KLEIN TOOLS®

KLEIN TOOLS EST. 1857

For Professionals… Since 1857®USA

TOOL CATALOGUE

SUPER ROD
#workingsmarter

www.kleintools.co.uk

CEF EXCLUSIVE LAUNCH
JANUARY 2015

Table of Contents

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

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

2015 sees Klein Tools establish its European HQ in the UK via its partnership with Super Rod.
www.kleintools.co.uk   www.super-rod.co.uk

Company History

The Professional Difference

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

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

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

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

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

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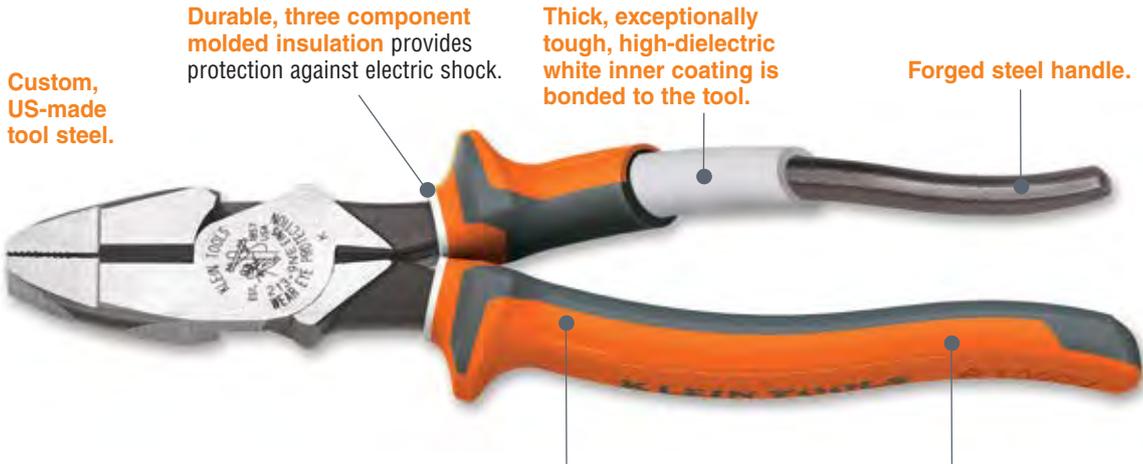*of professional electricians in the US.*

Insulated Tools

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

For Professionals... Since 1857®

1000 V

Electrician's Insulated Pliers

⚠ **1000 V**

Custom, US-made tool steel.

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

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

Forged steel handle.

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

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

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

MADE IN USA

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

⚠ **1000 V**

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

VDE **GS** *Geprüfte Sicherheit*

Electrician's Insulated Pliers

⚠ **1000 V**

Electrician's Insulated Combination Pliers

Additional Features:

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

12098-EINS

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

All dimensions are in inches and (millimeters).

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

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

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

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

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

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

Electrician's Insulated Pliers

Electrician's Insulated High-Leverage Side-Cutting Pliers

Additional Features:

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

213-9NE-EINS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length
213-8NE-EINS	New England	8-13/16" (224 mm)	1-7/16" (37 mm)	1-7/64" (28 mm)	5/8" (16 mm)	3/4" (19 mm)
213-9NE-EINS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)
2000 Series* – Heavy-duty cutting knives						
2000-9NE-EINS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)
Cuts SWA, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.						

Electrician's Insulated High-Leverage Diagonal Cutting Pliers

Additional Features:

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

2000-28-EINS

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

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

Additional Features:

- Angled head for easier work in confined spaces.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.
- Cuts SWA, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

2000-48-EINS

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

All dimensions are in inches and (millimeters).

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

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

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

Electrician's Insulated Cable Cutter

Electrician's Insulated High-Leverage Cable Cutter

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

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

63050-EINS

Cat.No.	Overall Length	Cuts Up to
63050-EINS	9-5/8" (245 mm)	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG (0.20mm²) communications cable

Electrician's Insulated Pliers

△ 1000 V

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

Additional Features:

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

203-7-EINS

203-8N-EINS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness
203-6-EINS	6-7/8" (175 mm)	1-15/16" (49 mm)	11/16" (17 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)
203-7-EINS	7-3/8" (187 mm)	2-7/16" (62 mm)	11/16" (17 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)
203-8-EINS	8-7/8" (225 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)

Electrician's Insulated Tongue & Groove Pliers

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

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

502-10-EINS

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KLEIN TOOLS
EST. 1857

Insulated Screwdrivers

Features:

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

MADE IN USA

Custom, US-made tool steel.

Durable, two layer, molded insulation.

Tip-Ident® quickly identifies nut driver size.

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

Bright orange outer coating is flame and impact resistant.

Insulated Screwdrivers

Insulated Phillips-Tip – Round-Shank Screwdrivers

Additional Features:

- Klein's profilated Phillips-tip provides a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.

603-7-INS

661-7-INS

Cat. No.	Point Size	Shank Length	Overall Length
⊕ **Insulated Phillips Tip**			
633-4-INS	#1	4" (102 mm)	7-3/4" (197 mm)
603-4-INS	#2	4" (102 mm)	8-5/16" (212 mm)
603-7-INS	#2	7" (178 mm)	11-5/16" (288 mm)
633-7-INS	#3	7" (178 mm)	12-3/8" (315 mm)
⊕ **Insulated Pozi Drive Tip**			
741-4-INS	#1	4" (102mm)	7-3/4" (197 mm)
742-4-INS	#2	4" (102mm)	8-5/16" (212 mm)
742-7-INS	#2	7" (178 mm)	11-5/16" (288 mm)

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

741-4-INS

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Insulated Screwdriver Sets

2-Piece Insulated 4" (101mm) Screwdriver Set

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

33532-INS

Cat. No.	Set Contains
33532-INS	

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

Electrician's Insulated Tools
Rated for Safety on the Job

INSULATED TOOLS

Unique three-part molded insulation provides protection against electrical shock.

Multi-color design features small thumb guards for easy handling and storage.

White underlayer provides a warning of compromised insulation.

Individually tested to meet or exceed IEC 60900, ASTM F1505 standards.

Forged US-made tool steel handle.

MADE IN USA

△ **1000 V** VDE GS
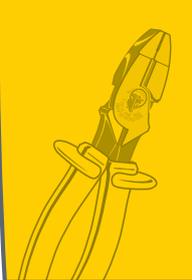
KLEIN TOOLS For Professionals... Since 1857

www.kleintools.co.uk

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

Cable & Bolt Cutters

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

For Professionals... Since 1857®

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

Custom, US-made tool steel.

MADE IN USA

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

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

Cable Cutters

High-Leverage Cable Cutters

Additional Features:

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

63050

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

Cat. No.	Overall Length	Handle Color	Maximum Cable Cutting Capacity	Weight
63050	9-1/2" (241 mm)	red	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG (0.20 mm^2) communications cable	408 g
Journeyman Series – Dual-material handles				
J63050	9-9/16" (243 mm)	red and black	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG (0.20 mm^2) communications cable	445 g

Cable Cutters — Coaxial

- Cable-gripping jaws quickly score jacket and insulation, and easily cut through copper inner conductor.
- Blades cleanly cut aluminum and copper coaxial cable without compression and frayed ends.
- Forged body with heat-treated and precision-ground steel blade withstands frequent cutting.
- Hot-riveted design requires no adjustment while maintaining a smooth, precise operation.
- Compact, lightweight design fits perfectly in any professional's tool pouch.
- Handles are plastic-coated for maximum comfort and gripping power.
- When cutting drop wire with an inner steel conductor, we recommend Cat. No. D2000-28 diagonal-cutting pliers.

63030

63028

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

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Handle Color	Weight
63028	8-1/4" (216 mm)	.75" (19 mm) diameter	yellow	363 g
63030	8-1/4" (216 mm)	1" (25 mm) diameter	blue	376 g

Compact Cable Cutter

- Precise, one-hand shearing action cuts 24 AWG (0.20 mm^2) copper, aluminum multi-strand cable and wire, and 100-pair telephone cable.
- Special shear angle cuts cleanly without compression to cable geometry for telecom cable work.
- Heat-treated, high-carbon steel shearing edges for long life.
- Forged body with 3/8" (10 mm) case-hardened rivet.
- Plastic-dipped handles for comfort.

63055

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

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Weight
63055	8" (203 mm)	24 AWG (0.20 mm^2) copper, aluminum multi-strand cable and wire, and 100-pair telephone cable	red	295 g

All dimensions are in inches and (millimeters).

⚠ WARNING: Always wear approved eye protection.

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

Cable Cutters

Utility Cable Cutter

- Forged steel with black-oxide finish for long life.
- Shear-type hook jaws grab and hold cable while shear-cutting action makes clean cuts.
- Beveled tips for positive mating.
- Hinge bolt with pin-set nut for proper blade tension.
- Non-slip vinyl grips.

