 1/2" (12.7 mm) drill chucks
- No binding while cutting
- No additional tools needed to adjust the hole saw
- Dust shield catches ceiling debris (2 included)
- Hex key included



Cat. No.	Range	Weight
53731	2" to 7" (50.8 to 177.8 mm)	5.0 oz (149.6 g)

See page 297 for additional information on warnings.

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

Hole Saws

Electrician's Hole Saw Kits

- Optimized teeth pattern for fast, consistent cutting of steel including stainless steel
- Cuts precise holes in stainless steel and mild steel, drywall, ceiling tile, laminates, wood and plastic
- Heavy-duty steel construction includes 5 mil back plate to withstand abuse
- Hex-shaped base for easy removal from arbor
- Contains the most popular sizes for basic electrical work
- All components are packed in a rust-proof, molded plastic carrying case



32905

Cat. No.	Kit Contains	Weight
32905	Electrician's Hole Saw Kit with Arbor 3-Piece	2.6 lb (1.2 kg)

Cat. No.	Description
31914	Bi-Metal Hole Saw, 7/8"
31918	Bi-Metal Hole Saw, 1-1/8"
31922	Bi-Metal Hole Saw, 1-3/8"
31905	Hole Saw Arbor with Adapter, 3/8"
31907	Replacement Pilot Bit, 1/4 x 3-1/2"

Cat. No.	Kit Contains	Weight
31902	Bi-Metal Hole Saw Kit, 8-Piece	2.6 lb (1.2 kg)

Cat. No.	Description
31914	Bi-Metal Hole Saw, 7/8"
31918	Bi-Metal Hole Saw, 1-1/8"
31922	Bi-Metal Hole Saw, 1-3/8"
31928	Bi-Metal Hole Saw, 1-3/4"
31932	Bi-Metal Hole Saw, 2"
31940	Bi-Metal Hole Saw, 2-1/2"
31905	Hole Saw Arbor with Adapter, 3/8"
31906	Hole Saw Arbor With Pins, 7/16"



31902

Carbide-Tipped Hole Cutters

Carbide Hole Cutters

- Cuts quick, precise holes in stainless steel, mild steel, iron, copper and brass sheet up to 3/16" (5 mm) thick
- Smooth start pilot drill bit for greater control
- Split point pilot drill bit prevents bit walking
- Integrated flange prevents the operator from drilling beyond the sheet metal
- Ejection spring for easy slug removal



31860

Cat. No.	Hole Diameter	Conduit Sizes	Weight
31850	3/4" (19.1 mm)	—	4.0 oz (113.4 g)
31852	7/8" (22.2 mm)	1/2" (12.7 mm)	4.8 oz (136.1 g)
31856	1-1/8" (28.6 mm)	3/4" (19.1 mm)	6.4 oz (181.4 g)
31860	1-3/8" (34.9 mm)	1" (25.4 mm)	7.2 oz (204.1 g)
31866	1-3/4" (44.5 mm)	1-1/4" (31.8 mm)	11.2 oz (317.5 g)
31868	2" (50.8 mm)	1-1/2" (38.1 mm)	12.8 oz (362.9 g)
31870	2-1/2" (63.5 mm)	2" (50.8 mm)	15.2 oz (430.9 g)

Replacement Part

Cat. No.	Description	Weight
31874	Replacement Hole Cutter Pilot Bit	0.80 oz (22.7 g)

4-Piece Carbide Hole Cutter Kit

- Conduit and pipe sizes: 1/2" to 1" (12.7 to 25.4 mm)
- All components are packed in a rust-proof, molded plastic carrying case



31872

Cat. No.	Set Contains	Weight
31872		1.5 lb (0.7 kg)

Cat. No.	Hole Diameter	Conduit Sizes
31852	7/8" (22.2 mm)	1/2" (12.7 mm)
31856	1-1/8" (28.6 mm)	3/4" (19.1 mm)
31860	1-3/8" (34.9 mm)	1" (25.4 mm)
31874	Pilot Bits	—

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

Carbide-Tipped Hole Cutters

8-Piece Master Electrician's Hole Cutter Kit

- Conduit and pipe sizes: 1/2"to 2" (12.7 to 50.8 mm)
- Includes 2 pilot bits
- All components are packed in a rust-proof, molded plastic carrying case

Cat. No.	Set Contains	Weight
31873		4.3 lb (2.0 kg)

Cat. No.	Hole Diameter	Conduit Sizes
31852	7/8" (22.2 mm)	1/2" (12.7 mm)
31856	1-1/8" (28.6 mm)	3/4" (19.1 mm)
31860	1-3/8" (34.9 mm)	1" (25.4 mm)
31866	1-3/4" (44.5 mm)	1-1/4" (31.8 mm)
31868	2" (50.8 mm)	1-1/2" (38.1 mm)
31870	2-1/2" (63.5 mm)	2" (50.8 mm)
31874	Pilot Bits	—



31873

Knockout Punches

Knockout Punch Set

- Optimized design reduces wrench effort
- Slugs are split inside for easy removal
- Maximum capacity of 10 gauge mild steel. Also cuts aluminum, fiberglass and plastic
- Punches holes cleanly and accurately
- Set includes 1/2" or 3/4" punch and die with draw stud

Cat. No.	Conduit Sizes	Overall Length	Weight
53727SEN	3/4" (19.1 mm)	4" (101.6 mm)	0.98 lb (0.44 kg)
53728SEN	1/2" (12.7 mm)	2.625" (66.7 mm)	0.45 lb (0.20 kg)



53727-SEN



53728-SEN

NOTE: Lubricate threads before each use.

Knockout Punch Set with Wrench

- Set includes: 1" ratcheting wrench, knockout punches, dies and draw studs for 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2" conduit sizes
- Cutting capacity 10 gauge mild steel; also cuts aluminum, fiberglass and plastic
- Splits slugs for easy removal
- Punches holes cleanly and accurately
- Kit includes six different size knockout punches and dies, two draw studs and one ratcheting box end wrench



53732-SEN



NOTE: Lubricate threads before each use.

Cat. No.	Set Contains	Weight
53732SEN		9.0 lb (4.1 kg)

Cat. No.	Description
Punch	
53819	0.875" Knockout Punch for 1/2" Conduit
53827	1.115" Knockout Punch for 3/4 Conduit"
53837	1.362" Knockout Punch for 1" Conduit
53849	1.701" Knockout Punch for 1-1/4" Conduit
53857	1.951" Knockout Punch for 1-1/2" Conduit
53867	2.416" Knockout Punch for 2" Conduit
Die	
53820	0.875" Knockout Die for 1/2" Conduit
53828	1.115" Knockout Die for 3/4" Conduit
53838	1.362" Knockout Die for 1" Conduit
53850	1.701" Knockout Die for 1-1/4" Conduit
53858	1.951" Knockout Die for 1-1/2" Conduit
53868	2.416" Knockout Die for 2" Conduit
Additional Items	
53873	Ratcheting Box End Wrench, 1"
53871	3/8" by 2-5/8" Knockout Draw Stud
53872	Knockout Draw Stud 3/4" x 4"

See page 297 for additional information on warnings.

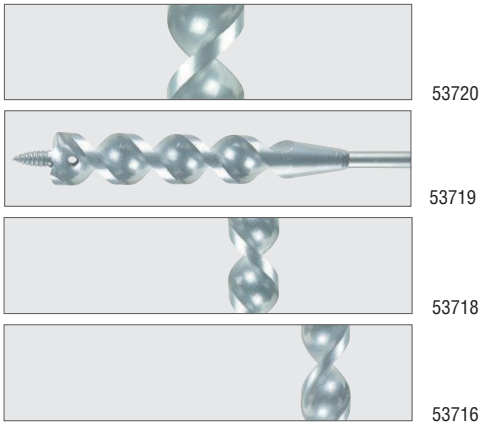
NOTE: Read and follow safety instructions in power tool owner's manual.

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



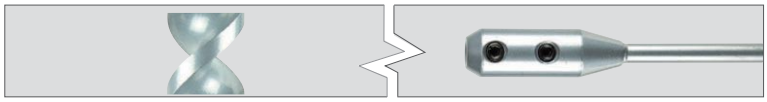
Cat. No.	Bit Diameter	Overall Length	Weight
53716	3/8" (9.5 mm)	54" (137.2 cm)	1.0 lb (0.5 kg)
53717	3/8" (9.5 mm)	72" (182.9 cm)	1.0 lb (0.5 kg)
53718	9/16" (14.3 mm)	54" (137.2 cm)	1.0 lb (0.5 kg)
53719	3/4" (19.1 mm)	54" (137.2 cm)	2.0 lb (0.9 kg)
53751	3/4" (19.1 mm)	72" (182.9 cm)	2.0 lb (0.9 kg)
53720	1" (25.4 mm)	54" (137.2 cm)	2.0 lb (0.9 kg)

Flex Bit Extensions



- Connects to the end of a flex bit and extends the length

53722



Cat. No.	Connection Diameter	For Use With	Overall Length	Weight
53722	5/8" (15.9 mm)	3/4" (19.1 mm) and Larger	54" (137.2 cm)	1.0 lb (0.5 kg)
53723	7/16" (11.1 mm)	9/16" (14.3 mm) and Smaller	54" (137.2 cm)	1.0 lb (0.5 kg)

Flex Bit Kit

- 3-piece kit includes folding placement tool, 1/2"-9/16" O.D. pulling grip and 9/16" x 54" flexible drill bit
- Everything you need to pull up to 9/16" O.D. wire
- Complete kit used for drilling and pulling wire and cable
- Use placement tool (Cat. No. 53715SEN) to guide bit through walls
- Flexible drill bit (Cat. No. 53718) makes 9/16" holes in wood
- Pulling grip attaches to the flexible drill bit after the hole has been made and pulls 1/2" - 9/16" wire and cable



53721

Cat. No.	Included	Weight
53721	Flex Bit Placement Tool, Flex Drill Bit - 9/16" x 54" (14.3 x 1371.6 mm), Pulling Grip - 1/2" - 9/16" (12.7 - 14.3 mm)	2.0 lb (0.9 kg)

See page 297 for additional information on warnings.

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

Flexible Drill Bits

Flex Bit Placement Tool

- For use with flexible drill bits
- Positions flexible drill bits horizontally or vertically within a wall
- Cushion Grip handle for non-slip comfort
- Folding design stores more compactly than standard tool



53715SEN

Cat. No.	Overall Length	Weight
53715SEN	11" (279.4 mm)	1.0 lb (0.5 kg)

Step Drill Bits

Double-Fluted High-Speed Step Drill Bits

- Two flutes cut faster and keep bit cooler
- Easy-to-read silver step rings save time when drilling common holes
- Fast-starting, non-walking drill tip
- Thick, extra-long 3/8" hex shank provides a firm, positive grip in the drill and won't spin out



High-visibility silver step rings!



KTSB01 KTSB03 KTSB11 KTSB14 KTSB15

Cat. No.	Quick Reference	Number of Holes	Increment	Size	Weight
KTSB01	#1	13	1/32" (0.8 mm)	1/8" to 1/2" (3.2 to 12.7 mm)	0.80 oz (22.7 g)
KTSB03	#3	9	1/16" (1.6 mm)	1/4" to 3/4" (6.4 to 19.1 mm)	0.15 lb (0.07 kg)
KTSB11	#11	2	—	7/8" to 1-1/8" (22.2 to 28.6 mm)	0.30 lb (0.14 kg)
KTSB14	#14	12	1/16" (1.6 mm)	3/16" to 7/8" (4.8 to 22.2 mm)	0.15 lb (0.07 kg)
KTSB15	#15	3	—	7/8" to 1-3/8" (22.2 to 34.9 mm)	0.46 lb (0.21 kg)

Ship-Auger Bits

Ship-Auger Bits with Screw Point

- Drills through nails, wood, vinyl, plastics and heavy timber
- Special bit steel with machine-ground flutes and polished edges for smooth, wobble-free boring
- Full length is heat-treated and tempered
- Deep, open-throat design clears chips for faster, cleaner cuts
- 7/16" hex shafts fit 1/2" and larger three-jaw chucks
- Head and twist are ground to correct clearance for easy removal from hole
- For heavy construction and repair work in mines, on docks and bridges, as well as electrical work



53437

Cat. No.	Bit Diameter	Twist Length	Overall Length	Weight
53402	3/4" (19.1 mm)	4" (101.6 mm)	6" (152.4 mm)	0.40 lb (0.18 kg)
53404	7/8" (22.2 mm)	4" (101.6 mm)	6" (152.4 mm)	0.50 lb (0.23 kg)
53406	1" (25.4 mm)	4" (101.6 mm)	6" (152.4 mm)	0.50 lb (0.23 kg)
53408	1-1/8" (28.6 mm)	4" (101.6 mm)	6" (152.4 mm)	0.80 lb (0.36 kg)
53437	3/4" (19.1 mm)	15" (381.0 mm)	18" (457.2 mm)	0.95 lb (0.43 kg)
53439	7/8" (22.2 mm)	15" (381.0 mm)	18" (457.2 mm)	1.2 lb (0.5 kg)
53441	1" (25.4 mm)	15" (381.0 mm)	18" (457.2 mm)	1.7 lb (0.8 kg)
53443	1-1/8" (28.6 mm)	15" (381.0 mm)	18" (457.2 mm)	1.8 lb (0.8 kg)

See page 297 for additional information on warnings.

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

Drill Bits



53128

Regular-Point 118° High-Speed Drill Bits

- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow
- Made in USA

Cat. No.	Overall Length	Bit Diameter	Flute Length	Weight
53100	1.875" (47.6 mm)	1/16" (1.59 mm)	0.875" (22.2 mm)	0.16 oz (4.5 g)
53101	2" (50.8 mm)	5/64" (2.0 mm)	1" (25.4 mm)	0.16 oz (4.5 g)
53102	2.25" (57.2 mm)	3/32" (2.4 mm)	1.25" (31.8 mm)	0.16 oz (4.5 g)
53103	2.625" (66.7 mm)	7/64" (2.8 mm)	1.5" (38.1 mm)	0.16 oz (4.5 g)
53104	2.75" (69.9 mm)	1/8" (3.2 mm)	1.625" (41.3 mm)	0.16 oz (4.5 g)
53105	2.875" (73 mm)	9/64" (3.6 mm)	1.75" (44.5 mm)	0.16 oz (4.5 g)
53106	3.125" (79.4 mm)	5/32" (4.0 mm)	2" (50.8 mm)	0.16 oz (4.5 g)
53107	3.25" (82.6 mm)	11/64" (4.4 mm)	2.125" (54 mm)	0.16 oz (4.5 g)
53108	3.5" (88.9 mm)	3/16" (4.8 mm)	2.313" (58.8 mm)	0.32 oz (9.1 g)
53109	3.625" (92.1 mm)	13/64" (5.2 mm)	2.438" (61.9 mm)	0.32 oz (9.1 g)
53110	3.75" (95.3 mm)	7/32" (5.6 mm)	2.5" (63.5 mm)	0.80 oz (22.7 g)
53111	3.875" (98.4 mm)	15/64" (6.0 mm)	2.625" (66.7 mm)	0.80 oz (22.7 g)
53112	4" (101.6 mm)	1/4" (6.4 mm)	2.75" (69.9 mm)	0.80 oz (22.7 g)
53113	4.125" (104.8 mm)	17/64" (6.7 mm)	2.875" (73 mm)	0.80 oz (22.7 g)
53114	4.25" (108 mm)	9/32" (7.1 mm)	2.938" (74.6 mm)	0.80 oz (22.7 g)
53116	4.5" (114.3 mm)	5/16" (7.9 mm)	3.188" (81 mm)	0.80 oz (22.7 g)
53117	4.625" (117.5 mm)	21/64" (8.3 mm)	3.313" (84.2 mm)	1.6 oz (45.4 g)
53118	4.75" (120.7 mm)	11/32" (8.7 mm)	3.438" (87.3 mm)	0.80 oz (22.7 g)
53119	4.875" (123.8 mm)	23/64" (9.1 mm)	3.5" (88.9 mm)	1.6 oz (45.4 g)
53120	5" (127.0 mm)	3/8" (9.5 mm)	3.625" (92.1 mm)	1.6 oz (45.4 g)
53121	5.125" (130.2 mm)	25/64" (9.9 mm)	3.75" (95.3 mm)	1.6 oz (45.4 g)
53122	5.25" (133.4 mm)	13/32" (10.3 mm)	3.875" (98.4 mm)	2.4 oz (68.0 g)
53123	5.375" (136.5 mm)	27/64" (10.7 mm)	3.938" (100 mm)	2.4 oz (68.0 g)
53124	5.5" (139.7 mm)	7/16" (11.1 mm)	4.063" (103.2 mm)	2.4 oz (68.0 g)
53125	5.625" (142.9 mm)	29/64" (11.5 mm)	4.188" (106.4 mm)	2.9 oz (82.2 g)
53126	5.75" (146.1 mm)	15/32" (11.9 mm)	4.313" (109.6 mm)	2.4 oz (68.0 g)
53127	5.875" (149.2 mm)	31/64" (12.3 mm)	4.375" (111.1 mm)	3.2 oz (90.7 g)
53128	6" (152.4 mm)	1/2" (12.7 mm)	4.5" (114.3 mm)	3.2 oz (90.7 g)

Anchors

Conical Anchor Kit

- Kit contains: 100 #2 Phillips Screws, and 100 plastic anchors
- 1/4" Masonry drill bit also included



53729

Cat. No.	Anchor Size	Screw Size	Tip Size	Weight
53729	#10 - #12	#10 x 1" (25.4 mm)	1/4" (6.4 mm)	1.0 lb (0.5 kg)

Drill Bit Sets



53000

29-Piece Regular-Point Drill-Bit Set

- Hinged metal box with three stand-up bit holders
- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow
- Made in USA

Cat. No.	Set Contains			Weight
53000				3.3 lb (1.5 kg)
	Cat. No.	Bit Diameter	Flute Length	
	53100	1/16" (1.59 mm)	0.875" (22.2 mm)	
	53101	5/64" (2.0 mm)	1" (25.4 mm)	
	53102	3/32" (2.4 mm)	1.25" (31.8 mm)	
	53103	7/64" (2.8 mm)	1.5" (38.1 mm)	
	53104	1/8" (3.2 mm)	1.625" (41.3 mm)	
	53105	9/64" (3.6 mm)	1.75" (44.5 mm)	
	53106	5/32" (4.0 mm)	2" (50.8 mm)	
	53107	11/64" (4.4 mm)	2.125" (54 mm)	
	53108	3/16" (4.8 mm)	2.313" (58.8 mm)	
	53109	13/64" (5.2 mm)	2.438" (61.9 mm)	
	53110	7/32" (5.6 mm)	2.5" (63.5 mm)	
	53111	15/64" (6.0 mm)	2.625" (66.7 mm)	
	53112	1/4" (6.4 mm)	2.75" (69.9 mm)	
	53113	17/64" (6.7 mm)	2.875" (73 mm)	
	53114	9/32" (7.1 mm)	2.938" (74.6 mm)	
	53115	19/64" (7.4 mm)	3-1/16" (77.8 mm)	
	53116	5/16" (7.9 mm)	3.188" (81 mm)	
	53117	21/64" (8.3 mm)	3.313" (84.2 mm)	
	53118	11/32" (8.7 mm)	3.438" (87.3 mm)	
	53119	23/64" (9.1 mm)	3.5" (88.9 mm)	
	53120	3/8" (9.5 mm)	3.625" (92.1 mm)	
	53121	25/64" (9.9 mm)	3.75" (95.3 mm)	
	53122	13/32" (10.3 mm)	3.875" (98.4 mm)	
	53123	27/64" (10.7 mm)	3.938" (100 mm)	
	53124	7/16" (11.1 mm)	4.063" (103.2 mm)	
	53125	29/64" (11.5 mm)	4.188" (106.4 mm)	
	53126	15/32" (11.9 mm)	4.313" (109.6 mm)	
	53127	31/64" (12.3 mm)	4.375" (111.1 mm)	
	53128	1/2" (12.7 mm)	4.5" (114.3 mm)	

See page 297 for additional information on warnings.

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

Drill Bit Sets

15-Piece Regular-Point Drill-Bit Set

- Hinged metal box with two stand-up bit holders
- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow
- Made in USA

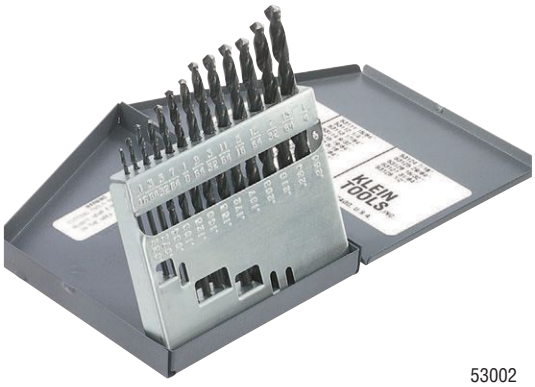


53001

Cat. No.	Set Contains			Weight
53001				2.0 lb (0.9 kg)
	Cat. No.	**Bit Diameter**	**Flute Length**	
	53100	1/16" (1.59 mm)	0.875" (22.2 mm)	
	53102	3/32" (2.4 mm)	1.25" (31.8 mm)	
	53104	1/8" (3.2 mm)	1.625" (41.3 mm)	
	53106	5/32" (4.0 mm)	2" (50.8 mm)	
	53108	3/16" (4.8 mm)	2.313" (58.8 mm)	
	53110	7/32" (5.6 mm)	2.5" (63.5 mm)	
	53112	1/4" (6.4 mm)	2.75" (69.9 mm)	
	53114	9/32" (7.1 mm)	2.938" (74.6 mm)	
	53116	5/16" (7.9 mm)	3.188" (81 mm)	
	53118	11/32" (8.7 mm)	3.438" (87.3 mm)	
	53120	3/8" (9.5 mm)	3.625" (92.1 mm)	
	53122	13/32" (10.3 mm)	3.875" (98.4 mm)	
	53124	7/16" (11.1 mm)	4.063" (103.2 mm)	
	53126	15/32" (11.9 mm)	4.313" (109.6 mm)	
	53128	1/2" (12.7 mm)	4.5" (114.3 mm)	

13-Piece Regular-Point Drill-Bit Set

- Hinged metal box with one stand-up bit holder
- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Made in USA



53002

Cat. No.	Set Contains			Weight
53002				0.60 lb (0.27 kg)
	Cat. No.	**Bit Diameter**	**Flute Length**	
	53100	1/16" (1.59 mm)	0.875" (22.2 mm)	
	53101	5/64" (2.0 mm)	1" (25.4 mm)	
	53102	3/32" (2.4 mm)	1.25" (31.8 mm)	
	53103	7/64" (2.8 mm)	1.5" (38.1 mm)	
	53104	1/8" (3.2 mm)	1.625" (41.3 mm)	
	53105	9/64" (3.6 mm)	1.75" (44.5 mm)	
	53106	5/32" (4.0 mm)	2" (50.8 mm)	
	53107	11/64" (4.4 mm)	2.125" (54 mm)	
	53108	3/16" (4.8 mm)	2.313" (58.8 mm)	
	53109	13/64" (5.2 mm)	2.438" (61.9 mm)	
	53110	7/32" (5.6 mm)	2.5" (63.5 mm)	
	53111	15/64" (6.0 mm)	2.625" (66.7 mm)	
	53112	1/4" (6.4 mm)	2.75" (69.9 mm)	

See page 297 for additional information on warnings.

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

Saws & Blades

Saws and blades from Klein are designed with the professional user in mind, providing superior results with less effort.



For Professionals...
Since 1857™



Saws & Blades

High-Tension Hacksaw

- Adjustable blade tension up to 30,000 PSI for fast, precise cuts
- Soft-touch grips
- Alternative 45° mounting for flush cutting
- Front mount for reciprocating saw blades
- Blade storage in handle
- Includes 12" x 24 TPI bi-metal hack saw blade and 6" x 24 TPI bi-metal reciprocating saw blade



702-12

Cat. No.	Blade Length	Overall Length	Weight
702-12	12" (304.8 mm)	16.25" (412.8 mm)	1.5 lb (0.7 kg)

Dual-Purpose Hacksaw - Golden Tri-Cut™ 3-in-1 Blade

- Blade has three teeth sizes
- Blade converts quickly to 90° or 45° for standard or flush-cut applications
- Pivot-lock adjusts blade tension for straighter cuts and longer blade life
- Set screw allows for storage of extra blades and secures blade for “jab” sawing
- Thumb guard for two-hand sawing
- Made in USA



701-S



Blade has three teeth sizes

Cat. No.	Blade Length	Overall Length	Weight
701-S	12" (304.8 mm)	16" (406.4 mm)	1.5 lb (0.7 kg)

Bi-Metal Blades



1224BI

- Special high-speed steel teeth fused to 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
- Available in box of 100 blades or in a reclosable, heavy-vinyl, seal-tight pouch of 10 blades
- Made in USA

Cat. No.	Teeth Per Inch	Overall Length	Package Quantity	Weight
1218BI-P	18	12" (304.8 mm)	10	0.45 lb (0.20 kg)
1224BI-P	24	12" (304.8 mm)	10	0.45 lb (0.20 kg)
1232BI-P	32	12" (304.8 mm)	10	0.45 lb (0.20 kg)
1218BI	18	12" (304.8 mm)	100	4.5 lb (2.0 kg)
1224BI	24	12" (304.8 mm)	100	4.5 lb (2.0 kg)
1232BI	32	12" (304.8 mm)	100	4.5 lb (2.0 kg)

Golden Tri-Cut™ Blades



1200BI



Blade has three teeth sizes

- Unique design provides three teeth sizes on one blade
- Has 32 teeth/inch for quick starts, along with 24 teeth/inch and 18 teeth/inch for fast and smooth conventional cutting
- Special high-speed steel teeth fused to carbon-steel provide superior cutting action and long life
- Available in box of 100 blades or in a reclosable, heavy-vinyl, seal-tight pouch of ten blades
- Made in USA

Cat. No.	Teeth Per Inch	Overall Length	Package Quantity	Weight
1200BI-P	32-24-18	12" (304.8 mm)	10	0.45 lb (0.20 kg)
1200BI	32-24-18	12" (304.8 mm)	100	4.5 lb (2.0 kg)

See page 297 for additional information on warnings.



Saws & Blades

Reciprocating Saw Blades

- Bi-metal blades offer different cutting applications of steel and wood
- Bi-metal construction for long cutting life
- Heat and wear resistant
- Shock resistant teeth resist strippage
- 1/2" universal shank to fit all popular reciprocating saw tools
- Made in USA



31716



31728

Cat. No.	Application	Teeth Per Inch	Blade Length	Blade Width	Blade Thickness	Package Quantity	Weight
31716	Wood with Nails	6	6" (152.4 mm)	0.75" (19.1 mm)	0.050" (1.27 mm)	5	0.23 lb (0.10 kg)
31751	Wood, Wood with Nails	6	9" (228.6 mm)	0.75" (19.1 mm)	0.05" (1.27 mm)	5	0.30 lb (0.14 kg)
31761	Wood with Nails	6	12" (304.8 mm)	0.75" (19.1 mm)	0.05" (1.27 mm)	5	0.50 lb (0.23 kg)
31731	Wood with Nails, Heavy Gauge Metals	10/14	6" (152.4 mm)	0.75" (19.1 mm)	0.050" (1.27 mm)	5	0.25 lb (0.11 kg)
31741	Wood with Nails, Heavy Gauge Metals	10/14	8" (203.2 mm)	0.75" (19.1 mm)	0.05" (1.27 mm)	5	0.40 lb (0.18 kg)
31727	Heavy Gauge Metals	14	6" (152.4 mm)	0.75" (19.1 mm)	0.035" (0.89 mm)	5	0.25 lb (0.11 kg)
31755	Heavy Gauge Metals	14	9" (228.6 mm)	1" (25.4 mm)	0.042" (1.07 mm)	5	0.50 lb (0.23 kg)
31728	Heavy Gauge Metals	18	6" (152.4 mm)	0.75" (19.1 mm)	0.035" (0.89 mm)	5	0.41 lb (0.19 kg)
31739	Heavy Gauge Metals	18	8" (203.2 mm)	0.75" (19.1 mm)	0.035" (0.89 mm)	5	0.30 lb (0.14 kg)
31734	18 Gauge and Under	24	6" (152.4 mm)	0.75" (19.1 mm)	0.035" (0.89 mm)	5	0.10 lb (0.05 kg)

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

Magic-Slot Compass Saws

- Magic-Slot design allows fast blade changing without removing thumbscrew
- Strong, lightweight, die-cast zinc handle with blue finish is contoured for comfort
- Cat. No. 703 comes with Cat. No. 706 8" blade
- Cat. No. 702 can be used with Magic-Slot cut-in or general-purpose blades only
- Made in USA



703

Cat. No.	Teeth Per Inch	Overall Length	Weight
703	10	13" (330.2 mm)	1.2 lb (0.5 kg)
Magic-Slot Compass Saw Handle			
702	702	5" (127.0 mm)	1.1 lb (0.5 kg)

Compass Saw Replacement Blades

- For cutting through wallboard or Masonite to install wiring, outlet boxes, etc.
- Tough high-quality carbon steel
- Fits Magic-Slot compass saw handle Cat. No. 702



709

Cat. No.	Teeth Per Inch	Blade Length	Weight
704	8	12" (304.8 mm)	0.14 lb (0.06 kg)
705	10	12" (304.8 mm)	0.14 lb (0.06 kg)
706	10	8" (203.2 mm)	1.4 oz (40 g)
707	10	10" (254.0 mm)	0.12 lb (0.05 kg)
709	10	4" (101.6 mm)	1.0 oz (28 g)

See page 297 for additional information on warnings.

Saws & Blades

Jab Saws

- Cuts drywall, wallboard, plywood and plastic and other construction materials
- Faster cutting blade with triple ground teeth and ability to cut in both directions (push and pull)
- Folding Jab Saw (Cat. No. 31737) is as sturdy as fixed blade jab saws, with a lockback mechanism to secure the blade open at 125° and fully open at 180°
- Hardened, carbon-steel blade for durability
- Hardened, beveled blade point for scoring and plunge cuts
- Comfort cushioned grip handle
- Flat-end grip for palming or punching through drywall



725

NEW Product

PTIA 2018 TOOL INNOVATION AWARDS WINNER



31737

Folding Jab Saw blade securely locks at 125° and 180 °



Folding Jab Saw shown closed, prevents punctures to tool bags

	Cat. No.	Description	Blade Length	Overall Length	Weight
NEW	31737	Folding Jab Saw	5.2" (132.1 mm)	11.9" (302.6 mm)	0.54 lb (0.25 kg)
	725	Jab Saw	6" (152.4 mm)	12" (304.8 mm)	0.31 lb (0.14 kg)



See page 297 for additional information on warnings.

Knives & Cutting Tools

Klein provides a wide range of knives, scissors and other cutting tools for professional applications across all trades.



For Professionals...
Since 1857™

Pocket Knives

Assisted-Open Pocket Knives

- Cat. No. 44213 features a bearing-assisted opening mechanism for smooth deployment of the blade and ambidextrous flip-lever for easy one-finger opening
- Cat. No. 44223 features a spring-loaded opening mechanism for quick deployment of the blade, dual thumb studs for both left- and right-hand opening and safety lock keeps blade closed
- Low-carry pocket clip allows the knife to sit low and out of the way
- Lanyard hole for secure tethering
- Blade secures open with a frame lock (Cat. No. 44213) or a liner lock (Cat. No. 44223)



44213



44223

	Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
NEW	44213	Tanto	3.4" (86.4 mm)	420HC Stainless Steel	Stainless Steel	4.6" (117 mm)	8.0" (203.2 mm)	2.2 oz (62 g)
NEW	44223	Half-Serrated Drop Point	3.5" (88.9 mm)	440A Stainless Steel	Anodized Aluminum	4.6" (116.8 mm)	8.1" (205.7 mm)	5.3 oz (150 g)

Rugged Pocket Knives

- Liner lock secures blade in open position
- Rugged handle with rubber finger grip
- Lanyard hole allows knife to be tethered
- Low-carry pocket clip

REALTREE Xtra

Realtree AP-XTRA Camouflage Design
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44220



44222

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
44220	Drop Point	3.5" (88.9 mm)	440A Stainless Steel	Anodized Aluminum	4.703" (119.5 mm)	8.203" (208.4 mm)	5.0 oz (142 g)
44222	Tanto	3.5" (88.9 mm)	440A Stainless Steel	Nylon/Rubber	4.703" (119.5 mm)	8.203" (208.4 mm)	4.0 oz (113 g)

Electrician's Pocket Knives

- Liner lock secures blade in open position
- Stripping notches on the back of the blade
- Low-carry pocket clip
- Cat. No. 44217 has a No. 2 Phillips driver



STRIPPING NOTCHES
10-14 AWG Solid and
12-16 AWG Stranded



44201


44217

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
44201	Drop Point	3.375" (85.7 mm)	440A Stainless Steel	Anodized Aluminum	4.7" (119.4 mm)	7.969" (202.4 mm)	4.8 oz (136 g)
44217	Drop Point	3.375" (85.7 mm)	440A Stainless Steel	Anodized Aluminum	4.7" (119.4 mm)	10" (254.0 mm)	7.0 oz (187 g)

See page 297 for additional information on warnings.