63035

Cat. No.	Overall Length	MCM Cable-Cutting Maximum Capacity*	Handle Color	Weight
63035	16-3/4" (425 mm)	350 MCM (185 mm^2) copper, 350 MCM (185 mm^2) aluminum	red	771 g

*Not designed for cutting steel or SWA.

Wire Rope Cutter

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

63035SC

Cat. No.	Overall Length	Cuts	Maximum Cutting Capacity	Handle Color	Weight
63035SC	18" (457 mm)	Stoffel Seals®	9/32" (7 mm) wire rope and cables	red	907 g

Stoffel® is a registered trademark of Stoffel Seals Corporation.

Standard Cable Cutters

- Lightweight, yet efficient shear-type cable cutters.
- Replaceable hook-jaw blades grab and hold cable while shear-cutting action makes clean cuts.
- Exceptionally strong fiberglass handles with heavy vinyl grips for comfort and slip resistance.
- Heavy-duty pins in head serve as blade-stops.
- Jaws are forged tool steel with black-oxide finish for long life.
- Beveled tips assure positive mating, and hinge on a rugged bolt with a pin-set nut to maintain proper blade tension.
- Makes a clean, even cut for ease in fitting lugs and terminals.
- Not designed for cutting steel or SWA.
- Includes rubber sleeves (Cat. No. 63041TH).

63041TH

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	MCM Cable-Cutting Maximum Capacity	Weight
63041	25-1/2" (648 mm)	1-3/8" (35 mm) diameter	500 MCM (250 mm^2) copper, 750 MCM (400 mm^2) aluminium	2.4 kg
63041TH	25-1/2" (648 mm)	1-3/8" (35 mm) diameter	500 MCM (250 mm^2) copper, 750 MCM (400 mm^2) aluminium	2.4 kg
63045	32" (813 mm)	1-3/4" (44 mm) diameter	1000 MCM (500 mm^2) copper, 1200 MCM (600 mm^2) aluminium	3.6 kg

All dimensions are in inches and (millimeters).
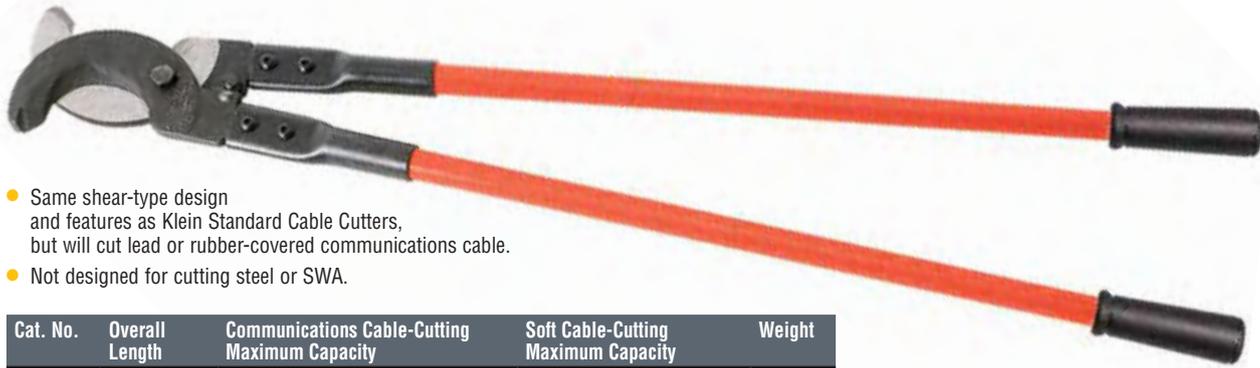
⚠ **WARNING:** Do NOT use to cut steel or SWA.

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

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

Cable Cutters

Communications Cable Cutter

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

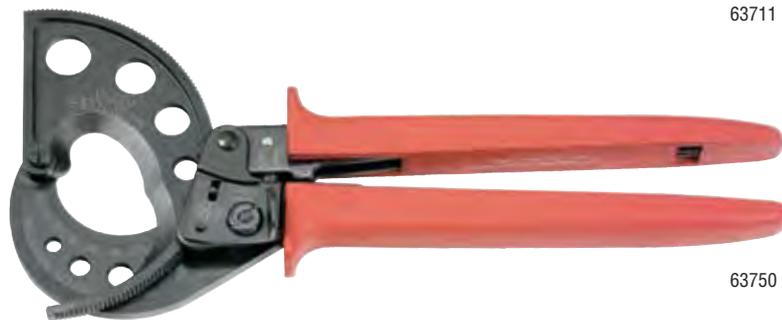| Cat. No.	Overall Length	Communications Cable-Cutting Maximum Capacity	Soft Cable-Cutting Maximum Capacity	Weight
63047	37" (940 mm)	900-pair soft copper and aluminum	up to 2-1/4" (57 mm) diameter	3.9 kg

63047

Ratcheting Cable Cutters

- High-leverage ratchet mechanism for single-handed cutting of copper and aluminum cables, leaving no burrs or sharp edges.
- Patented two-step ratchet mechanism requires fewer strokes per cut.
- Quick release lever opens blades easily in every cutting position. (Allows removal of the cable before completion of cut).
- Precision ratcheting mechanism holds cable tight and allows rapid, straight cuts with minimum effort.
- Hardened steel cutting blades for lasting strength and sharpness.
- Plastic covered handles with hand guards for comfort and firm grip.
- Locking lever keeps handles closed for easy transport; fits in a toolbox or bag.
- One-year warranty.

63060

63711

63750

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

Cat. No.	MCM Maximum Cable Capacity			Overall Length	Handle Color	Weight
	Copper	Aluminum	Communication Cable			
63060	400 MCM (185 mm²)	600 MCM (300 mm²)	1-1/8" (28 mm)	10-1/4" (260 mm)	red	599 g
63711	600 MCM (300 mm²)	750 MCM (400 mm²)	1-1/8" (28 mm)	11-1/2" (292 mm)	red	907 g
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 mm)	12-1/8" (308 mm)	red	798 g

All dimensions are in inches and (millimeters).

⚠ WARNING: Always wear approved eye protection.

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

Cable Cutters

SWA Ratcheting Cable Cutter

- Cutting inserts are easily replaced by simply removing 3 screws per blade.
- Capacity: 477 MCM (273 mm²) SWA
  1-1/4" (32 mm) Ø CU-AL Stranded
  1" (25 mm) Ø CU Solid
  1/2" (13 mm) Ø Guy Strand (NOT FOR EHS)
- Tool can be locked when not in use.
- High-leverage ratcheting mechanism for easier cutting.
- Plastic covered handles with hand guards for comfort and firm grip.
- At a length of just under 14" (355 mm) tool can be carried in a tool pouch.
- Cleanly cuts 336 MCM Linnet SWA and 2/0 triplex steel messenger cable (Cat. No. 63607).

63607

63800ACSR

| | MCM Maximum Cable Capacity | | | | | |
Cat. No.	SWA	Stranded Aluminum & Copper	Solid Copper	Guy Strand	Length	Handle Color	Weight
63607	336 MCM (170 mm²)	600 MCM (300 mm²)	400 MCM (185 mm²)	—	10-1/4" (260 mm)	yellow	680 g
63800ACSR	477 MCM (273 mm²)	1-1/4" (32 mm)	1" (25 mm)	1/2" (13 mm)	13-3/4" (349 mm)	red	1500 g

All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

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

Cable Cutters

Ratcheting Cutter — Heavy-Duty

- Ratchet-action design provides maximum leverage with minimum effort for heavy-duty use.
- Cuts steel and SWA.
- Forged, heat-treated, shear-type blades, plus plus 17" (432 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, plus a quick-release mechanism allows for removal of the cable or rod before completion of the cut, if desired.
- Not designed for cutting EHS guy strand or reinforcement rod.

63700

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Communications Cable-Cutting Maximum Capacity	Weight
63700	28" (711 mm)	2-1/4" (57 mm) diameter	1-1/4" (32 mm) dia. SWA, ACAR 7/16" (11 mm) dia. common guy strand 5/8" (16 mm) dia. steel wire rope 1/2" (13 mm) dia. steel rod (C.R.S. SOFT) 750 MCM (1-3/8" dia.) (35 mm) copper or aluminum	6.4 kg

Bolt Cutters

Bolt Cutters

- All-purpose, center-cut jaws for soft, medium, and hard metals.
- Forged, alloy tool steel jaws are precision ground for sure, efficient cutting and long life.
- Lockplate reinforcement prevents jaw bolts from loosening or turning, keeps jaws in correct alignment.
- One adjustment realigns cutting edges.
- 3-point toggle joint multiplies 22.7 kg of hand pressure on handles to 4,000 pounds at cutting jaws.