⚠WARNING: Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. **Check local laws on legality of selling or possesing these knives.**

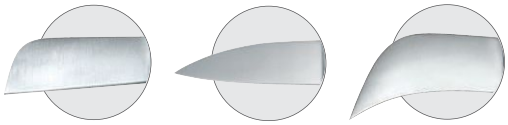
Pocket Knives

Silver Aluminum Lockback Knives

- Lockback secures blade in open position
- Reversible thumb stud for easy one-hand opening
- Cat. Nos. 44001, 44006, 44007 include removable pocket clip



44000



Coping Blade | Drop Point Blade | Hawkbill Blade

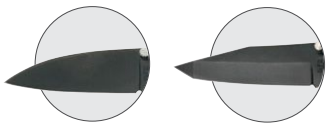
Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
44000	Drop Point	2.25" (57.2 mm)	AUS 8 Stainless Steel	Anodized Aluminum	3.125" (79.4 mm)	5.5" (139.7 mm)	1.5 oz (43 g)
44001	Drop Point	2.5" (63.5 mm)	AUS 8 Stainless Steel	Anodized Aluminum	3.5" (88.9 mm)	6.125" (155.6 mm)	2.6 oz (74 g)
44006	Hawkbill	2.625" (66.7 mm)	AUS 8 Stainless Steel	Anodized Aluminum	3.875" (98.4 mm)	6.625" (168.3 mm)	1.3 oz (37 g)
44007	Coping	2.5" (63.5 mm)	AUS 8 Stainless Steel	Anodized Aluminum	3.5" (88.9 mm)	6.125" (155.6 mm)	1.5 oz (43 g)

Black Aluminum Lockback Knives

- Lockback secures blade in open position
- Black stainless-steel blade and black anodized-aluminum handle
- Reversible thumb stud for easy one-hand opening
- Cat. Nos. 44001-BLK and 44052-BLK include removable pocket clip



44000-BLK



Drop Point Blade | Tanto Blade

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
44000-BLK	Drop Point	2.25" (57.2 mm)	AUS 8 Stainless Steel	Anodized Aluminum	3.125" (79.4 mm)	5.5" (139.7 mm)	1.1 oz (31 g)
44001-BLK	Drop Point	2.5" (63.5 mm)	AUS 8 Stainless Steel	Anodized Aluminum	3.5" (88.9 mm)	6.125" (155.6 mm)	1.5 oz (43 g)
44052BLK	Tanto	2.563" (65.1 mm)	AUS 8 Stainless-Steel	Anodized Aluminum	3.5" (88.9 mm)	6.125" (155.6 mm)	4.8 oz (136 g)

Lockback Knives

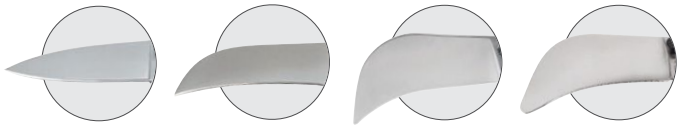
- Lockback secures blade in open position
- Impact-resistant nylon resin handle with rubber insert
- Reversible thumb stud for easy one-hand opening
- Cat. Nos. 44005C and 44005RC include pocket clip



44002



44005RC



Drop Point Blade | Sheepsfoot Blade | Hawkbill Blade | Hawkbill — Rounded Tip Blade



POCKET CLIP AVAILABLE ON
44005C
44005RC

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
44002	Drop Point	2.375" (60.3 mm)	AUS 8 Stainless-Steel	Nylon Resin	3.5" (88.9 mm)	6" (152.4 mm)	1.5 oz (43 g)
44003	Drop Point	2.75" (69.9 mm)	AUS 8 Stainless Steel	Nylon Resin	4.125" (104.8 mm)	7" (177.8 mm)	2.6 oz (74 g)
44004	Sheepsfoot	2.5" (63.5 mm)	AUS 8 Stainless Steel	Nylon Resin	3.5" (88.9 mm)	6" (152.4 mm)	1.5 oz (43 g)
44005	Hawkbill	2.625" (66.7 mm)	AUS 8 Stainless Steel	Nylon Resin	4.203" (106.8 mm)	6.75" (171.5 mm)	2.6 oz (74 g)
44005R	Hawkbill - Rounded Tip	2.625" (66.7 mm)	AUS 8 Stainless Steel	Nylon Resin	4.203" (106.8 mm)	6.75" (171.5 mm)	2.6 oz (74 g)
44005RC	Hawkbill - Rounded Tip	2.625" (66.7 mm)	AUS 8 Stainless Steel	Nylon Resin	4.203" (106.8 mm)	6.75" (171.5 mm)	2.6 oz (74 g)
44005C	Hawkbill with Clip	2.625" (66.7 mm)	AUS 8 Stainless Steel	Nylon Resin	4.203" (106.8 mm)	6.75" (171.5 mm)	2.2 oz (62.4 g)

⚠**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. **Check local laws on legality of selling or possesing these knives.**

See page 297 for additional information on warnings.

Pocket Knives

Compact Pocket Knife

- Lockback secures blade in open position
- Corrosion resistant black aluminum handle
- Reversible thumb stud for easy one-hand opening
- Lanyard hole allows knife to be tethered
- Low-carry pocket clip



44142

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
44142	Drop Point	2.875" (73 mm)	440A Stainless Steel	Aluminum	3.8" (96.5 mm)	6.75" (171.5 mm)	0.14 oz (4.0 g)

Stainless Steel Compact Knives

- Lockback secures blade in open position
- High-grade stainless steel handle with rosewood inlay
- Lightweight and compact



44032

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
44032	Drop Point	1.625" (41.3 mm)	Stainless Steel	Stainless Steel	2.406" (61.1 mm)	4.25" (108 mm)	1.0 oz (28 g)
44033	Drop Point	2.25" (57.2 mm)	Stainless Steel	Stainless Steel	3" (76.2 mm)	5.25" (133.4 mm)	1.8 oz (51 g)
44034	Drop Point	3" (76.2 mm)	Stainless Steel	Stainless Steel	4" (101.6 mm)	7" (177.8 mm)	4.0 oz (113 g)

Wood Grain Handle Pocket Knives

- Liner lock secures blade in open position
- Durable plastic handle with faux wood grain
- Shackle allows knife to be tethered



1550-4



1550-11



1550-44

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
1550-4	Hawkbill	2.625" (66.7 mm)	Carbon Steel	Plastic	4.141" (105.2 mm)	6.125" (155.6 mm)	4.0 oz (113 g)
1550-11	Coping	2.25" (57.2 mm)	Carbon Steel	Plastic	3.25" (82.6 mm)	5.5" (139.7 mm)	1.5 oz (43 g)
1550-44	Hawkbill	2.625" (66.7 mm)	Stainless Steel	Plastic	3.5" (88.9 mm)	6.125" (155.6 mm)	4.0 oz (113 g)

Slitting Pocket Knife

- Liner lock secures blade in open position
- Durable plastic handle
- Shackle allows knife to be tethered



1550-24

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
1550-24	Hawkbill	2.75" (69.9 mm)	Stainless Steel	Plastic	4.5" (114.3 mm)	6.75" (171.5 mm)	2.6 oz (74 g)

See page 297 for additional information on warnings.

⚠WARNING: Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. **Check local laws on legality of selling or possesing these knives.**

Pocket Knives

Sportsman Knives

- Lockback secures blade in open position
- Wood handle with brass holsters
- Cat. No. 44037 has a leather case with belt loop



44037

Cat. No.	Blade Type	Blade Length	Blade Material	Handle Material	Length Closed	Overall Length	Weight
44036	Clip Point	2.625" (66.7 mm)	Stainless Steel	Ebony Wood	3.75" (95.3 mm)	6.375" (161.9 mm)	2.6 oz (74 g)
44037	Clip Point	3.375" (85.7 mm)	Stainless Steel	Ebony Wood	5" (127.0 mm)	8.75" (222.3 mm)	6.6 oz (187 g)

Pocket Knives – Multi-Blade

2-Blade Pocket Knife - Spearpoint and Screwdriver-Tip Blades

- Standard spearpoint blade - 2-1/2" (63.5 mm) long
- Screwdriver-tip blade - 2-1/2" (63.5 mm) long
- Screwdriver-tip blade locks open



1550-2

Cat. No.	Blade Length	Material	Length Closed	Overall Length	Weight
1550-2	2.5" (63.5 mm)	Carbon Steel	3.75" (95.3 mm)	6.625" (168.3 mm)	4.0 oz (113 g)

3-Blade Pocket Knife - Sheepsfoot, Spearpoint and Screwdriver-Tip Blades

- Curved sheepsfoot skinning blade - 2-3/8" (60 mm) long
- Standard spearpoint blade - 2-1/2" (64 mm) long
- Screwdriver-tip blade - 2-1/2" (64 mm) long
- Screwdriver blade locks open



1550-6

Cat. No.	Blade Length	Material	Length Closed	Overall Length	Weight
1550-6	2.375" (60.3 mm), 2.5" (63.5 mm)	Carbon Steel	3.75" (95.3 mm)	6.5" (165.1 mm)	5.0 oz (142 g)

⚠WARNING: Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. **Check local laws on legality of selling or possesing these knives.**

See page 297 for additional information on warnings.

Pocket Knives – Multi-Tool

Hybrid Pliers Multi-Tool

- Includes: hybrid pliers, wire cutter, wire stripper, pocket knife, No. 2 Phillips screwdriver, slotted screwdriver, metal splinter remover
- Features a wide, knurled plier head to easily grab and twist wires
- Strips 10-14 AWG solid and 12-16 AWG stranded wire
- 3" (76 mm) drop point knife blade is accessible without opening the tool
- Both the slotted driver and No. 2 Phillips driver tuck neatly in the handle
- Liner lock keeps knife blade securely in the open position
- Metal splinter remover stores in the durable aluminum handle
- Seven (7) most used functions in one compact everyday-carry multi-tool
- Fits with Knife Holder Cat. No. 5248

NEW Product

PTIA 2018 TOOL INNOVATION AWARDS WINNER



44216

	Cat. No.	Blade Length	Material	Length Closed	Overall Length	Weight
NEW	44216	3" (76.2 mm)	Stainless Steel and Aluminum	4.5" (114.3 mm)	7.3" (185.4 mm)	12.1 oz (343 g)

Trip-Saver™ Multi-Tool

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



1016

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

Cat. No.	Blade Length	Material	Length Closed	Overall Length	Weight
1016	1.875" (47.6 mm); 2.5" (63.5 mm)	Stainless Steel	5.75" (146.1 mm)	5.75" (146.1 mm)	15.2 oz (431 g)

Utility Knives

Camouflage Assisted-Open Folding Utility Knife

- Realtree Xtra® Camo design handle with rubber grip and TPR overmold for a secure grip
- Rugged, heavy-duty and durable construction
- Spring-assisted opening with dual thumb stud for right- or left-handed use
- Blade locks when in closed position
- Low carry pocket clip
- Lanyard hole



44135

Cat. No.	Overall Length	Length Closed	Weight
44135	7" (177.8 mm)	6.25" (158.8 mm)	7.5 oz (213 g)

REALTREE Xtra

Realtree AP-XTRA Camouflage Design
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See page 297 for additional information on warnings.

⚠**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. **Check local laws on legality of selling or possesing these knives.**

Utility Knives

Folding Utility Knife

- Push button to easily open and close
- Rugged, heavy-duty and durable construction
- Contains a wire stripping notch
- High quality triple ground blades stay sharp longer
- Rubber grips on handle for improved control and comfort
- The bright orange handle color makes this knife easy to find in a tool bag or pouch



44131

Cat. No.	Overall Length	Length Closed	Weight
44131	6.25" (158.8 mm)	4" (101.6 mm)	4.3 oz 122 g)

Auto-Loading Folding Retractable Utility Knife

- Auto-loading blade for faster and safer blade changes
- Internal blade storage holds and includes 3 blades
- Rubber grips on handle for improved control and comfort
- High quality triple ground blades stay sharp longer
- Lock release to close knife
- Equipped with belt clip



44130



Cat. No.	Overall Length	Length Closed	Weight
44130	7.125" (181 mm)	4.125" (104.8 mm)	7.5 oz (213 g)

Auto-Retracting Utility Knife

- Rugged, heavy-duty and durable construction
- Knife incorporates a wire-stripping notch
- Safety yellow handle for greater visibility
- Blade removal/insertion without disassembly
- Blade retracts fully into housing when cut is complete





44136

Blade retracts fully into housing when cut is complete.



Cat. No.	Overall Length	Length Closed	Weight
44136	5.75" (146.1 mm)	5.672" (144.1 mm)	7.0 oz (187 g)

Klein Kurve™ Retractable Utility Knife

- Rugged, heavy-duty and durable construction
- Contains a wire-stripping notch
- Internal blade storage includes and holds 6 blades
- High quality triple ground blades stay sharp longer
- Rubber grips on handle for improved control and comfort
- Designed for improved cutting ability





44133

Cat. No.	Overall Length	Length Closed	Weight
44133	7" (177.8 mm)	6.5" (165.1 mm)	7.5 oz (213 g)

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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
- Leather holder available, Cat. No. 5185

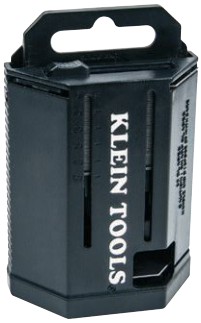


44100

Cat. No.	Overall Length	Length Closed	Weight
44100	6.625" (168.3 mm)	6" (152.4 mm)	3.5 oz (99 g)

Utility Knife Blade Dispenser

- 50 blades included
- High quality triple ground blades stay sharp longer
- Gauge on dispenser indicates blades remaining
- Convenient interim storage for used blades
- Blades are compatible with all standard utility knives

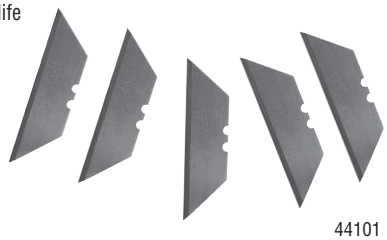


44103

Cat. No.	Overall Width	Dimensions	Weight
44103	1.297" (32.9 mm)	4-21/64" x 2-51/64" x 1-19/64" (109.9 x 71.0 x 32.9 mm)	1.0 lb (0.45 kg)

Utility Knife Blades

- Heavy-duty razor-edged blades
- Universal size fits Klein and most other makes of utility knives
- Blades are reversible for extra life
- Blades made in the U.S.A.



44101

Cat. No.	Blade Length	Blade Thickness	Package Quantity	Weight
44101	2.438" (61.9 mm)	0.025" (0.6 mm)	5	0.8 oz (23 g)

Cable Knives

Cable Skinning Utility Knife with Replaceable Blade

- Heavy-duty sheepsfoot blade is replaceable to eliminate the need for sharpening
- Blade locks securely by a captive lock screw, making it as a solid as a fixed-blade knife
- Thumb stud for easy opening
- Handle has rubber exterior for increased grip
- A lock-back design securely locks the blade in the open position
- Pocket clip for easy storage and convenient access
- Replacement blades available in pack of 3 (Cat. No. 44219)



44218

Cat. No.	Special Features	Blade Length	Overall Length	Blade Material	Handle Color	Weight
44218	Replaceable Blade Knife	2.5" (63.5 mm)	7.797" (198 mm)	440A Stainless Steel	Orange/Black	5.8 oz (164 g)

Replacement Blades

Cat. No.	Blade Length	Blade Type	Package Quantity	Weight
44219	2.5" (63.5 mm)	Hawkbill	3	0.5 oz (14.1 g)
44138	2.0" (49.2 mm)	Coping	3	1.6 oz (45 g)

See page 297 for additional information on warnings.

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Cable Knives

Cable/Lineman's Skinning Knives

- Cat. Nos. 1570-3 and 1570-3LR feature three-inch steel blades that withstand frequent scoring and slitting of cable jacket
- Notch on blade back for scraping or removing wire insulation
- Comfortable textured handle with finger grooves and guard
- No contact between stainless steel ring and hardened steel blade (Cat. No. 1570-3)
- Rectangle-shaped handle design for attachment to some utility hot stick equipment
- Leather sheath available, Cat. No. 5163 only for Cat. Nos. 1570-3 and 1570-3LR
- Cat. No. 1580-3 has a 2" (50.8 mm) blade for increased control when scoring and slitting cable jacket and an ergonomic handle for maximum comfort



1570-3



1570-3LR



1580-3

Cat. No.	Special Features	Blade Length	Overall Length	Blade Material	Handle Color	Weight
1570-3	Hook Blade, Notch, and Ring	3" (76.2 mm)	8" (203.2 mm)	Steel	Black	4.8 oz (136 g)
1570-3LR	Hook Blade and Notch	3" (76.2 mm)	8" (203.2 mm)	Steel	Black	4.6 oz (130 g)
1580-3	Hook Blade, Notch, and Ring	2.047" (52 mm)	8.75" (222.3 mm)	Steel	Black	4.5 oz (128 g)

Cable-Sheath Splitting Knife

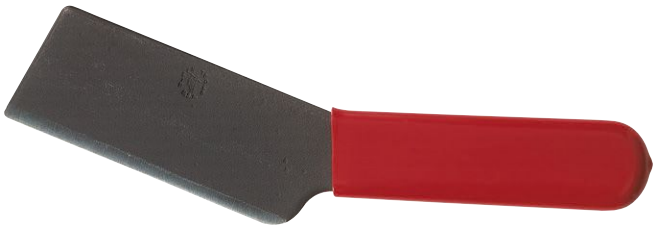
- Compact, lightweight knife for opening lead cables
- Rugged, forged tempered cutlery steel blade
- Sharp chisel-shaped edge
- Hammer head on back
- Plastic-dipped handles for comfort
- Leather guard available, Cat. No. 5574S


1515-S

Cat. No.	Blade Length	Overall Length	Weight
1515-S	2.75" (69.9 mm)	7.375" (187.3 mm)	0.35 lb (0.16 kg)

Bell System Cable-Sheath Splitting Knife - Heavy-Duty

- Heavy-duty knife for splitting cable sheaths
- Rugged, forged tempered cutlery steel blade
- Sharp chisel-shaped edge
- Plastic-dipped handles for comfort
- Leather guard available, Cat. No. 5574L


1515-1

Cat. No.	Blade Length	Overall Length	Weight
1515-1	4.5" (114.3 mm)	9" (228.6 mm)	1.2 lb (0.5 kg)

See page 297 for additional information on warnings.

Cable Knives

Cable-Splicer's Knife

- Special-purpose short blade with comfortable, full-sized, heavy-duty handle
- Coping-type blade made of the finest cutlery steel, tough and carefully tempered to hold its edge
- Handle is textured for comfort and firm grip
- Hang hole for easy storage and portability



44200

Cat. No.	Blade Length	Overall Length	Weight
44200	1.75" (44.5 mm)	6.25" (158.8 mm)	0.15 lb (0.07 kg)

Cable-Splicer's Kits

- Cuts cable, telephone wire, and strips insulation
- Dimensions: 2-1/8" (54 mm) x 7-1/2" (190.5 mm)

Cat. No.	Kit Contains	Weight
46037	Cable Splicer's Kit	8.0 oz (227 g)

Cat. No.	Description
44200	Cable Splicer's Knife, 6-1/2"
2100-7	Electrician's Scissors, Nickel Plated
5187	Scissors and Cable Splicer's Knife Holder

Cat. No.	Kit Contains	Weight
46039	Cable Splicer's Kit with Free-Fall Snip	9.3 oz (264 g)

Cat. No.	Description
44200	Cable Splicer's Knife, 6-1/2"
21010	Free-Fall Snip
5187	Scissors and Cable Splicer's Knife Holder



46037



46039

Specialty Knife

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 Length	Blade Material	Weight
DK06	5.5" (139.7 mm)	Stainless Steel	8.5 oz (241 g)

See page 297 for additional information on warnings.

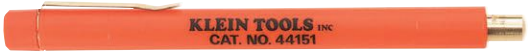
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Sharpening Tools

Pocket-Sized Knife Sharpener

- Versatile sharpener featuring fine craftsmanship and unique design
- Sharpening rod unscrews and stores in handle for convenient carrying in tool box, pouch, or pocket
- Sharpening rod is precision-cut, hard-chromed steel for accurate, consistent sharpening and long life
- Magnetized to trap metal particles when sharpening
- Handle is a high-visibility orange color with handy pocket clip

PRODUCT SHOWN CLOSED





PRODUCT SHOWN OPEN

44151

Cat. No.	Blade Length	Overall Length	Overall Width	Blade Material	Handle Length	Weight
44151	3.75" (95.3 mm)	9.5" (241.3 mm)	0.5" (12.7 mm)	Steel	5.5" (139.7 mm)	0.80 oz (22.7 g)

Combination Knife and Scissors Sharpener

- High-grade, tungsten-carbide inserts sharpen both sides of the blade at the same time
- Restores knife edge in three or four strokes
- Built-in finger guard helps to protect your hand
- Lightweight, compact size for easy carrying and storage
- Sharpens electrician's scissors, pocket knives, retractable-blade utility knives, razor blade knives and serrated knives



48036

Cat. No.	Overall Length	Overall Width	Weight
48036	4" (101.6 mm)	2.25" (57.2 mm)	0.10 lb (0.05 kg)

⚠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.

Electrician's Scissors

Electrician's Scissors

- Nickel plated to resist corrosion (Cat. Nos. 2100-5 and 2100-7)
- Notches for stripping 19 AWG and 23 AWG wire on the upper blade (Cat. Nos. 2100-7, 2100-8 and 2100-9)
- Extended handle to provide comfort and cutting leverage (Cat. No. 2100-8)



2100-5



2100-7



2100-8



2100-9

Cat. No.	Special Features	Application	Material	Cutting Length	Overall Length	Weight
2100-5	Scraper, File	Telecom, Electrical, Heavy-Duty Cutting	Steel	1.875" (47.6 mm)	5.25" (133.4 mm)	0.20 lb (0.09 kg)
2100-7	Scraper, File, Stripping Notches, Serrated Blades	Telecom, Electrical, Heavy-Duty Cutting	Steel	1.875" (47.6 mm)	5.25" (133.4 mm)	0.20 lb (0.09 kg)
2100-8	Free-Fall Snip, Extended Handle, Serrated Blades	Wire Cutting; Stripping	Stainless Steel	1.875" (47.6 mm)	6.313" (160.4 mm)	0.21 lb (0.10 kg)
2100-9	Free-Fall Snip, Serrated Blades	Wire Cutting; Stripping	Stainless Steel	1.875" (47.6 mm)	5.25" (133.4 mm)	0.21 lb (0.10 kg)

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Electrician's Scissors

All-Purpose Electrician's Scissors

- Cable cutting notch in blade provides increased leverage and stability on tough cuts of up to 14 AWG wire
- Strips 19 and 23 AWG wire
- Durable, forged high carbon steel blades maintain sharpness and outlast stamped designs
- Ergonomic handle fits a variety of hold preferences
- Notch in tip for deburring electrical boxes
- Serrated teeth allow for non-slip cutting action
- Scraper on both blades for cleaning wire



2600-1

Cat. No.	Special Features	Application	Material	Cutting Length	Overall Length	Weight
26001	Serrated Blades, Notches	Cable Cutting, Stripping, Deburring	Carbon Steel	1.875" (47.6 mm)	6.75" (171.5 mm)	4.6 oz (132 g)

Industrial High-Leverage Shears

High-Leverage Snip

- Nickel-chrome plating resists corrosion and rusting
- Cat. Nos. 22001 and 22002 have broad, short jaws



22000



22001



22002



22003

Cat. No.	Description	Special Features	Application	Material	Cutting Length	Overall Length	Weight
22000	High-Leverage Snip	—	Cuts Light Metals, Rubber, Heavy Fabrics	Forged Steel	1.75" (44.5 mm)	6.5" (165.1 mm)	0.34 lb (0.15 kg)
22001	Broad Blade Utility Shear	Serrated Blade, Broad Short Jaws	Cuts Light Wire, Fabric, Cable, Cordage	Forged Steel	2" (50.8 mm)	8" (203.2 mm)	0.55 lb (0.25 kg)
22002	Large Broad Blade Utility Shear	Extended Handles, Serrated Blade, Broad Short Jaws	Cuts Light Metal, Rubber, Cable, Wire Metal Screens, Cordage, Plastic, Ropes	Forged Steel	2" (50.8 mm)	8.5" (215.9 mm)	0.55 lb (0.25 kg)
22003	High Leverage Utility Shear, 8"	Extended Handles	Cuts Light Metals, Rubber, Heavy Fabrics	Forged Steel	3" (76.2 mm)	9" (228.6 mm)	0.49 lb (0.22 kg)

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Industrial Utility Snips

High-Leverage Kevlar® Snip

- Nickel-chrome plating resists corrosion and rusting
- Compatible for right- and left-handed users



24000



24001

Cat. No.	Description	Special Features	Application	Material	Cutting Length	Overall Length	Weight
24000	High Leverage Kevlar® Snip	Closure Lock, Serrated Blade, Spring-Loaded	Fiberoptic (Cutting Kevlar® Insulation)	Steel	0.625" (15.9 mm)	6.5" (165.1 mm)	0.28 lb (0.13 kg)
24001	Rapid Cutting Snip	Closure Lock, Serrated Blade, Spring-Loaded	Fiberoptic (Cutting Kevlar® Insulation); Cuts Stranded Wire, Light Metal, Cordage	Steel	1" (25.4 mm)	5" (127.0 mm)	0.28 lb (0.13 kg)

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company.

Bent Trimmers

Bent Trimmers

- Nickel-chrome plating resists corrosion and rusting



23010





23015



23011

Cat. No.	Description	Special Features	Application	Material	Cutting Length	Overall Length	Weight
23008	Bent Trimmer, 8"	Extended Handle	Cuts Plastic, Rubber, Tar Paper, Cording, Vinyl, Fiberglass Insulation and Cloth Materials	Metal	3.5" (88.9 mm)	9" (228.6 mm)	0.41 lb (0.19 kg)
23010	Bent Trimmer, 10"	Extended Handle	Cuts Plastic, Rubber, Tar Paper, Cording, Vinyl, Fiberglass Insulation and Cloth Materials	Metal	4.5" (114.3 mm)	10.5" (266.7 mm)	0.99 lb (0.45 kg)
23011	Bent Trimmer, 11-1/4"	Extended Handle	Cuts Felt Lining, Muslin, Cord, Rubber, Abrasive Materials and Multiple Layers of Fabric	Metal	4.75" (120.7 mm)	11.25" (285.8 mm)	1.2 lb (0.6 kg)
23015	Single Serrated Blunt Blade Shear	Extended Handle, Serrated Blade	Cuts Belting, Heavy Fabric or Carpet, Leather, Upholstery	Metal	3.188" (81 mm)	9.75" (247.7 mm)	0.94 lb (0.43 kg)

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See page 297 for additional information on warnings.



Lineman Buckets & Accessories

Klein canvas buckets and accessories have been recognized for decades for their durability and dependability. They are built for strength to handle professional wear and tear.

For Professionals...
Since 1857™

Load Rated Buckets

Flame-Resistant Canvas Buckets

MADE IN USA
GLOBAL COMPONENTS

⚠WARNINGS:
- Inspect for damage before each use.
- Remove from service if bucket shows signs of wear.
- Never exceed the working load limit.

FR
NFPA-701
Meets the performance requirement of NFPA -701

Load Rated Buckets

- Durable straight wall buckets made of heavy-duty materials to withstand the harshest job site conditions
- Reinforced bottoms extend up the sides for added durability
- Web straps extend down the sides for additional strength
- Hold a 5 gallon bucket (not included) (Cat. Nos. 5104CLR17 and 5104CLR22)
- Interior D-ring for tether connection (Cat. No. 5104OCTO)
- Bright orange water-resistant vinyl for easy visibility and keeps tools dry (Cat. Nos. 5109CSV and 5109SV)



5104S | 5109PS | 5104FR | 5104CLR17 | 5104CLRFR | 5109CSV

Cat. No.	Load Rating	Diameter	Material	Special Features	Overall Height	Weight
Leather Reinforced Bottom						
5104	100 lb (45 kg)	12" (304.8 mm)	No. 4 Canvas	Interior Pocket	17" (431.8 mm)	2.7 lb (1.2 kg)
5104S	100 lb (45 kg)	12" (304.8 mm)	No. 4 Canvas	Interior Pocket, Swivel Snap (Cat. No. 2012)	17" (431.8 mm)	2.9 lb (1.3 kg)
5104OCTO	100 lb (45 kg)	12" (304.8 mm)	No. 1 Canvas	Interior Pocket, Oversized Hook, D-Ring Connection Points, Work-At-Height Approved	15" (381.0 mm)	6.0 lb (2.7 kg)
5104FR	100 lb (45 kg)	12" (304.8 mm)	No. 4 Flame-Resistant Canvas	Interior Pocket	17" (431.8 mm)	3.1 lb (1.4 kg)
5104CLRFR	100 lb (45 kg)	12" (304.8 mm)	No. 4 Flame-Resistant Canvas	Interior Pocket, Double Action Carabiner, Zipper Closed Top, Leather Covered Strap, Work-At-Height Approved	17" (431.8 mm)	4.25 lb (1.93 kg)
5104CLR17	150 lb (68 kg)	14" (355.6 mm)	No. 1 Canvas	Swivel Snap (Cat. No. 2012), Zipper Closed Top, Work-At-Height Approved	17" (431.8 mm)	6.7 lb (3.0 kg)
5104CLR22	150 lb (68 kg)	14" (355.6 mm)	No. 1 Canvas	Heavy Duty D Ring, Zipper Closed Top, Work-At-Height Approved	22" (558.8 mm)	7.0 lb (3.2 kg)
Black Molded Polypropylene Bottom						
5109	75 lb (34 kg)	12" (304.8 mm)	No. 6 Canvas	—	15" (381.0 mm)	2.1 lb (0.9 kg)
5109S	75 lb (34 kg)	12" (304.8 mm)	No. 6 Canvas	Swivel Snap (Cat. No. 2012)	15" (381.0 mm)	2.0 lb (0.9 kg)
5109P	75 lb (34 kg)	12" (304.8 mm)	No. 6 Canvas	Interior Pocket	15" (381.0 mm)	2.1 lb (1.0 kg)
5109PS	75 lb (34 kg)	12" (304.8 mm)	No. 6 Canvas	Interior Pocket, Swivel Snap (Cat. No. 2012)	15" (381.0 mm)	2.4 lb (1.1 kg)
NEW 5109SV	100 lb (45 kg)	12" (304.8 mm)	Vinyl	Swivel Snap (Cat. No. 2012)	15" (381.0 mm)	2.37 lb (1 kg)
NEW 5109CSV	100 lb (45 kg)	12" (304.8 mm)	Vinyl	Swivel Snap (Cat. No. 2012), Zipper Closed Top, Work-At-Height Approved	17" (431.8 mm)	1.75 lb (0.8 kg)
5109SLR	150 lb (68 kg)	12" (304.8 mm)	No. 4 Canvas	Swivel Snap (Cat. No. 2012), Drain Holes	15" (381.0 mm)	6.0 lb (2.7 kg)

VELCRO® is a registered trademark of Velcro Industries B.V.

Canvas Buckets

Canvas Buckets

- Durable canvas construction

Cat. No.	Diameter	Material	Special Features	Overall Height	Weight
Black Molded Polypropylene Bottom					
5106	9" (228.6 mm)	No. 6 Canvas	—	14" (355.6 mm)	1.5 lb (0.7 kg)
5106P	9" (228.6 mm)	No. 6 Canvas	Two 7" (177.8) Square Inside Pockets	14" (355.6 mm)	1.6 lb (0.7 kg)
5106S	9" (228.6 mm)	No. 6 Canvas	Swivel Snap (Cat. No. 2012)	14" (355.6 mm)	1.8 lb (0.8 kg)
Leather Reinforced Bottom					
5104VT	12" (304.8 mm)	No. 1 Canvas	VELCRO® Closure, Rope Handle, Work-At-Height Approved	17" (431.8 mm)	3.0 lb (1.4 kg)



Tapered-Wall Buckets

- Black molded polypropylene bottom
- Top diameter is 12" (305 mm) and tapers to 9" (229 mm) at the bottom
- Riveted leather glove strap (Cat. Nos. 5103S, 5171PS and 5172PS)



Cat. No.	Material	Special Features	Overall Height	Weight
5113	No. 6 Canvas	—	13" (330.2 mm)	1.6 lb (0.7 kg)
5113S	No. 6 Canvas	Swivel Snap (Cat. No. 2012)	13" (330.2 mm)	1.8 lb (0.8 kg)
5103S	No. 4 Canvas	Swivel Snap (Cat. No. 2012)	12" (304.8 mm)	2.0 lb (0.9 kg)
5171PS	No. 4 Canvas	Swivel Snap (Cat. No. 2012); 4 Exterior Pockets	12" (304.8 mm)	2.2 lb (1.0 kg)
5172PS	No. 4 Canvas	Swivel Snap (Cat. No. 2012); 15 Interior Pockets	12" (304.8 mm)	2.4 lb (1.1 kg)

Vinyl Bucket Top

- Top cover for canvas bucket designed to keep the elements out and tools securely inside
- Compatible with Klein Tools 5104 and 5109 series buckets
- Attaches with Velcro®
- Includes safety strap loop to ensure connection to bucket
- Bucket not included



51TOP

Cat. No.	Overall Height	Diameter	Weight
51TOP	3.5" (88.9 mm)	12-1/2" (317.5 mm)	0.40 lb (0.18 kg)

VELCRO® is a registered trademark of Velcro Industries B.V.