63124

Cat. No.	Handle Type	Overall Length	Soft & Medium Cutting Max. Capacities*	Hard Material Cutting Max. Capacities**	Handle Color	Weight
Steel Handle						
63314	steel	14" (356 mm)	5/16" (8 mm)	3/16" (5 mm)	red	1.4 kg
63318	steel	18" (457 mm)	3/8" (10 mm)	1/4" (6 mm)	red	1.6 kg
63324	steel	24" (610 mm)	7/16" (11 mm)	5/16" (8 mm)	red	2.9 kg
63330	steel	30" (762 mm)	1/2" (13 mm)	3/8" (10 mm)	red	4.6 kg
63336	steel	36" (914 mm)	9/16" (14 mm)	7/16" (11 mm)	red	6.5 kg
63342	steel	42" (1067 mm)	11/16" (18 mm)	1/2" (13 mm)	red	8.7 kg

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

⚠ **WARNING:** NOT for cutting cable.

All dimensions are in inches and (millimeters).
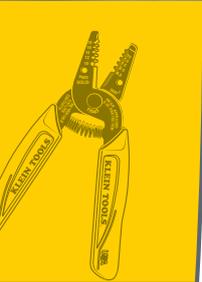
⚠ **WARNING:** Always wear approved eye protection.

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

Strippers, Cutters & Crimpers

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

For Professionals... Since 1857®

Wire Strippers/Cutters

Katapult® USA Wire Stripper

- Quick and easy 0.15 - 4.0 mm² wire stripping
- Grip and strip in a single action, squeezing motion
- Precision machined stripping holes easily remove jacket insulation without damaging the wire
- Remove up to 24 mm in length of the insulation layer (jacket layer) in a single step
- Recoil spring design returns tool to ready position upon cycle completion
- Cast alloy chassis with heavy-duty Ecoat finish for corrosion resistance and durability

11063MET

Cat. No.	Strips	Length
11063MET	0.15 - 4.0 mm² stranded wire	168 mm

All dimensions are in inches and (millimeters).

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

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

⚠WARNING: Always wear approved eye protection.

Self-Adjusting Wire Stripper/Cutter

- Strips 10-20 AWG (5.26-0.52 mm²) solid,
  12-22 AWG (3.31-0.33 mm²) stranded, and 12/2 & 14/2 Romex® wire.
- Adjustable stopper to control the length of the core strip.
- Convenient wire cutter in handle.
- Grooved grips are designed for added comfort.

11061

Cat. No.	Strips / Cuts	Length	Width	Depth	Weight
11061	10-20 AWG (5.26-0.52 mm²) solid 12-22 AWG (3.31-0.33 mm²) stranded 12/2 & 14/2 Romex®	8.25" (210 mm)	3.75" (95 mm)	1.25" (32 mm)	358 g

Romex® is a registered trademark of Southwire Company.

Multi-Cable Cutter KLEIN-KURVE®

- Hardened steel precision-ground cutting blades for long life.
- Copper curved cutter cleanly cuts round copper cable without compression or frayed ends.
- Anvil cutter for solid and stranded copper wire up to 12 AWG and stainless steel up to .032" (.81 mm) diameter.
- Mild steel cutter for conductors up to .080" (2 mm) diameter.
- Curved cutter for solid and stranded copper wire up to 8 AWG, multi-conductor cable up to 1/2" (13 mm) diameter and coaxial cable RG-6 Quad, RG-59, and RG-62.
- Double-dipped grips for comfort.
- Coil spring provides fast self-opening action.
- Holes for looping and bending wire.
- Handy closure lock for convenient storage.

63020

Cat. No.	Overall Length	Screw Shearing	Handle Color	Weight
63020	7" (177 mm)	6-32 & 8-32	red	200 g

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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

Pliers & Wrenches

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

For Professionals . . . Since 1857®

Pump Pliers

Klaw™ Pump Pliers

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

D504-10

Quick-Adjust Pump Pliers:

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

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight
Quick-Adjust Klaw™ Pump Pliers					
D504-10B	10-1/8" (257 mm)	2-1/8" (54 mm)	plastic-dipped	yellow	358 g
D504-12B	12-1/2" (318 mm)	2-3/4" (70 mm)	plastic-dipped	yellow	544 g
Classic Klaw™ Pump Pliers					
D504-7	7-3/8" (187 mm)	1-3/8" (35 mm)	plastic-dipped	yellow	154 g
D504-10	9-7/8" (250 mm)	2-1/8" (54 mm)	plastic-dipped	yellow	367 g

Wrenches

Adjustable Wrenches — High Capacity

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

D507-8

Cat. No.	Handle Finish	Handle Color	Length	Capacity	Weight
507-8	high-polish chrome	–	8-1/8" (206 mm)	1-1/8" (28 mm)	277 g
507-10	high-polish chrome	–	10-1/8" (257 mm)	1-5/16" (33 mm)	445 g
D507-12	plastic dipped	transparent red	12-3/8" (314 mm)	1-1/2" (38 mm)	816 g

Adjustable Wrench — Extra-Wide Jaw

Additional Features:

- Extra wide 1-1/2" (38 mm) jaw provides same capacity as a standard 12" (305 mm) adjustable wrench.
- Forged heat-treated alloy steel for maximum strength and light weight.

D509-8

Cat. No.	Handle Finish	Handle Color	Length	Capacity	Weight
D509-8	plastic dipped	solid blue	8-1/2" (216 mm)	1-1/2" (38 mm)	349 g

All dimensions are in inches and (millimeters).

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

⚠**WARNING:** Do NOT push or hammer wrench.

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

⚠**WARNING:** Do NOT extend handle length.

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®

Utility Knives

Auto Loading Folding Retractable Utility Knife

44130

- Auto-loading blade for faster and safer blade changes.
- High quality triple ground blades stay sharp longer.
- Quick release button for easy blade change.
- Heavy-duty, durable construction.
- Rubber grips on handle for improved control and comfort.
- Internal blade storage holds and includes 3 blades.

Lock release to close knife.

Belt clip

Internal blade storage includes and holds 3 blades.

Cat. No.	Length Closed	Overall Length w/Blade	Weight
44130	4.25" (108 mm)	6.625" (168.3 mm)	213 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.	Dimensions	Weight
44103	4.33" x 2.80" x 1.30" (71 mm x 32 mm x 110 mm)	450 g

All dimensions are in inches and (millimeters).

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

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

> **⚠WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury.

Special-Purpose Knives

Cable-Splicer's Kits

- Cuts cable, telephone wire, and strips insulation.
- Dimensions: 2-1/8" x 7-1/2" (54 mm x 191 mm).

46037

Cat. No.	Kit Contains	Weight
46037	cable splicer's kit	227 g

Cat. No.	Description
44200	cable-splicer's knife
2100-7	electrician's scissors with stripping notches
5187	slotted leather holder for belts up to 2" (51 mm) wide

> **⚠WARNING:** Cable-Splicer Knives NOT insulated. Will NOT protect against electrical shock.

Cable-Splicer's Knife

44200

- Special-purpose short blade with comfortable, full-sized, heavy-duty handle.
- Coping-type blade made of the finest cutlery steel, tough and carefully tempered to hold its edge.
- Handle is textured for comfort and firm grip.
- Hang hole for easy storage and portability.

Cat. No.	Overall Length	Blade Length	Weight
44200	6-1/4" (159 mm)	1-3/4" (44 mm)	68 g

Pocket Knives - Coping Blade

- Coping-type blade.
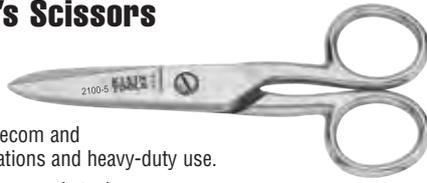- Compact and lightweight.
- Ideal for skinning small wire and cable.

1550-11

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight
1550-11*	carbon steel	2-1/4" (57 mm)	3-1/4" (83 mm)	43 g

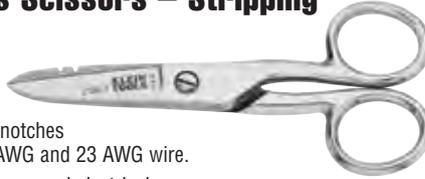*Blade locks open

Electrician's Scissors

Electrician's Scissors

- Designed for telecom and electrical applications and heavy-duty use.
- Strong, tough tempered steel.
- Nickel-plated finish resists corrosion.
- Scraper and file on outside of both blades.

2100-5

Cat. No.	Overall Length	Cutting Length	Weight
2100-5	5-1/4" (133 mm)	1-7/8" (48 mm)	91 g

Electrician's Scissors – Stripping Notches

- Upper blade has notches for stripping 19 AWG and 23 AWG wire.
- Designed for telecom and electrical applications and heavy-duty use.
- Strong, tough tempered steel.
- Nickel-plated finish resists corrosion.
- Scraper and file on outside of both blades.
- Serrated, lower blade reduces slippage.