Oval Buckets

Oval Bucket with Pockets

- Black molded polypropylene bottom
- Cat. Nos. 5144S and 5152S have sisal-rope handles equipped with Cat. No. 2012 swivel snap hook
- Cat. No. 5144 includes two nylon 66 polymer hooks (Cat. No. 5144H)



5144B 5144S 5144 5152S

Cat. No.	Overall Height	Material	Color	Number of Pockets	Weight
5144S	10" (254.0 mm)	No. 6 Canvas	Natural	15	2.2 lb (1.0 kg)
5152S	10" (254.0 mm)	No. 6 Canvas	Natural	41	2.5 lb (1.1 kg)
5144	10" (254.0 mm)	No. 6 Canvas	Natural	15	2.0 lb (0.91 kg)
5144B	10" (254.0 mm)	No. 6 Canvas	Natural	15	1.5 lb (0.68 kg)

Hard Body Oval Buckets

- Black molded polypropylene bottom with drain holes
- Cat. No. 5144HBS includes leather skinning knife sheath and 14 other interior pockets
- Cat. No. 5144H hooks sold separately



5144BHHB 5144BHB14OS 5144BHB 5144HBS

5144BHB
REAR KICK STAND

5144HBS
INTERIOR KNIFE SHEATH

Cat. No.	Overall Height	Material	Color	Number of Pockets	Weight
5144BHB	10" (254.0 mm)	Non-conductive High Density Polyethylene	Orange	14	2.0 lb (0.91 kg)
5144BHHB	10" (254.0 mm)	Non-conductive High Density Polyethylene	Orange	14	2.0 lb (0.91 kg)
5144BHB14OS	10" (254.0 mm)	Denier Polyester	Black	29	3.0 lb (1.36 kg)
5144HBS	10" (254.0 mm)	Plastic; Denier Polyester; Polypropylene	Orange	15	2.0 lb (0.91 kg)

Canvas Bags

Canvas Tapered-Bottom Bag

- Two pockets are provided for small parts
- Bottom is tapered so parts will stay in center
- Equipped with a snap for hanging

Cat. No.	Diameter	Material	Special Features	Overall Height	Weight
5143	6-1/2" (165.1 mm)	No. 10 Canvas	Two Internal Pockets; Snap Hook	8" (203.2 mm)	0.30 lb (0.14 kg)



5143

Line-Hose Bag

- No. 6 canvas with top ring and molded bottom
- Large enough to accommodate several pieces of hose
- Can also be used to raise protective rubber blankets that are rolled
- Leather cuff extends 3" (76.2 mm) up the side
- Polypropylene rope handle is reinforced with leather

Cat. No.	Overall Height	Diameter	Weight
5110-48	48" (121.9 cm)	7" (177.8 mm)	1.9 lb (0.9 kg)



5110-48

Canvas Electrode Bags

- Made of tough No. 4 canvas
- Heat-resistant, hard leather bottom
- Cat. No. 5471FR is made of flame-retardant No. 4 canvas which meets the performance requirement of NFPA -701
- Web loop for sliding over belt



5471FR 5471

Cat. No.	Diameter	Front Depth	Back Depth	Weight
5471	2-1/2" (63.5 mm)	12" (304.8 mm)	15.5" (393.7 mm)	0.25 lb (0.11 kg)
5471FR	2-1/2" (63.5 mm)	12" (304.8 mm)	15.5" (393.7 mm)	0.25 lb (0.11 kg)

Lineman Accessories

Aerial Aprons

- Includes: ten hand tool pockets, two pouches, hammer loop and two drill bit holders (Cat. Nos. 51829 and 51829M)
- Two pouches reinforced with heavy duty rivets
- Cat. No. 5144H hooks sold separately
- Hot stick pocket (Cat. No. 51829MHS)
- Sewn-in magnet conveniently holds nuts, bolts and other small metal objects (Cat. No.s 51829M and 51829MHS)





51828


51829M

	Cat. No.	Overall Height	Overall Width	Color	Number of Pockets	Magnetic	Weight
NEW	51828	19.5" (495.3 mm)	4" (101.6 mm)	Orange	8	No	2.2 lb (1 kg)
	51829	23" (584.2 mm)	24" (609.6 mm)	Orange	18	No	4.0 lb (1.8 kg)
	51829M	23" (584.2 mm)	24" (609.6 mm)	Orange	18	Yes	4.0 lb (1.8 kg)
	51829MHS	27.5" (698.5 mm)	32" (812.8 mm)	Orange	16	Yes	4.0 lb (1.8 kg)

Swivel Snap Hook

- This is NOT an occupational protective hook. NOT for human support
- Bronze swivel snap hook made for use on canvas buckets
- Maximum safe load 150 lbs. (68 kg)


2012

Cat. No.	Throat Opening	Overall Length	Overall Width	Weight
2012	21/32" (16.7 mm)	4.375" (111.1 mm)	1.625" (41.3 mm)	0.28 lb (0.13 kg)

Hook for Aerial-Baskets and Buckets

- All weather, durable, nylon 66 polymer
- Most manufacturers' aerial basket trucks accommodate bucket hook
- Replacement hook for 5144 Series Baskets and Buckets except 5144S


5144H

Cat. No.	Overall Length	Overall Width	Weight
5144H	5.5" (139.7 mm)	5.5" (139.7 mm)	0.30 lb (0.14 kg)

Pole Pick and Pouch

- Helps determine the condition of a utility pole before climbing
- Extra sharp point for piercing many types of wood poles
- Smooth Comfordome handle fits the palm of the hand comfortably


66141KIT

Cat. No.	Includes	Weight
66141KIT	Pole Pick and Pole Pick Pouch	0.40 lb (0.18 kg)

Pole Sling

- For use where a running loop wrap around pole is desired
- Nylon web stitched with nylon thread



5606

Cat. No.	Overall Length	Overall Width	Rated Capacity	Weight
5606	39" (990.6 mm)	2" (50.8 mm)	Choke Hitch: 3000 lb (1361 kg), Basket Hitch: 4700 lb (2132 kg)	1.3 lb (0.6 kg)

⚠**WARNING:** This is NOT an occupational protective device. NOT for human support.



Block & Tackle

Klein's line of block and tackle is engineered for high-strength requirements.

For Professionals...
Since 1857™

Hooks and Rope

Anchor Hook

- Forged hook is designed to fit under insulator and engage pin of cross arm
- Maximum safe load 750 lbs. (340 kg)



258

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight
258	5/8" (15.9 mm)	1-7/8" (47.6 mm)	5.5" (139.7 mm)	0.42 lb (0.19 kg)

Swivel Anchor Hook

- Swivel clevis on this forged hook will engage with snap on Klein block & tackle Cat. Nos. 1802-30 and H1802-30
- Swivel prevents twisting and kinking of rope
- Cat. No. 470 has plunger latch
- Maximum safe load 750 lbs. (340 kg)



259



470

Cat. No.	Swivel Opening	Throat Opening	Overall Length	Weight
259	1-3/16" x 1" (30.2 x 25.4 mm)	1-7/8" (47.6 mm)	6.5" (165.1 mm)	0.40 lb (0.18 kg)
470	1-3/16" x 1" (30.2 x 25.4 mm)	5/8" (15.9 mm)	5" (127.0 mm)	0.30 lb (0.14 kg)

Polypropylene Hand-Lines with Snap Hook



1804-60

- Made of 5/16" (7.9 mm) three-strand polypropylene rope spliced to eye of snap hook
- Both lines 75' (23 m) long
- Forged steel with swivel clevis and quick-acting plunger-style latch
- Maximum safe load 250 lbs. (113 kg)

Cat. No.	Description	Included	Weight
1803-60	Polypropylene Hand-Line with Snap Hook	75' (22.86 m) of 5/16" (7.93 mm) Rope with Cat. No. 443A Snap	2.5 lb (1.1 kg)
1804-60	Polypropylene Hand-Line with Swivel Hook	75' (22.86 m) of 5/16" (7.93 mm) Rope with Cat. No. 470 Swivel Snap	2.2 lb (1.0 kg)

Heavy-Duty Snap Hook

- Snaps on with one hand
- Forged hook may be used on many conventional steel blocks, 4" (102 mm) or smaller
- Maximum safe load 8000 lbs. (3629 kg)



455

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight
455	15/16" (23.8 mm)	1" (25.4 mm)	5" (127.0 mm)	0.84 lb (0.38 kg)

Snap Hook

- General-purpose forged snap hook with eye at 90° to opening
- Maximum safe load 1500 lbs. (675 kg)



443A

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight
443A	1" (25.4 mm)	1/2" (12.7 mm)	5.5" (139.7 mm)	0.52 lb (0.24 kg)

Swivel Snap Hook

- Bronze swivel snap hook made for use on canvas buckets
- Maximum safe load 150 lbs. (68 kg)



2012

Cat. No.	Throat Opening	Overall Length	Overall Width	Weight
2012	21/32" (16.7 mm)	4.375" (111.1 mm)	1.625" (41.3 mm)	0.28 lb (0.13 kg)

Rope

- Works with all block and tackle products
- High-quality, 3/8" diameter rope
- Maximum safe load 750 lbs. (340 kg)

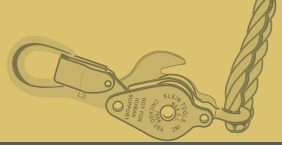


48502

Cat. No.	Diameter	Tensile Strength	Overall Length	Weight
48502	3/8" (9.5 mm)	3600 lb (1632 kg)	25' (7.6 m)	0.78 lb (0.35 kg)

See page 297 for additional information on warnings.

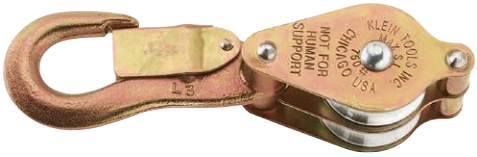
⚠**WARNING:** This is NOT an occupational protective device. NOT for human support.



Block & Tackle

Blocks

- Blocks without ropes and hooks
- Made of light galvanized steel and aluminum alloy
- Sheaves have bronze bushings
- Maximum safe load 750 lbs. (340 kg)



267



268



H267



H268

Cat. No.	Description	Weight
267	Self-locking Block Without Rope and Hook	0.76 lb (0.34 kg)
H267	Block with Nose Extended Over Keeper	0.80 lb (0.36 kg)
268	Block with Eye to Splice Line to Block	0.90 lb (0.41 kg)
H268	Block with Eye and Nose Extended Over Keeper	1.0 lb (0.5 kg)

Howe Wire Tool

- Strap is made of tough Klein-Kord™
- Swivel hook is forged steel with large opening
- Shank of hook is lengthened to reach under insulator
- Other end has device to hold the load at any distance
- All metal parts are galvanized
- Max. safe load 500 lbs. (225 kg)



1720-20N



170220HH

Cat. No.	Overall Width	Weight
1702-20N	1" (25.4 mm)	2.0 lb (0.9 kg)
1702-20HH	1.5" (38.1 mm)	2.75 lb (1.25 kg)

Web Strap Ratchet Hoist

- Large, non-conductive drum knob allows web slack to be adjusted with ease
- 360° handle rotation
- 3/4 ton single line and 1-1/2 ton double line load rating
- Tight ratcheting mechanism allows precise tensioning
- Meets ANSI/ASME B30.21-2005 & B30.10-2009 standards
- Cat. No. KN1500PEXH includes hot rings
- Cat. No. KN1600PEX includes a removable handle



- **Single Line Load Rating:** 1500 lbs. (675 kg) Min. to Max. Pulling Distance inches (mm): 20" (500 mm) - 138" (3500 mm)



- **Double Line Load Rating:** 3000 lbs. (1350 kg) Min. to Max. Pulling Distance inches (mm): 26" (700 mm) - 79" (2000 mm)



KN1600P-EX

Cat. No.	Weight
KN1500PEX	12.5 lb (5.7 kg)
KN1500PEXH	13.6 lb (6.2 kg)
KN1600PEX	13 lb (5.9 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective device. NOT for human support.

Block & Tackle Packages

Block and Tackle with Standard Hooks

- Sheaves are strong, yet lightweight aluminum alloy with all-bronze bushings.
- Light, galvanized-steel shell blocks are fitted with snubbing hooks to hold the load.
- All Klein block and tackle use high-quality, 3/8" diameter rope.
- Available with standard snap hooks or guarded snap hooks (with snap hook nose lengthened to extend over the latch or keeper).
- Choice of forged hook Cat. No. 258 or swivel hook Cat. No. 259.
- Catalog numbers followed by S/R have rope spliced to block.
- Maximum safe load is 750 lbs. (338 kg).



Cat. No.	267 Block	268 Block	258 Anchor Hook	259 Swivel Anchor Hook	Rope Spliced to Component Number	Weight
1802-30	●	●	●			2.8 lb (1.3 kg)
1802-30SR	●	●	●		268 Block	2.8 lb (1.3 kg)
1802-30S	●	●		●		2.9 lb (1.3 kg)
1802-30SSR	●	●		●	268 Block	2.8 lb (1.3 kg)



1802-30



1802-30 S/R



1802-30S



1802-30S S/R

⚠**WARNING:** This is NOT an occupational protective device. NOT for human support.

Block & Tackle Packages

Block and Tackle with Guarded Hooks

- Sheaves are strong, yet lightweight aluminum alloy with all-bronze bushings.
- Light, galvanized-steel shell blocks are fitted with snubbing hooks to hold the load.
- All Klein block and tackle use high-quality, 3/8" diameter rope.
- Available with standard snap hooks or guarded snap hooks (with snap hook nose lengthened to extend over the latch or keeper).
- Choice of forged hook Cat. No. 258 or swivel hook Cat. No. 259.
- Catalog numbers followed by S/R have rope spliced to block.
- Maximum safe load is 750 lbs. (338 kg).





Cat. No.	H267 Block	H268 Block	258 Anchor Hook	259 Swivel Anchor Hook	Rope Spliced to Component Number	Weight
H1802-30	•	•	•			2.9 lb (1.3 kg)
H1802-30SR	•	•	•		H268 Block	2.8 lb (1.3 kg)
H1802-30S	•	•		•		3.0 lb (1.4 kg)
H1802-30SSR	•	•		•	H268 Block	3.0 lb (1.4 kg)



H1802-30



H1802-30 S/R



H1802-30S



H1802-30S S/R

See page 297 for additional information on warnings.

⚠**WARNING:** This is NOT an occupational protective device. NOT for human support.

Wire Pulling Grips

Klein Tools has been manufacturing grips for over 135 years. Klein combines strength and durability to create an extremely high-quality line of grips. With ease-of-use and reliability, Klein wire-pulling grips set the mark.



For Professionals...
Since 1857™

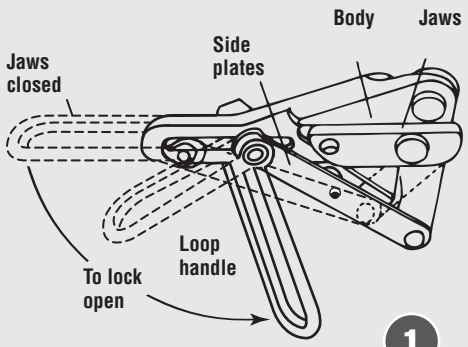
Recommended Care and Maintenance

Grip Cleaning, Lubricating and Inspecting

The following guidelines have been established to keep all grips in good working condition.

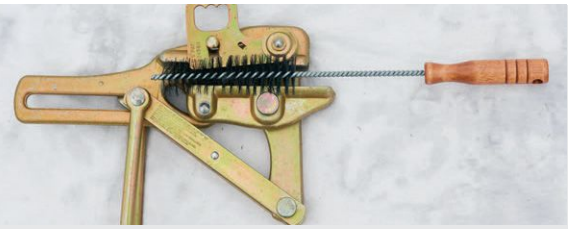
Inspection

Step 1. 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



Cleaning





Step 2. Use the Klein Grip Cleaning Wire Brush Set (Cat. No. 25450) to clean the surfaces of grip jaws



Step 3. Spray degreaser on the grip jaws, all joints and moving parts



Step 4. Use the Klein Grip Cleaning Wire Brush to remove dirt and debris from the grip jaws



Step 5. Wipe grips dry with a cloth. Repeat necessary cleaning steps until grip is completely clean

Lubricating







Step 6. Apply lubricant to all joints and moving parts. Do NOT lubricate gripping surfaces of jaws.

Note: Conductors may have a die-grease coating which can deposit on grip jaws. New conductors should be wiped clean before grip application. Grip jaws should be wiped clean of all grease before use.

Never repair any grip. Grips that are bent, misaligned, or otherwise distorted should be discarded and replaced.

If there is ever a question about the safe condition of any grip, please contact Klein Tools Customer Service directly at **844-395-3235** or email **Hisupport@kleintools.com.**

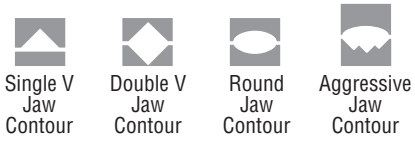
Types of Wire Pulling Grips

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.

Chicago™ Grips

Designed for use on aluminum, copper, weatherproof coated wire, PVC covered conductors and messenger and guy strand

- Locking loop handles allow the jaws to be held in an open position for easy placement on wire or cable
- Available in Round, Double V, Single V and Aggressive jaw contours



Single V Jaw Contour | Double V Jaw Contour | Round Jaw Contour | Aggressive Jaw Contour



1656-30

Parallel Jaw Grips

Lightweight compact grips pull an exceptionally wide range of cable types and sizes

- Latch helps maintain cable position
- Large-diameter eye accommodates large hooks on hoists, winches and tackle blocks
- Available in Round and Double V jaw contours



Double V Jaw Contour | Round Jaw Contour



KT4500

Haven's™ Grips

Designed for use when a light, compact grip is desired where conductor deformation is not a factor

- Knurled eccentric jaw applies gripping pressure to 1/4" of cable area
- Some models include a swing latch that holds cable securely in jaw
- Recommended for messenger and guy strand and wire rope
- 1625 Series can be used for wire rope



1625-20

Hot-line Latch

Designed for placing a grip on cable with a hot-line stick

- The three notches in the hot-line latch adjust the balance of the grip to better match the direction of the cable sag
- When stick is removed, latch closes automatically to guard against grip accidentally disengaging from wire
- Standard hot-line grips are not supplied with springs or lock-open features
- Some grips are available with a positionable latch



Wire Pulling Grips Warnings

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

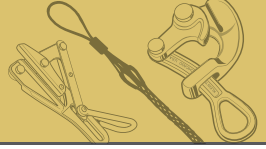
⚠**WARNING:** When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

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

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

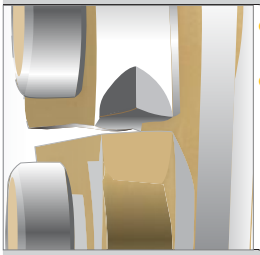
⚠**WARNING:** Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.

See Wire Pulling Grip Warnings on page 262



Types of Jaw Contours

Single V

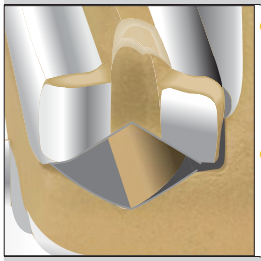


- Simple three-point contact jaws.
- Designed for use on small diameter bare wire and cable (solid and stranded).

Steel Strand Cat. No.
1613-30

–

Double V

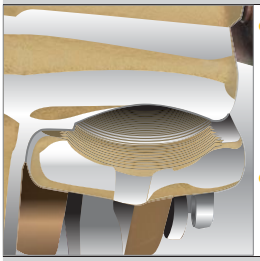


- Four-point contact provides greater gripping pressure and assures proper alignment of wire and cable within the jaws.
- Designed for high strength messenger and guy strand and extra high-strength cables and conductors.

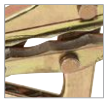
Steel Strand Cat. No.	Wide Range of Cables Cat. No.
1613-40 and 1613-40H, 1628-16 1628-16AT (Bell System) 1628-17, 1628-18, 1684-5 1684-5AT (Bell System) 1684-5H, 1692-5 1692-5AT (Bell System) 1684-74 and S1684-74H (EHS Cable) 1684-5F	1671-10 1672-10 1686-10 1686-20

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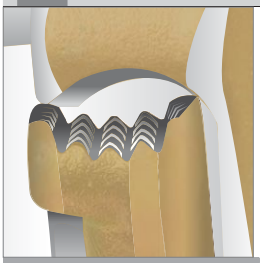
Round



- Round jaws provide maximum contact and gripping power to minimize conductor deformation. (Smooth and knurled styles).
- Recommended for use on bare aluminum, and copper conductors.

ACSR and AAC Cat. No.	Weatherproof and PVC Covered Copper Cat. No.		Steel Strand Cat. No.	Wide Range of Cables Cat. No.
	 Notched Jaw	 Serpentine Jaw	 Serpentine Jaw	
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	1659-20 1659-30 1659-40 1659-50	1659-5AT	1685-20 1685-31

Aggressive



- Recommended for use when conductor deformation is not an issue or when a more aggressive bite is needed.

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) 1684-5C (EHS)

–

Selecting the Proper Grip

Grip Recommendation

Klein Tools offers a service of recommending the proper grip for a particular application based on a sample of cable. This service is free of charge. All that we require is a minimum 6-9 foot (2-3 m) length of cable.

If there is ever a question about the safe condition of any grip, please contact Klein Tools at **844.395.3235** or email: **HIsupport@kleintools.com**

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.**

See Wire Pulling Grip Warnings on page 262

ACSR (Aluminum Conductor Steel Reinforced)



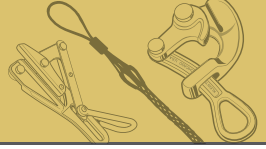
For Cable Diameter
4 AWG - 636 MCM
.250" - .953" (6.35 mm - 24.21 mm)

MAXIMUM SAFE LOAD

AWG or MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	A 4,500 lbs (2041 kg) Cat. No.	B 8,000 lbs (3629 kg) Cat. No.	C 15,000 lbs (6803 kg) Cat. No.	D 20,000 lbs (9072 kg) Cat. No.
4	.250" (6.35 mm)	6 x 1	Swan	1656-20, 1656-20H & S1656-20H			
4	.257" (6.53 mm)	7 x 1	Swanate	1656-20, 1656-20H & S1656-20H			
2	.316" (8.03 mm)	6 x 1	Sparrow	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H			
2	.325" (8.26 mm)	7 x 1	Sparate	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H			
I	.354" (9.02 mm)	6 x 1	Robin	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H			
1/0	.398" (10.11 mm)	6 x 1	Raven	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H & S1656-30H			
2/0	.447" (11.35 mm)	6 x 1	Quail	1656-30, 1656-30H & S1656-30H		1628-16PG*	
3/0	.502" (12.75 mm)	6 x 1	Pigeon	1656-30, 1656-30H & S1656-30H		1628-16PH*	
4/0	.563" (14.30 mm)	6 x 1	Penguin		1656-40, 1656-40H & S1656-40H	1628-16PI*	
266.8 MCM	.609" (15.47 mm)	18 x 1	Waxwing		1656-40, 1656-40H & S1656-40H	1628-16PJ*	
266.8 MCM	.642" (16.31 mm)	26 x 7	Partridge		1656-40, 1656-40H & S1656-40H	1628-16PK*	
300 MCM	.680" (17.27 mm)	26 x 7	Ostrich		1656-40, 1656-40H & S1656-40H	1628-16PK*	
336.4 MCM	.684" (17.37 mm)	18 x 1	Merlin		1656-40, 1656-40H & S1656-40H	1628-16PK*	
336.4 MCM	.720" (18.31 mm)	26 x 7	Linnet		1656-40, 1656-40H & S1656-40H	1628-16PL*	
336.4 MCM	.741" (18.82 mm)	30 x 7	Oriole		1656-50, 1656-50H & S1656-50H	1628-16PL*	
397.5 MCM	.743" (18.87 mm)	18 x 1	Chickadee		1656-50, 1656-50H & S1656-50H	1628-16PL*	
397.5 MCM	.772" (19.61 mm)	24 x 7	Brant		1656-50, 1656-50H & S1656-50H	1628-16PM*	
397.5 MCM	.783" (19.89 mm)	26 x 7	Ibis		1656-50, 1656-50H & S1656-50H	1628-16PM*	
397.5 MCM	.806" (20.47 mm)	30 x 7	Lark		1656-50, 1656-50H & S1656-50H	1628-16PM*	
477 MCM	.814" (20.68 mm)	18 x 1	Pelican		1656-50, 1656-50H & S1656-50H	1628-16PM*	
477 MCM	.846" (21.49 mm)	24 x 7	Flicker		1656-50, 1656-50H & S1656-50H	1628-16PN*	1628-30N*
477 MCM	.858" (21.79 mm)	26 x7	Hawk		1656-50, 1656-50H & S1656-50H	1628-16PN*	1628-30N*
477 MCM	.883" (22.43 mm)	30 x 7	Hen		1656-60, 1656-60H & S1656-60H	1628-16PN*	1628-30N*
556.5 MCM	.879" (22.33 mm)	18 x 1	Osprey		1656-60, 1656-60H & S1656-60H	1628-16PN*	1628-30N*
556.5 MCM	.914" (23.22 mm)	24 x 7	Parakeet		1656-60, 1656-60H and S1656-60H		1628-30O*
556.5 MCM	.927" (23.55 mm)	26 x 7	Dove		1656-60, 1656-60H & S1656-60H		1628-30O*
556.5 MCM	.953" (24.21 mm)	30 x 7	Eagle		1656-60, 1656-60H & S1656-60H		1628-30O*
605 MCM	.953" (24.21 mm)	24 x7	Peacock		1656-60, 1656-60H & S1656-60H		1628-30O*
636 MCM	.940" (23.88 mm)	18 x 1	Kingbird		1656-60, 1656-60H & S1656-60H		1628-30O*

"S" is for spring. "H" is for hot latch.
*Special order only. Please allow 30 days for delivery. These are not returnable.

For grip details
See pages 270 and 271.



ACSR (Aluminum Conductor Steel Reinforced)



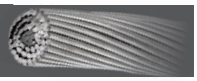
For Cable Diameter
605 - 2515 MCM
.966" - 1.88" (24.54 mm - 47.75 mm)

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	MAXIMUM SAFE LOAD D 20,000 lbs (9,072 kg) Cat. No.	E 25,000 lbs (11,340 kg) Cat. No.	F 25,000 lbs. with bolt on jaw (11,340 kg) Cat. No.
605 MCM	.966" (24.54 mm)	26 x 7	Squab	1628-30P*		1628-50P*
605 MCM	.994" (25.25 mm)	30 x 19	Teal	1628-30P*		1628-50P*
605 MCM	.994" (25.25 mm)	30 x 7	Wood Duck	1628-30P*		1628-50P*
636 MCM	.940" (23.88 mm)	18 x 1	Kingbird	1628-30O*		1628-50P*
636 MCM	.977" (24.82 mm)	24 x 7	Rook	1628-30P*		1628-50P*
636 MCM	1.019" (25.88 mm)	30 x 19	Egret	1628-30R*		1628-50R*
636 MCM	1.019" (25.88 mm)	30 x 7	Scoter	1628-30R*		1628-50R*
636 MCM	.991" (25.15 mm)	26 x 7	Grosbeak	1628-30P*		1628-50P*
666.6 MCM	1.00" (25.40 mm)	24 x 7	Flamingo	1628-30P*		1628-50P*
666.6 MCM	1.014" (25.76 mm)	26 x 7	Gannet	1628-30P*		1628-50P*
715.5 MCM	1.051" (26.70 mm)	26 x 7	Starling	1628-30R*		1628-50R*
715.5 MCM	1.081" (27.46 mm)	30 x 19	Redwing	1628-30S*		1628-50S*
795 MCM	1.040" (26.41 mm)	36 x 1	Coot	1628-30R*		1628-50R*
795 MCM	1.063" (27.00 mm)	45 x 7	Tern	1628-30R*		1628-50R*
795 MCM	1.092" (27.76 mm)	54 x 7	Condor	1628-30S*		1628-50S*
795.0 MCM	1.092" (27.74 mm)	24 x 7	Cuckoo	1628-30S*		1628-50S*
795 MCM	1.107" (28.14 mm)	26 x 7	Drake	1628-30S*		1628-50S*
795 MCM	1.140" (28.96 mm)	30 x 19	Mallard	1628-30S*		1628-50S*
900 MCM	1.131" (28.73 mm)	45 x 7	Ruddy	1628-30S*		1628-50S*
900 MCM	1.162" (29.51 mm)	54 x 7	Canary	1628-30T*		1628-50T*
954 MCM	1.165" (29.59 mm)	20 x 7	Corncrake	1628-30T*		1628-50T*
954 MCM	1.165" (29.59 mm)	45 x 7	Rail	1628-30T*		1628-50T*
954 MCM	1.175" (29.85 mm)	48 x 7	Towhee	1628-30T*		1628-50T*
954 MCM	1.196" (30.38 mm)	54 x 7	Cardinal	1628-30T*		1628-50T*
954 MCM	1.196" (30.38 mm)	24 x 7	Redbird	1628-30T*		1628-50T*
1033.5 MCM	1.212" (30.81 mm)	45 x 7	Ortolan	1628-30U*	1628-40U*	1628-50U*
1033.5 MCM	1.245" (31.65 mm)	54 x 7	Curlew	1628-30U*	1628-40U*	1628-50U*
1113 MCM	1.258" (31.95 mm)	45 x 7	Bluejay	1628-30U*	1628-40U*	1628-50U*
1113 MCM	1.292" (32.84 mm)	54 x 19	Finch		1628-40W*	1628-50W*
1192.5 MCM	1.302" (33.07 mm)	45 x 7	Bunting		1628-40W*	1628-50W*
1192.5 MCM	1.337" (33.99 mm)	54 x 19	Grackle		1628-40X*	1628-50X*
1272 MCM	1.317" (33.45 mm)	36 x 1	Skylark		1628-40W*	1628-50W*
1272 MCM	1.345" (34.16 mm)	45 x 7	Bittern		1628-40X*	1628-50X*
1272 MCM	1.381" (35.10 mm)	54 x 19	Pheasant		1628-40X*	1628-50X*
1351.5 MCM	1.386" (35.20 mm)	45 x 7	Dipper		1628-40X*	1628-50X*
1351.5 MCM	1.424" (36.17 mm)	54 x 19	Martin		1628-40Y*	1628-50Y*
1431 MCM	1.427" (36.25 mm)	45 x 7	Bobolink		1628-40Y*	1628-50Y*
1431 MCM	1.465" (37.21 mm)	54 x 19	Plover		1628-40Z*	1628-50Z*
1590 MCM	1.504" (38.15 mm)	45 x 7	Lapwing		1628-40Z*	1628-50Z*
1590 MCM	1.544" (39.24 mm)	54 x 19	Falcon		1628-40A*	1628-50A*
1780 MCM	1.602" (40.69 mm)	84 x 19	Chukar			1628-50B*
2034.5 MCM	1.681" (42.70 mm)	72 x 7	Mockingbird			1628-50C*
2156 MCM	1.762" (44.75 mm)	84 x 19	Bluebird			1628-50D*
2167 MCM	1.735" (44.12 mm)	72 x 7	Kiwi			1628-50D*
2312 MCM	1.802" (45.77 mm)	76 x 19	Thrasher			1628-50E*
2515 MCM	1.88" (47.75 mm)	76 x 19	Joree			1628-50F*

*Special order only. Please allow 30 days for delivery. These are not returnable.

For grip details
See pages 270 and 271.

ACSS (Aluminum Conductor Steel Supported)



For Cable Diameter

605 - 2515 MCM

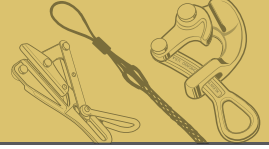
.966" - 1.88" (24.54 mm - 47.75 mm)

MAXIMUM SAFE LOAD

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	F 25,000 lbs. (11,340 kg) with bolt on jaw Cat. No.
605 MCM	.966" (24.54 mm)	26 x 7	Squab/ACSS	1628-50P*
605 MCM	.994" (25.25 mm)	30 x 7	Wood Duck/ACSS	1628-50P*
605 MCM	.994" (25.25 mm)	30 x 19	Teal/ACSS	1628-50P*
636 MCM	.977" (24.82 mm)	24 x 7	Rook/ACSS	1628-50P*
636 MCM	.991" (25.15 mm)	26 x 7	Grosbeak/ACSS	1628-50P*
636 MCM	1.019" (25.88 mm)	30 x 19	Egret/ACSS	1628-50R*
636 MCM	1.019" (25.88 mm)	30 x 7	Scoter/ACSS	1628-50R*
666.6 MCM	1.00" (25.40 mm)	24 x 7	Flamingo/ACSS	1628-50P*
666.6 MCM	1.014" (25.76 mm)	26 x 7	Gannet/ACSS	1628-50P*
715.5 MCM	1.081" (27.46 mm)	30 x 19	Redwing/ACSS	1628-50S*
715.5 MCM	1.051" (26.70 mm)	26 x 7	Starling/ACSS	1628-50R*
795 MCM	1.063" (27.00 mm)	45 x 7	Tern/ACSS	1628-50R*
795 MCM	1.092" (27.74 mm)	24 x 7	Cuckoo/ACSS	1628-50S*
795 MCM	1.092" (27.76 mm)	54 x 7	Condor/ACSS	1628-50S*
795 MCM	1.139" (28.93 mm)	30 x 19	Mallard/ACSS	1628-50S*
795 MCM	1.107" (28.14 mm)	26 x 7	Drake/ACSS	1628-50S*
900 MCM	1.131" (28.73 mm)	45 x 7	Ruddy/ACSS	1628-50S*
900 MCM	1.162" (29.51 mm)	54 x 7	Canary/ACSS	1628-50T*
954 MCM	1.165" (29.59 mm)	20 x 7	Corncrake/ACSS	1628-50T*
954 MCM	1.165" (29.59 mm)	45 x 7	Rail/ACSS	1628-50T*
954 MCM	1.175" (29.85 mm)	48 x 7	Towhee/ACSS	1628-50T*
954 MCM	1.196" (30.38 mm)	54 x 7	Cardinal/ACSS	1628-50T*
954 MCM	1.196" (30.38 mm)	24 x 7	Redbird/ACSS	1628-50T*
954 MCM	1.248" (31.70 mm)	30 x 19	Canvasback/ACSS	1628-50U*
1033.5 MCM	1.212" (30.81 mm)	45 x 7	Ortolan/ACSS	1628-50U*
1033.5 MCM	1.245" (31.65 mm)	54 x 7	Curlew/ACSS	1628-50U*
1113 MCM	1.258" (31.95 mm)	45 x 7	Bluejay/ACSS	1628-50U*
1113 MCM	1.292" (32.84 mm)	54 x 19	Finch/ACSS	1628-50W*
1192.5 MCM	1.302" (33.07 mm)	45 x 7	Bunting/ACSS	1628-50W*
1192.5 MCM	1.337" (33.99 mm)	54 x 19	Grackle/ACSS	1628-50X*
1272 MCM	1.345" (34.16 mm)	45 x 7	Bittern/ACSS	1628-50X*
1272 MCM	1.381" (35.10 mm)	54 x 19	Pheasant/ACSS	1628-50X*
1351.5 MCM	1.386" (35.20 mm)	45 x 7	Dipper/ACSS	1628-50X*
1351.5 MCM	1.424" (36.17 mm)	54 x 19	Martin/ACSS	1628-50Y*
1431 MCM	1.427" (36.25 mm)	45 x 7	Bobolink/ACSS	1628-50Y*
1431 MCM	1.465" (37.21 mm)	54 x 19	Plover/ACSS	1628-50Z*
1590 MCM	1.504" (38.15 mm)	45 x 7	Lapwing/ACSS	1628-50Z*
1590 MCM	1.544" (39.24 mm)	54 x 19	Falcon/ACSS	1628-50A*
1780 MCM	1.602" (40.69 mm)	84 x 19	Chukar/ACSS	1628-50B*
2034.5 MCM	1.681" (42.70 mm)	72 x 7	Mockingbird/ACSS	1628-50C*
2167 MCM	1.735" (44.12 mm)	72 x 7	Kiwi/ACSS	1628-50D*
2156 MCM	1.762" (44.75 mm)	84 x 19	Bluebird/ACSS	1628-50D*
2312 MCM	1.802" (45.77 mm)	76 x 19	Thrasher/ACSS	1628-50E*
2515 MCM	1.88" (47.75 mm)	76 x 19	Joree/ACSS	1628-50F*

Special order only.
Please allow 30 days for delivery. These are not returnable.

For grip details
See pages 270 and 271.



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	MAXIMUM SAFE LOAD F 25,000 lbs. (11,340 kg) with bolt on jaw Cat. No
762.8 MCM	.990" (25.15 mm)	20 x 7	Wabash/ACSS/TW	1628-50P*
768.2 MCM	.977" (24.82 mm)	20 x 7	Maumee/ACSS/TW	1628-50P*
795 MCM	.960" (24.38 mm)	17 x 7	Tern/ACSS/TW	1628-50P*
795 MCM	.980" (24.89 mm)	18 x 7	Puffin/ACSS/TW	1628-50P*
795 MCM	.993" (25.22 mm)	20 x 7	Condor/ACSS/TW	1628-50P*
795 MCM	1.010" (25.65 mm)	20 x 7	Drake/ACSS/TW	1628-50P*
946.7 MCM	1.077" (27.36 mm)	35 x 7	Fraser/ACSS/TW	1628-50R*
954.0 MCM	1.044" (26.52 mm)	30 x 7	Phoenix/ACSS/TW	1628-50R*
954.0 MCM	1.061" (26.94 mm)	32 x 7	Rail/ACSS/TW	1628-50R*
954.0 MCM	1.080" (27.43 mm)	20 x 7	Cardinal/ACSS/TW	1628-50S*
957.2 MCM	1.060" (26.92 mm)	32 x 7	Kettle/ACSS/TW	1628-50R*
959.6 MCM	1.110" (28.19 mm)	22 x 7	Suwannee/ACSS/TW	1628-50S*
966.2 MCM	1.092" (27.73 mm)	21 x 7	Columbia/ACSS/TW	1628-50S*
1033.5 MCM	1.089" (27.66 mm)	30 x 7	Snowbird/ACSS/TW	1628-50S*
1033.5 MCM	1.102" (27.99 mm)	32 x 7	Ortolan/ACSS/TW	1628-50S*
1033.5 MCM	1.132" (28.75 mm)	22 x 7	Curlew/ACSS/TW	1628-50S*
1113.0 MCM	1.129" (28.68 mm)	30 x 7	Avocet/ACSS/TW	1628-50S*
1113.0 MCM	1.185" (30.10 mm)	38 x 19	Finch/ACSS/TW	1628-50T*
1113.0 MCM	1.143" (29.03 mm)	33 x 7	Bluejay/ACSS/TW	1628-50T*
1158 MCM	1.165" (29.59 mm)	34 x 7	Genessee/ACSS/TW	1628-50T*
1158.4 MCM	1.196" (30.38 mm)	24 x 7	Hudson/ACSS/TW	1628-50T*
1168.1 MCM	1.155" (29.34 mm)	30 x 7	Cheyenne/ACSS/TW	1628-50T*
1192.5 MCM	1.170" (29.72 mm)	30 x 7	Oxbird/ACSS/TW	1628-50T*
1192.5 MCM	1.181" (29.99 mm)	34 x 7	Bunting/ACSS/TW	1628-50T*
1192.5 MCM	1.225" (31.12 mm)	38 x 19	Grackle/ACSS/TW	1628-50U*
1233.6 MCM	1.245" (31.62 mm)	38 x 19	Yukon/ASCSS/TW	1628-50U*
1257.1 MCM	1.213" (30.81 mm)	35 x 7	Nelson/ACSS/TW	1628-50U*
1272 MCM	1.203" (30.56 mm)	30 x 7	Scissortail/ACSS/TW	1628-50T*
1272 MCM	1.203" (30.56 mm)	30 x 7	Catawba/ACSS/TW	1628-50T*
1272 MCM	1.264" (32.11 mm)	39 x 19	Pheasant/ACSS/TW	1628-50U*
1272 MCM	1.220" (30.99 mm)	38 x 7	Bittern/ACSS/TW	1628-50U*
1334.6 MCM	1.290" (32.77 mm)	39 x 19	Thames/ACSS/TW	1628-50W*
1351.5 MCM	1.300" (33.02 mm)	42 x 19	Martin/ACSS/TW	1628-50W*
1351.5 MCM	1.256" (31.90 mm)	35 x 7	Dipper/ACSS/TW	1628-50U*
1359.7 MCM	1.259" (31.98 mm)	36 x 7	Mackenzie/ACSS/TW	1628-50W*
1372.5 MCM	1.248" (31.70 mm)	30 x 7	Truckee/ACSS/TW	1628-50U*
1431 MCM	1.291" (32.79 mm)	36 x 7	Bobolink/ACSS/TW	1628-50W*
1431 MCM	1.337" (33.96 mm)	44 x 19	Plover/ACSS/TW	1628-50X*
1433.6 MCM	1.340" (34.04 mm)	39 x 19	Merrimack/ACSS/TW	1628-50X*
1455.3 MCM	1.302" (33.07 mm)	36 x 7	Miramichi/ACSS/TW	1628-50W*
1467.8 MCM	1.292" (32.82 mm)	33 x 7	St. Croix/ACSS/TW	1628-50W*
1533.3 MCM	1.380" (35.05 mm)	38 x 19	Rio Grande/ACSS/TW	1628-50X*
1557.4 MCM	1.350" (34.29 mm)	36 x 7	Potomac/ACSS/TW	1628-50X*
1569 MCM	1.334" (33.88 mm)	33 x 7	Platte/ACSS/TW	1628-50X*
1590 MCM	1.358" (34.49 mm)	36 x 7	Lapwing/ACSS/TW	1628-50X*
1590 MCM	1.410" (35.81 mm)	42 x 19	Falcon/ACSS/TW	1628-50Y*
1657.4 MCM	1.386" (35.20 mm)	36 x 7	Schuylkill/ACSS/TW	1628-50X*
1622 MCM	1.420" (36.07 mm)	39 x 19	Pecos/ACSS/TW	1628-50Y*
1730.6 MCM	1.470" (37.34 mm)	34 x 19	James/ACSS/TW	1628-50Z*
1758.6 MCM	1.427" (36.25 mm)	38 x 7	Pee Dee/ACSS/TW	1628-50Y*
1780 MCM	1.445" (36.70 mm)	38 x 19	Chukar/ACSS/TW	1628-50Y*
1949.6 MCM	1.504" (38.20 mm)	44 x 7	Athabaska/ASCC/TW	1628-50Z*
1926.9 MCM	1.550" (39.37 mm)	42 x 19	Cumberland/ACSS/TW	1628-50A*
2153.8 MCM	1.602" (40.69 mm)	64 x 19	Powder/ACSS/TW	1628-50B*
2156 MCM	1.608" (40.84 mm)	64 x 19	Bluebird/ACSS/TW	1628-50B*
2627.3 MCM	1.761" (44.73 mm)	64 x 19	Santee/ACSS/TW	1628-50D*

Special order only. **Application must be confirmed prior to ordering.** Please allow 30 days for delivery

For grip details see pages 270 and 271.

AAC (All Aluminum Conductor)

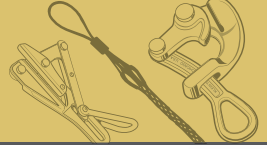


For Cable Diameter
4 AWG - 650 MCM
.231" - .928" (5.87 mm - 23.57 mm)

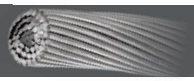
AWG or MCM Cable Size	Diameter inches (mm)	No. of Alum. Strands	Code Word	MAXIMUM SAFE LOAD A 4,500 lbs (2041 kg) Cat. No.	B 8,000 lbs (3629 kg) Cat. No.	C 15,000 lbs (6803 kg) Cat. No.	D 20,000 lbs (9072 kg) Cat. No.
4	.231" (5.87 mm)	7	Rose	1656-20, 1656-20H and S1656-20H			
2	.292" (7.42 mm)	7	Iris	1656-20, 1656-20H and S1656-20H			
1	.328" (8.33 mm)	7	Pansy	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H			
1/0	.369" (9.36 mm)	7	Poppy	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H			
2/0	.414" (10.51 mm)	7	Aster	1656-30, 1656-30H and S1656-30H			
3/0	.465" (11.81 mm)	7	Phlox	1656-30, 1656-30H and S1656-30H			
4/0	.522" (13.25 mm)	7	Oxlip	1656-30, 1656-30H and S1656-30H			
250 MCM	.567" (14.40 mm)	7	Sneezewort		1656-40, 1656-40H and S1656-40H	1628-16PI*	
250 MCM	.574" (14.58 mm)	19	Valerian		1656-40, 1656-40H and S1656-40H	1628-16PI*	
266.8 MCM	.586" (14.88 mm)	7	Daisy		1656-40, 1656-40H and S1656-40H	1628-16PJ*	
266.8 MCM	.593" (15.05 mm)	19	Laurel		1656-40, 1656-40H and S1656-40H	1628-16PJ*	
300 MCM	.628" (15.95 mm)	19	Peony		1656-40, 1656-40H and S1656-40H	1628-16PJ*	
336.4 MCM	.665" (16.90 mm)	19	Tulip		1656-40, 1656-40H and S1656-40H	1628-16PK*	
350 MCM	.678" (17.22 mm)	19	Daffodil		1656-40, 1656-40H and S1656-40H	1628-16PK*	
397.5 MCM	.724" (18.38 mm)	19	Canna		1656-40, 1656-40H and S1656-40H	1628-16PL*	
450 MCM	.769" (19.53 mm)	19	Goldentuft		1656-50, 1656-50H and S1656-50H	1628-16PM*	
477 MCM	.792" (20.12 mm)	19	Cosmos			1628-16PM*	
477 MCM	.794" (20.18 mm)	37	Syringa			1628-16PM*	
500 MCM	.811" (20.60 mm)	19	Zinnia			1628-16PM*	
500 MCM	.813" (20.65 mm)	37	Hyacinth			1628-16PM*	
556.5 MCM	.856" (21.73 mm)	19	Dahlia			1628-16PN*	1628-30N*
556.5 MCM	.858" (21.80 mm)	37	Mistletoe			1628-16PN*	1628-30N*
600 MCM	.891" (22.63 mm)	37	Meadowsweet				1628-30O*
636 MCM	.918" (23.31 mm)	37	Orchid				1628-30O*
650 MCM	.928" (23.57 mm)	37	Heuchera				1628-30O*

"S" is for spring. "H" is for hot latch.
*Special order only. Please allow 30 days for delivery. These are not returnable.

For grip details
See pages 270 and 271.



AAC (All Aluminum Conductor)



For Cable Diameter
700 - 2500 MCM
.963" - 1.823" (24.46 mm - 46.30 mm)

MAXIMUM SAFE LOAD

MCM Cable Size	Diameter inches (mm)	No. of Alum. & Steel Strands	Code Word	D 20,000 lbs (9,072 kg) Cat. No.	E 25,000 lbs (11,340 kg) Cat. No.	F 25,000 lbs. (11,340 kg) with bolt on jaw Cat. No.
700 MCM	.963" (24.46 mm)	37	Verbena	1628-30P*		1628-50P*
700 MCM	.964" (24.49 mm)	61	Flag	1628-30P*		1628-50P*
715.5 MCM	.974" (24.73 mm)	37	Violet	1628-30P*		1628-50P*
715.5 MCM	.975" (24.76 mm)	61	Nasturtium	1628-30P*		1628-50P*
750 MCM	.997" (25.32 mm)	37	Petunia	1628-30P*		1628-50P*
750 MCM	.998" (25.35 mm)	61	Cattail	1628-30P*		1628-50P*
795 MCM	1.026" (26.07 mm)	37	Arbutus	1628-30R*		1628-50R*
795 MCM	1.028" (26.11 mm)	61	Lilac	1628-30R*		1628-50R*
800 MCM	1.029" (26.14 mm)	37	Fuchsia	1628-30R*		1628-50R*
800 MCM	1.031" (26.19 mm)	61	Heliotrope	1628-30R*		1628-50R*
874.5 MCM	1.076" (27.37 mm)	37	Anemone	1628-30R*		1628-50R*
874.5 MCM	1.077" (27.36 mm)	61	Crocus	1628-30R*		1628-50R*
900 MCM	1.092" (27.74 mm)	37	Cockscomb	1628-30S*		1628-50S*
954 MCM	1.124" (28.55 mm)	37	Magnolia	1628-30S*		1628-50S*
954 MCM	1.126" (28.60 mm)	61	Goldenrod	1628-30S*		1628-50S*
1000 MCM	1.152" (29.26 mm)	61	Camellia	1628-30T*		1628-50T
1000 MCM	1.152" (29.26 mm)	37	Hawkweed	1628-30T*		1628-50T*
1033.5 MCM	1.170" (29.71 mm)	37	Bluebell	1628-30T*		1628-50T*
1033.5 MCM	1.172" (29.76 mm)	61	Larkspur	1628-30T*		1628-50T*
1113 MCM	1.216" (30.88 mm)	61	Marigold	1628-30U*	1628-40U*	1628-50U*
1192.5 MCM	1.258" (31.96 mm)	61	Hawthorn	1628-30U*	1628-40U*	1628-50U*
1272 MCM	1.297" (32.94 mm)	61	Narcissus		1628-40W*	1628-50W*
1351.5 MCM	1.339" (34.02 mm)	61	Columbine		1628-40X*	1628-50X*
1431 MCM	1.379" (35.02 mm)	61	Carnation		1628-40X*	1628-50X*
1510.5 MCM	1.417" (35.98 mm)	61	Gladiolus		1628-40Y*	1628-50Y*
1590 MCM	1.454" (36.93 mm)	61	Coreopsis		1628-40Z*	1628-50Z*
1750 MCM	1.524" (38.72 mm)	61	Jessamine		1628-40A*	1628-50A*
2000 MCM	1.630" (41.41 mm)	91	Cowslip			1628-50B*
2250 MCM	1.729" (43.92 mm)	91	Sagebrush			1628-50D*
2500 MCM	1.823" (46.30 mm)	91	Lupine			1628-50E*

Maximum safe stringing tension 12,500 lbs to minimize cable deformation.

* Special order. Please allow 30 days for delivery. These are not returnable.

For grip details
See pages 270 and 271.

Chicago™ Grips

1656 Series

- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR
- Smooth jawed grips with maximum contact are less likely to cause cable deformation



1656-30



1656-40

A 4,500 lbs. (2,041 kg) Maximum Safe Load

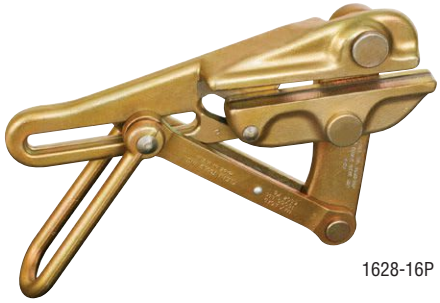
Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
1656-20	Copper, ACSR, AAC	0.20" to 0.40" (5.08 to 10.16 mm)	—	—	—	Round	4" ((101.6 mm)	2.7 lb (1.2 kg)
1656-20H	Copper, ACSR, AAC	0.20" to 0.40" (5.08 to 10.16 mm)	●	—	—	Round	4" ((101.6 mm)	3.15 lb (1.43 kg)
S1656-20H	Copper, ACSR, AAC	0.20" to 0.40" (5.08 to 10.16 mm)	●	●	—	Round	4" ((101.6 mm)	3.15 lb (1.43 kg)
1656-30	Copper, ACSR, AAC	0.31" to 0.53" (7.87 to 13.46 mm)	—	—	—	Round	4.75" (120.7 mm)	3.4 lb (1.5 kg)
1656-30H	Copper, ACSR, AAC	0.31" to 0.53" (7.87 to 13.46 mm)	●	—	—	Round	4.75" (120.7 mm)	3.95 lb (1.79 kg)
S1656-30H	Copper, ACSR, AAC	0.1" to 0.53" (7.87 to 13.46 mm)	●	●	—	Round	4.75" (120.7 mm)	4 lb (1.81 kg)

B 8,000 lbs. (3,629 kg) Maximum Safe Load

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
1656-40	ACSR, AAC	0.53" to 0.74" (13.46 to 18.80 mm)	—	—	—	Round	5.5" (139.7 mm)	7.4 lb (3.4 kg)
1656-40H	ACSR, AAC	0.53" to 0.74" (13.46 to 18.80 mm)	●	—	—	Round	5.5" (139.7 mm)	8.5 lb (3.92 kg)
S1656-40H	ACSR, AAC	0.53" to 0.74" (13.46 to 18.80 mm)	●	●	—	Round	5.5" (139.7 mm)	8.65 lb (3.92 kg)
1656-50	ACSR, AAC	0.74" to 0.86" (18.80 to 21.84 mm)	—	—	—	Round	5.5" (139.7 mm)	7.5 lb (3.4 kg)
1656-50H	ACSR, AAC	0.74" to 0.86" (18.80 to 21.84 mm)	●	—	—	Round	5.5" (139.7 mm)	8.45 lb (3.83 kg)
S1656-50H	ACSR, AAC	0.74" to 0.86" (18.80 to 21.84 mm)	●	●	—	Round	5.5" (139.7 mm)	8.45 lb (3.83 kg)
1656-60	ACSR, AAC	0.86" to 0.96" (21.84 to 24.38 mm)	—	—	—	Round	5.5" (139.7 mm)	7.8 lb (3.5 kg)
1656-60H	ACSR, AAC	0.86" to 0.96" (21.84 to 24.38 mm)	●	—	—	Round	5.5" (139.7 mm)	8.4 lb (3.81 kg)
S1656-60H	ACSR, AAC	0.86" o 0.96" (21.84 to 24.38 mm)	●	●	—	Round	5.5" (139.7 mm)	8.36 lb (3.79 kg)

1628-16P Series

- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating cable deformation
- Designed for large-diameter ACSR cables
- These grips are special order only; please allow 30 days for delivery; special order grips are not returnable



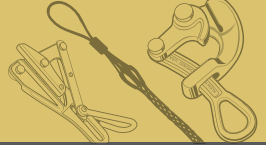
1628-16P

C 15,000 lbs. (6,803 kg) Maximum Safe Load

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
162816PE	Copper, ACSR, AAC	0.31" to 0.33" (7.87 to 8.38 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
162816PF	Copper, ACSR, AAC	0.33" to 0.39" (8.38 to 9.90 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
162816PG	Copper, ACSR, AAC	0.40" to 0.45" (9.93 to 11.50 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
162816PH	Copper, ACSR, AAC	0.46" to 0.52" (11.53 to 13.08 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
162816PI	Copper, ACSR, AAC	0.52" to 0.58" (13.11 to 14.68 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
162816PJ	Copper, ACSR, AAC	0.58" to 0.64" (14.71 to 16.25 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
1628-16PK	Copper, ACSR, AAC	0.64" to 0.70" (16.28 to 17.86 mm)				Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
162816PL	Copper, ACSR, AAC	0.71" to 0.76" (17.89 to19.43 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
162816PM	Copper, ACSR, AAC	0.77" to 0.82" (19.46 to 21.03 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)
162816PN	Copper, ACSR, AAC	0.83" to 0.89" (21.06 to 22.61 mm)	—	—	—	Round	7.25" (184.2 mm)	17.0 lb (7.7 kg)

The "H" suffix does not indicate Hot Latch for this item.

See Wire Pulling Grip Warnings on page 262



Chicago™ Grips

1628 Series

- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating cable deformation
- These grips are special order only; please allow 30 days for delivery; special order grips are not returnable



1628-30



1628-40

D 20,000 lbs. (9,072 kg) Maximum Safe Load

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
162830N	ACSR, AAC	0.83" to 0.89" (21.06 to 22.61 mm)	—	—	—	Round	10.75" (273.1 mm)	27.0 lb (12.3 kg)
162830O	ACSR, AAC	0.89" to 0.96" (22.63 to 24.21 mm)	—	—	—	Round	10.75" (273.1 mm)	27.0 lb (12.3 kg)
162830P	ACSR, AAC	0.95" to 1.02" (24.23 to 25.78 mm)	—	—	—	Round	10.75" (273.1 mm)	27.0 lb (12.3 kg)
162830R	ACSR, AAC	1.02" to 1.08" (25.81 to 27.38 mm)	—	—	—	Round	10.75" (273.1 mm)	27.0 lb (12.3 kg)
162830S	ACSR, AAC	1.08" to 1.14" (27.41 to 28.96 mm)	—	—	—	Round	10.75" (273.1 mm)	27.0 lb (12.3 kg)
162830T	ACSR, AAC	1.14" to 1.20" (28.95 to 30.55 mm)	—	—	—	Round	10.75" (273.1 mm)	27.0 lb (12.3 kg)
162830U	ACSR, AAC	1.21" to 1.26" (30.7 to 32 mm)	—	—	—	Round	10.75" (273.1 mm)	27.0 lb (12.3 kg)

E 25,000 lbs. (11,340 kg) Maximum Safe Load

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
162840U	ACSR, AAC	1.20" to 1.26" (30.48 to 32 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162840W	ACSR, AAC	1.27" to 1.32" (32.25 to 33.52 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162840X	ACSR, AAC	1.33" to 1.39" (33.78 to 35.30 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162840Y	ACSR, AAC	1.39" to 1.45" (35.30 to 36.83 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162840Z	ACSR, AAC	1.45" to 1.52" (36.83 to 38.6 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162840A	ACSR, AAC	1.52" to 1.58" (38.6 to 40.13 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)

1628 Series

- Removable bolt on floating jaw, secured by a slotted nut and cotter pin. Jaw provides increased cable coverage
- Cat. No. 555 replacement bolt available
- **NOTE:** Jaw must be removed to insert cable
- These grips are special order only; please allow 30 days for delivery; special order grips are not returnable





1628-50

F 25,000 lbs. (11,340 kg) Maximum Safe Load with bolt on jaw

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
1628-50P	ACSR, ACSS, ACSS-TW, AAC	0.95" to 1.02" (24.23 to 25.78 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
1628-50R	ACSR, ACSS, ACSS-TW, AAC	1.02" to 1.08" (25.91 to 27.43 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850S	ACSR, ACSS, ACSS-TW, AAC	1.08" to 1.14" (27.41 to 28.96 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850T	ACSR, ACSS, ACSS-TW, AAC	1.14" to 1.20" (28.95 to 30.55 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850U	ACSR, ACSS, ACSS-TW, AAC	1.20" to 1.27" (30.48 to 32.25 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850W	ACSR, ACSS, ACSS-TW, AAC	1.27" to 1.33" (32.25 to 33.78 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850X	ACSR, ACSS, ACSS-TW, AAC	1.33" to 1.39" (33.78 to 35.30 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850Y	ACSR, ACSS, ACSS-TW, AAC	1.39" to 1.45" (35.30 to 36.83 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850Z	ACSR, ACSS, ACSS-TW, AAC	1.45" to 1.52" (36.83 to 38.6 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850A	ACSR, ACSS, ACSS-TW, AAC	1.52" to 1.58" (38.6 to 40.13 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850B	ACSR, ACSS, ACSS-TW, AAC	1.58" to 1.64" (40.13 to 41.65 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850C	ACSR, ACSS, ACSS-TW, AAC	1.64" to 1.70" (41.65 to 43.18 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850D	ACSR, ACSS, ACSS-TW, AAC	1.70" to 1.77" (43.18 to 44.95 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850E	ACSR, ACSS, ACSS-TW, AAC	1.77" to 1.83" (44.95 to 46.48 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
162850F	ACSR, ACSS, ACSS-TW, AAC	1.83" to 1.89" (46.48 to 48 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)

Chicago™ Grips

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
- These grips are special order only; please allow 30 days for delivery; special order grips are not returnable



1628-40VRU

	Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
	15,000 lbs. (6,803 kg) Maximum Safe Load								
	162840VRU	ACSR	1.20" to 1.27" (30.5 to 32.3 mm)	—	—	—	Round	10.75" (273.1 mm)	34.0 lb (15.5 kg)
NEW	162830VRP	ACSR	0.95" to 1.02" (24.13 to 25.91 mm)	—	—	—	Round	10.75" (273.1 mm)	27 lb (12.3 kg)

VR2 is a registered trademark of Southwire Company.
TransPowr and T-2 are registered trademarks of General Cable Technologies Corporation.

1613, 1628, 1684, 1686, 1671, 1672 and 1692 Series

- Designed for cable sizes from 0.12" (3.10 mm) to 1" (25.4 mm)
- Double V grooves provide four-point contact, reducing chance of slipping and providing proper alignment of wire and cable. Cat. No. 1684-5F is a Single V with file insert.
- Features an aggressive jaw profile for extra gripping power (Cat. No. 16845C)





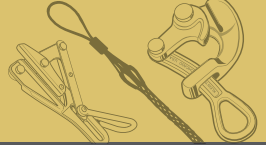
Replacement parts or 1684-5F: Screws (Cat. No. 573) and file (Cat. No. 578).



1613-40

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
4,500 lbs. (2,041 kg) Maximum Safe Load								
1613-40	Aircraft, EHS, Messenger, Guy Strand	0.12" to 0.37" (30.05 to 9.40 mm)	●	—	●	Double V	4.188" (106.4 mm)	2.7 lb (1.2 kg)
1613-40H	Aircraft, EHS, Messenger, Guy Strand	0.12" to 0.37" (30.05 to 9.40 mm)	●	—	●	Double V	4.188" (106.4 mm)	3.15 lb (1.43 kg)
S1613-40H	Aircraft, EHS, Messenger, Guy Strand	0.12" to 0.37" (30.05 to 9.40 mm)	●	●	●	Double V	4.188" (106.4 mm)	3.2 lb (1.4 kg)
8,000 lbs. (3,629 kg) Maximum Safe Load								
1684-5F	Aircraft, EHS, Messenger, Guy Strand	0.16" to 0.55" (4.06 to 13.97 mm)	—	●	●	Single V with File Insert	5" (127.0 mm)	6.4 lb (2.9 kg)
1684-5	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Double V	5" (127.0 mm)	5.8 lb (2.6 kg)
1684-5H	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	●	—	●	Double V	5" (127.0 mm)	6.5 lb (2.9 kg)
S1684-5H	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	●	●	—	Double V	5" (127.0 mm)	6.7 lb (3.0 kg)
1692-5	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Double V	5" (127.0 mm)	5.4 lb (2.5 kg)
8,000 lbs. (3,629 kg) Maximum Safe Load – EHS Specific								
16845C	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Aggressive	5" (127.0 mm)	6.0 lb (2.7 kg)
1684-74	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Double V, Milled Curved	5" (127.0 mm)	5.6 lb (2.6 kg)
1684-74H	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	●	—	●	Double V, Milled Curved	5" (127.0 mm)	6.3 lb (2.9 kg)
S1684-74H	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	●	●	—	Double V, Milled Curved	5" (127.0 mm)	6.45 lb (2.93 kg)
10,000 lbs. (4,536 kg) Maximum Safe Load								
1686-10	Aircraft, Messenger, Guy Strand	0.20" to 0.40" (5.08 to 10.16 mm)	—	—	—	Double V	4.375" (111.1 mm)	4.6 lb (2.1 kg)
1686-20	Aircraft, Messenger, Guy Strand	0.20" to 0.40" (5.08 to 10.16 mm)	—	—	—	Double V - Serrated	4.375" (111.1 mm)	4.6 lb (2.1 kg)
1671-10	Aircraft, Messenger, Guy Strand	0.37" to 0.75" (9.40 to 19.05 mm)	—	—	—	Double V	4.375" (111.1 mm)	4.3 lb (2.0 kg)
1672-10	Aircraft, Messenger, Guy Strand	0.37" to 0.75" (9.40 to 19.05 mm)	—	—	—	Double V - Serrated	4.375" (111.1 mm)	4.4 lb (2.0 kg)
15,000 lbs. (6,803 kg) Maximum Safe Load								
1628-16	Aircraft, EHS, Messenger, Guy Strand	0.31" to 0.62" (7.87 to 15.75 mm)	—	—	●	Double V	7.25" (184.2 mm)	13.7 lb (6.2 kg)
1628-17	Aircraft, EHS, Messenger, Guy Strand	0.50" to 0.75" (12.70 to 19.05 mm)	—	—	●	Double V	7.25" (184.2 mm)	14.6 lb (6.6 kg)
1628-18	Aircraft, EHS, Messenger, Guy Strand	0.75" to 1.0" (19.05 to 25.40 mm)	—	—	●	Double V	7.25" (184.2 mm)	14.1 lb (6.4 kg)

See Wire Pulling Grip Warnings on page 262



Chicago™ Grips

Weatherproof Stranded and Solid Cable -1611 Series

- Round inside jaw contour for weatherproof coated wire
- Notches in jaw provide firm grip on insulation



1611-30

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
4,500 lbs. (2,041 kg) Maximum Safe Load								
1611-20	Copper	0.20" to 0.40" (5.08 to 10.16 mm)	—	●	●	Notched	4.188" (106.4 mm)	2.6 lb (1.2 kg)
1611-30	Copper	0.31" to 0.53" (7,.87 to 13.46 mm)	—	●	●	Notched	4.75" (120.7 mm)	3.4 lb (1.5 kg)
8,000 lbs. (3,629 kg) Maximum Safe Load								
1611-40	Copper	0.53" to 0.70" (13.46 to 17.78 mm)	—	●	●	Notched	5.688" (144.5 mm)	7.4 lb (3.4 kg)
1611-50	Copper	0.74" to 0.86" (18.80 to 21.84 mm)	—	●	●	Notched	5.688" (144.5 mm)	7.4 lb (3.4 kg)

Due to various types of weatherproof coatings available, selection of proper grips is determined by outside diameter of cable.