2100-7

Cat. No.	Overall Length	Cutting Length	Weight
2100-7	5-1/4" (133 mm)	1-7/8" (48 mm)	91 g

Aviation Snips

J1102S

Additional Features:

- J1102S Journeyman snips cut 18 gauge cold rolled steel and 22 gauge stainless steel.

Cat. No.	Cutting Pattern	Snip Type	Cutting Length	Color Code
J1102S	straight/wide curves	aviation	1-1/2" (38 mm)	yellow/black

Overall Length	Cutting Capacity: Cold Rolled/Stainless Steel	Weight
10-1/16" (255 mm)	18 gauge/22 gauge	408 g

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Never use on or near live electrical circuits

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

Industrial High-Leverage Shears

High-Leverage Snip

22000

Large Broad Blade Utility Shear

22002

- Nickel chrome plating resists corrosion and rusting.
- Broad, short jaws provide powerful cutting action (22001, 22002).
- One blade is serrated for non-slip cutting action (22001, 22002).
- Extended handle provides comfort and cutting leverage (22002, 22003).
- High-leverage provides powerful cutting action for light metals, rubber and heavy fabrics (22000, 22003).
- Cuts light wire, fabric, cable and cordage (22001).
- Cuts rubber, cables, light metal, wire metal screens, cordage, plastics and ropes (22002).

Broad Blade Utility Shear

22001

8" (203 mm) High-Leverage Utility Shear

22003

Cat. No.	Overall Length	Cutting Length	Weight
22000	7" (180 mm)	1-3/4" (45 mm)	154 g
22001	8" (203 mm)	2" (51 mm)	249 g
22002	8-1/2" (216 mm)	2" (51 mm)	249 g
22003	9" (229 mm)	3" (76 mm)	222 g

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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

Rubber grips on handle

for improved control and comfort

High quality triple ground blades

stay sharp longer

Heavy-duty

durable construction

Belt Clip

Lock Release
to close knife

TO OPEN STORAGE
SLIDE BLADE FORWARD
AND REMOVE

MAX 5PC

Internal Blade Storage
Includes and holds 3 blades

Blade Release Button

KLEIN TOOLS

2100-5

KLEIN TOOLS

Saws & Blades

Saws and blades from Klein are designed with the professional user in mind, providing superior results with less effort.

Saws & Blades

High-Tension Hack Saw

- Adjustable blade tension up to 30,000 PSI for fast, precise cuts.
- Soft-touch grips.
- Alternative 45 degree mounting for flush cutting.
- Front mount for reciprocating saw blades.
- Blade storage in handle.
- Includes 12" x 24 TPI bi-metal hack saw blade and 6" x 24 TPI bi-metal reciprocating saw blade.

702-12

Cat. No.	Blade Length	Overall Length	Weight
702-12	12" (305 mm)	16-1/4" (413 mm)	658 g

Golden Tri-Cut™ Blades

Blade has three teeth sizes

- Unique design provides three teeth sizes on one blade.
- Has 32 teeth/inch up front for quick starts, 24 teeth/inch in the middle and 18 teeth/inch on the end for fast and smooth conventional cutting.
- Special high-speed steel teeth fused to carbon-steel provide superior cutting action and long life.
- Gold finish.
- Available in box of 100 blades or reclosable, heavy-vinyl, seal-tight pouch of ten blades.

Cat. No.	Pack Size	Teeth Per Inch	Length	Weight Per Pack
1200BI-P	10-pack	32-24-18	12" (305 mm)	204 g
1200BI	100-pack	32-24-18	12" (305 mm)	2 kg

Jab Saw

- Cuts drywall, wallboard, plywood and plastic.
- Triple ground teeth for a fast cut.
- Blade cuts in both directions (push and pull).
- Hardened, carbon-steel blade for durability.
- Hardened, beveled blade point for scoring and plunge cuts.
- Comfort cushion grip with thumb groove.
- Handle structure designed for strength and durability.
- Flat-end grip for palming or punching through drywall.

725

Cat. No.	Blade Length	Overall Length	Weight
725	6" (152 mm)	12" (305 mm)	141 g

⚠**WARNING:** Never use blade as a prying device as blades may break & cause injury.

Measuring Tools & Levels

Quick, easy and accurate measurements can mean the difference between a job well done and one that misses the mark. Klein offers a variety of levels and other measuring devices that will help you measure up to the task.

For Professionals... Since 1857 ®

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

Large, high visibility vials are easy to read.

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

Precision edges for accuracy.

Handy V-grooved edge for pipe and conduit work.

Clean corner access for flush edge measurements.

Non-slip rubber case for comfort.

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

Steel belt clip for convenience.

True zero feature for accurate inside and outside measuring.

Non-marring foot slides for a clean work surface.

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

Tape Measures

Tape Measures – Magnetic

93275

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

Additional Features:

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

Cat. No.	Blade Length	Hook	Weight
93275*	7.5 m (25')	double	426 g

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

Levels

Rare Earth Magnetic Torpedo Level

931-9RE

Additional Features:

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

Cat. No.	Overall Length	Weight
931-9RE	9" (229 mm)	191 g

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

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

⚠**WARNING:** Protect hands when cleaning magnetic tip. Use gloves or cloth.

⚠**WARNING:**

⚠**WARNING:** To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case at full speed.

⚠**WARNING:**

⚠**WARNING:** Do NOT open case. Spring motor is under tension, and opening case may cause injury.

Fish Tapes

Quick, easy and accurate measurements
can mean the difference between a job
well done and one that misses the
mark. Klein offers a variety of
levels and other measuring
devices that will help you
measure up to the task.

For Professionals... Since 1857®

Fish Tapes

Features:

Polypropylene case and handle offer the maximum in impact resistance.

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

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

*except nylon & spiral steel

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

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

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

Fiberglass Fish Tapes

Additional Features:

- Designed for flexibility and easy navigation through conduit runs.
- Non-conductive, fiberglass fish tape slides easily over existing wires and through multiple bends.
- Durable 7" (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.

1' permanent laser etched descending increments.

MADE IN USA

56010

Cat. No.	Tape Size	Reel Diameter	Weight
56009	50' L x 3/16" W (7" leader) (15 m L x 4.8 mm W)	13" (330 mm)	1.3 kg
56010	100' L x 3/16" W (7" leader) (30 m L x 4.8 mm W)	13" (330 mm)	1.6 kg
56014	200' L x 3/16" W (7" leader) (60 m L x 4.8 mm W)	17" (432 mm)	2.8 kg

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

⚠WARNING: Always wear approved eye protection.

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

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

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

Fish Tapes

Non-Conductive Fiberglass Fish Tape

Additional Features:

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

1' permanent laser etched descending increments.

MADE IN USA

56024

Cat. No.	Tape Size	Reel Diameter	Weight
56024	100' L x 3/16" W (30 m L x 4.8 mm W)	13" (330 mm)	1.3 kg
Replacement Parts			
56025	non-conductive fiberglass fish tape repair kit		14 g

56025

Nylon Fish Tapes

Additional Features:

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

MADE IN USA

Cat. No.	Tape Size	Reel Diameter	Weight
56011	50' L x 3/16" W (15 m L x 4.8 mm W)	13" (330 mm)	1 kg
56012	100' L x 3/16" W (30 m L x 4.8 mm W)	13" (330 mm)	1.4 kg

56012

Spiral Steel Fish Tapes

Additional Features:

- Designed for super flexibility and easy navigation through conduit runs.
- Slides easily over existing wires and through multiple bends.
- The durable spiral steel tape construction yields a maximum pulling force of up to 227 kg.

MADE IN USA

Cat. No.	Tape Size	Reel Diameter	Weight
56013	50' L x 3/16" W (15 m L x 4.8 mm W)	13" (330 mm)	2.3 kg

56013

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

⚠WARNING: Always wear approved eye protection.

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

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

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

Fish Tapes

1/4" (6.3mm) Wide Steel Fish Tapes

Additional Features:

- Tempered, high quality tape keeps its stability as it glides between surfaces for effective pushing and pulling of wire under carpets, through insulated walls and over suspended ceilings.

- 25' length with no snag tip, is perfect for short wire runs associated with light commercial, residential and voice-data-video-audio installations (Cat. No. 56005).

- Tapered head makes this perfect for getting behind plaster board and dot and dab walls.

56005 has a no snag plastic tip

1' permanent laser etched descending increments.

56005

Cat. No.	Tape Size	Reel Diameter	Weight
56005	25' L x 1/4" W x .030" H (7 m L x 6.3 mm W x .7 mm H)	7" (178 mm)	499 g
56006	100' L x 1/4" W x .062" H (30 m L x 6.3 mm W x 1.5 mm H)	13" (330 mm)	3.1 kg

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

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

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

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

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

Electrical Test & Measurement

Crafted for optimum durability, reliability and functionality, our innovative line of test and measurement equipment is engineered with the user in mind. Designed for, and by electricians, our electrical testers provide the latest in innovative, time-saving features that professionals require.