Bare Wire-1613 Series

- Designed for working with solid and stranded bare wire from 0.08" (2 mm) to 0.20" (5.1 mm)
- Lightweight, cost-effective grip
- Single “V” groove jaw
- Cat. Nos. 1613-35 and 1613-35H pulls #6 and #8 bare copper wire without damaging or deforming the cable





1613-30

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
1,500 lbs. (680 kg) Maximum Safe Load								
1613-30	Copper, Steel	0.08" to 0.20" (2.03 to 5.08 mm)	—	●	●	Single V	3" (76.2 mm)	1.5 lb (0.7 kg)
4,500 lbs. (2,041 kg) Maximum Safe Load								
1613-35	Copper	#8 to #6 AWG	—	●	●	Single V	4.188" (106.4 mm)	2.9 lb (1.3 kg)
161335H	Copper	#8 to #6 AWG	●	●	●	Single V	4.188" (106.4 mm)	2.8 lb (1.3 kg)

PVC-Covered Cable -1659 Series

- Specially machined serpentine jaws allow insulated conductor to be inserted through jaws
- Eliminates necessity of stripping insulation from conductor
- Round inside-jaw contour





1659-30

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
4,500 lbs. (2,041 kg) Maximum Safe Load								
1659-20	Copper	0.20" to 0.42" (5.08 to 10.67 mm)	—	●	●	Round - Serpentine	4.188" (106.4 mm)	2.6 lb (1.2 kg)
1659-30	Copper	0.31" to 0.50" (7.87 to 12.70 mm)	—	●	●	Round - Serpentine	4.75" (120.7 mm)	3.3 lb (1.5 kg)
8,000 lbs. (3,629 kg) Maximum Safe Load								
1659-40	Copper	0.49" to 0.79" (12.45 to 20.07 mm)	—	●	●	Round - Serpentine	5.688" (144.5 mm)	7.7 lb (3.5 kg)
1659-50	Copper	0.79" to 1.01" (20.07 to 25.65 mm)	—	●	●	Round - Serpentine	5.688" (144.5 mm)	7.3 lb (3.3 kg)

Chicago™ Grips

Bell System B, L, and H-1628, 1659, 1684 & 1692 Series

- All are equipped with chain, toggle and shackle - keeps the grip from falling off of cable
- 1659-5AT is similar to Bell-System type “B” Strand Puller. Designed to pull 1/4" (6.35 mm) figure-8 telephone cable



1659-5AT

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

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
5,000 lbs. (2,268 kg) Maximum Safe Load								
1659-5AT	Steel Strand	0.20" to 0.37" (5.08 to 9.4 mm)	—	●	●	Round - Serpentine	5" (127.0 mm)	6.7 lb (3.03 kg)
8,000 lbs. (3,629 kg) Maximum Safe Load								
1684-5AT	Steel Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Double V	5" (127.0 mm)	6.9 lb (3.12 kg)
NEW 16845CAT	Steel Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Aggressive	5" (127.0 mm)	6.9 lb (3.1 kg)
1692-5AT	Steel Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Double V	5" (127.0 mm)	6.6 lb (2.99 kg)
15,000 lbs. (6,803 kg) Maximum Safe Load								
1628-16AT	Steel Strand	0.31" to 0.62" (7.87 to 15.75 mm)	—	●	●	Double V	7.25" (184.2 mm)	15.8 lb (7.17 kg)

Steel 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
- Latch on Cat. No. 1604-20L helps hold cable in the jaw





1604-20



1604-20L

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Weight
2,500 lbs. (1,134 kg) Maximum Safe Load							
1604-10	Messenger and Guy Strand	0.06" to 0.25" (1.52 to 6.35 mm)	—	—	—	Aggressive	0.95 lb (0.43 kg)
5,000 lbs. (2,268 kg) Maximum Safe Load							
1604-20	Messenger and Guy Strand	0.125" to 0.500" (3.18 to 12.70 mm)	—	—	—	Aggressive	2.2 lb (1.0 kg)
1604-20L	Messenger and Guy Strand	0.125" to 0.500" (3.18 to 12.70 mm)	—	—	—	Aggressive	2.60 lb (1.18 kg)

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





1625-20-114

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Weight
2,000 lbs. (907 kg) Maximum Safe Load							
162520-114	Wire Rope	0.75" to 1.25" (19.05 to 31.75 mm)	—	—	—	Aggressive	3.7 lb (1.7 kg)
8,000 lbs. (3,629 kg) Maximum Safe Load							
1625-20	Wire Rope	0.28" to 0.75" (7.11 to 19.05 mm)	—	—	—	Aggressive	3.5 lb (1.6 kg)
162520-7/8	Wire Rope	0.38" to 0.88" (9.65 to 22.35 mm)	—	—	—	Aggressive	3.4 lb (1.5 kg)
162520-1	Wire Rope	0.50" to 1.00" (12.70 to 25.40 mm)	—	—	—	Aggressive	3.4 lb (1.5 kg)

See Wire Pulling Grip Warnings on page 262

Parallel Jaw Grips

HDPE-Coated Cable

- Securely pulls HDPE-coated cable commonly known as "tree wire"
- Innovative high-traction surface grips the cable without damaging the outer jacket
- Tough carbide grit technology withstands even the harshest jobsite conditions


1716-60


1716-70

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Length	Jaw Type	Weight
4,000 lbs. (1,814 kg) Maximum Safe Load								
1716-70	HDPE-Coated	0.625" to 1.362" (15.9 to 34.6 mm)	●	●	—	4.5" (114.3 mm)	Round	5.10 lb (2.31 kg)
NEW 1716-71	HDPE-Coated	0.625" to 1.362" (15.9 to 34.6 mm)	●	●	●	4.5" (114.3 mm)	Round	5.10 lb (2.31 kg)
12,000 lbs. (5,443 kg) Maximum Safe Load								
1716-60	HDPE-Coated	0.70" to 1.30" (17.78 to 33.02 mm)	—	●	—	5.125" (130.2 mm)	Round	8.1 lb (3.7 kg)

KT Series

- Versatile grips hold a wider range of ACSR cable sizes reducing the number of grips needed
- Round jaw provides maximum contact with the cable minimizing deformation
- Large opening in handle accommodates a wide variety of hooks on hoists, winches, and tackle blocks
- Hot latch closes automatically to guard against grip accidentally disengaging from wire
- Spring closes grip on cable helping to maintain initial position
- Locking handle keeps jaw open while grip is placed on cable with a hot stick


KT4650


KT4500


KT4602

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
5,000 lbs. (2,268 kg) Maximum Safe Load								
KT4500	ACSR	0.18" to 0.60" (4.57 to 15.20 mm)	—	●	—	Round - Serrated	4" (101.6 mm)	3.8 lb (1.7 kg)
KT4501	ACSR	0.18" to 0.60" (4.57 to 15.20 mm)	●	●	●	Round - Serrated	4" (101.6 mm)	3.8 lb (1.7 kg)
KT4502	ACSR	0.18" to 0.60" (4.57 to 15.20 mm)	●	●	—	Round - Serrated	4" (101.6 mm)	3.8 lb (1.7 kg)
KT4650	ACSR	0.16" to 0.90" (4.06 to 22.86 mm)	—	●	—	Round - Serrated	4.5" (114.3 mm)	4.4 lb (2.0 kg)
KT4652	ACSR	0.16" to 0.90" (4.06 to 22.86 mm)	●	●	—	Round - Serrated	4.5" (114.3 mm)	4.9 lb (2.2 kg)
10,000 lbs. (4,536 kg) Maximum Safe Load								
KT4600	ACSR	0.30" to 0.80" (7.62 to 20.3 mm)	—	●	—	Round - Serrated	5" (127.0 mm)	7.0 lb (3.2 kg)
KT4601	ACSR	0.30" to 0.80" (7.62 to 20.3 mm)	●	●	●	Round - Serrated	5" (127.0 mm)	7.0 lb (3.2 kg)
KT4602	ACSR	0.30" to 0.80" (7.62 to 20.3 mm)	●	—	—	Round - Serrated	5" (127.0 mm)	7.0 lb (3.2 kg)
12,000 lbs. (5,443 kg) Maximum Safe Load								
KT4800	ACSR	0.70" to 1.25" (17.78 to 31.75 mm)	—	●	—	Round - Serrated	5.125" (130.2 mm)	9.0 lb (4.1 kg)
KT4801	ACSR	0.70" to 1.25" (17.78 to 31.75 mm)	●	●	●	Round - Serrated	5.125" (130.2 mm)	9.0 lb (4.1 kg)
KT4802	ACSR	0.70" to 1.25" (17.78 to 31.75 mm)	●	—	—	Round - Serrated	5.125" (130.2 mm)	9.0 lb (4.1 kg)

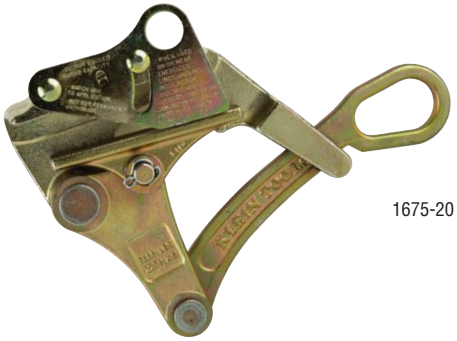
See Wire Pulling Grip Warnings on page 262

Parallel Jaw Grips

1675 Series

NEW Product

- Versatile grips hold a wider range of ACSR cable sizes reducing the number of grips needed
- Round jaw provides maximum contact with the cable minimizing deformation
- Large opening in handle accommodates a wide variety of hooks on hoists, winches, and tackle blocks
- Hot latch closes automatically to guard against grip accidentally disengaging from wire
- Locking handle keeps jaw open while grip is placed on cable with a hot stick

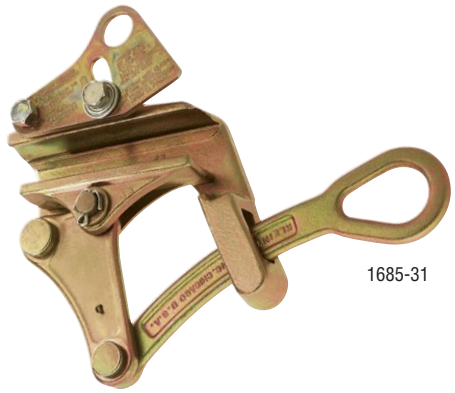


1675-20

	Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
	5,000 lbs. (2,268 kg) Maximum Safe Load								
NEW	1675-20	ACSR	0.16" to 0.90" (4.06 to 22.86 mm)	●	●	●	Round - Serrated	5" (127 mm)	7 lb (3.2 kg)
NEW	1675-21	ACSR	0.16" to 0.90" (4.06 to 22.86 mm)	●	●	—	Round - Serrated	5" (127 mm)	7 lb (3.2 kg)

1685 Series

- Lightweight, compact grips pull an exceptionally wide range of cable sizes and types
- Designed with a round inside-jaw contour for maximum contact to minimize conductor damage
- Lower jaw is serrated to firmly grip insulated cables and conductors
- Large-diameter eye accommodates large hooks on hoists, winches and tackle blocks



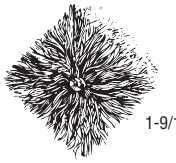
1685-31

Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
1685-20	Messenger, EHS, Coated	0.157" to 0.875" (3.98 to 22.22 mm)	—	●	—	Round - Serrated	2.5" (63.5 mm)	2.6 lb (1.2 kg)
1685-31	Messenger, EHS, Coated	0.625" to 1.250" (15.87 to 31.75 mm)	●	●	—	Round - Serpentine	4.5" (114.3 mm)	4.8 lb (2.2 kg)

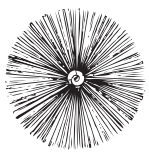
Accessories

Grip-Cleaning Brush Set

- Set of four wire-bristle brushes designed for cleaning Klein wire and cable-pulling grips
- Brushes have stiff wire bristles
- Includes round and square shapes in both 12" and 14" (304.8 and 355.6 mm) lengths for efficient cleaning of different jaw configurations
- Semi-flexible steel shafts set into comfortable wooden handles provide the necessary reach into grip jaws



1-9/16"



1-9/16"



3/8"



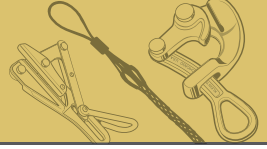
3/8"



25450

Cat. No.	Weight
25450	1.0 lb (0.5 kg)

See Wire Pulling Grip Warnings on page 262



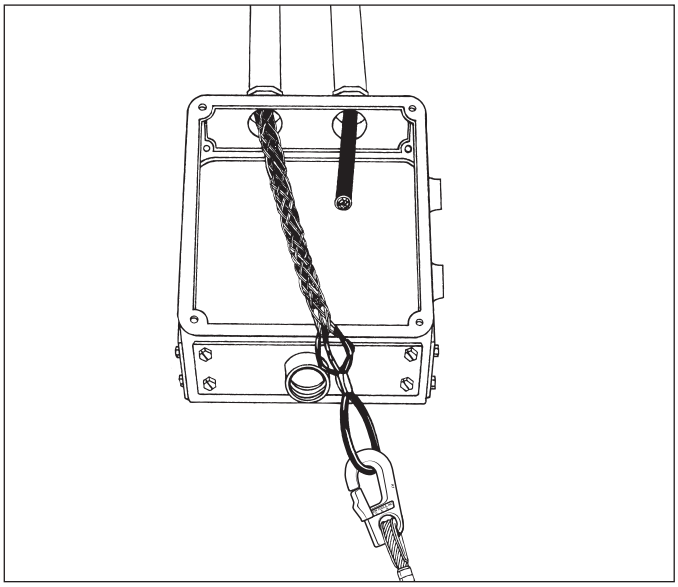
Introduction – Wire Mesh Grips

Klein mesh pulling-grips are used for pulling overhead or underground cable, for stringing service or communication lines into buildings, for pulling wire through conduit, and for general underground construction.

Klein grips may be used for pulling bare or insulated wires, and wire rope. They install quickly and easily, and are designed to pass readily through ducts, conduit, blocks, and sheaves.

Klein grips are reusable and do not damage the cable because pulling tension remains uniform along the length of the grip. The mesh will fit either a single cable, or a bundle of cables.

Klein pulling grips are woven of galvanized steel – strong and long lasting.



General Application Information

KPJ junior-duty series is used for small-job requirements where pulling tensions are low. Typical uses are to connect insulated building wire bundles to pulling tape, and pull through conduit.

KPL light duty grips are economical for applications such as industrial plant wiring and rewiring jobs, and in underground electrical construction where pulling tensions are low.

KSRK light-duty, slack-pulling grips are split mesh, single-weave design with rod closure for quick installation. Application areas similar to KSSK series, except mesh lengths are shorter and for lower pulling loads.

KPM medium-duty grips are flexible and easily handled; ideal for use where the exceptional strength of heavy-duty grips is not required.

KSCK medium-duty slack-pulling grips with closed double-weave mesh are used for final placement of underground cable where cable end is available, or for removing cable. Standard lengths are used in restricted space for short pulls. Where space is not restricted, longer lengths are used for higher pulling loads.

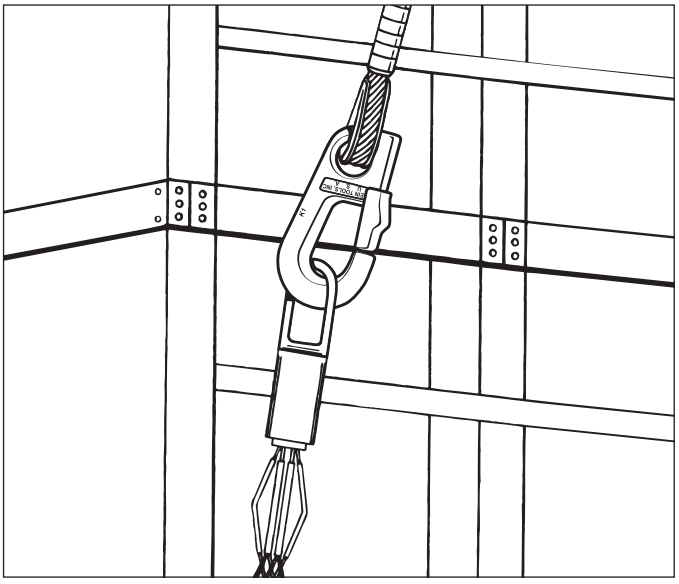
KSSK medium-duty slack-pulling grip applications are similar to the KSCK series except they are used where cable end is not available. Double-weave split mesh has lace closure.

KP heavy-duty grip series are recommended for underground installations.

KPS heavy-duty grip series are also recommended for underground installations. An additional feature of the KPS includes "rotating eye" to allow twists in the cable to spin out during slack periods.

Prefix Letter Code

KPJ	Pulling, Junior-Duty, Closed-Mesh, Single-Weave, Light Duty, Flexible Eye
KPL	Pulling, Closed-Mesh, Single-Weave, Flexible Eye
KSRK	Slack-Pulling, Light-Duty, Split-Mesh, Single-Weave, Rod Closure, Offset Flexible Eye
KPM	Pulling, Medium-Duty, Closed-Mesh, Double-Weave, Flexible Eye
KSCK	Slack-Pulling, Meduim Duty, Closed-Mesh, Double-Weave, Offset Flexible Eye
KSSK	Slack-Pulling, Meduim 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



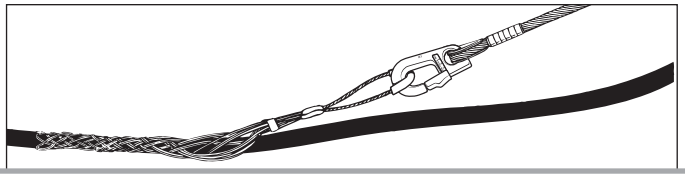
Catalog Number Explanation

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.



See Wire-Mesh Grip Warnings on page 277

Introduction – Wire Mesh Grips

How to select proper grip eye and mesh type

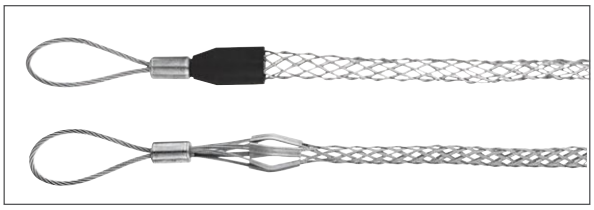
There are three basic styles of pulling grips, together with a choice of wire mesh types and lengths to meet a wide variety of pulling requirements.

Design Strength

Applications and conditions of use for Klein mesh pulling grips vary so widely that it is impossible to set any meaningful standard for "breaking strength."

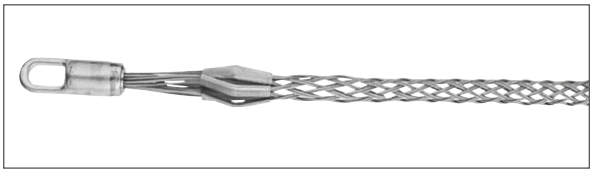
With wire-mesh pulling grips, the holding power achieved is directly related to the length of mesh. The longer the mesh, the firmer the grip on the cable. For smaller-diameter cable, or where the weight to be pulled is less, short mesh grips will serve the purpose.

1. Flexible Eye: Closed Mesh



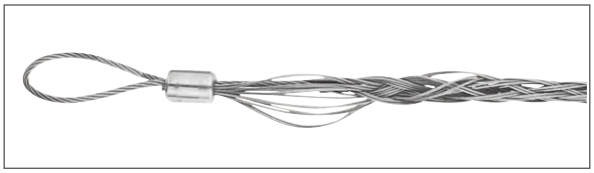
KPJ/KPL/KPM/KP
This pulling-grip eye allows maximum flexibility to follow the line of pull, and is used when the end of the cable is available. Mesh selection depends on the weight of the material being pulled. Closed-mesh, single weave, flexible-eye grips are offered in lengths for junior-duty and light-duty use; closed-mesh, double-weave, flexible-eye grips are offered for medium-duty and heavy-duty use.

2. Rotating Eye: Closed Mesh



KPS
Recommended for heavier pulling jobs and underground wiring, this pulling grip eye is furnished on double-weave mesh grips in a wide range of lengths. The rotating eye compensates for pulling torque, relieving strain on the cable. **Rotating-eye grips should not be used on rope or as a swivel.**

3. Offset Flexible Eye: Split and Closed Mesh



KSRK/KSCK/KSSK
These slack-pulling grips come in three styles:

KSRK single-weave split-mesh with rod closure (light duty, where cable end is not available),

KSCK double-weave closed-mesh (for medium duty, where the end of the cable is available),

KSSK double-weave split-mesh with lace closure (medium duty, where cable end is not available).

How grips are attached to cable

Closed-mesh grips simply slip over the cable where the cable end is accessible.

Split-mesh grips are used when the end of the cable is not available.
The grip is folded around the cable, and secured with a wire lace or steel rod (supplied with the grip) as follows:

1. Split mesh with lace closure
Start at the lead end of the grip, threading the lace through the first two loops of the split, then pulling it through until ends are centered evenly. Cross the lace ends and thread through next two loops, and so on down the grip. Do not pull lacing too tight. Spacing of laced closure should be about the same as the mesh weave. When the end of the grip is reached, twist lacing strands tightly together; wrap ends of lace around grip, and twist again to secure. Excess may be cut off.

2. Split mesh with rod closure
Simply wrap the grip around the cable, then thread the rod through the loops, using a cork-screw motion.
To remove, pull the rod out, and the grip is ready for re-use.

Wire-Mesh Grips Warnings

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

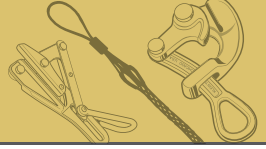
⚠**WARNING:** When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

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

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

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

See Wire-Mesh Grip Warnings on page 277



Introduction – Wire Mesh Grips

How to select the proper pulling grip for your application

1. Select the proper pulling-grip series (Prefix Letter Code…e.g. KPS) based on the "General Application Information" descriptions in the Wire-Mesh Grips Introduction on preceding pages.
2. Select grip size based on the outside diameter or circumference of the cable(s) to be pulled. Refer to reference tables (on this and following page) for convenience in determining cable diameters.
3. Use Pulling-Grip Selection Tables (on this and following page) to determine the "Size" portion of the Catalog Number for the cable diameter required. In the ordering tables (see following pages) this "Size" code is incorporated within the catalog number under the various grip-type classifications.

Table 1

Pulling Grip Selection Table for One or More Cables of Equal Diameter to Be Pulled in One Grip

1. Read across on top line for number of cables in one grip.
2. Read down for diameter of each cable.
3. Use Cat. No. size code to select catalog number of the required size grip.

Example:
3 Cables, each with diameter of 1.31" use grip with Cat. No. Size Code 250.

Cable Diameters in Decimal Inches

1 Cable	2 Cables	3 Cables	4 Cables	5 Cables	6 & 7 Cables	8 Cables	9 Cables	Cat. No. Size Code	Grip Diam. Range
0.50–0.62	0.27–0.36	0.26–0.33	0.24–0.28	0.21–0.25	0.19–0.22	0.17–0.20	0.15–0.19	050	0.50–0.62
0.62–0.75	0.36–0.45	0.33–0.36	0.28–0.31	0.25–0.29	0.22–0.26	0.20–0.23	0.19–0.22	062	0.62–0.75
0.75–1.00	0.45–0.60	0.36–0.49	0.31–0.42	0.29–0.38	0.26–0.34	0.23–0.31	0.22–0.31	075	0.75–1.00
1.00–1.25	0.60–0.76	0.49–0.63	0.42–0.54	0.38–0.48	0.34–0.43	0.31–0.39	0.29–0.36	100	1.00–1.25
1.25–1.50	0.76–0.91	0.63–0.76	0.54–0.65	0.48–0.58	0.43–0.52	0.39–0.46	0.36–0.43	125	1.25–1.50
1.50–1.75	0.91–1.08	0.76–0.89	0.65–0.77	0.58–0.67	0.52–0.60	0.46–0.54	0.43–0.49	150	1.50–1.75
2.00–2.50	1.23–1.54	1.02–1.28	0.88–1.10	0.77–0.96	0.69–0.86	0.62–0.77	0.57–0.72	200	2.00–2.50
2.50–3.00	1.54–1.84	1.28–1.53	1.10–1.32	0.96–1.16	0.86–1.03	0.77–0.93	0.72–0.86	250	2.50–3.00
3.00–3.50	1.84–2.15	1.53–1.79	1.32–1.54	1.16–1.35	1.03–1.20	0.93–1.08	0.86–1.00	300	3.00–3.50
3.50–4.00	2.15–2.45	1.79–2.05	1.54–1.76	1.35–1.54	1.20–1.37	1.08–1.24	1.00–1.14	350	3.50–4.00

Table 2

Pulling-Grip Selection Table for Cables of Different Diameters to Be Pulled in One Grip

Grip Circumference Range		Cat. No. Size Code	Grip Diameter Range	
Fractional Inches	Decimal Inches		Fractional Inches	Decimal Inches
1-37/64–1-15/16	1.57–1.94	062	1/2–5/8	.50–.62
1-37/64–2-3/8	1.57–2.37	050	5/8–3/4	.62–.75
2-3/8–3-5/32	2.37–3.15	075	3/4–1	.75–1.00
3-5/32–3-15/16	3.15–3.94	100	1–1-1/4	1.00–1.25
3-15/16–4-23/32	3.94–4.72	125	1-1/4–1-1/2	1.25–1.50
4-23/32–5-33/64	4.72–5.51	150	1-1/2–1-3/4	1.50–1.75
6-19/64–7-55/64	6.29–7.86	200	2–2-1/2	2.00–2.50
7-55/64–9-7/16	7.86–9.43	250	2-1/2–3	2.50–3.00
9-7/16–11-1/64	9.43–11.01	300	3–3-1/2	3.00–3.50
11-1/64–12-37/64	11.01–12.58	350	3-1/2–4	3.50–4.00

"Grip Circumference Range" refers to circumference of all cables held together.

1. Measure the circumference of bundle of cables to be held.
2. Read down to locate correct range.
3. Read across for catalog number size code.

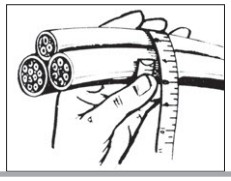


Table 3

Reference Table: Dimension Conversions for Ordering Tables

Decimal Inches	Fractional Inches	Metric Dimensions (mm)
0.12–0.24	1/8–15/64	3.17–5.95
0.25–0.36	1/4–23/64	6.35–9.13
0.37–0.49	3/8–31/64	9.52–12.30
0.50–0.61	1/2–39/64	12.70–15.48
0.62–0.74	5/8–47/64	15.88–18.65
0.75–0.99	3/4–63/64	19.05–25.00
1.00–1.24	1–1-15/64	25.40–31.35
1.25–1.49	1-1/4–1-31/64	31.75–37.70
1.50–1.99	1-1/2–1-63/64	38.10–50.40
2.00–2.49	2–2-31/64	50.80–63.10
2.50–2.99	2-1/2–2-63/64	63.50–75.80
3.00–3.49	3–3-31/64	76.20–88.50
3.50–3.99	3-1/2–3-63/64	88.90–101.20

Example:
For four cables together with circumference of 6.35", use grip containing catalog number size code "200".

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

See Wire-Mesh Grip Warnings on page 277

Wire Mesh Grips

Single-Weave, Flexible-Eye Pulling Grips



KPJ-50

Cat. No.	Cable Diameter	Mesh Length	Maximum Safe Load	Weight
KPJ50	0.50" to 0.61" (12.70 to 15.59 mm)	8.5" (215.9 mm)	260 lb (118 kg)	0.80 oz (22.7 g)
KPJ75	0.75" to 0.99" (19.05 to 25.15 mm	10" (254.0 mm)	560 lb (254 kg)	0.10 lb (0.05 kg)
KPJ100	1.00" to 1.24" (25.4 to 31.50 mm)	11.5" (292.1 mm)	780 lb (354 kg)	0.28 lb (0.13 kg)
KPL125-1	1.25" to 1.49" (31.75 to 37.85 mm)	14" (355.6 mm)	1060 lb (481 kg)	0.40 lb (0.18 kg)
KPL150-1	1.50" to 1.74" (38.10 to 44.20 mm)	15" (381.0 mm)	1360 lb (617 kg)	0.40 lb (0.18 kg)
KPL200-1	2.00" to 2.49" (50.80 to 63.25 mm)	18" (457.2 mm)	1700 lb (771 kg)	0.65 lb (0.29 kg)

Double-Weave, Flexible-Eye Pulling Grips



KPM-075

Cat. No.	Cable Diameter	Mesh Length	Maximum Safe Load	Weight
KPM050	0.50" to 0.61" (12.70 to 15.59 mm)	13" (330.2 mm)	480 lb (218 kg)	0.10 lb (0.05 kg)
KPM075	0.75" to 0.99" (19.05 to 25.15 mm	16" (406.4 mm)	1030 lb (467 kg)	0.20 lb (0.09 kg)
KPM100	1.00" to 1.37" (25.4 to 34.80 mm)	18" (457.2 mm)	1420 lb (644 kg)	0.40 lb (0.18 kg)
KP075-24	0.75" to 0.99" (19.05 to 25.15 mm	24" (609.6 mm)	1360 lb (617 kg)	0.50 lb (0.23 kg)
KP100-24	1.00" to 1.49" (25.4 to 37.85 mm)	24" (609.6 mm)	1920 lb (871 kg)	1.1 lb (0.5 kg)
KP075-36	0.75" to 0.99" (19.05 to 25.15 mm	36" (914.4 mm)	1360 lb (617 kg)	0.74 lb (0.34 kg)
KP100-36	1.00" to 1.49" (25.4 to 37.85 mm)	36" (914.4 mm)	1920 lb (871 kg)	1.0 lb (0.5 kg)
KP150-36	1.50" to 1.99" (38.10 to 50.55 mm)	36" (914.4 mm)	3280 lb (1488 kg)	1.6 lb (0.7 kg)

Double-Weave, Rotating-Eye Pulling Grips



KPS-062-1

Cat. No.	Cable Diameter	Mesh Length	Maximum Safe Load	Weight
KPS050-2	0.50" to 0.61" (12.70 to 15.59 mm)	16" (406.4 mm)	1120 lb (508 kg)	0.45 lb (0.20 kg)
KPS062-2	0.620" to 0.740" (15.74 to 18.79 mm)	16" (406.4 mm)	1360 lb (617 kg)	0.50 lb (0.23 kg)
KPS075-2	0.75" to 0.99" (19.05 to 25.15 mm)	20" (508.0 mm)	1360 lb (617 kg)	0.85 lb (0.39 kg)
KPS100-2	1.00" to 1.24" (25.4 to 31.50 mm)	20" (508.0 mm)	2560 lb (1161 kg)	1.9 lb (0.9 kg)
KPS125-2	1.25" to 1.49" (31.75 to 37.85 mm)	21" (533.4 mm)	2560 lb (1161 kg)	1.9 lb (0.9 kg)
KPS150-2	1.50" to 1.99" (38.10 to 50.55 mm)	25" (635.0 mm)	3280 lb (1488 kg)	2.2 lb (1.0 kg)
KPS200-2	2.00" to 2.49" (50.80 to 63.25 mm)	26" (660.4 mm)	5440 lb (2468 kg)	4.1 lb (1.9 kg)
KPS250-2	2.50" to 2.99" (63.50 to 75.95 mm)	28" (711.2 mm)	6600 lb (2994 kg)	5.3 lb (2.4 kg)
KPS300-2	3.00" to 3.49" (76.20 to 88.65 mm)	30" (762.0 mm)	8200 lb (3720 kg)	6.1 lb (2.8 kg)
KPS350-2	3.5" to 3.99" (88.90 to 101.35 mm)	32" (812.8 mm)	9600 lb (4354 kg)	6.8 lb (3.1 kg)
KPS100-3	1.00" to 1.49" (25.4 to 37.85 mm)	33" (838.2 mm)	3280 lb (1488 kg)	2.4 lb (1.1 kg)
KPS150-3	1.50" to 1.99" (38.10 to 50.55 mm)	34" (863.6 mm)	3280 lb (1488 kg)	2.5 lb (1.1 kg)
KPS200-3	2.00" to 2.49" (50.80 to 63.25 mm)	36" (914.4 mm)	5440 lb (2468 kg)	4.7 lb (2.1 kg)

Slack-Pulling, Offset Flexible-Eye Pulling Grips



KSCK-100-1

Cat. No.	Cable Diameter	Mesh Length	Maximum Safe Load	Weight
KSCK100-1	1.00" to 1.24" (25.4 to 31.50 mm)	15" (381.0 mm)	800 lb (363 kg)	0.50 lb (0.23 kg)
KSSK125-1	1.25" to 1.49" (31.75 to 37.85 mm)	16" (406.4 mm)	800 lb (363 kg)	0.25 lb (0.11 kg)

See Wire-Mesh Grip Warnings on page 277



Battery-Operated Tools

Klein brings over 160 years of the quality, durability and expertise in hand tools to battery-operated tools.

This line of cable cutters, crimpers and impact wrench are engineered to help linemen work more efficiently by reducing time and effort on the job.

All with the performance and durability professionals expect from Klein.

POWERED BY DEWALT™

DEWALT is a registered trademark of the Black and Decker Corporation.

For Professionals... Since 1857™

Gear-Driven Cable Cutters

- Open- and closed- jaw styles
- Two work lights illuminate dark spaces
- Safety lockout switch
- Powered by DeWALT 20V lithium-ion batteries


OPEN JAW MODEL


CLOSED JAW MODEL


COPPER

ALUMINUM

ACSR





BAT20-G1

	Cat. No.	Description	Maximum Cable Capacity (Copper)	Maximum Cable Capacity (Aluminum)	Maximum Cable Capacity (ACSR)	Included	Weight
	BAT20-G1	Battery-Operated ACSR Closed-Jaw Cutter, 2 Ah	600 MCM	1500 MCM	1590 MCM	(2) 2 Ah Batteries, Charger and Bag	13.2 lb (6.0 kg)
NEW	BAT20G14H	Battery-Operated ACSR Closed-Jaw Cutter, 4 Ah	600 MCM	1500 MCM	1590 MCM	(2) 4 Ah Batteries, Charger and Bag	13.2 lb (6.0 kg)
	BAT20-G10	Battery-Operated Cu/Al Closed-Jaw Cutter, 2 Ah	750 MCM	1500 MCM	—	(2) 2 Ah Batteries, Charger and Bag	13.3 lb (6.0 kg)
NEW	BAT20G104H	Battery-Operated Cu/Al Closed-Jaw Cutter, 4 Ah	750 MCM	1500 MCM	—	(2) 4 Ah Batteries, Charger and Bag	13.3 lb (6.0 kg)
	BAT20-G2	Battery-Operated ACSR Open-Jaw Cutter, 2 Ah	400 MCM	900 MCM	795 MCM	(2) 2 Ah Batteries, Charger and Bag	15.3 lb (6.9 kg)
NEW	BAT20G24H	Battery-Operated ACSR Open-Jaw Cutter, 4 Ah	400 MCM	900 MCM	795 MCM	(2) 4 Ah Batteries, Charger and Bag	15.3 lb (6.9 kg)
	BAT20-G7	Battery-Operated Cu/Al Open-Jaw Cutter, 2 Ah	600 MCM	1000 MCM	—	(2) 2 Ah Batteries, Charger and Bag	15.2 lb (6.9 kg)
	Replacement Jaw						
	BAT20-G4	Replacement Blades, ACSR Closed-Jaw Cutter	600 MCM	1500 MCM	1590 MCM	—	2.72 lb (1.23 kg)
	BAT20-G5	Replacement Blades, ACSR Open-Jaw Cutter	400 MCM	900 MCM	795 MCM	—	4.71 lb (2.14 kg)
	BAT20-G8	Replacement Blades, Cu/Al Closed-Jaw Cutter	750 MCM	1500 MCM	—	—	1.66 lb (0.75 kg)
	BAT20-G9	Replacement Blades, Cu/Al Open-Jaw Cutter	600 MCM	1000 MCM	—	—	4.60 lb (2.09 kg)

Impact Wrench

- Designed for professional impact fastening and drilling applications
- Up to 500-ft-lb of max torque for driving fasteners into wood, metal and concrete
- 7/16" (11 mm) Quick-Release Chuck
- 0-1900 RPM variable speed trigger
- Safety lockout switch
- Powered by DeWALT 20V lithium-ion batteries



BAT20-7161

Cat. No.	Description	Included	Weight
BAT20-716	Battery-Operated Impact Wrench, 7/16" Tool Only	—	6.3 lb (2.9 kg)
BAT20-7161	Battery-Operated Impact Wrench Kit, 7/16"	(2) 4 Ah Batteries, Charger, Bag and Manual	13.3 lb (6.0 kg)

See page 297 for additional information on warnings.