For Professionals... Since 1857®

Multimeters

Professional Series Multimeters

- Measures continuity, resistance and voltage.
- Data Hold feature saves measurement for later viewing.
- Audible continuity indicator.
- Lead storage.

Measurement		MM500A Auto Ranging Multimeter	MM2300A Electrician's / HVAC TRMS Multimeter	MM1300A Electrician's / HVAC Multimeter
AC Current	$\widetilde{A}$	—	10A	10A
DC Current	$\overline{A}$	—	10A	10A
AC Voltage	$\widetilde{V}$	750V	1000V	1000V
DC Voltage	$\overline{V}$	750V	1000V	1000V
Audible Continuity	○)))	●	●	●
Resistance Range	Ω	4000Ω	60MΩ	60MΩ
Battery Test	TEST	—	—	●
Data Hold	HOLD	—	●	●
Diode Test	▶|⊢	—	●	●
Protective Boot		—	●	●
Lead Storage		●	●	●
Auto Power Off	Apo	●	●	●
Back Light	☼	●	●	●
Auto Ranging	AUTO	●	●	●
Temperature	°F °C	—	-58~1832°F -50~1000°C	-58~1832°F -50~1000°C
uA Setting	$\widetilde{\mu A}$	—	●	●
Capacitance	⊣⊢	—	6000µF	6000µF
Range Hold	RANGE	—	●	●
Frequency	Hz	—	499.9kHz	499.9kHz
Max/Min	MAX/MIN	—	●	●
Duty Cycle	%	—	●	●
Relative Reading	Δ	—	●	●
Optional Hanger Kit		—	●	●
Bar Graph		—	●	●
Lead Warning		—	●	●
Auto Hold	A-HOLD	●	●	●
True RMS	TRMS	—	●	—
Low Impedance	LOW Z	—	●	—
Ingress Protection		IP67	IP20	IP20
Drop Protection		3m (10 ft)	2m (6 ft)	2m (6 ft)
Safety Rating	⚠	CAT IV 600V	CAT IV 600V	CAT IV 600V
Basic DC Accuracy		±0.5%	±0.5%	±0.5%
Counts	00.00	4000	6000	6000
Listings		c(UL)us LISTED CE	c(UL)us LISTED CE	c(UL)us LISTED CE
		45ZK	45ZK	45ZK

All dimensions are in inches and (millimeters).

Multimeters

Multimeter Specifications

Cat. No.	CAT Rating	Batteries	Height	Width	Depth	Weight	Included Accessories
MM500A	**CAT IV 600V**	2 x AAA	5.75" (146 mm)	2.75" (70 mm)	1.75" (45 mm)	8.0 oz. (227 g)	test leads
MM2300A	**CAT IV 600V**	2 x AAA	7.00" (178 mm)	3.50" (89 mm)	1.875" (48 mm)	14.0 oz. (397 g)	test leads, thermocouple, case
MM1300A	**CAT IV 600V**	2 x AAA	7.00" (178 mm)	3.50" (89 mm)	1.875" (48 mm)	14.0 oz. (397 g)	test leads, thermocouple, case

Multimeter Replacement Fuses

69192

Cat. No.	For Use With	Fuse Type
69191	MM2300A	F 11A / 1000V
69192	MM2300A	F 440mA / 1000V

⚠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.

All dimensions are in inches and (millimeters).

Clamp Meters

Professional Series
Clamp Meters

- Large jaw sizes.
- Worklights illuminate dark work spaces.
- Data hold captures measurements in any situation.
- Audible Continuity.
- Diode test.
- Data hold.
- Loud continuity buzzer.
- Backlit display.
- Work light stays illuminated through all selections.
- Low battery and auto power off.

Measurement		CL200A 600A AC Clamp Meter w/ Temp	CL1300A 600A AC Clamp Meter w/ Temp	CL2300A 600A AC/DC TRMS Clamp Meter w/ Temp
AC Current	$\widetilde{A}$	600A	600A	600A
DC Current	$\overline{\overline{A}}$	—	—	600A
AC Voltage	$\widetilde{V}$	600V	750V	750V
DC Voltage	$\overline{\overline{V}}$	600V	1000V	1000V
Audible Continuity	○)))	●	●	●
Resistance Range	Ω	40MΩ	60MΩ	60MΩ
Data Hold	HOLD	●	●	●
Auto Power Off	Apo	●	●	●
Diode Test	▶⊢	●	●	●
Back Light	☼	●	●	●
Work/Clamp Light	🔦	●	●	●
Frequency	Hz	100kHz	499.9kHz	499.9kHz
Capacitance	⊣⊢	100µF	6000µF	6000µF
Duty Cycle	%	●	●	●
Temperature	°F °C	-4~1832°F -20~1000°C	-22~752°F -30~1000°C	-22~752°F -30~400°C
Non-Contact Voltage Test	NCV	—	●	●
Max/Min	MAX/MIN	—	●	●
µA Setting	$\widetilde{\overline{µA}}$	●	●	●
Rel/Zero	△	—	●	●
Magnetic Mount	🧲	—	●	●
Bar Graph	⎸⎥⎥⎥⎥⎸	—	●	●
True RMS	TRMS	—	—	●
Low Impedance	LOW Z	—	—	—
Ingress Protection	▦💧	—	IP42	IP42
Drop Protection	🖐	1m (3 ft)	2m (6 ft)	2m (6 ft)
Safety Rating	⚠	CAT III 600V	CAT IV 600V	CAT IV 600V
Counts	00.00	4000	6000	6000
Listings		ETL LISTED CE 3194551	c UL us LISTED CE 45ZK	c UL us LISTED CE 45ZK

All dimensions are in inches and (millimeters).

Clamp Meters

Clamp Meter Specifications

Cat. No.	CAT Rating	Batteries	Jaw Size	Height	Width	Depth	Weight	Included Accessories
CL200A	**CAT III 600V**	3 x AAA	1.0" (25 mm)	8.2" (208 mm)	3.0" (76 mm)	1.4" (36 mm)	10.0 oz. (283 g)	test leads, case, thermocouple
CL1300A	**CAT IV 600V**	2 x AAA	1.25" (32 mm)	7.65" (194 mm)	2.56" (65 mm)	1.38" (35 mm)	11.9 oz. (337 g)	test leads, case, thermocouple
CL2300A	**CAT IV 600V**	2 x AAA	1.25" (32 mm)	7.65" (194 mm)	2.56" (65 mm)	1.38" (35 mm)	11.9 oz. (337 g)	test leads, case, thermocouple

⚠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.

All dimensions are in inches and (millimeters).

Electrical Testers

Non-Contact Voltage Testers (NCVT-1/NCVT-2)

CAT IV

- Non-contact detection of standard voltage in cables, cords, circuit breakers, lighting fixtures, switches, outlets, and wires.
- High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace.
- Digitally controlled ON/OFF power button.
- Auto power-off feature conserves and extends battery life.
- Microprocessor controlled low-battery indicator.
- CAT IV 1000 Volt rating provides expanded operation and protection.
- Lightweight, durable polycarbonate plastic resin construction with a convenient pocket-clip.
- Package contains insert card w/ integrated owner's manual and two AAA 1.5 volt batteries.

NCVT-1

Additional Features for Dual Range NCVT-2

- Automatically detects and indicates low voltage (12-48 Volts AC) and standard voltage (48-1000 Volts AC), allowing broad application.
- Non-contact detection of low-voltage in security, entertainment, communications, environmental control, and irrigation systems.

Voltage Range	12 TO 48 VOLTS AC (Low) (NCVT-2 only)	48 TO 1000 VOLTS AC (Standard)
Audible	low-pitched pulsing beeping sound	high-pitched continuous beeping sound
Visual	blue LED turns off and red LED blinks (approximately 2-times per second).	green LED turns off and red LED illuminates continuously.

CAT IV

NCVT-2

c(UL)us LISTED

3TMV

Cat. No.	Voltage Range	Frequency Range	Pollution Degree	Batteries	Overall Length	Width	Height	Weight (oz.)	Weight w/ Batteries (oz.)
NCVT-1	48-1000 volts AC	50-500 Hz	2	2 x AAA	5.50" (140 mm)	0.72" (18 mm)	1.0" (25 mm)	0.8 oz. (23 g)	1.6 (46 g)
NCVT-2	12-1000 volts AC	50-500 Hz	2	2 x AAA	5.50" (140 mm)	0.72" (18 mm)	1.0" (25 mm)	0.8 oz. (23 g)	1.6 (46 g)

⚠WARNINGS:
- It is important that users of this tester read, understand, and follow all warnings, cautions, safety information, and instructions in the manual before operating or servicing this tester. Failure to follow instructions could result in death or serious injury.
- Risk of electric shock and burn. Contact with live circuits could result in death or serious injury.
- Use caution with voltages above 30V AC as a shock hazard may exist.
- A blinking or steady red glow and an audible beep indicate voltage present. If no indication, voltage could still be present.
- In bright light conditions, the LED visual indicators will be less visible.
- Do not use if green LED is not illuminated.

⚠WARNINGS:
- Do not use if tester appears damaged or if the tester is not operating properly. If in doubt, replace the tester.
- Do not apply more than the rated voltage as marked on the tester (1000 volts AC).
- Always wear approved eye protection.
- Before each use, verify operation by testing a known working circuit that is within the rating of this tester.
- Do not rely on this tester with shielded wire. Operation may be affected by differences in socket design and insulation thickness and type.
- Comply with local and national safety requirements.
- If this tester is used in a manner not specified by the manufacturer, protection provided by the tester may be affected.
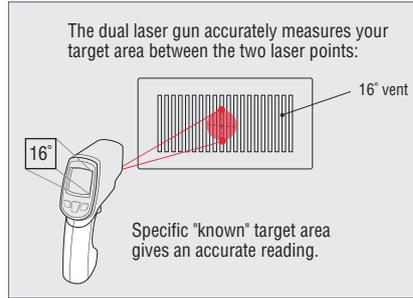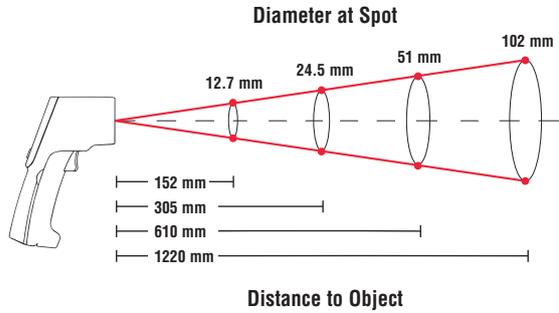
⚠CAUTION: Do not attempt to repair this tester. It contains no serviceable parts. Do not expose the product to extremes in temperature or high humidity.

All dimensions are in inches and (millimeters).

Thermometers

12:1 Dual Laser Infrared Thermometer

- Backlit display.
- Dual laser targeting.
- Fahrenheit or Celsius button.
- K-Type thermocouple input.
- 12:1 spot ratio.

- -60° to 550°C measurement range.
- Auto shut off.
- High/Low alarm.
- Auto-scan.
- Work light.

Diameter at Spot

12.7 mm 24.5 mm 51 mm 102 mm

152 mm
305 mm
610 mm
1220 mm

Distance to Object

The dual laser gun accurately measures your target area between the two laser points:

16°

16° vent

Specific "known" target area gives an accurate reading.

IR2000A

CE

Cat. No.	Batteries	Height	Width	Depth	Weight
IR2000A	2 x AAA	6.76" (172 mm)	1.87" (47 mm)	4.7" (119 mm)	9.0 oz. (255 g)

IP67 Rating

Dust and waterproof

Automatically detects AC or DC voltage

Visual and audible continuity indicator

User-friendly three button design

Auto-Hold captures the first stable displayed value

The **Klein Tools Auto Ranging Multimeter** measures AC/DC voltage, resistance and continuity. It's easy-to-use functionality and durability saves time and handles the toughest of jobsite environments.

Voice/Data/Video Tools, Testers & Connectors

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

For Professionals... Since 1857®

40

Strippers

Coax Combination Radial Stripper – 2-Level

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

VDV110-095

Cat. No.	Color	Levels	Strip Dimensions	Prepared Cable	Overall Length	Weight
VDV110-095	yellow/gray	2	5/16" and 1/4" (7.9 mm and 6.4 mm)		5.25" (133 mm)	43 g

Coax Connector Crimp Tools

Compression Crimper – Lateral, Multi Connector

- One tool crimps most connectors to most coaxial cables – Minicoax, RG58, RG59, RG62, RG6, RG7, and RG11.
- Unique cable selection wheel eliminates the need to change plunger tips, saving time and not losing parts.
- Heavy-duty zinc die-cast chassis for durable, long lasting performance.
- Open design with 180° capture mechanism provides easy insertion, complete compression and simple removal.
- F/BNC/RCA connector markings for quick adjustments.
- Integrated handle lock for easy storage.
- Spring loaded return increases user comfort and ease of use.
- Yellow and black contoured grips enhance comfort, visibility and allow quick identification.

VDV211-063

Connector markings for quick adjustments.

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

Compression Crimper – Compact, Multi-Connector

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

VDV211-048

Connector markings for quick adjustments.

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

All dimensions are in inches and (millimeters).

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

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

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

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

Twisted Pair Crimp/Strip Tools

Compact Ratcheting Modular Crimper

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

VDV226-107

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

Punchdown Tools & Accessories

Punchdown Multi-Tool with 1110/66 Blade

- Patent pending locking impact mechanism allows non-impact operation and sure driving with a variety of optional WorkEnds™ driver bits.
- Terminate and cut wire in one step with included precision ground combination 66 & 110 blade.
- Integrated Hook and Spudger for fast, easy manipulation of wire and small components.
- Selectable (Hi/Low) impact-force settings meet industry standards.
- Spring loaded for fast, low effort seating and terminating.
- Dual material contoured chassis provides greater control and enhances comfort.
- Blade storage compartment with spring loaded locking mechanism.
- Color coded yellow on the cut side of the tool.
- Hook and Spudger neatly and compactly store in the chassis, out of the way when not in use.
- Induction hardened high-carbon steel for durability and long life.
- Cat. No. VDV427-807 Includes WorkEnds™ Kit with WorkEnds™ adapter, reach extension, and 4 driver bits (#1 and #2 Phillips and 3/16" and 1/4" Slotted) in a convenient carrier.
- Replacement blades/accessories available.

VDV427-806

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

Cat. No.	Color	Description	Blade Configuration End 1	Blade Configuration End 2
VDV427-047	yellow/red/black	punchdown multi-tool chassis	–	–
VDV427-017	black	punchdown tool blade - combination 66/110 cut type	110 terminate & cut	66 terminate & cut

All dimensions are in inches and (millimeters).

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

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

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

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

Punchdown Tools & Accessories

Punchdown Screwdriver Multi-Tool

- Terminate and cut wire in one step with included 110/66 combination cut-type punchdown blade with precision ground cutting edge.
- Non-impact wire termination.
- Machine-tooled steel bits for superior strength.
- Heavy-duty blade barrel provides storage for bits.
- Bayonet-style (twist & lock) socket accepts most manufacturers' punchdown blades.
- Cushion-Grip handle for greater torque and enhanced comfort.
- Tip-Ident® for quick identification of tool.

VDV001-081

3/16" 1/4" #1 #2 1/4" 3/8" 3/8"
4.7mm 6.3mm 6.3mm 9.5mm 9.5mm

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

Cushion-Grip Impact Punchdown Tools – 110/66

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

VDV327-103

VDV427-822

VDV427-821

Cat. No.	Description		Overall Length	Weight
VDV427-822	cushion-grip impact punchdown tool kit – 110/66		9.125" (232 mm)	14.9 oz. (422 g)

Kit Contains		End 1 Configuration	End 2 Configuration	
VDV427-821*	cushion-grip impact punchdown tool with Dura-Blade™	110 terminate & cut	66 terminate & cut	
VDV327-103*	wire pick	hook	spudger	*Items also sold separately
kit exclusive	multi-pocket pouch with reinforced puncture-resistant bottom	-	-	

All dimensions are in inches and (millimeters).

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

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

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

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

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

Coax Cable Connectors

Klein Tools' Universal Compression Connector

Standard Compression Connector

Installs up to 5x faster!
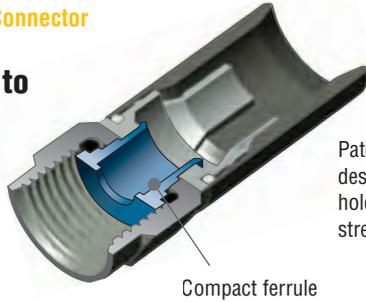
Patented universal sleeve design provides excellent holding power and signal strength.

Full ferrule

Compact ferrule

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

Universal Compression Connectors

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

Cat. No.	Connector Type	Cable Type	Pack Qty.
VDV812-615	F-Connector	RG59	10
VDV812-606	F-Connector	RG6	10
VDV813-616	BNC Connector	RG59	10
VDV813-607	BNC Connector	RG6	10
VDV813-617	RCA Connector	RG59	10
VDV813-608	RCA Connector	RG6	10

F • RG59

VDV812-615

BNC • RG59

VDV813-616

RCA • RG59

VDV813-617

Standard Compression Connectors

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

VDV812-623

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

Push-On Connectors

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

VDV812-626

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

Twisted Pair Connectors

Klein's data and telephone plugs are professional-grade and deliver consistent, reliable performance.
They feature thick 50 micro-inch gold plating on the contact plates, three-pronged solid and stranded wire contacts, and durable connector housings.
Expect a sure connection each and every time.