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

12-Ton Crimper

- 360-degree rotating head for flexibility in crimping positions
- Green light indicates full pressure confirming a good crimp has been made
- Four working lights for dark spaces
- Compatible with industry standard U-Style dies
- Safety lockout switch
- Powered by DeWALT 20V lithium-ion batteries



COPPER

ALUMINUM

ACSR



BAT20-12T1651

Cat. No.	Description	Maximum Cable Capacity (Copper)	Maximum Cable Capacity (Aluminum)	Maximum Cable Capacity (ACSR)	Included	Weight
BAT20-12T165	Battery-Operated 12-Ton Crimper with Case	8 AWG to 750 MCM	8 AWG to 750 MCM	556 MCM	C-Style Head and Case	24.5 lb (11.1 kg)
BAT20-12T1651	Battery-Operated 12-Ton Crimper Kit	8 AWG to 750 MCM	8 AWG to 750 MCM	556 MCM	C-Style Head, (2) Batteries, Charger and Case	28.2 lb (12.8 kg)

7-Ton Combination Cable Cutter/Crimpers

- One tool with 6 heads to meet different job requirements
- Handles copper, aluminum, ACSR, EHS guy strand and steel bolts
- 7-ton hydraulic force provides 15% more cutting and crimping power than similar models on the market
- Compatible with industry standard W-style dies
- Two work lights illuminate darker spaces
- Green light indicator to confirm a good crimp has been made
- Powered by DeWALT 20V lithium-ion batteries, available in 2 Ah and 4 Ah styles



COPPER

ALUMINUM

ACSR

EHS

GRADE 8 BOLTS





BAT20-7T14

SEE CHART LOCATED ON NEXT PAGE

See page 297 for additional information on warnings.

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

7-Ton Combination Cable Cutter/Crimpers





	Cat. No.	Description	Maximum Cable Capacity (Copper)	Maximum Cable Capacity (Aluminum)	Maximum Cable Capacity (ACSR)	Maximum Cable Capacity (Guy Strand)	Bolt Maximum Capacity	Included	Weight
	BAT20-7T	Battery-Operated Cutter/ Crimper, Tool Only	—	—	—	—	—	Bag	7.15 lb (3.24 kg)
NEW	BAT207T4H	Battery-Op Cut/Crimper, BG Die/D3 Groove/ACSR/EHS	500 MCM	500 MCM	556 MCM	7/16" EHS	3/8" Grade 8	BG and D3 Crimping Jaw, ACSR and EH Cutting Jaw, (2) 4 Ah Batteries, Charger and Bag	25.73 lb (11.7 kg)
	BAT207T1	Battery-Operated Crimper, BG Die/D3 Groove, 2 Ah	600 MCM	350 MCM	477 MCM	—	—	BG Fixed Die and D3 Groove Head, (2) 2 Ah Batteries, Charger and Bag	15.7 lb (7.1 kg)
NEW	BAT207T14H	Battery-Operated Crimper, BG Die/D3 Groove, 4 Ah	600 MCM	350 MCM	477 MCM	—	—	BG Fixed Die and D3 Groove Head, (2) 4Ah Batteries, Charger and Bag	17.15 lb (7.8 kg)
	BAT207T2	Battery-Operated Cable Crimper, D3 Groove, 2 Ah	600 MCM	350 MCM	477 MCM	—	—	D3 Groove Head, (2) 2Ah Batteries, Charger and Bag	15.4 lb (7.0 kg)
NEW	BAT207T24H	Battery-Operated Cable Crimper, D3 Groove, 4 Ah	600 MCM	350 MCM	477 MCM	—	—	D3 Groove Head, (2) 4Ah Batteries, Charger and Bag	17.15 lb (7.8 kg)
	BAT207T3	Battery-Operated Cable Cutter, Cu/Al, 2 Ah	750 MCM	1000 MCM	—	—	—	Cutting Jaw, (2) 2 Ah Batteries, Charger and Bag	15.74 lb (7.14 kg)
NEW	BAT207T34H	Battery-Operated Cable Cutter, Cu/Al, 4 Ah	750 MCM	1000 MCM	—	—	—	Cutting Jaw, (2) 4 Ah Batteries, Charger and Bag	17.19 lb (7.8 kg)
	BAT207T4	Battery-Operated Cable Cutter, ACSR, 2 Ah	500 MCM	500 MCM	556 MCM	—	—	Cutting Jaw, (2) 2 Ah Batteries, Charger and Bag	16.03 lb (7.27 kg)
NEW	BAT207T44H	Battery-Operated Cable Cutter, ACSR, 4 Ah	500 MCM	500 MCM	556 MCM	—	—	Cutting Jaw, (2) 4 Ah Batteries, Charger and Bag	17.15 lb (7.8 kg)
	BAT207T5	Battery-Operated Bolt Cutter, Steel, 2 Ah	—	—	—	7/16" EHS	3/8" Grade 8	Cutting Jaw, (2) 2 Ah Batteries, Charger and Bag	15.9 lb (7.2 kg)
NEW	BAT207T54H	Battery-Operated Bolt Cutter, Steel, 4 Ah	—	—	—	7/16" EHS	3/8" Grade 8	Cutting Jaw, (2) 4 Ah Batteries, Charger and Bag	17.35 lb (7.9 kg)
	BAT207T13	Battery-Operated Cutter/ Crimper, No Heads, 2 Ah	—	—	—	—	—	(2) 2 Ah Batteries, Charger and Bag	12.49 lb (5.67 kg)
NEW	BAT207T134H	Battery-Operated Cutter/ Crimper, No Heads, 4 Ah	—	—	—	—	—	(2) 4 Ah Batteries, Charger and Bag	13.72 lb (6.2 kg)
	BAT20-7T14	Battery-Operated Cable Cutter/Crimper Kit, 2 Ah	750 MCM	1000 MCM	556 MCM	7/16" EHS	3/8" Grade 8	(3) Cutting Jaws, (3) Crimping Jaws, (2) 2 Ah Batteries, Charger and Bag	32.1 lb (14.6 kg)
NEW	BAT207T144H	Battery-Operated Cable Cutter/Crimper Kit, 4 Ah	750 MCM	1000 MCM	556 MCM	7/16" EHS	3/8" Grade 8	(3) Cutting Jaws, (3) Crimping Jaws, (2) 4 Ah Batteries, Charger and Bag	33.5 lb (15.2 kg)
	BAT207T23	Battery-Operated Cable Crimper, O+ Die Head, 2 Ah	600 MCM	350 MCM	477 MCM	—	—	O Fixed Die/D3 Groove Crimping Jaw, (2) 2 Ah Batteries, Charger and Bag	15.7 lb (7.1 kg)
NEW	BAT207T234H	Battery-Operated Cable Crimper, O+ Die Head, 4 Ah	600 MCM	350 MCM	477 MCM	—	—	O Fixed Die/D3 Groove Crimping Jaw, (2) 4 Ah Batteries, Charger and Bag	17.15 lb (7.8 kg)
	Replacement Jaw								
	BAT207T6	Crimping Jaw, Fixed BG Die/ D3 Groove	600 MCM	350 MCM	477 MCM	—	—	—	3.2 lb (1.5 kg)
	BAT207T7	Crimping Jaw, D3 Groove	600 MCM	350 MCM	477 MCM	—	—	—	2.9 lb (1.3 kg)
	BAT20-7T12	Crimping Jaw, Fixed O Die/ D3 Groove	600 MCM	350 MCM	477 MCM	—	—	—	3.18 lb (1.44 kg)
	BAT207T9	Cutting Jaw, Cu/Al	750 MCM	1000 MCM	—	—	—	—	3.2 lb (1.5 kg)
	BAT207T10	Cutting Jaw, ACSR	500 MCM	500 MCM	556 MCM	—	—	—	3.5 lb (1.6 kg)
	BAT20-7T11	Cutting Jaw, Steel	—	—	—	7/16" EHS	3/8" Grade 8	—	3.5 lb (1.6 kg)
	Replacement Blades								
	BAT207T16	Replacement Blade, Cu/Al Cutting Head	750 MCM	1000 MCM	—	—	—	—	0.35 lb (0.2 kg)
	BAT207T17	Replacement Blade, ACSR Cutting Head	500 MCM	500 MCM	556 MCM	—	—	—	0.40 lb (0.2 kg)
	BAT207T18	Replacement Blade, Steel Cutting Head	—	—	—	7/16" EHS	3/8" Grade 8	—	0.40 lb (0.2 kg)

See page 297 for additional information on warnings.

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



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

Claw Hammers

- 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, narrow striking face and balanced design are ideal for reaching into outlet boxes (Cat. No. 807-18)
- Straight claw design for easy nail pulling in tight quarters (Cat. Nos. 807-18, 808-16 and 808-20)
- Curved claw gives maximum nail-pulling leverage (Cat. Nos. 818-16 and 818-20)



807-18



818-16

Cat. No.	Overall Length	Head Weight	Weight
807-18	15" (381.0 mm)	18.0 oz (510 g)	1.9 lb (0.8 kg)
808-16	13" (330.2 mm)	16.0 oz (454 g)	1.9 lb (0.8 kg)
808-20	14" (355.6 mm)	20.0 oz (567 g)	2.0 lb (0.9 kg)
818-16	13" (330.2 mm)	16.0 oz (454 g)	1.9 lb (0.8 kg)
818-20	14" (355.6 mm)	20.0 oz (567 g)	2.0 lb (0.9 kg)

Lineman's Straight-Claw Hammer

- Heavy-duty, double-duty hammer drives lags and pulls large nails
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw
- Straight-grain hickory handle, lacquered to withstand weather



832-32

Cat. No.	Overall Length	Head Weight	Weight
832-32	15" (381.0 mm)	32.0 oz (907 g)	2.5 lb (1.1 kg)

Lineman's Double-Face Hammer

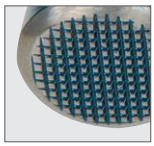
- Designed for pole-line work
- Rugged and well-balanced, with the weight to drive lag bolts
- Faces with 1-3/4" (44 mm) round-crown driving surface and beveled edges
- One milled face for driving staples used in pole-line work and common, unhardened nails (Cat. No. 809-36MF)
- Forged, tempered-steel head is only 3-3/4" (95 mm) long for use in tight areas



809-36

809-36
both sides





809-36MF
one side

Cat. No.	Overall Length	Head Weight	Weight
809-36	14" (355.6 mm)	36 oz (1021 g)	2.5 lb (1.1 kg)
809-36MF	14" (355.6 mm)	36 oz (1021 g)	2.5 lb (1.1 kg)

Hammers

Ball-Peen Hammers

- Forged high-carbon steel head is hardened for additional durability
- Crowned face with uniform bevel
- Smoothly rounded peen
- Straight-grain hickory handle is stained and lacquered to withstand weather

Cat. No.	Overall Length	Head Weight	Weight
803-8	11.5" (292.1 mm)	8.0 oz (227 g)	0.75 lb (0.34 kg)
803-12	12.5" (317.5 mm)	12.0 oz (340 g)	1.1 lb (0.5 kg)
803-16	13.5" (342.9 mm)	16.0 oz (454 g)	1.4 lb (0.6 kg)
803-24	15" (381.0 mm)	24.0 oz (680 g)	1.9 lb (0.9 kg)
803-32	15" (381.0 mm)	32.0 oz (907 g)	2.5 lb (1.1 kg)



803-12

Hand-Drilling Hammer

- Extra-heavy, forged steel head, hardened and tempered
- Short handle for working in close quarters
- Select hickory handle is 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.	Overall Length	Head Weight	Weight
823-48	10" (254.0 mm)	48 oz (1361 g)	3.3 lb (1.5 kg)



823-48

Setting Hammer

- Durable epoxy resin handle helps to protect neck from fraying and splintering if incorrectly struck or over struck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Cushioned, PVC grip bonded to handle
- Special high-carbon steel, octagon shaped head with flat striking surface and rounded cross peen

Cat. No.	Overall Length	Head Weight	Weight
820-16	13" (330.2 mm)	16.0 oz (454 g)	1.6 lb (0.7 kg)



820-16

Riveting Hammer

- High-carbon steel round head is forged and hardened
- Flat striking surface with rounded cross peen
- Straight-grain American hickory handle is stained and lacquered

Cat. No.	Overall Length	Head Weight	Weight
821-12	12.25" (311.2 mm)	12.0 oz (340 g)	1.1 lb (0.5 kg)



821-12

See page 297 for additional information on warnings.

Hammers

Non-Sparking Hammers

- Brass-head hammers are non-sparking, non-marring
- Fiberglass handle includes TPR overmold for extra comfort and shock absorption
- Built-in overstrike protector absorbs shock and vibration when overstrike occurs
- Large sweep at base prevents loss of grip
- Head is securely epoxied to prevent detachment
- Does not contain beryllium



819-03

Cat. No.	Overall Length	Head Weight	Weight
819-03	15.75" (400.1 mm)	3.0 lb (1.4 kg)	3.1 lb (1.4 kg)
819-04	16" (406.4 mm)	4.0 lb (1.8 kg)	4.1 lb (1.8 kg)

Dead Blow Hammers

- Durable, abrasion resistant non-marring hammer face
- Increased striking force with zero impact rebound
- Design isolates user from striking impact and reduces fatigue
- 40% more driving power than other dead blow hammers
- Protects job surface from damage
- Applications: HVAC, metal fabrication, electronics, oil and mining, wood and metal assembly, automotive, aerospace



811-16

Cat. No.	Overall Length	Head Weight	Weight
811-16	12.5" (317.5 mm)	16.0 oz (454 g)	1.4 lb (0.7 kg)
811-32	18" (457.2 mm)	32.0 oz (907 g)	1.8 lb (0.8 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

Cat. No.	Overall Length	Head Weight	Weight
7HBRFRH07	32" (812.8 mm)	7.0 lb (3.2 kg)	9.9 lb (4.5 kg)
7HBRFRH10	36" (914.4 mm)	10.0 lb (4.5 kg)	12.2 lb (5.6 kg)
7HBRFRH04	16" (406.4 mm)	4.0 lb (1.8 kg)	4.9 lb (2.2 kg)
7HBRFRH14	36" (914.4 mm)	14.0 lb (6.4 kg)	16.7 lb (7.6 kg)

See page 297 for additional information on warnings.

Chisels

Cold Chisels

- Heat-treated, high-carbon steel for necessary hardness and durability
- Cuts, shapes and removes metal
- Corrosion-resistant black finish
- Long length works better in hard-to-reach areas (Cat. Nos. 66174, 66177 and 66183)

Cat. No.	Overall Length	Blade Width	Weight
66140	5" (127.0 mm)	0.375" (9.5 mm)	0.10 lb (0.05 kg)
66142	6" (152.4 mm)	0.5" (12.7 mm)	0.20 lb (0.09 kg)
66143	6.5" (165.1 mm)	0.625" (15.9 mm)	0.35 lb (0.16 kg)
66144	7.5" (190.5 mm)	0.75" (19.1 mm)	0.60 lb (0.27 kg)
66145	8" (203.2 mm)	0.875" (22.2 mm)	0.85 lb (0.39 kg)
66146	8.5" (215.9 mm)	1" (25.4 mm)	1.3 lb (0.6 kg)
66174	12" (304.8 mm)	0.5" (12.7 mm)	0.40 lb (0.18 kg)
66177	12" (304.8 mm)	0.75" (19.1 mm)	1.1 lb (0.5 kg)
66183	12" (304.8 mm)	1" (25.4 mm)	2.1 lb (0.9 kg)



66142

66177

Electrician's Chisel

- One-piece handle and blade forged of strong alloy steel
- Corrosion-resistant black finish extends to the polished blade edge

Cat. No.	Overall Length	Blade Width	Weight
66100	8" (203.2 mm)	2.75" (69.9 mm)	1.1 lb (0.5 kg)



66100

Safety Punches & Tire Levers

Wire Rope Punches

- Used to safely drive out pins and keys in machinery
- Long, two-handed rubber handle to lessen shocks from blows
- Head attached with wire rope to reduce shock
- Urethane ring around head to reduce likelihood of chipping
- Heat-treated so it will not shatterPrecision heat treated to prevent shattering

Cat. No.	Point Diameter	Shank Length	Overall Length	Weight
7WRP13	1/2" (12.7 mm)	4.75" (120.7 mm)	20" (508.0 mm)	3.0 lb (1.4 kg)
7WRP16	5/8" (15.9 mm)	4.75" (120.7 mm)	20" (508.0 mm)	3.2 lb (1.5 kg)
7WRP19	3/4" (19.1 mm)	4.75" (120.7 mm)	20" (508.0 mm)	3.6 lb (1.7 kg)
7WRP22	7/8" (22.2 mm)	4.75" (120.7 mm)	20" (508.0 mm)	4.4 lb (2.0 kg)
7WRP25	1" (25.4 mm)	4.75" (120.7 mm)	20" (508.0 mm)	4.6 lb (2.1 kg)
7WRP32	1-1/4" (31.8 mm)	4.75" (120.7 mm)	20" (508.0 mm)	5.3 lb (2.4 kg)



7WRP22

See page 297 for additional information on warnings.

Punches

Brass Punches



- Used where a softer punch is needed, e.g. where damage may occur from using a hardened punch
- Selected brass, correct composition for punch use
- Knurled handle for gripping easily
- Chamfered head for safety

4BPSET5

Cat. No.	Set Contains		Weight
4BPSET5			4.4 lb (2.0 kg)

Cat. No.	Point Diameter	Overall Length
4BP10	3/8" (9.5 mm)	6" (152.4 mm)
4BP12	1/2" (12.7 mm)	7" (177.8 mm)
4BP16	5/8" (15.9 mm)	7" (177.8 mm)
4BP19	3/4" (19.1 mm)	8" (203.2 mm)
4BP25	1" (25.4 mm)	8" (203.2 mm)

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.	Point Diameter	Overall Length	Weight
66310	1/4" (6.4 mm)	4.25" (108 mm)	0.80 oz (22.7 g)
66311	5/16" (7.9 mm)	4.5" (114.3 mm)	0.10 lb (0.05 kg)
66312	3/8" (9.5 mm)	5" (127.0 mm)	0.10 lb (0.05 kg)
66313	1/2" (12.7 mm)	6" (152.4 mm)	0.25 lb (0.11 kg)

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 Diameter	Shank Length	Overall Length	Weight
66340	1/8" (3.18 mm)	4.25" (108 mm)	8" (203.2 mm)	0.20 lb (0.09 kg)
66342	3/16" (4.76 mm)	5" (127.0 mm)	9" (228.6 mm)	0.35 lb (0.16 kg)
66343	1/4" (6.4 mm)	5.5" (139.7 mm)	11" (279.4 mm)	0.75 lb (0.34 kg)
66344	5/16" (7.9 mm)	5.5" (139.7 mm)	11" (279.4 mm)	0.75 lb (0.34 kg)

Pin Punches



- Used for driving out and removing pins and keys
- Tough and resilient shaft made from quality tool steel
- Heat treated for durability and strength
- Soft head for safety; will mushroom, not chip
- Knurled handle for gripping easily

4PPLSET8

Cat. No.	Set Contains		Weight
4PPLSET8			1.5 lb (0.7 kg)

Cat. No.	Point Diameter	Overall Length
4PPL02.5	3/32" (2.4 mm)	2.156" (54.8 mm)
4PPL03	7/64" (2.8 mm)	2.156" (54.8 mm)
4PPL04	5/32" (4.0 mm)	2.359" (59.9 mm)
4PPL05	3/16" (4.8 mm)	2.547" (64.7 mm)
4PPL06	15/64" (6.0 mm)	2.547" (64.7 mm)
4PPL06.5	1/4" (6.4 mm)	2.547" (64.7 mm)
4PPL08	5/16" (7.9 mm)	2.75" (69.9 mm)
4PPL10	25/64" (9.9 mm)	2.75" (69.9 mm)

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
66320	1/16" (1.59 mm)	4.25" (108 mm)	0.80 oz (22.7 g)
66321	3/32" (2.4 mm)	4.75" (120.7 mm)	0.10 lb (0.05 kg)
66322	1/8" (3.18 mm)	5" (127.0 mm)	0.10 lb (0.05 kg)
66323	5/32" (3.97 mm)	5.25" (133.4 mm)	0.10 lb (0.05 kg)
66324	3/16" (4.76 mm)	5.5" (139.7 mm)	0.10 lb (0.05 kg)
66325	1/4" (6.4 mm)	7" (177.8 mm)	0.20 lb (0.09 kg)



Steel & Concrete Construction Tools

WORK@HEIGHT

Klein has combined unique design features with skillful engineering and manufacturing to create a superior line of steel construction tools. These tools are exceptionally rugged, with a long usage life.

For Professionals...
Since 1857™

Construction Tools

Tie-Wire Reel

- Klein's redesigned tie-wire reel allows loading pre-coiled tie wire onto the reel without having to remove the cover
- Rugged, lightweight reel is smooth aluminum alloy with wear parts made of steel
- Designed for left or right hand use
- Large, comfortable rewind knob



27400

Cat. No.	Overall Width	Dimensions	Weight
27400	2.781" (70.6 mm)	6-1/4" (158.8 mm) Diameter x 2-25/32" (70.6 mm) Width	2.4 lb (1.1 kg)

Tie-Wire Reel Pad

- Worn on the belt under the Klein® tie-wire reel (Cat. No. 27400)
- Made of 3/16" (5 mm) thick rigging leather
- Underside has a sponge-rubber pad to minimize hip fatigue



27450

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
27450	Slotted	Up to 2" (50.8 mm)	7" (177.8 mm)	7" (177.8 mm)	0.75" (19.1 mm)	0.30 lb (0.14 kg)

Tie-wire reel and ironworker's heavy-duty tie-wire belts also available.

Iron Worker's Heavy Duty Tie-Wire Belt

- 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



5420L

Cat. No.	Overall Width	Waist Size	Weight
5420S	2" (50.8 mm)	32" to 40" (81.3 to 101.6 cm)	0.85 lb (0.39 kg)
5420	2" (50.8 mm)	36" to 44" (91.4 to 111.8 cm)	0.95 lb (0.43 kg)
5420L	2" (50.8 mm)	40" to 48" (101.6 to 121.9 cm)	1.1 lb (0.5 kg)
5420XL	2" (50.8 mm)	44" to 52" (111.8 to 132.1 cm)	1.2 lb (0.5 kg)

Rebar Hickeys

- Lightweight rebar hickey has exceptionally durable steel-alloy head and extra-strong handle to withstand extrememe conditions



64310

Cat. No.	Hickey Size	Bends	Bend Angle	Handle Length	Weight
64309	1a	Rebar Sizes No. 3 - 0.375" (9.525 mm) Dia. and No. 4 - 0.500" (12.700 mm) Dia.	Double 65° and 90°	24" (609.6 mm)	3.5 lb (1.6 kg)
64310	2	Rebar Sizes No. 5 - 0.625" (15.875 mm) Dia.	Single 65°	40" (101.6 cm)	7.5 lb (3.4 kg)
64311	3	Rebar Sizes No. 6 - 0.750" (19.050 mm) Dia.	Single 65°	40" (101.6 cm)	8.0 lb (3.6 kg)
64312	4	Rebar Sizes No. 7 - 0.875" (22.225 mm) Dia., No. 8 - 1.000" (25.400 mm) Dia., and No. 9 - 1.128" (28.651 mm) Dia.	Single 65°	60" (152.4 cm)	16.4 lb (7.4 kg)

⚠**WARNING:** Always wear approved personal protective equipment.

Construction Tools

Grizzly™ Bar



64306

- A heavy, strong, multi-purpose tool that saves time and effort on the job
- The 3" (76.2 mm) width protects concrete when stripping forms
- Efficient blade angle and 55-1/2" (1409.7 mm) total length provid ehigh leverage as a crow bar, as well as a nail and spike puller
- Blade is forged and hardened alloy with keyhole nail-pulling slot in center and "V" notch in tapered edge
- Can be used to help align walls during tilt-up construction, to roll and align large pipe, to remove shingles and flooring, and for many other stripping and prying tasks

Cat. No.	Overall Length	Body Diameter	End	Weight
64306	55-1/2" (1410 mm)	1-1/2" (38.1 mm)	60°	12.0 lb (5.4 kg)

⚠**WARNING:** Always wear approved personal protective equipment.

Fox Wedges



7FWSS10025

- 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

Cat. No.	Overall Length	Overall Width	Material	Thickness	Weight
5FW07538	3" (76.2 mm)	1.5" (38.1 mm)	Stainless Steel	1/2" (12.7 mm)	0.35 lb (0.16 kg)
5FW10025	4" (101.6 mm)	1" (25.4 mm)	Stainless Steel	5/16" (7.9 mm)	0.22 lb (0.10 kg)
5FW17550	7" (177.8 mm)	2" (50.8 mm)	Stainless Steel	1/2" (12.7 mm)	1.0 lb (0.5 kg)
7FW27050	11" (279.4 mm)	2" (50.8 mm)	Stainless Steel	1" (25.4 mm)	4.0 lb (1.8 kg)
7FWSS10025	4" (101.6 mm)	1" (25.4 mm)	Stainless Steel	5/16" (7.9 mm)	0.22 lb (0.10 kg)

Star Dropper Hammer



5SDSH

- Used for driving in star (fencing) droppers
- Also used to drive in marker pegs, stakes and concreting stakes
- Heavy unit drives droppers very quickly and efficiently
- Solid steel handles and slug are welded together, which gives greater strength

Cat. No.	Overall Length	Diameter	Weight
5SDSH	33.859" (860 mm)	2-1/8" (54.0 mm)	19.1 lb (8.7 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** Always wear approved personal protective equipment.

Connecting Bars

Hex and Round Bars

- Provides extra leverage when positioning steel members and aligning bolt holes
- Forged fit-up bar is pointed on one end
- Chisel-end is at a 15° angle to give greater leverage
- Cat. No. 3246TT features tether hole for working at height



3242



3245



3246TT

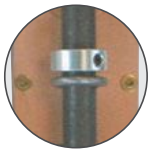
WORK@HEIGHT

Hex Bars				
Cat. No.	Overall Length	Body Diameter	End	Weight
3242	30" (762.0 mm)	3/4" (19.1 mm)	15°	3.5 lb (1.6 kg)
3243	36" (914.4 mm)	7/8" (22.2 mm)	15°	6.0 lb (2.7 kg)
3244	24" (609.6 mm)	3/4" (19.1 mm)	15°	2.5 lb (1.1 kg)
3240	30" (762.0 mm)	3/4" (19.1 mm)	Straight	3.8 lb (1.7 kg)

Round Bars				
Cat. No.	Overall Length	Body Diameter	End	Weight
3245	30" (762.0 mm)	3/4" (19.1 mm)	15°	3.3 lb (1.5 kg)
3246	36" (914.4 mm)	7/8" (22.2 mm)	15°	5.5 lb (2.5 kg)
3246TT	36" (914.4 mm)	7/8" (22.2 mm)	15°	5.3 lb (2.4 kg)
3247	24" (609.6 mm)	3/4" (19.1 mm)	15°	2.5 lb (1.1 kg)
3248	30" (762.0 mm)	7/8" (22.2 mm)	15°	4.3 lb (2.0 kg)
3241	30" (762.0 mm)	3/4" (19.1 mm)	Straight	3.2 lb (1.5 kg)

Connecting Bar Holder with Lock Collar

- Fits Klein® 7/8" (22 mm) connecting bars (Cat. Nos. 3246 and 3248)
- Leather construction
- Tunnel loop allows for weight distribution on belt
- Fits belts up to 3-1/2" (89 mm) wide
- Replacement lock collar (Cat. No. 5459C) available





5459C



5459SLVR

Cat. No.	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
5459SLVR	Tunnel	Up to 3.5" (88.9 mm)	3" (76.2 mm)	2" (50.8 mm)	6.75" (171.5 mm)	0.40 lb (0.18 kg)

⚠**WARNING:** Lock collar should ONLY be used on Klein 7/8" connecting bars
Lock collar must be installed on connecting bar before using holder.

Barrel-Type Drift Pins

- Machined from quality alloy steel
- Tapers are uniform and blend into body diameter
- Tough, drop-forged steel will properly end-pein in use
- Heat-treated for strength
- Black finish for rust resistance



3261

Cat. No.	Overall Length	Diameter	Point Diameter	Weight
3260	7.5" (190.5 mm)	11/16" (17.5 mm)	0.313" (7.9 mm)	0.60 lb (0.27 kg)
3261	8" (203.2 mm)	13/16" (20.6 mm)	7/16" (11.1 mm)	0.85 lb (0.39 kg)
3262	8" (203.2 mm)	15/16" (23.8 mm)	0.500" (12.70 mm)	1.1 lb (0.5 kg)
3263	8" (203.2 mm)	1-1/16" (27.0 mm)	9/16" (14.3 mm)	1.5 lb (0.7 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** Always wear approved personal protective equipment.

Tool Tethers

Why is it important?

In 2016, the Bureau of Labor Statistics reported there were 255 fatalities and 47,920 reported injuries from dropped objects in the United States, making it the third leading cause of injuries on the jobsite, according to OSHA. Compared to 2015, deaths from dropped objects were up approximately 3.24%, and injuries increased by 6.85%.

Klein Tools' growing line of tethers and tools for Work@Height are designed to protect workers on the jobsite as well as their tools.





Tool Tether

- Keep your tools close at hand when working at height
- Triple-locking carabiner for additional security

Cat. No.	Load Rating	Relaxed Length	Stretched Length	Weight
TT2	15.0 lb (6.8 kg)	32" (81.3 cm)	51" (129.5 cm)	0.10 lb (0.05 kg)


TT2

⚠ WARNINGS:
- Inspect for wear before each use.
- Do not use for human support.
- Never connect over 5 lbs. (2.3 kg) to a person.
- Do not use around moving or rotating equipment.

⚠ WARNINGS:
- Tethers extend to anywhere from 3.5' to 5' (1.3 m to 1.5 m). Rig to avoid contact with objects below.
- Always ensure cinch remains snug while in use.
- Always attach carabiner end to anchor point.
- Do not attach tether back onto itself.
- Do not tie knots in tether.

Bull Pins

Broad Head Bull Pins


3255TT


3255

- Forged, heat-treated bull pin increases efficiency by providing a larger striking surface
- Angled head and smooth blending of radii increase strength and reduce the danger of chipping
- Below the head, squared-off shoulders have been forged to provide a surface for applying wrench to loosen wedged bull pins
- Added resistance to "mushrooming" permits much longer use than conventional designs and the even taper reduces binding and hang-up
- Cat. Nos. 3256TT and 3255TT feature tether hole for working at height

Cat. No.	Overall Length	Diameter	Point Diameter	Weight
3255	13.75" (349.3 mm)	1-1/4" (31.8 mm)	0.313" (7.9 mm)	2.9 lb (1.3 kg)
3256	10" (254.0 mm)	1-1/16" (27.0 mm)	1/4" (6.4 mm)	1.6 lb (0.7 kg)
Broad Head Bull Pins with tether hole for working at height				
3255TT	13.75" (349.3 mm)	1-1/4" (31.8 mm)	0.313" (7.9 mm)	2.8 lb (1.3 kg)
3256TT	10" (254.0 mm)	1-1/16" (27.0 mm)	1/4" (6.4 mm)	1.5 lb (0.7 kg)

OSHA 1926.301 (c) specifically states: "Impact tools, such as drift pins, wedges and chisels, shall be kept free of mushroomed heads."

Standard Bull Pins


3259TTS


3252

- Machined from quality alloy steel
- Heat-treated for strength, black finish for rust resistance (except Cat. No. 3259TTS)
- Cat. No. 3259TTS has stainless steel finish

Cat. No.	Overall Length	Diameter	Point Diameter	Weight
3251	15" (381.0 mm)	1-1/16" (27.0 mm)	0.375" (9.5 mm)	2.5 lb (1.1 kg)
3252	15" (381.0 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	3.1 lb (1.4 kg)
3257	12" (304.8 mm)	1-1/16" (27.0 mm)	0.375" (9.5 mm)	1.7 lb (0.8 kg)
3258	12" (304.8 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	2.1 lb (1.0 kg)
3259	12" (304.8 mm)	1-5/16" (33.3 mm)	7/16" (11.1 mm)	2.5 lb (1.1 kg)
3265	12" (304.8 mm)	1-1/4" (31.8 mm)	7/16" (11.1 mm)	2.5 lb (1.1 kg)
Standard Bull Pins with tether hole for working at height				
3259TT	12" (304.8 mm)	1-5/16" (33.3 mm)	7/16" (11.1 mm)	2.2 lb (1.0 kg)
3259TTS	12" (304.8 mm)	1-5/16" (33.3 mm)	7/16" (11.1 mm)	2.5 lb (1.1 kg)

OSHA 1926.301 (c) specifically states: "Impact tools, such as drift pins, wedges and chisels, shall be kept free of mushroomed heads."

See page 297 for additional information on warnings.

⚠**WARNING:** Always wear approved personal protective equipment.

Construction Wrenches

Adjustable-Head Construction Wrenches

- Eliminates the need for carrying several fixed-size wrenches
- Forged fron 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
- Precision-machines jaws are individually chosen and assembled by hand for smooth operation
- Heat-treated for long life



3239

Cat. No.	Overall Length	Handle Color	Handle Finish	Jaw Capacity	Weight
3239	16" (406.4 mm)	Black	Black Oxide	1-1/2" (38.1 mm)	2.4 lb (1.1 kg)
3227	11" (279.4 mm)	Black	Black Oxide	1-5/16" (33.3 mm)	1.2 lb (0.5 kg)

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	Size	Weight
3238	15" (381.0 mm)	1/2"	2.1 lb (1.0 kg)

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads
- Extra-heavy-duty head area gives maximum strength and durability
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt-hole sizes without binding
- Extra-large hub area works on larger diameter holes better than other wrenches
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification
- American Bridge design
- Cat. Nos. 3212TT, 3213TT, and 3214TT feature tether hole for working at height


3231



3214TT

Cat. No.	Overall Length	Nut Type	Bolt Size	Nominal Opening	Head Width	Taper Diameter	Weight
3210	14.75" (374.7 mm)	U.S. Heavy	1/2" (12.7 mm)	7/8" (22.2 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.4 lb (0.6 kg)
3211	14.75" (374.7 mm)	U.S. Heavy	5/8" (15.9 mm)	1-1/16" (27.0 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.3 lb (0.6 kg)
3212	16.625" (422.3 mm)	U.S. Heavy	3/4" (19.1 mm)	1-1/4" (31.8 mm)	2.5" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	2.0 lb (0.9 kg)
3213	17.375" (441.3 mm)	U.S. Heavy	7/8" (22.2 mm)	1-7/16" (36.5 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	2.7 lb (1.2 kg)
3214	18" (457.2 mm)	U.S. Heavy	1" (25.4 mm)	1-5/8" (41.3 mm)	3.625" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	3.4 lb (1.5 kg)
3219	14.75" (374.7 mm)	U.S. Regular	1/2" (12.7 mm)	3/4" (19.1 mm)	2.25" (57.2 mm)	7/8" x 1/2" (22.2 to 12.7 mm)	1.4 lb (0.6 kg)
3220	14.75" (374.7 mm)	U.S. Regular	1/2" (12.7 mm)	13/16" (20.6 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.4 lb (0.6 kg)
3221	14.75" (374.7 mm)	U.S. Regular	5/8" (15.9 mm)	1" (25.4 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.3 lb (0.6 kg)
3222	16.625" (422.3 mm)	U.S. Regular	3/4" (19.1 mm)	1-1/8" (28.6 mm)	2.5" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	2.0 lb (0.9 kg)
3223	17.375" (441.3 mm)	U.S. Regular	7/8" (22.2 mm)	1-5/16" (33.3 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	2.9 lb (1.3 kg)
3224	18" (457.2 mm)	U.S. Regular	1" (25.4 mm)	1-1/2" (38.1 mm)	3.625" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	3.4 lb (1.5 kg)
3231	14.75" (374.7 mm)	Utility	5/8" (15.9 mm)	15/16" (23.8 mm)	2.25" (57.2 mm)	7/8" to 3/16" (22.2 to 4.8 mm)	1.3 lb (0.6 kg)
3232	16.625" (422.3 mm)	Utility	3/4" (19.1 mm)	1-1/16" (27.0 mm)	2.5" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	2.0 lb (0.9 kg)
Erection wrenches with tether hole for working at height							
3212TT	16.625" (422.3 mm)	U.S. Heavy	3/4" (19.1 mm)	1-1/4" (31.8 mm)	2.5" (63.5 mm)	1" to 1/4" (25.4 to 6.4 mm)	2.0 lb (0.9 kg)
3213TT	17.375" (441.3 mm)	U.S. Heavy	7/8" (22.2 mm)	1-7/16" (36.5 mm)	3" (76.2 mm)	1-1/8" to 9/32" (28.6 to 7.1 mm)	2.7 lb (1.2 kg)
3214TT	18" (457.2 mm)	U.S. Heavy	1" (25.4 mm)	1-5/8" (41.3 mm)	3.625" (92.1 mm)	1-1/8" to 1/4" (28.6 to 6.4 mm)	3.4 lb (1.5 kg)

See page 297 for additional information on warnings.

⚠**WARNING:** Always wear approved personal protective equipment.

Warning Symbols


Safety alert symbol: Indicates a hazard.


Always ensure that you and the persons in the vicinity wear approved eye protection.


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

Never use on or near live electrical circuits.


Do NOT use to pry.


Do NOT use to chisel.


Do NOT extend handle length.


Do NOT use to push or hammer.


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.


Strong magnetic field.


Wear approved hand protection.


Use a safe work position to avoid loss of balance.

WARNING: Cancer and reproductive harm – See www.P65Warnings.ca.gov for more information.

Test and Measurement

⚠WARNINGS:

- To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.
- Before each use, verify meter operation by measuring a known voltage or current.
- Never use a meter on a circuit with voltages that exceed the category based rating of the meter.
- Do not use the meter during electrical storms or in wet weather.
- Do not use the meter or test leads if they appear to be damaged.
- Ensure meter leads are fully seated, and keep fingers away from the metal probe contacts when making measurements.
- Never assume neutral or ground wires are de-energized. Neutrals in multi-wire branch circuits may be energized when disconnected and must be retested before handling.
- Do not open the meter to replace batteries while the probes are connected.
- Use caution when working with voltages above 60V DC, or 25V AC RMS. Such voltages pose a shock hazard.
- To avoid false readings that can lead to electrical shock, replace batteries if a low battery indicator appears.
- Unless measuring voltage or current, shut off and lock out power before measuring resistance or capacitance.
- Always adhere to local and national safety codes. Use individual protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.

Non-Contact Voltage Tester (Additional Warnings)

⚠WARNINGS:

- Use caution with voltages above 30V AC as a shock hazard may exist.
- A single blinking LED or a steady glowing LED and an audible beep indicate voltage present. If no indication, voltage could still be present.
- Before and after each use, verify operation by testing a known working circuit that is within the rating of this unit.
- The tester **WILL NOT** detect voltage if:
  - The wire is shielded.
  - The operator is not grounded or is otherwise isolated from an effective earth ground.
  - The voltage is DC.
- The tester **MAY NOT** detect voltage if:
  - The user is not holding the tester.
  - The user is insulated from the tester with a glove or other materials.
  - The wire is partially buried or in a grounded metal conduit.
  - The tester is at a distance from the voltage source.
  - The field created by the voltage source is being blocked, dampened, or otherwise interfered with.
  - The frequency of the voltage is not a perfect sine wave between 50 and 500Hz.
  - The tester is outside of operation conditions (listed in Specifications section).
- Operation may be affected by differences in socket design and insulation thickness and type.
- In bright light conditions, the LED visual indicators will be less visible.
- Do not use if power on LED is not illuminated.
- Do not use if tester appears damaged or is not operating properly. If in doubt, replace the tester.
- Do not apply more than the rated voltage as marked on the tester (1000V).
- Detection above 12V is specified under normal conditions as specified below. The tester may detect at a different threshold at different conditions, or may not detect at all unless:
  - The tip of the tester is within 0.25 of an AC voltage source radiating unimpeded.
  - The user is holding the body of the tester with his or her bare hand.
  - The user is standing on or connected to earth ground.
  - The air humidity is nominal (50% relative humidity – non-condensing).
  - The tester is held still.
- Always wear approved eye protection.
- Comply with local and national safety requirements.
- If this product is used in a manner not specified by the manufacturer, protection provided by the product may be affected.
- Do not attempt to repair this tester. It contains no serviceable parts.
- Do not expose the product to extremes in temperature or high humidity.

Insulated Tools

1000 V

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

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

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

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

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

Infrared Thermometer

⚠CAUTION: Reflective materials may be hotter than indicated. Laser radiation-do NOT stare into beam. Class 2 laser product.

Wire Pulling Grips

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

⚠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.

Important information for everyone who uses hand tools...fully illustrated pages of basic facts and practical how-to tips.



Prepared by KLEIN TOOLS in conjunction with the Hand Tools Institute. Available from your Klein distributor (Cat. No. 98016).

See www.kleintools.com/warranty for more information.

Warranty Returns

All warranty returns must include a Warranty Return Authorization (WRA) number. The WRA for the U.S. can be obtained by calling Customer Service at 1-800-553-4676. (International call 1-847-821-5500) or email serviceonline@kleintools.com.

Specifications of all products in this catalog are subject to change without notice.

Dimensions shown for all forged products in this catalog are as precisely accurate as possible, but subject to very slight variations that are unavoidable in forging and grinding operations. Dimensions of Klein forged tools and all other tools and equipment are always within commercial tolerances recognized for such products.

Item — Page

A

Aerial Aprons ... 254
Aerial Buckets ... 252
  Hooks ... 254
Aviation Snips ... 217

B

Backpacks ... 151-153
Bags
  Canvas ... 157-158
  Fish Rod ... 108
  Lineman ... 250-253
  Tool ... 151-164
  Vinyl ... 159
  Zipper ... 151-155, 161-163
Bars
  Connecting ... 294
  Grizzly™ ... 293
Battery-Operated Tools ... 281
  Combination Cutter/Crimpers ... 283-284
  Crimpers ... 283-284
  Gear-Driven Cable Cutters ... 282
  Impact Wrench ... 282
Belt
  Tie-Wire ... 292
Belts ... 147-149, 292
Bent Trimmers ... 248
Blocks ... 257-259
Bolt Bags ... 136
Bolt Cutters ... 36
Borescopes ... 208-209
  Accessories ... 209
Brass Punches ... 290
Buckets
  Canvas ... 251
  Load Rated ... 250
  Oval ... 252
  Tapered-Wall ... 251
  Vinyl Top ... 251
Bull-Pin Bags ... 136
Bull Pins ... 295
BX/Armored Cable Cutter ... 112

C

Cable Benders ... 35
Cable Connection ... 174-178
Cable Cutters ... 31-35, 283-284
  7-Ton ... 283-284
  BX Cable ... 32
  Coaxial ... 31
  Gear-Driven ... 282
  Heavy-Duty ... 32
  High-Leverage ... 31
  Journeyman Handles ... 31
  Multi-Cable ... 32
  Ratcheting ... 34
  Ratcheting, Heavy-Duty ... 35
  Rope ... 33
  Utility Cable ... 33
Cable Cutting Knives ... 243-245
Cable Preperation ... 173
Cable Ripper ... 27
Cable-Sheath Splitting Knives ... 244
Cable Skinning Knvies ... 243-244
Cable-Splicing Knives ... 245
Cable Strippers ... 24, 173
Cable Testing ... 183-188
  Accessories ... 188
Canvas Bags ... 157-158
Canvas Buckets ... 251
Can Wrench ... 85, 178
Carbide Hole Cutters ... 226
Carbon Monoxide Meter ... 205
Carrying Cases ... 144, 209-210
Caution Tape ... 120
Chicago Grips ... 270-274
Chisels ... 289
Circuit Breaker Finder ... 203
  Accessory Kit ... 203
Clamp Meters ... 194-196
  Accessories ... 199-200
  Kit ... 198
  Line Splitter ... 200
Coax Explorer Testers ... 183
Coaxial Connectors ... 175
Coaxial Testing ... 183-188
Coaxial Tools ... 173-175
  Installation Kits ... 180-181
Combustible Gas Leak Detector ... 205
Compass Saw ... 234
  Blades ... 234
Compression Crimpers ... 174
Conduit Benders ... 111-112
  Aluminum ... 111
  Handles ... 112
  Iron ... 112
Conduit Reamers ... 71, 114
Conduit Tools ... 111-114
  Benders ... 111-112
  BX/Armored Cable Cutter ... 112
  Conduit Locknut Wrench ... 113
  Pliers, Locknut/Reaming ... 114
  Reamer ... 114
  Scoring Tool ... 113
  Screwdriver, Fitting/Reaming ... 114
Connectors
  Coaxial ... 175
  IDC ... 177
  Pass-Thru™ ... 178
  Twisted Pair ... 178
Construction Tools ... 292-293
  Drift Pins ... 294
  Fox Wedges ... 293
  Grizzly Bar ... 293
  Hex and Round Bars ... 294
  Rebar Hickeys ... 292
  Tie-Wire Reel ... 292
  Wrenches ... 296
Continuity Tester ... 183, 200
Coolers ... 127-128
Crimper, Compression ... 174
Crimper, Ratcheting ... 175, 176-177
Crimper, Sheet Metal ... 218
Crimping Tools ... 25, 28-29, 174-177
  7-Ton ... 283-284
  12-Ton ... 283
  Coaxial ... 174-175
  Compound-Action ... 29
  Multi-Purpose ... 25, 28
  Pliers ... 9, 11, 16, 19, 177
  Ratcheting ... 29
  Twisted Pair ... 176-177
Cushion-Grip Nut Drivers ... 65-67
Cushion-Grip Screwdrivers ... 50-59

D

Diagonal-Cutting Pliers ... 12-15
Distance Measuring ... 101
Drift Pins ... 294
Drift Punches ... 290
Drywall Saws ... 235
Drill Bits ... 230-231
  Sets ... 230-231
Drill/Tap/Deburr Set ... 73
Duct Cutter ... 219
Duct Knife ... 245
Duct Knife, Serrated ... 220
Duct Stretcher ... 220
Duct Tools ... 219-220
  Hole Cutter ... 220

Item	Page
E	
EINS	38-41
Electrical Testers	200-203
Borescopes	208-209
Carbon Monoxide	205
Circuit Breaker Finder	203
Combustible Gas	205
High Voltage	211
Light	204
Non-Contact Voltage	202
Receptacle	203
Thermometers	206-207
USB Meters	204
Voltage Testing	200-202
Electrician's Scissors	246-247
Electrode Bags	135, 253
End-Cutting Pliers	20
Eyewear	117
F	
Fish Rods	107-108
Accessories	108
Fish Tapes	104-106
Eyelets	106
Fiberglass	104-105
Leaders	106
Multi-Groove	104
Pliers	9, 113
Repair Kit	106
Steel	105
Flashlights	213-215
Flexible Bits	228
Augers	228
Extensions	228
Kit	228
Placement Tool	229
Folding Rulers	102
Folding Tools	219
Fox Wedges	293
G	
Gas Leak Detector	205
Gear-Driven Cable Cutters	282
Glove Bags	164
Gloves	121-125
Camouflage	122
Cold Weather	122
Cowhide	124
Jersey	125
Leather	121, 123
Lineman	125
Long-Cuff	124
Rubber Grip	123
Touchscreen	121
Utility	121-122
Wire Pulling	121
Glow Rods	107-108
Accessories	108
Grips	260-276
Care and Maintenance	261
Chicago	270-274
Cleaning Brush Set	276
Parallel Jaw	275-276
Steel Strand (Havens)	274
Wire Mesh	277-280
Grizzly Bar	293
H	
Hacksaws	233
Blades	233
Storage	156
Hammers	286-288
Ball-Peen	287
Claw	286
Dead Blow	288
Double-Face	286
Hand-Drilling	287
Non-Sparking	288
Riveting	287
Setting	287
Sledge	288
Star Drop	293
Hand Cleaning	120
Hard Hats	118
Accessories	119
Havens Grips	274
Headlamps	214
Hex Bars	294
Hex-Key Wrenches	89-96
Folding	94
L-Style	95-96
Metric	92-93
Sets	90-94, 96
T-Handle	90-93
TORX	93, 94
High Voltage Testers	211
Hoists	257
Hole Cutter, Duct	220
Hole Cutters	226-227
Carbide-Tipped	226
Kit	226-227
Hole Saws	225-226
Adjustable	225
Arbors	225
Bi-Metal	225
Kits	226
Hooks	254, 256
Howe Wire Tool	257
HVAC Tools	216-223
I	
IDC	177
IDC Crimping Pliers	19
Illumination	212-215
Impact Sockets	86
Impact Wrench	282
Infrared Thermometers	206
INS	38-41
Insulated	
Cable Cutter	41
Combination	40
Crimping	41
Diagonal-Cutting	39
Klein-Kurve Wire Strippers	41
Long-Nose	40
Nut Drivers	44
Pliers	39-40
Pump	40
Screwdrivers	42-43
Side-Cutting	39
Skinning Knife	41
Tool Kits	45-47
Tool Sets	43-44
Wire Strippers	41
Insulated Tools	37-47
Ironworker's Pliers	10, 13
J	
Jab Saws	235
Jobsite Accessories	127-129
Jobsite Speaker	128
Journeyman Handles	
Cable Cutters	31
K	
Klein-Kurve	
Cable Cutter	32
Crimpers	25

Item	Page
Wire Strippers	24-25
Knee Pads	118
Knife Sharpening	246
Knives	237-246
Cable-Sheath Splitting	244
Cable Skinning	243-244
Cable-Splicing	245
Multi-Tools	241
Pocket	237-240
Pocket, Multi-Blade	240
Serrated Duct Knife	245
Sharpening Tools	246
Utility	241-243
Utility, Blades	243
Knockout Punches	227
L	
LAN Scout Jr Tester	183
Laser Measuring	101
Leather Tool Pouches	131-134, 137-140
Levels	98-100
Accu-Bend	99
Conduit Bending	99
Laser	98
Torpedo	99
Light Meter	204
Line-Hose Bag	253
Lineman	
Aerial Aprons	254
Bags	159-160
Buckets, Canvas	251
Buckets, Load Rated	250-252
Buckets, Oval	252
Buckets, Tapered-Wall	251
Cable Skinning Knives	243-245
Electrode Bags	253
Gloves	125
Hammers	286
Line-Hose Bag	253
Wrenches	85-86
Lineman's Pliers	8-10
Line Splitter	200
Load Rated Buckets	250
Lockouts	120
Long-Nose Pliers	16-20
M	
Magnetic Wristband	129
Magnetizer / Demagnetizer	129
Measuring	100-102
Folding Rulers	102
Laser	101
Tapes	100-102
Meter Accessories	199
Mobile Phone Holders	129, 144
Modular Crimpers	176-177
Multi-Bit Screwdrivers/Nut Drivers	55-60
Multifunction Pliers	11
Multimeters	197-198
Accessories	199-200
Fuses	198
Kit	198
Multi-Nut Drivers	67
Multi-Tools	241
N	
Non-Contact Voltage Testers (NCVT)	202
Notcher	218
Nut Drivers	64-69
Coated	67
Cushion-Grip	65-67
Full-Hollow Shaft	64
Hollow-Shaft	65-69
Insulated	44
Magnetic	65, 69
Metric	66, 69
Multi-Nut	67
Plastic-Handle	68-69
O	
Oval Buckets	252
P	
Parallel Jaw Grips	275-276
Pass-Thru™ Connectors	178
Pass-Thru™ Crimpers	176
Penlight	213
Phone Holder	129, 144
Pin Punches	290
Pipe & Tubing Tools	220-221
Swaging Punch	221
Tube Bender	221
Tube Cutters	220
Plastic-Cutting Pliers	15
Pliers	5-22
Combination	11
Conduit	20, 114
Diagonal-Cutting	12-15
Electronics	14-15, 18
End-Cutting	20
Handles	22
Ironworker's	10, 13
Lineman's	8
Long-Nose	16-20
Multifunction	11
Plastic-Cutting	15
Pump	21
Side-Cutting	8-11
Slip-Joint	22
Specialty	20
Telecom	19-20
Pocket Knives	237-240
Multi-Blade	240
Multi-Tools	241
Pole Pick	254
Pole Sling	254
Power Driver Bits	72-73, 223
PowerLine Series	145-147
Combo Sets	147
Suspenders	146
Tool Belts	147
Tool Holders	146
Tool Pouches	145-146
Power Tools	281
Crimpers	283
Gear-Driven Cable Cutters	282
Impact Wrench	282
Personal Protection Equipment (PPE)	116-125
Caution Tape	120
Eyewear	117
Gloves	121-125
Hard Hats	118
Knee Pads	118
Lockouts	120
Shoe Covers	118
Probe Plus	189
Probe Thermometers	206
Pump Pliers	21
Punchdown Tools	190-192
Accessories	192
Punches	289-290
Brass	290
Center	290
Drift	290
Pin	290
Wire Rope	289
Punch, Sheet Metal	218
PVC Cutters	115

Item	Page
R	
Radial Strippers	173
Cartridges	173
Rebar Hickeys	292
Receptacle Testers	203
Reciprocating Saw Blades	234
Refrigeration Wrenches	84, 222
Remote Kits	188
Replacement Parts	
7-Ton Cable Cutter/Crimper	284
BX/Armored Cable Cutter	112
Cable Skinning Knives	243
Conduit Reamers	71, 114
Continutiy Tester	200
Fish Tapes	106
Gear-Driven Cable Cutters	282
Hole Cutter	220
Hole Saws	225
Multimeter Fuses	198
PVC Cutters	115
Scoring Tool	113
Screwdriver Bits	59, 60
Tapping Bits	70
Tin Snips	218
Wire Pulling Grip	272
Rope	256
Round Bars	294
S	
Safety Glasses	117
Saws and Saw Blades	233-235
Compass Saws	234
Hacksaw Blades	233
Hacksaws	233
Jab Saws	235
Reciprocating Saw Blades	234
Scissors	246-248
Bent Trimmers	248
Electrician	246
High-Leverage Snip	247
Snips	247-248
Scotchlok (IDC)	177
Scout Pro™ Cable Testers	186-187
Remotes	188
Scratch Awls	71
Screwdriver	
Conduit	114
Screwdrivers	50-63
Adjustable-Length	53
Coated	52
Color-Coded	50
Conduit	71
Cushion-Grip	50-58
Demolition	52
Electronics	52, 56
Extended-Reach	58
Folding	59, 223
HVAC	223
Impact-Driver	63
Insulated	42-43
Magnetizer/Demagnetizer	129
Miniature	50
Multi-Bit	55-60, 223
Multi-Bit Replacement Bits	60
Plastic-Handle	61-62
Rapi-Driv	52-53
Ratcheting	57
Screw-Holding	54, 62-63
Sets	53
Slide Drive	54, 56, 223
Stubby	58
Terminal Block	54
Torque	63
Wire Bending	55
Seamers	219
Sheet Metal Tools	217-219
Crimper	218
Folding	219
Notcher	218
Punch	218
Seamers	219
Snips	217
Tin Snips	218
Ship-Auger Bits	229
Shoe Covers	118
Shoulder Straps	164
Side-Cutting Pliers	8-10
Sledge Hammers	288
Slide Racks	165
Slip-Joint Pliers	22
Snap Loop	140
Snips	217, 247-248
Speaker	128
Star Dropper Hammer	293
Steel Strand Grips	274
Step Drill Bits	229
Suspenders	149
PowerLine Series	146
Tradesman Pro	143
Swaging Punch	221
T	
Tackle	253-259
Tape Measures	100-101
Fiberglass	102
Holders	101
Tape Thong	140
Tapered-Wall Buckets	251
Tapping Tools	70
Telecom Pliers	19-20
Testers	
VDV Cable	183-187
Electrical	194-203
High-Voltage	211
Test Leads	199
Test-n-Map Remotes	188
Tether	295
Thermocouples	199
Thermometers	206-207
Infrared	206-207
Pocket	206
Probe	206
Tie Tensioning Tools	221
Tie-Wire Reel	292
Tin Snips	218
Tire Levers	289
Tone Generator	189
Tone & Probe	189-190
Tool Apron	137
Tradesman Pro	141-142
Tool Bag	
Shoulder Straps	164
Tool Bags	153-155, 157-161
Ballistic Nylon	157
Bucket Bag	156
Canvas	157-158
Drawstring	160
Leather	161
Tradesman Pro	151-156
Vinyl	159-160
Tool Belt Pads	149
Tool Belts	148-149
Belt Pads	149
PowerLine Series	147
Tradesman Pro	143
Tool Boxes	165-166
Tool Guards	140
Axe	140
Splitting-Knife	140
Tool Holders	138-140
Bull-Pins	139
Connecting Bar	140

Item	Page
Electrical Tape	140
Erection Wrenches	139
Flashlight	138, 146
Folding Rulers	138
Hacksaw	156
Hammers	139, 146
Knives	138, 143, 146
Meters	143
Meters/Testers	144
Mobile Phone	129, 144
Pliers	138
PowerLine Series	146
Scissors	138
Screwdrivers	138
Snap Loop	140
Tape Measures	101, 139, 146
Tie-Wire Reel	140
Wrenches	138
Tool Kits	167-171
Block and Tackle	258-259
Cable-Splicing	245
Coaxial	180
Flexible Bits	228
Hole Cutter	226-227
Hole Saws	226
Insulated	45-47
Meters	198
Twisted Pair	181
Voice/Data/Video	179-182
Tool Pouches	131-136
Ballistic Nylon	133
Bolt Bags	136
Bull-Pin Bags	136
Canvas	132, 134-136
Flame-Resistant	135-136
Leather	131-134, 136
Mobile Phone	129
PowerLine Series	145-146
Tradesman Pro	141, 156
Tool Sets	
Drill Bits	230-231
Hex-Keys	90-94, 96
Insulated	43-44
Knockout Punch	227
Nut Drivers	64-66, 68-69
Screwdrivers	50-53, 59, 61-62
Socket Wrenches	81-82
Tool Belts	141, 147
Wrenches	77-79, 83-84
Tool Tether	295
Tool Totes	155, 160
Tracing Probe	189
Tradesman Pro	141-144, 151-156
Backpacks	151
Cases	144, 210
Coolers	127-128
Phone Holder	129, 144
Suspenders	143
Tool Apron	142
Tool Bags	153-155
Tool Belt	143
Tool Holder	143-144, 156
Tool Pouches	141-142, 156
Totes	155
Zipper Bags	161
Tube Bender	221
Tube Cutters	220-221
PVC	220
Steel and Copper	221
Twisted Pair Connectors	178
Twisted Pair Testing	183-188
Twisted Pair Tools	176-177
Installation Kits	181-182
U	
UG Connectors	177
UR Connectors	177
USB Meters	204
Utility Knives	241-243
Blades	243
UY Connectors	177
V	
VDV Commander	185
Remote Kit	188
VDV ProTech Kits	179
VDV Ranger	184
VDV Scout Pro™ Testers	186-187
Vinyl Bags	159-160
Voltage Testers	200-201
Non-Contact	202
W	
Wall Anchors	230
Wedges	293
Wire Identification	111
Wire Mesh Grips	280
Wire Pulling	103-111
Conduit Tools	112
Fish/Glow Rods	107-108
Fish Tapes	104
Lubricant	109-110
Magnetic	109
Poly Line	110
Telescopic Pole	109
Wax	110
Wire Pulling Grips	260-276
Care and Maintenance	261
Chicago	270-274
Cleaning Brush Set	276
Parallel Jaw	275-276
Steel Strand (Havens)	274
Wire Mesh	280
Wire Rope Punches	289
Wire Strippers	24-28
Adjustable	26-27
Dual-Wire	26
Forged, Heavy-Duty	24
Katapult	27
Klein-Kurve	25
Multi-Purpose	24-25, 28
Romex	25, 27
Self-Adjusting	27
with Crimping	25
Work at Height Tools	295-296
Worklights	213, 215
Wrenches	74-88, 222
Adjustable	75-76, 222
Can	85, 178
Combination	76-78
Conduit Locknut	85
Construction	87, 296
Erection	87, 296
Impact Sockets	86
Lineman's	85-86
Metric, Combination	78
Metric, Sockets	80
Open-End	79
Ratcheting Box	83-85
Refrigeration	84, 222
SAE	76-77, 79
Sets	77-79, 81-82, 83-84
Socket	80-82
Strap	88
Torque	88
Z	
Zipper Bags	161-163
Ballistic Nylon	161-163
Canvas	162-163
Leather	162-163
Tradesman Pro	161

Item	Page
1000	28
1001	28
1003	26
1004	26
1005	29, 169
1005-INS	41, 46
1006	29
1009	25
1010	28
1011	26
1011M	26
1016	241
1019	25
1104	32
11045	26, 169-171
11045-INS	41, 46-47
11046	26
11047	26
11048	26
11049	26
11049-INS	41
11053	25
11054	25
11054EINS	41
11054GLW	25
11055	25, 168, 170-171
11055-INS	41, 47
11057	25
11061	27
11063W	27
11073	27
11074	27
11081	27
11082	27
1200BI	233
1200BI-P	233
1200L	217-223
1201R	217-223
1202S	217-223
12098	11
12098EINS	40
12098-INS	40, 46
1218BI	233
1218BI-P	233
1224BI	233
1224BI-P	233
1232BI	233
1232BI-P	233
13104	60
13105	60
13231	60
13391	60
13392	60
1515-1	244
1515-S	244
1550-11	239
1550-2	240
1550-24	239
1550-4	239
1550-44	239
1550-6	240
1570-3	244
1570-3LR	244
1571INS	41, 45-46
1580-3	244
1604-10	274
1604-20	274
1604-20L	274
1611-20	273
1611-30	273
1611-40	273
1611-50	273
1613-30	273
1613-35	273
161335H	273
1613-40	272
1613-40H	272
1625-20	274
162520-1	274
162520-114	274
162520-7/8	274
1628-16	272
1628-16AT	274
162816PE	270
162816PF	270
162816PG	270
1628-16PG	264
162816PH	270
1628-16PH	264
162816PI	270
1628-16PI	264, 268
162816PJ	270
1628-16PJ	264, 268
1628-16PK	264, 268, 270
162816PL	270
1628-16PL	264, 268
162816PM	270
1628-16PM	264, 268
162816PN	270
1628-16PN	264, 268
1628-17	272
1628-18	272
162830N	271
1628-30N	264, 268
162830O	271
1628-30O	264-265, 268
162830P	271
1628-30P	265, 269
162830R	271
1628-30R	265, 269
162830S	271
1628-30S	265, 269
162830T	271
1628-30T	265, 269
162830U	271
1628-30U	265, 269
162830VRP	272
162840A	271
1628-40A	265, 269
162840U	271
1628-40U	265, 269
162840VRU	272
162840W	271
1628-40W	265, 269
162840X	271
1628-40X	265, 269
162840Y	271
1628-40Y	265, 269
162840Z	271
1628-40Z	265, 269
162850A	271
1628-50A	265-267, 269
162850B	271
1628-50B	265-267, 269
162850C	271
1628-50C	265, 266
162850D	271
1628-50D	265-267, 269
162850E	271
1628-50E	265-266, 269
162850F	271
1628-50F	265, 266
1628-50P	265-267, 269, 271
1628-50R	265-267, 269, 271
162850S	271
1628-50S	265-267, 269
162850T	271
1628-50T	265-267, 269
162850U	271
1628-50U	265-267, 269
162850W	271

Item	Page
1628-50W	265, 266, 267, 269
162850X	271
1628-50X	265, 266, 267, 269
162850Y	271
1628-50Y	265, 266, 267, 269
162850Z	271
1628-50Z	265, 266, 269
1656-20	264, 268, 270
1656-20H	264, 268, 270
1656-30	264, 268, 270
1656-30H	264, 268, 270
1656-40	264, 268, 270
1656-40H	264, 268, 270
1656-50	264, 270
1656-50H	264, 270
1656-60	264, 270
1656-60H	264, 270
1659-20	273
1659-30	273
1659-40	273
1659-50	273
1659-5AT	274
1671-10	272
1672-10	272
1675-20	276
1675-21	276
1684-5	272
1684-5AT	274
16845C	272
16845CAT	274
1684-5F	272
1684-5H	272
1684-74	272
1684-74H	272
1685-20	276
1685-31	276
1686-10	272
1686-20	272
1692-5	272
1692-5AT	274
1702-20HH	257
1702-20N	257
1716-60	275
1716-70	275
1716-71	275
1802-30	258
1802-30S	258
1802-30SR	258
1802-30SSR	258
1803-60	256
1804-60	256
19352	71, 114
19353	71, 114
19542	50
19543	50
19544	50
19545	50
19546	50
19555	50

2

Item	Page
200028EINS	39
200048EINS	39
20009NEEINS	39
2006	29
2012	254, 256
201-7CST	10
2036EINS	40
2037EINS	40
2038EINS	40
2100-5	246
2100-7	245, 246
2100-8	179, 182, 190, 246
2100-9	246
21010	245
21050	24
21051	24
2138NEEINS	39
213-9NE	8
2139NEEINS	39
213-9ST	10
22000	247
22001	247
22002	247
22003	247
23008	248
23010	248
23011	248
23015	248
24000	248
24001	248
25450	276
258	256
259	256
26001	247
267	257
268	257
27400	140, 292
27450	140, 292

3

Item	Page
3146	85
3146A	85
3146B	85
31716	234
31727	234
31728	234
31731	234
31734	234
31737	235
31739	234
31741	234
31751	234
31755	234
31761	234
31850	226
31852	226-227
31856	226-227
31860	226-227
31866	226-227
31868	226-227
31870	226-227
31872	226
31873	227
31874	226-227
31900	225
31902	226
31905	225-226
31906	225-226
31907	225-226
31914	225-226
31918	225-226
31922	225-226
31928	225-226
31932	225-226
31940	225-226
31944	225
31948	225
31958	225
31972	225
32008	52
3210	87, 296
3211	87, 296
3212	87, 296
3212TT	87, 296
3213	87, 296
3213TT	87, 296
3214	87, 296
3214TT	87, 296
3219	87, 296

Item	Page
3220	87, 296
3221	87, 296
32215	54
32216	54
32217	73
3222	87, 296
3223	87, 296
32234	72
32235	72
32237	73
32238	73
32239	73
3224	87, 296
32240	73
32241	73
32242	73
3227	87, 296
32290	55
32291	55
32292	55
3231	87, 296
3232	87, 296
32378	51
3238	87, 296
3239	87, 139, 296
32392	60
32394	60
32395	60
32396	60
32397	60
32398	60
32399	60
3240	294
32400	60
32401	60
3241	294
32410	60
32411	60
32412	60
3242	294
3243	294
3244	294
3245	294
3246	140, 294
3246TT	294
32476	58
3247	294
32477	58
32478	60
32479	60
3248	140, 294
32482	60
32483	60
32484	60
32485	60
32500	58
32505	55
3251	295
32510	59
32517	70
32518	70
3252	295
32525	59
32526	59
32527	56, 223
32528	60
32534	59, 223
32535	59
32536	59
32537	59
32538	59
32539	59
32540	60
32541	60
32542	60
32543	60
32544	60
32545	60
32546	60
32547	60
32548	60
32549	60
3255	295
3255TT	295
32550	60
32551	60
32552	60
32553	60
32554	60
32557	57
32558	57
32559	58
32560	58
32561	58
32562	58
3256	295
3256TT	295
3257	295
3258	295
32581	56
32585	56
3259	295
32593	57
32594	57
32596	56, 223
3259TT	295
3259TTS	295
3260	294
3261	294
32618	53
32619	53
3262	294
3263	294
3265	295
32708	53
32709	53
32713	53
32715	53
32751	53
32752	60
32759	72
32770	60
32771	60
32772	60
32773	60
32774	60
32775	60
32776	60
32777	60
32778	60
32779	60
32780	60
32781	60
32782	60
32783	60
32784	60
32800	67
32801	67
32807MAG	67
32905	226
33524	44
33525	45
33525SC	45
33526	47
33527	46
33528	43
33529	47
33532-INS	43
33534	44
33535	45
33535SC	45
33536	47
33537	46