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

RJ45 Modular Data Plugs

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

VDV826-628
(CAT 5 / CAT 5e)

VDV826-603
(CAT 6)

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

RJ45 Strain Relief Boot

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

VDV824-632

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

RJ11 Telephone Plugs

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

6P4C

6P6C

VDV826-600

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

Insulation Displacement Connectors

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

VDV826-604
(26-22 AWG)

VDV826-605
(26-19 AWG)

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

Voice/Data/Video Tool Kits

Coax Push-On Connector
Installation & Test Kit

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

Cat. No.	Set Contains		Weight
VDV002-820			127 g
	Cat. No.	**Description**	
	VDV110-061	coax cable stripper 2-level, radial	
	VDV512-057	Coax Explorer™ tester	
	VDV812-627	push-on F-Connectors - RG6/RG6-QS (10 pack)	

VDV002-820

VOICE/DATA/VIDEO TOOLS

- Compact, ergonomic design for natural, single-hand operation.

- About 40% smaller than other crimpers for easy storage.

- Comprehensive range created to **PREPARE**, **CONNECT** and **TEST**.

KLEIN TOOLS
For Professionals... Since 1857®

www.kleintools.co.uk

All dimensions are in inches and (millimeters).

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

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

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

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

Voice/Data/Video Test & Measurement

VDV Commander™

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

VDV501-828

VDV501-829

CE

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

Features	Includes
Link Light	●
ID Cable Identification	up to 20
Shield Detection	●
Voltage Warning	●
Low Battery Indicator	●
Store Test Results	256
Print Custom Reports	●
Multiple-style Tone Generator* — Down to Single Conductor/Pair/Cable	4
Color LCD Display	69 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)	●

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

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

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

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

All dimensions are in inches and (millimeters).

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

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

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

Voice/Data/Video Test & Measurement

LAN Scout® Jr. Tester

- Tests continuity on twisted pair data wiring (RJ45) connections.
- Integrated tone generator supports multiple tones and control of pins carrying tone.
- Heavy-duty ports are designed for long life and repeated connections.
- Compact, contoured dual-material chassis fits comfortably in your hand.

RJ45 Port

Self Storing Remote

CE

VDV526-052

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

Features	VDV526-052
RJ45 8-wire Cables	●
Continuity Testing	●
Pass TIA-568A/B & Crossover/Uplink	●
LCd LCD Display	●
Wiremap	●
Open Fault	●
Short Fault	●
Miswire Fault	●
Split Pair Fault	●
Multiple Style Tone Generator, 4 cadence	●
Apo Auto Power Off	●
Low Battery	●
Voltage Warning	●
Shield Detection	●
Self-Storing Remote	●

VDV Scout® Pro2 Tester 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)

VDV501-823

CE

Top View: RJ45, RJ11/12 and F-connector ports

VDV501-823 Self Storing Remote

Features	VDV501-823
Tests RJ45 8-wire cables	●
Tests RJ11/12 6-wire cables	●
Tests F-connector coaxial cables	●
Continuity testing	●
Pass TIA-568A/B & crossover/uplink	●
Wiremap	●
Detects open faults	●
Detects short faults	●
Detects miswires	●
Detects split pairs	●
Measures cable length	—
Supports up to 8 Test-n-Map™ Remotes	●
ID Supports up to 19 twisted-pair (RJ45) cable ID location remotes	●
Supports up to 19 coaxial F-connector cable ID location remotes	●
Multiple-style Tone Generator	4 Tones
Low battery indicator	●
Voltage warning	●
Shield detection	●
Apo Auto power off	●

● Requires analog tone probe — sold separately

All dimensions are in inches and (millimeters).

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

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

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

Voice/Data/Video Tools Testers & Connectors

Voice/Data/Video Test & Measurement

TraceAll™ Tone & Probe

- Trace wire paths and identify cables in common wiring systems.
- Heavy-duty RJ11 jack on tone generator for long life and repeated connections.
- Includes RJ11 adapter to convert tone generator to an alligator-clip configuration.
- Dual material chassis fits comfortably in your hand.
- Replacement tips available (Cat. No. VDV999-059).

Features	VDV526-054
Adjustable Volume	●
Tone Generator, 2 Cadence	●
Self-Storing Remote	●
Replaceable Tip	●
Apo Auto Power-Off	●

VDV526-054

Self Storing Remote   Adapter

Cat. No.	Batteries	Height	Width	Depth	Weight	Included Accessories
VDV526-054	6V – 4 x LR44 alkaline included	8.9" (226 mm)	1.7" (43 mm)	1.2" (31 mm)	5.0 (140 g)	RJ11 to alligator clip adapter, batteries

TONEcube & PROBEplus Kit

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

Kit includes:

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

Cat. No.	Set Contains:	Weight
VDV500-808	VDV500-051, VDV500-060, nylon pouch	16.0 oz. (454 g) with batteries

VDV500-808

All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

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

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

Tool Pouches, Carriers, Belts & Braces

Just as Klein offers a variety of tools designed for specific needs, Klein offers a variety of tool pouches, carriers, belts, and braces that suit virtually every preference and need.

For Professionals... Since 1857 ®

Tradesman Pro™

Tradesman Pro™ Organizer – Electrician's Tool Belt

55427

Exclusive drill bit pocket

- 26 pockets for easy tool storage.
- Wide open pockets for tools, drills and spare parts.
- Removable pouches allow you to carry only the tools needed.
- Exclusive drill bit pocket.
- Handles for easy carrying.
- Loop tape measure holder.
- Padded belt with mesh interior is breathable and comfortable.
- Rugged leather belt ends.
- Attachments for Tradesman Pro™ padded braces (Cat. No. 55400).

Cat. No.	Size	Weight
55427	31" – 34" (787 mm – 864 mm)	1.9 kg
55428	35" – 39" (889 mm – 991 mm)	1.9 kg
55429	40" – 44" (1016 mm – 1118 mm)	2 kg

Tradesman Pro™ Padded Braces

- Made of tear resistant Cordura®.
- Fully adjustable.
- Durable nylon web straps for long wear.
- Heavy duty padding for comfort.
- Easy snap hook fastening system.
- Designed for use with Tradesman Pro™ Organizer electrician's tool belt (Cat. Nos. 55427, 55428, 55429).

Cat. No.	Size	Weight
55400	one size fits most	381 g

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

55400

Tool Pouches, Carriers,
Belts & Braces

All dimensions are in inches and (millimeters).

Tradesman Pro™

Tradesman Pro™ Mobile Phone Holders

- Cat No. 55460 Fits iPhone® 4 and 5, and similar sized phones.
- Cat No. 55461 Fits Samsung Galaxy S® 3 and 4, and similar sized phones.
- Metal clip for attaching to belts up to 2" (51mm) wide.
- Magnetic flap closure.
- Constructed of 1680D ballistic weave.

Cat. No.	Width	Height	Depth	Weight
55460	3.00" (76 mm)	5.75" (146 mm)	1.50" (38 mm)	100 g
55461	3.25" (84 mm)	5.875" (149 mm)	1.50" (38 mm)	118 g

iPhone® is a registered trademark of Apple, Inc.
Galaxy S® is a registered trademars of Samsung Electronics Co., Ltd.

55460

Tradesman Pro™ Carrying Cases

- Two layers of padding protect even delicate instruments.
- Heavy-duty zipper and rugged PVC coated polyester for durability.
- One interior and one exterior pocket for quick access and organization.
- Sturdy handle with box stitching for secure transportation and convenient hanging. Constructed of 1680d ballistic weave.
- Cat. Nos. 69406 and 69407 recommended for meters, testers, infrared guns and small tools.
- Cat. No. 69408 is recommended for meters, testers, borescopes, infrared guns and tools.

Cat. No.	Pockets	Width	Height	Depth	Weight
69406	1	4.50" (114 mm)	9.25" (235 mm)	2.25" (57 mm)	172 g
69407	2	6.00" (152 mm)	10.25" (260 mm)	2.25" (57 mm)	240 g
69408	2	7.00" (178 mm)	10.25" (260 mm)	2.25" (57 mm)	299 g

69406

69407

69408

All dimensions are in inches and (millimeters).

PowerLine™ Series

Features:

Constructed of double layered 1000 denier Cordura® Nylon.

Double nylon-stitched and rivet reinforced for extra durability.

Lightweight and comfortable in warm climates, soft and pliable in cold climates.

Oversized pockets and reinforced bottom for extra carrying capacity, as well as durability.

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

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

Tool Pouches

5700

5701

5702

5703

Cat. No.	Pockets (Total Number)	Overall Size	Weight
5700	9	11" x 12" (279 mm x 305 mm)	417 g
5701	8	11" x 12" (279 mm x 305 mm)	376 g
5702	2	11" x 12" (279 mm x 305 mm)	290 g
5703	3	11" x 12" (279 mm x 305 mm)	340 g
5718	8	11" x 12" (279 mm x 305 mm)	336 g
5719	18	11" x 12" (279 mm x 305 mm)	395 g

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

5718

5719

Tool Pouches, Carriers, Belts & Braces

All dimensions are in inches and (millimeters).