Item	Page
33538	43
4	
40002	125
40003	124
40004	124
40006	124
40007	124
40008	124
40010	124
40012	124
40014	124
40015	124
40016	124
40017	124
40018	124
40021	124
40022	124
40023	124
40072	125
40074	125
40080	125
40082	125
40084	125
40086	125
40205	122
40206	122
40207	122
40208	122
40209	122
40210	122
40211	122
40212	122
40213	122
40214	123
40215	123
40216	123
40217	123
40218	123
40219	123
40220	123
40221	123
40222	123
40226	121
40227	121
40228	121
40229	121
40230	121
40231	121
40232	121
40233	121
40234	121
42200	137
42201	137
42241	133
42242	137
42244	137
42245	133, 137
42246	133, 137
42247	134
44000	238
44000-BLK	238
44001	238
44001-BLK	238
44002	238
44003	238
44004	238
44005	238
44005C	238
44005R	238
44005RC	238
44006	238
44007	238
44032	239
44033	239
44034	239
44036	240
44037	240
44052BLK	238
44100	169, 243
44101	243
44103	243
44130	242
44131	242
44133	168, 242
44135	241
44136	242
44138	243
44142	239
44151	246
44200	245
44201	237
44213	237
44216	241
44217	237
44218	243
44219	243
44220	237
44222	237
44223	237
443A	256
45200	120
45201	120
455	256
46037	168, 245
46039	245
470	256
48036	246
48502	256
4BP10	290
4BP16	290
4BP19	290
4BP25	290
4BPSET5	290
4PPL02.5	290
4PPL03	290
4PPL04	290
4PPL05	290
4PPL06	290
4PPL06.5	290
4PPL08	290
4PPL10	290
4PPLSET8	290
5	
500-18	75
500-24	75
50031	115
5003-18	158, 168
5003-20	158
50033	115
50034	115
50035	115
502-10-EINS	40
50350	106
50351	106
50400	35
50402	35
50506SEN	115
50549	115
506-10	169
506-15	75
507-10	75
507-12	75
507-6	75
507-8	75
5100M	138
5101	138
51010	110
51012	110
51013	110

Item	Page
51015	110
51017	110
51018	110
5102-12	157
5102-14	157
5102-14SP	157
5102-16	157, 169
5102-16SP	157
5102-18	157
5102-18SP	157
5102-20	157
5102-22	157
5102-24	157
5102-24SP	157
51028	109
5102S	157-158, 164
5103S	251
5104	250
5104CLR17	250
5104CLR22	250
5104CLRFR	250
5104FR	250
5104OCTO	250
5104S	250
5104VT	251
5105-20	158
5105-24	158
5106	251
5106P	251
5106S	251
5107-6	138
5107-9	138
5108-18	161
5108-20	161
5108-24	161
5109	250
5109CSV	250
5109P	250
5109PS	250
5109S	250
5109SLR	250
5109SV	250
51100	109
5110-48	253
5111	133
5112	138
5113	251
5113S	251
5115	161
5118C	138
5118P4	132
5118P5	132
5118PRS	138
5118R	138
5118RT	138
5118S	138
5119	132, 171
5121-15	164
5121-19	164
5122-16	164
5122-18	164
5124-15	164
5124-17	164
5124-19	164
5125	132
5125L	132
5126	132
5127	132
5127T	132
5129	138
5130	140
5136	162
5139	163, 168-169
5139B	163
5139C	163
5139L	163
5139PAD	163
5140	163
5140K	134
5141	163
5141P	135
5142	135
51425	120
51427	112
51428	112
51429	112
5142P	135
5143	253
5144	252
5144B	252
5144BHB	252
5144BHB14OS	252
5144BHHB	252
5144H	254
5144HBS	252
5144S	252
5145	132
5146	134
5151	160
5152S	252
5155	158
5156	158
5162T	131
5163	138
5164	131, 170
5164T	131
5165	131, 170
5166	131, 171
5167	131
5171PS	251
5172PS	251
5178	131
5179	135
5179S	135
5180	159
5181ORA	159
51828	254
51829	254
51829M	254
51829MHS	254
5182BLA	159
5183	142
5184	143, 210
5185	138
5185ORA	160
5187	138, 245
5187T	138
5188	138
5188T	138
5189	143, 210
5190	131
5194	139
5195	101, 137, 139
5195TT	101
5196	101, 139
51A	134
51TOP	251
5200-15	157
5201	148
5202L	148
5202M	148
5202XL	148
5204	148, 171
5216V	159
5225	137, 148, 170-171
5236	162
5240	142
5241	142
5242	141
5243	141
5244	142
5245	143
5246	143

Item	Page
5247	143
5248	143
5300	171
53000	230
53001	231
53002	231
53100	230-231
53101	230-231
53102	230-231
53103	230-231
53104	230-231
53105	230-231
53106	230-231
53107	230-231
53108	230-231
53109	230-231
53110	230-231
53111	230-231
53112	230-231
53113	230
53114	230-231
53116	230-231
53117	230
53118	230-231
53119	230
53120	230-231
53121	230
53122	230-231
53123	230
53124	230-231
53125	230
53126	230-231
53127	230
53128	230-231
5336	162
53402	229
53404	229
53406	229
53408	229
53437	229
53439	229
53441	229
53443	229
53715SEN	229
53716	228
53717	228
53718	228
53719	228
53720	228
53721	228
53722	228
53723	228
53725	112
53726-SEN	112
53727SEN	227
53728SEN	227
53729	230
53731	225
53732SEN	227
53751	228
53819	227
53820	227
53827	227
53828	227
53837	227
53838	227
53849	227
53850	227
53857	227
53858	227
53867	227
53868	227
53871	227
53872	227
53873	227
5415	148
5415L	148
5415S	148
5415XL	148
5416	136
5416L	136
5416OCTO	136
5416T	136
5416TBR	136
5416TC	136
5416TCP	136
5416TFR	136
5416TSR	136
5417	139
5417T	139
5420	148, 292
5420L	148, 292
5420S	148, 292
5420XL	148, 292
5425M	149
5425XL	149
5426L	149
5426M	149
5426XL	149
54436	166
54437	166
54438	166
54439	166
54440	166
54445	166
54446	166
54447	166
54448	166
54451	165
54474	165-166
54476	165-166
54477	165-166
54484	165
54486	165
5456	139
5456T	139
5456TS	139
5458	140
5459C	140, 294
5459SLVR	140, 294
5459T	139
5460	139
5461T	139
5471	135, 253
5471FR	135, 253
5481	133
5482	133
5509	140
5539BLU	162
5539CPAK	162
5539NAT	162
5539RED	162
5539YEL	162
55400	143
554158-14	155
5541610-14	155
55419SP-14	156
55421BP-14	152
55421BP14CAMO	152
55427	141
55428	141
55429	141
55431	154, 215
55437	215
55439BPTB	153
55448	156
55452RTB	155
55454DHB	156
55455M	153
55456BPL	153
55460	129, 144
55461	129, 144
55468	129, 144

Item	Page
55469	154
55470	162
55474	129, 144
55475	153
55485	151
55487	118
55488	118
55489	118
55560	161
55563	129, 144
55564	129, 144
55597	152
55598	154
55599	161
55600	127
55601	128
55625	127
55629	118
5574L	140
5574S	140
55895	129
56000	105
56001	105
56002	105
56003	105, 168
56004	105
56005	105
56006	105
56007	105
56008	105
56009	105
56010	105
56013	105
56014	105
56025	104, 106
56026	213
56027	213
56028	213
56029	215
56034	214
56055	104
56056	104
56057	104
56058	104
56059	104
5606	254
56107	106
56108	110
56110	110
56115	104-106
56116	104-106
56117	110
56119	108
56120	104-106
56203	112
56204	112
56205	112
56206	111
56207	111
56208	112
56209	112
56210	112
56211	112
56220	214
56221	215
56250	111
56251	111
56252	111
56253	111
56254	111
56255	111
56312	107
56324	107
56325	107
56400	107
56401	107, 108
56406	107
56409	107
56415	107
56418	107
56430	107
56511	107, 108
56512	108
56513	108
56514	108
56515	108
56516	108
56517	108
56999	85, 113
5700	145
57000	88
57005	88
5701	145, 147
57010	88
5702	145
5703	145, 147
57032	63
5704L	147
5704M	147
5704XL	147
5705	147, 170-171
5706	146, 147
57060	88
5707	101, 146
5708	146
5709L	147
5709M	147
5709XL	147
5710L	147
5710M	147
5710XL	147
5712	101, 146
5713	146
5714	146
5716	146
5717	146
5718	145, 147
5719	145, 147, 171
573	272
578	272
58000	120
58001	120
58002	120
58003	120
58886	160
58888	160
58889	157, 164, 168
58890	160
5FW07538	293
5FW10025	293
5FW17550	293
5SDSH	293

6

60	22
60009	119
600-1	51, 168
60010	119
60011	119
600-12	51
60015	119
60025	119
60027	119
60028	118
60030	118
60031	118
600-4	51, 53, 168-169
60046	117
60047	117
60049	117
60053	117, 168-170
60054	117

Item	Page
60055	117
60056	117, 170
60057	117
600-6	51
60060	119
600-8	51
601-10	51
601-3	51, 168
601-4	51
601-4-INS	42-43, 46
601-6	51, 53, 168-169
601-6-INS	47
601-7-INS	42-43, 46
601-8	51
602-10	51
60210B	149
602-12	51
60223B	149
602-3	51
602-4	51
602-4DD	52
602-4-INS	42-43, 45-47
602-6	51, 53, 168-169
602-7DD	52
602-7-INS	42-43, 45-46
602-8	51
602-8-INS	42-43, 45-46
603-1	51, 168
603-10	51
603-3	51, 168, 170-171
603-4	51, 53, 171
603-4B	55, 168-170
6034DD	52
603-4-INS	42-43, 45-47
603-6	51
603-7	51
6037INS	42
604-3	50
605-10	51
605-4	51, 170-171
605-4B	55
605-6	51, 53, 168-171
605-6B	55
605-7-INS	42
605-8	51
606-2	50
607-3	50
607-3-INS	42
607-4	50
608-10	50
608-2	50
608-3	50
608-4	50
608-6	50
608-8	50
610	66
610-1/4	66
610-1/4M	65
610-5/16	66
610-5/16M	65
610M	65
612-4	54
612-4-INS	42-43, 46
613-3	52
614-2	52
614-3	52
614-4	52
614-6	52
618-1/4M	65
618-5/16M	65
620-3	52
620-4	52
620-6	52
620-8	52
621-6	52
621-8	52
625-24	70
625-32	70
626	70
626-24	70
626-32	70
627-20	70
628-20	70
630-1/2	66, 168-169
630-1/2M	65
630-1/4	66, 168-170
630-1/4M	65
630-10MM	66
630-11/32	66, 168-169
630-11/32M	65
630-11MM	66
63016	32
63020	32, 179-180
63028	31
630-3/16	66, 168-169
630-3/16M	65
630-3/8	66, 168-169
630-3/8M	65
63030	31
63035	33
63035SC	33
630-4.5MM	66
63041	33
63041TH	33
63045	33
63047	33
630-4MM	66
630-5/16	66, 168-170
630-5/16M	65
630-5/8	66
63050	31
63050-EINS	41
63050-INS	41, 45-47
63055	32
630-5MM	66
63060	34
630-6MM	66
630-7/16	66, 168-169
630-7/16M	65
630-7MM	66
630-8MM	66
630-9/16	66
630M	65
631	66
63118	36
63124	36
63130	36
63136	36
631M	65
633	66
63314	36
63318	36
63324	36
63330	36
63336	36
63342	36
6334INS	42-43, 45-46
6337INS	42-43, 45-46
635-1/2	64
635-1/4	64
635-3/8	64
635-4	64
635-5/16	64
635-6	64
635-7/16	64
635-9/16	64
63601	34
63607	34
63700	35
63711	34
63750	34
63800ACSR	34
63RBCHD	36

Item	Page
640-1/2	67
640-1/4	67
640-3/16	67
640-3/8	67
640-5/16	67
640-5/8	67
640-7/16	67
640-9/16	67
64306	293
64309	292
64310	292
64311	292
64312	292
646-1/2	66
646-1/2-INS	44
646-1/2M	65
646-1/4	66
646-1/4-INS	44
646-1/4M	65
646-11/32	66
646-11/32-INS	44
646-11/32M	65
646-3/16	66
646-3/16-INS	44
646-3/16M	65
646-3/8	66
646-3/8-INS	44
646-3/8M	65
646-5/16	66
646-5/16-INS	44
646-5/16M	65
646-5/8	66
646-5/8-INS	44
646-7/16	66
646-7/16-INS	44
646-7/16M	65
646-9/16	66
646-9/16-INS	44
646M	65
647	66
647M	65
650	71, 168
65064	54
650DD	71
65129	54
65131	54
65160	66
65500	81
65502	81
65504	81
65506	82
65508	81
65510	82
65512	82
65514	82
65600	80
65601	80
65602	80
65603	80
65604	80
65605	80
65606	80
65607	80
65608	80
65610	80
65611	80
65613	80
65614	80
65615	80
65620	80
65621	80
65622	80
65623	80
65700	80
65701	80
65702	80
65703	80
65704	80
65705	80
65706	80
65707	80
65708	80
65711	80
65712	80
65713	80
65714	80
65715	80
65716	80
65717	80
65720	80
65721	80
65722	80
65723	80
65724	80
65800	80
65801	80
65802	80
65804	80
65805	80
65806	80
65807	80
65808	80
65809	80
65810	80
65811	80
65812	80
65820	80
65821	80
65823	80
65825	80
65826	80
65827	80
65828	80
65829	80
65830	80
65831	80
65907	80
65908	80
65909	80
65910	80
65911	80
65912	80
65913	80
65914	80
65915	80
65916	80
65917	80
65918	80
65919	80
660	50
66001	86
66004	86
661	50, 171
66100	289
66140	289
66141KIT	254
66142	289
66143	289
66144	289
66145	289
66146	289
661-4-INS	42
66174	289
66177	289
661-7-INS	42
66183	289
662	50, 168-171
662-4-INS	42
662-7-INS	42
663	50
66310	290
66311	290
66312	290

Item	Page
66313	290
66320	290
66321	290
66322	290
66323	290
66324	290
66325	290
66340	290
66342	290
66343	290
66344	290
66385	71
66400	221
665	50
666	50
667	50
668	50
670-3	53
670-6	53, 168-170
67100	52
67101	60
671-6	53
68005	85, 178
68200	83
68201	83
68202	83
68203	83
68204	83
68205	83
68206	83
68221	83
68222	83
68234	84
68236	84
68238	84
68240	84
68242	84
68244	84
68245	84
682-6	53
68309	84, 222
68310	84
68400	77
68402	77
68404	77
68406	77
68410	76-77
68411	76-77
68412	76-77
68413	76-77
68414	76-77
68415	76-77
68416	76-77
68417	76-77
68418	76-77
68419	76-77
68420	76-77
68421	76-77
68422	76-77
68423	76-77
68424	76-77
68425	76-77
68450	79
68452	79
68460	79
68461	79
68462	79
68463	79
68464	79
68465	79
68466	79
68500	78
68502	78
68507	78
68508	78
68509	78
68510	78
68511	78
68512	78
68513	78
68514	78
68515	78
68517	78
68519	78
69028	199
69031	198
69032	198
69033	198
69034	198
69035	198
69105	203
69127	200
69131	200
69133	200
69140	199
69142	199
69144	199
69146	199
69149	198
69190	200
69191	198
69192	198
69193	198
69194	198
69401	209
69406	144, 210
69407	144, 210
69408	144, 210
69409	198, 200
69410	199
69411	203
69417	200
69435	199
69450	209
69451	209
69454	209
69455	209
69457	209

7

Item	Page
70	22
70035	62
70155	61
701-S	233
702	234
70200	69
70204	69
70205	69
70206	69
70207	69
70208	69
70209	69
70210	69
70211	69
702-12	233
70220	63
70229	63
70245	69
70255	69
703	234
704	234
705	234
70571	94
70572	94
70573	94
70574	94
70575	94
70579	94
70580	94
70581	94
70582	94
70586	94

Item	Page
70591	94
706	234
707	234
709	234
71980	20
72192	14
725	235
7314	51
7324	51
74007	26
74017	27
74BP12	290
7FW27050	293
7FWSS10025	293
7HBRFRH04	288
7HBRFRH07	288
7HBRFRH10	288
7HBRFRH14	288
7WRP13	289
7WRP16	289
7WRP19	289
7WRP22	289
7WRP25	289
7WRP32	289

8

Item	Page
80006	171
80014	170
80028	169
80118	170
80141	168
803-12	287
803-16	287
803-24	287
803-32	287
803-8	287
807-18	286
808-16	286
808-20	286
809-36	286
809-36MF	286
811-16	288
811-32	288
818-16	286
818-20	286
819-03	288
819-04	288
820-16	287
821-12	287
823-48	287
832-32	286
85071	51
85072	51
85074	51
85075	51
85076	51
85077	53
85078	51
85091	71, 114
85105	51
85191	71, 114, 168, 169
85276	61
85484	50
85614	52
85664	50
86125	100-101, 139, 169, 170
86216	100-101, 139
86225	100-101, 139, 168, 170
86230	100-101, 139
86315	100-101, 139
86375	100-101, 139, 171
86520	218
86522	219
86524	219
86526	218
86528	218
86530	219
86532	219
86534	219
86570	221
86571	221
86600	73, 223
8660010	73, 223
86601	73, 223
8660110	73, 223
86602	73, 223
8660210	223
86938	222
86939	84, 222
87904	149
87906	149
88904	221
88906	113
88907	113
88908	113
88910	221
88912	220
89	22
89030	221
89551	220
89552	220
89554	219
89555	218
89556	218
89565	220
89904	68

9

Item	Page
900-6	102
901-6	102
905-6	102
910-6	102
911-6	102
92003	171
928-25HV	101, 171
9319RETT	99
935	99, 169
935AB1V	99
935AB4V	99
935L	100
935R	99, 168
935RB	99
935RBLT	99
93LCL	98
93LCLS	98
93LDM65	101
946-100	102
946-150	102
946-50	102
98554	182, 190

A

Item	Page
A000	61
A116-2	62
A116-3	62
A130-2	62
A130-3	62
A131-2	62
A216-10	61
A216-3	61
A216-4	61
A216-6	61
A216-8	61
A316-10	61
A316-4	61
A316-6	61
A316-8	61
AEPJS1	128

Item	Page
B	
BAT20-12T165	283
BAT20-12T1651	283
BAT20-716	282
BAT20-7161	282
BAT20-7T	284
BAT207T1	284
BAT207T10	284
BAT20-7T11	284
BAT20-7T12	284
BAT207T13	284
BAT207T134H	284
BAT20-7T14	284
BAT207T14H	284
BAT207T144H	284
BAT207T16	284
BAT207T17	284
BAT207T18	284
BAT207T2	284
BAT207T23	284
BAT207T234H	284
BAT207T24H	284
BAT207T3	284
BAT207T34H	284
BAT207T4	284
BAT207T4H	284
BAT207T44H	284
BAT207T5	284
BAT207T54H	284
BAT207T6	284
BAT207T7	284
BAT207T9	284
BAT20-G1	282
BAT20-G10	282
BAT20G104H	282
BAT20G14H	282
BAT20-G2	282
BAT20G24H	282
BAT20-G4	282
BAT20-G5	282
BAT20-G7	282
BAT20-G8	282
BAT20-G9	282
BD111	61
BD122	61
BD133	61
BD144	61
BD146	61
BD156	61
BD284	61
BD306	61
BD308	61
BD408	61
BD410	61
BD412	61
BL10	95
BL12	95
BL14	95
BL16	95
BL2	95
BL20	95
BL24	95
BL4	95
BL5	95
BL6	95
BL7	95
BL8	95
BL9	95
BLK12	96, 168
BLM10	95
BLM15	95
BLM2	95
BLM25	95
BLM3	95
BLM4	95
BLM5	95
BLM6	95
BLM8	95
BLMK10	96
C	
CL110	194-195, 198, 209
CL110KIT	198
CL150	196
CL200	199
CL210	194-195, 199, 209
CL2300	199
CL310	199, 209
CL312	194-195, 199, 209
CL330	199, 209
CL360	196
CL380	194-195
CL450	194-195, 200
CL600	194-195, 200, 209
CL700	194-195, 199, 200, 209
CL800	194-195, 200, 209
CL900	194-195, 200
D	
D2000-28	12
D200028GLW	12
D2000-28-INS	39, 45-46
D2000-48	13
D2000-48-INS	39, 45-47
D2000-49	13
D2000-7	8
D2000-7CST	10
D2000-8	8
D2000-9NE	8, 171
D2000-9NECR	9
D20009NEGLW	8
D2000-9NE-INS	39, 45, 46, 47
D2000-9NETH	9
D2000-9NETP	9, 113
D2000-9ST	10
D201-7CST	10
D201-7CSTA	10
D201-7CSTT	10
D201-7NE	10
D201-8	10
D201-8NE	10
D202-6	14
D202-6C	14
D203-6	17
D203-6C	17
D203-6H2	17, 19
D203-6-INS	40, 46
D203-7	17
D203-7C	17
D203-7-INS	40, 46
D203-8	16, 169,-171
D203-8-GLW	16
D203-8-INS	40, 45
D203-8N	16
D203-8NCR	16
D203-8N-INS	40, 46-47
D209-4C	14
D209-5C	14
D210-6C	14
D213-8NE	8
D213-9	8
D213-9NE	8
D213-9NE-CR	9
D213-9NE-CR-INS	39
D213-9NE-INS	39, 47
D213-9NETH	9
D213-9NETP	9, 113, 169-171

Item	Page
D213-9NETT	8
D213-9ST	10
D213-9STT	10
D220-7	14
D220-7-INS	39, 46
D227-7C	15
D228-7	12
D228-8	12
D228-8-INS	39, 47
D228-8TT	12
D2291	20
D230-4C	15
D232-8	20
D234-6	19
D234-6C	19
D238-8	13
D240-6	14
D243-8	13
D244-5C	14
D245-5	14
D248-8	13, 169, 170, 171
D248-8-GLW	13
D248-8-INS	39
D248-9ST	13
D248-9STT	13
D252-6	14
D252-6SW	14
D257-4	14
D257-4C	14
D259-4C	14
D275-5	15
D295-4C	14
D301-6	17
D301-6C	17
D302-6	18
D307-51/2C	17
D310-6C	18
D318-51/2C	18
D320-41/2C	18
D321-41/2C	18
D322-41/2C	18
D327-51/2C	17
D333-8	20, 114
D335-51/2C	18
D502-10	21, 169, 170, 171
D502-10-INS	40, 45, 46
D502-10TT	21
D502-12	21
D502-12TT	21
D502-16	21
D502-6	21
D502-6TT	21
D504-10	21
D504-10B	21
D504-12	21
D504-12B	21
D504-7	21
D506-4	75
D507-10	75, 170
D507-12	75, 168
D507-6	75
D507-8	75, 168
D509-8	75
D511-10	22
D511-6	22
D511-8	22
D514-8	22
D528V	14
D86930	76, 222
D86932	75, 222
D86934	75, 222
D86936	75, 222
DK06	220, 245

E

Item	Page
ET05	206
ET10	206
ET110	205
ET120	205
ET130	204
ET250	201
ET300	203
ET40	201
ET45	201
ET500	208
ET510	208
ET60	201
ET900	204
ET910	204
ET920	204

H

Item	Page
H1802-30	259
H1802-30S	259
H1802-30SR	259
H1802-30SSR	259
H267	257
H268	257
HD2000-9NE	8
HD213-9NE	8
HD213-9NETH	9
HVNCVT-1	211
HVNCVT-2	211

I

Item	Page
IR07	206
IR10	207
IR5	207

J

Item	Page
J1005	29, 168
J1100L	217
J1101R	217
J1102S	217
J12098	11
J2000-28	12
J2000-48	13, 168, 170
J2000-59	12
J20008	8
J2000-9NE	8
J2000-9NECR	9
J2000-9NECRTP	9, 113
J2000-9NETP	9, 113, 168, 170
J20017NE	10
J203-6	17, 168
J203-7	17
J203-8	16
J203-8N	16, 168, 170
J206-8C	16
J207-8CR	16
J2100L	217
J2101R	217
J2102S	217
J2103S	217
J2138NE	8
J213-9NE	8
J213-9NECR	9
J2139NECRN	9
J213-9NETP	9, 113
J215-8CR	11
J228-8	12
J248-8	13
J502-10	21, 168, 170
J63050	31, 168
JTH410E	91
JTH4E06	91
JTH4E07	91
JTH4E08	91
JTH4E09	91

Item	Page
JTH4E10	91
JTH4E11	91
JTH4E12	91
JTH4E13	91
JTH4E14	91
JTH4E15	91
JTH4E17	91
JTH610E	91
JTH610EB	90
JTH67T	93
JTH68M	93
JTH68MB	92
JTH6E06	91
JTH6E06BE	90
JTH6E07	91
JTH6E07BE	90
JTH6E08	91
JTH6E08BE	90
JTH6E09	91
JTH6E09BE	90
JTH6E10	91
JTH6E10BE	90
JTH6E11	91
JTH6E11BE	90
JTH6E12	91
JTH6E12BE	90
JTH6E13	91
JTH6E13BE	90
JTH6E14	91
JTH6E14BE	90
JTH6E15	91
JTH6E15BE	90
JTH6E17	91
JTH6E17BE	90
JTH6M10	92-93
JTH6M10BE	92
JTH6M2	92-93
JTH6M25	92-93
JTH6M25BE	92
JTH6M2BE	92
JTH6M3	92-93
JTH6M3BE	92
JTH6M4	92-93
JTH6M4BE	92
JTH6M5	92-93
JTH6M5BE	92
JTH6M6	92-93
JTH6M6BE	92
JTH6M8	92-93
JTH6M8BE	92
JTH6T10	93
JTH6T15	93
JTH6T20	93
JTH6T25	93
JTH6T27	93
JTH6T30	93
JTH6T40	93
JTH910E	91
JTH98M	93
JTH9E06	91
JTH9E07	91
JTH9E08	91
JTH9E09	91
JTH9E10	91
JTH9E11	91
JTH9E12	91
JTH9E13	91
JTH9E14	91
JTH9E15	91
JTH9E17	91
JTH9M10	92-93
JTH9M2	92-93
JTH9M25	92-93
JTH9M3	92-93
JTH9M4	92-93
JTH9M5	92-93
JTH9M6	92-93
JTH9M8	92-93

K

Item	Page
K12054	24
K12055	24
K14	63
K1412	25, 168
K1412CAN	25
K16	63
K19	63
K23	62
K28	62
K34	62
K36	53, 62
K38	62
K44	62
K46	62
K48	62
K7	68
KN1500PEX	257
KN1500PEXH	257
KN1600PEX	257
KP075-24	280
KP075-36	280
KP100-24	280
KP100-36	280
KP150-36	280
KPJ100	280
KPJ50	280
KPJ75	280
KPL125-1	280
KPL150-1	280
KPL200-1	280
KPM050	280
KPM075	280
KPM100	280
KPS050-2	280
KPS062-2	280
KPS075-2	280
KPS100-2	280
KPS100-3	280
KPS125-2	280
KPS150-2	280
KPS150-3	280
KPS200-2	280
KPS200-3	280
KPS250-2	280
KPS300-2	280
KPS350-2	280
KSCK100-1	280
KSSK125-1	280
KT151T	86
KT152T	86
KT155HD	86
KT155T	86
KT223X4	85
KT223X4-INS	85
KT4500	275
KT4501	275
KT4502	275
KT4600	275
KT4601	275
KT4602	275
KT4650	275
KT4652	275
KT4800	275
KT4801	275
KT4802	275
KTSB01	229
KTSB03	229
KTSB11	229
KTSB14	229
KTSB15	229

Item	Page
L	
LL10	95
LL12	95
LL14	95
LL16	95
LL2	95
LL20	95
LL24	95
LL4	95
LL5	95
LL6	95
LL7	95
LL8	95
LL9	95
LLK12	96
LLM10	95
LLM15	95
LLM2	95
LLM25	95
LLM3	95
LLM4	95
LLM5	95
LLM6	95
LLM8	95
LMK10	96
M	
MAG2	49, 129
MM100	198
MM1000	198-200
MM1300	198-200
MM200	198-199
MM2000	198-200
MM2300	198-200
MM300	197-198 200, 209
MM400	197-200, 209
MM600	197-200, 209
MM6000	198, 199
MM700	197-200, 209
N	
NCVT-1	198, 202
NCVT-2	202
NCVT-3	202
NCVT-4IR	202
NRHD	86
NRHD3	86
NRHD4	86
NRHDA	86
NRHDA3	86
NRHDA4	86
P	
P12	62
P18	61
P202	61
P212	61
P28	61
PH115	72
PH1355	72
PH162	72
PH2115	72
PH2355	72
PH262	72
PH315	72
PH3355	72
PH362	72
PND125	72
PND71610	72
PND7165	72
PND91610	72
PND9165	72
R	
RT110	203
RT210	198, 203
S	
S10	68
S1018	69
S1018M	69
S106	68
S106M	69
S10M	69
S11	68
S116	68
S12	68
S126	68
S126M	69
S-12H	88
S14	68
S146	68
S16	68
S1613-40H	272
S1656-20H	264, 268, 270
S1656-30H	264, 268, 270
S1656-40H	264, 268, 270
S1656-50H	264, 270
S1656-60H	264, 270
S166	68
S1684-5H	272
S1684-74H	272
S18	68
S-18H	88
S20	68
S5	68
S5118PRS	138
S6	68
S66	68
S-6H	88
S7	68
S8	68
S818M	69
S86	68
S86M	69
S8M	69
S9	68
SK234	62
SL1415	72
SL14355	72
SL31615	72
SL316355	72
SRS56036	109
SRS56037	109
SRS56038	108
SRS56980	108
SRS56981	108
SS10	68
SS12	68
SS8	68
T	
T1710	29
T1715	29
TT2	295
V	
VDV000-133	179
VDV001-081	190
VDV001-833	179
VDV002-818	181
VDV002-820	181
VDV011-832	179
VDV011-852	180
VDV026-049	19, 177
VDV026-211	180

Item	Page
VDV026-212	182
VDV026-812	182
VDV026-831	179
VDV027-813	190
VDV100-801-SEN	173
VDV110-003-SEN	173
VDV110-004-SEN	173
VDV110-020	173
VDV110-046	27
VDV110-061	173, 179-180, 181
VDV110-095	173
VDV110-261	173, 182
VDV110-295	173
VDV110-802-SEN	173
VDV113-021	173
VDV113-022	173
VDV120-005-SEN	173
VDV200-010	175
VDV201-040	175
VDV201-042	175
VDV205-035	175
VDV205-036	175
VDV205-039	175
VDV205-044	175
VDV211-037	175
VDV211-038	175
VDV211-041	175
VDV211-043	175
VDV211-048	174, 179
VDV211-063	174, 179
VDV211-100	174
VDV212-008-SEN	174, 180-181
VDV212-034	175
VDV226-005	176, 178
VDV226-011	178, 182
VDV226-011-SEN	177, 181-182
VDV226-107	176, 178-179
VDV226-110	176, 178
VDV226-817	181
VDV327-103	191-192
VDV427-013	192
VDV427-015-SEN	190, 192
VDV427-016-SEN	192
VDV427-104	190, 191, 192
VDV427-800-SEN	192
VDV427-805-SEN	192
VDV427-807	191
VDV427-821	191
VDV427-822	191
VDV500-051	189
VDV500-060	189
VDV500-808	189
VDV501-098	186, 187
VDV501-108	186, 187
VDV501-111	188
VDV501-112	188
VDV501-113	188
VDV501-114	188
VDV501-115	188
VDV501-116	188
VDV501-117	188
VDV501-118	188
VDV501-815	184
VDV501-823	186-187
VDV501-824	186-187
VDV501-825	186-187
VDV501-826	186-187
VDV501-828	185
VDV501-829	185
VDV512-007	183
VDV512-056	188
VDV512-100	181, 183
VDV512-101	183
VDV526-052	182-183
VDV526-054	190
VDV526-055	188
VDV770-050	191-192
VDV770-080	187
VDV770-827	187
VDV770-834	188
VDV812-606	175, 179-181
VDV812-612	175
VDV812-615	175, 179
VDV812-618	175
VDV812-623	175, 179
VDV812-624	175
VDV812-627	175, 181
VDV813-607	175, 179
VDV813-613	175
VDV813-616	175, 179
VDV813-619	175
VDV814-609	175
VDV826-600	178, 179
VDV826-601	178
VDV826-602	178
VDV826-603	178, 179
VDV826-604	177
VDV826-605	177
VDV826-611	178
VDV826-628	178-179, 181
VDV826-702	178
VDV826-703	178
VDV826-728	178
VDV826-729	178
VDV826-762	178
VDV826-763	178
VDV999-033	175
VDV999-059	190
VDV999-064	177
VDV999-067	190
VDV999-074	176
VDV999-076	176



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