Tool Bags & 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®

Electrician's Bags

Tradesman Pro™ Organizer – Rolling Tool Bag

- Rugged 150mm wheels easily handle rough terrain.
- Load tested up to 91 kg.
- Top has reinforced metal frame that stays open for easy loading/unloading.
- Heavy-duty telescoping handle.
- Withstands cold conditions.
- Orange interior for easy tool visibility.

Cat. No.	Length	Width	Height	Pockets	Weight
55452RTB	19" (483 mm)	12-1/2" (318 mm)	14" (356 mm)	24	8.6 kg

Molded kick plate to protect from the elements.

Wide open interior to accommodate large tools.

55452RTB

Tradesman Pro™ Organizer – Hacksaw Electrician's Bag

- Fits standard hacksaws up to 420mm.
- Tough, durable molded bottom can withstand cold conditions.
- 1680D ballistic weave for durability.
- Orange interior for easy tool visibility.

Cat. No.	Length	Width	Height	Pockets	Weight
55453HSB	17-3/4" (451 mm)	13-1/2" (368 mm)	14-1/2" (368 mm)	48	3.7 kg

Top-loading hacksaw pocket with protective plastic lining.

54453HSB

Tradesman Pro™ Organizer – Attachable Hacksaw Holder

- Quick link for attaching to tool bags.
- Fits standard hacksaws up to 419mm.
- Protective plastic lined interior.
- Top-loading for easy access to hacksaw.
- Web strap with snap closure keeps hacksaw secure.
- 1680D ballistic weave for durability.

Cat. No.	Length	Width	Height	Weight
55454DHB	17" (432 mm)	1-1/2" (38 mm)	8-3/8" (213 mm)	567 g

55454DHB

All dimensions are in inches and (millimeters).

Electrician's Bags

Tradesman Pro™ Organizer – Tech Backpack

- Storage for adapters and cables.
- Organizer pocket for pens, phone, cables, and more.
- 25 pockets for tons of tool storage.
- Tough, durable molded bottom protects from the elements.
- Hard, molded front pocket protects safety glasses.
- 1680D ballistic weave for durability.

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
55456BPL	14" (355.6 mm)	7" (177.8 mm)	18" (457.2 mm)	34	5	2.4 kg

Separate compartment keeps laptop protected from other tools.

Orange interior to find tools faster.

55456BPL

Tradesman Pro™ Organizer – Tech Bag

- Inside pocket for adapters and cables.
- Zipper pocket for files and paperwork.
- 22 pockets for plenty of tool storage.
- Rubber feet and water resistant material on bottom protects from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handles for easy carrying.

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
55455M	19" (444.5 mm)	6.5" (254 mm)	16" (355.6 mm)	2	53	4 kg

Separate compartment keeps laptop protected from other tools.

Orange interior to find tools faster.

55455M

All dimensions are in inches and (millimeters).

Electrician's Bags

Tradesman Pro™ Organizer – Electrician's Backpack

- 39 pockets for tons of tool storage.
- Orange interior for easy tool visibility.
- Wide opening fits power drills, meters, flashlights, etc.
- Tough, durable bottom protects from the elements.
- Large front pocket easily fits cables and tools.
- 1680D ballistic weave for durability.

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
55421-BP	14" (355.6 mm)	7" (177.8 mm)	18" (457.2 mm)	34	5	2.4 kg

Large front pocket easily fits fish tapes or tools and cables.

55421-BP

Tradesman Pro™ Organizer – Ultimate Electrician's Bag

- 55 pockets for ultimate tool organization.
- Orange interior for easy tool visibility.
- Wide opening fits power drills, meters, laptops, etc.
- Tough, durable molded bottom protects from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handles for easy carrying.

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
55418-19	19" (444.5 mm)	6.5" (254 mm)	16" (355.6 mm)	53	2	4 kg

55418-19

Tradesman Pro™ Organizer – Extreme Electrician's Bag

- 78 pockets for extreme tool storage.
- Orange interior for easy tool visibility.
- Wide center with removable pockets for easy access to tools.
- Tough, durable molded bottom protects from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handles for easy carrying.

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
55417-18	17.5" (482.6 mm)	10" (165.1 mm)	14" (406.4 mm)	53	25	4 kg

55417-18

All dimensions are in inches and (millimeters).

Electrician's Bags

Tradesman Pro™ Organizer – Shoulder Pouch

- 16 pockets for better tool storage.
- Orange interior for easy tool visibility.
- Tough, durable rubber feet protect from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handle for easy carrying.

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
55419-SP	8" (203.2 mm)	5" (127 mm)	10" (254 mm)	9	7	998 g

Rubber feet protect the bottom surface from the elements.

55419-SP

Tradesman Pro™ Organizer – 200mm Tote

- 20 pockets for greater tool storage.
- Orange interior for easy tool visibility.
- Removable zipper bag designed to fit compartment underneath.
- Tough, durable feet protect from the elements.
- 1680D ballistic weave for durability.
- Handle for easy carrying.

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
55415-8	8" (203.2 mm)	8" (203.2 mm)	17" (431.8 mm)	9	11	2.2 kg

Removable zipper bag designed to fit compartment underneath.

55415-8

Tradesman Pro™ Organizer – 250mm Tote

- 40 pockets for maximum tool storage.
- Orange interior for easy tool visibility.
- Removable zipper bag designed to fit compartment underneath.
- Tough, durable feet protect from the elements.
- 1680D ballistic weave for durability.
- Shoulder strap and handles for easy carrying.

Cat. No.	Length	Width	Height	Interior Pockets	Exterior Pockets	Weight
55416-10	10" (254 mm)	10" (254 mm)	12" (304.8 mm)	18	22	2.3 kg

Removable zipper bag designed to fit compartment underneath.

55416-10

All dimensions are in inches and (millimeters).

Tool Bags

Tradesman Pro™ Organizer – Lighted Tool Bag

- Twist on/twist off removable LED light can be positioned to illuminate inside the bag or the workspace.
- 31 pockets for maximum tool storage.
- Fully molded bottom protects from the elements.
- Orange interior for easy tool visibility.
- 1680D ballistic weave for durability.

Cat. No.	Length	Width	Height	Total Pockets	Weight
55431	15.25" (388 mm)	8" (203 mm)	14" (356 mm)	31	2.25 kg

55431

Tradesman Pro™ Organizer – 17" Tool Tote with Cover

- 17 pockets for tons of tool storage.
- Attached cover protects tools.
- Movable metal handle bar with rubber grip.
- Wide open section for drills and zipper bags.
- Fully molded bottom protects from the elements.
- Orange interior for easy tool visibility.
- 1680D ballistic weave for durability.
- Shoulder strap for easy carrying.

Cat. No.	Length	Width	Height	Total Pockets	Weight
55432	19.75" (502 mm)	10.25" (260 mm)	13" (330 mm)	17	4.67 kg

55432

Padded Cordura® Zipper Bag

- Constructed of Cordura®, a high performance fabric resistant to abrasions, tears, and scuffs.
- Three-layer padding provides additional protection to contents.
- Heavy-duty nylon zipper.
- Overall size: 12-1/2" (318 mm) x 7" (178 mm).

Cat. No.	Material	Length	Height	Color	Weight
5139PAD	Cordura® Ballistic Nylon	12 -1/2" (318 mm)	7" (178 mm)	black	127 g
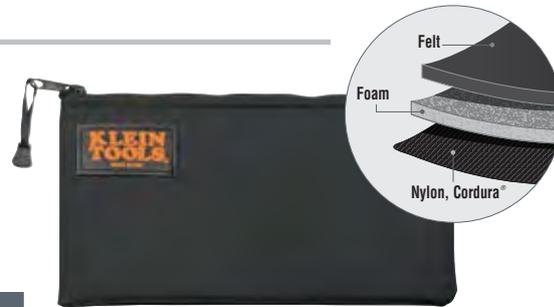
Cordura® is a registered trademark of INVISTA for durable fabrics.

5139PAD

Zipper Bags – Canvas, 4-Pack

- Includes four assorted colors to organize and categorize important tools.
- Constructed of No. 10 canvas with heavy-duty brass zipper.

Cat No.	Description	Weight
5140	4 zipper bags - olive, orange, royal blue, yellow	363 g
5141	4 zipper bags - brown, black, gray, red	363 g

5140

5141

- Convenient storage for pliers, wrenches, screwdrivers, nut drivers, other tools and spare parts.
- Overall size: 12-1/2" (318 mm) long x 7" (178 mm) high.

All dimensions are in inches and (millimeters).

Alphabetical Index

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