

KLEIN[®] TOOLS



For Professionals... Since 1857™



2017 catalogue

www.kleintools.com.au

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Klein Tools was founded in 1857 by an industrious German immigrant, Mathias Klein, who entered 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.

160 years and six generations later, the Klein family continues supplying only the finest quality products for users of professional hand tools, Test and Measurement and occupational protective equipment.



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.

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.***



Introduction

Dimensions

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

A – Overall Length

B – Jaw Length

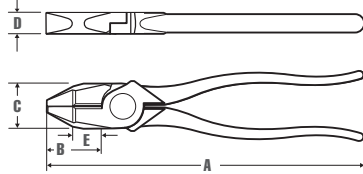
C – Jaw Width

D – Jaw Thickness

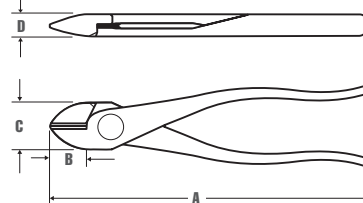
E – Knife Length

F – Point Thickness

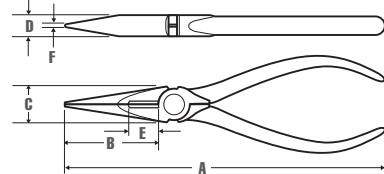
Side-Cutting Pliers



Diagonal-Cutting Pliers



Long-Nose Pliers



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

FORGED STEEL

from Klein's US-made, proprietary blend

"Handform" handles for full gripping and cutting power

Plastic-dipped handles† for comfort and ease of identification

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

Hot-riveted joint ensures smooth action and no handle wobble

Induction hardened cutting knives for long life

Sure-gripping cross-hatched knurled jaws

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

2000 SERIES

Cut ACSR, screws, nails and most hardened wire

JOURNEYMAN

†Journeyman™ pliers available that feature state-of-the-art, dual-material handles for a better grip without sacrificing tool strength or durability.

MADE IN USA

Side-Cutting Pliers



High-Leverage Side-Cutting Pliers

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design
- Cat. No. D2000-9NEGLW feature glow in the dark grips to easily locate your tool in dark or low lit areas
- Cat. No. J213-9NECRN features a crimper and wire stripping holes for 10 and 12 AWG solid and 12 and 14 AWG stranded wire
- Cat. No. D2000-9NETH has hinge opening that holds and cleans 5/8" pole line and hardware bolts or threaded rods



Glow in the Dark Grips



D213-9NECRN



D2000-9NEGLW



D2000-9NETH



J213-9NECRN



STRANDED
12 - 14 AWG

SOLID
10 - 12 AWG

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D213-9NE-CR	New England	238 mm	40 mm	32 mm	16 mm	20 mm	Plastic-Dipped	Yellow	0.45 kg
2000 Series* – Heavy-duty cutting knives									
D2000-9NEGLW*	New England	238 mm	40 mm	32 mm	16 mm	20 mm	Plastic-Dipped	Glow	0.49 kg
D2000-9NETH	New England	238 mm	40 mm	32 mm	16 mm	20 mm	Plastic-Dipped	Royal Blue	0.53 kg
Journeyman™ Series – Dual-material handles									
J213-9NECRN	New England	241 mm	40 mm	32 mm	16 mm	20 mm	Journeyman	Yellow/Black	0.51 kg

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

High-Leverage Universal Combination Pliers

Additional Features:

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



12098

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
12098	Universal	219 mm	45 mm	26 mm	13 mm	19 mm	Plastic-Dipped	Dark Blue	0.33 kg
Journeyman™ Series – Dual-material handles									
J12098	Universal	222 mm	45 mm	26 mm	13 mm	19 mm	Journeyman	Dark Blue/Black	371 g

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

2000 SERIES
Cut ACSR, screws, nails and most hardened wire

JOURNEYMAN

†Journeyman™ pliers available that feature state-of-the-art, dual-material handles for a better grip without sacrificing tool strength or durability.

Diagonal-Cutting Pliers

- **Plastic-dipped handles†** for comfort and ease of identification
- **Hot-riveted joint** ensures smooth action and no handle wobble
- **Induction-hardened** cutting knives for long life
- **Short jaws** and beveled cutting edges permit close cutting of wire

MADE IN USA



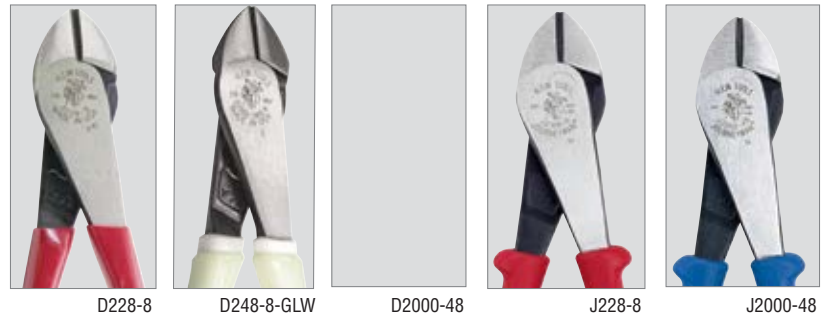
High-Leverage Diagonal-Cutting Pliers

Additional Features:

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



*Angled head design for easy work in confined spaces



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D228-8	205 mm	21 mm	30 mm	11 mm	Standard	Plastic Dipped	Red	272 g
D248-8*	205 mm	21 mm	30 mm	11 mm	Standard	Plastic-Dipped	Red	272 g
D248-8-GLW*	205 mm	21 mm	30 mm	11 mm	Standard	Plastic-Dipped	Glow	272 g
2000 Series* – Heavy-duty cutting knives								
D200028GLW**	205 mm	21 mm	30 mm	11 mm	Standard	Plastic Dipped	Glow	272 g
D2000-48*	203 mm	21 mm	30 mm	11 mm	Standard	Plastic Dipped	Blue	272 g
Journeyman™ Series – Dual-material handles								
J228-8	206 mm	21 mm	30 mm	11 mm	Standard	Journeyman	Red/Black	303 g
Journeyman™ 2000 Series* – Dual-material handles								
J2000-28**	206 mm	21 mm	30 mm	11 mm	Standard	Journeyman	Light Blue/Black	303 g
J2000-48**	205 mm	21 mm	30 mm	11 mm	Standard	Plastic Dipped	Royal Blue	272 g

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

Diagonal-Cutting Pliers - Tapered Nose

Additional Features:

- Tapered nose for easy working in confined areas and close tip cutting
- Cat. No. D252-6 is a heavier design for all-purpose use



D252-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D245-5	129 mm	17.5 mm	14 mm	9.5 mm	Standard	Plastic-Dipped	Red	0.09 kg
D252-6	156 mm	21 mm	19 mm	11 mm	Standard	Plastic-Dipped	Red	173 g

Electronics Diagonal-Cutting Pliers

Additional Features:

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



D257-4C

D209-5C

Cat. No.	Nose Type	Jaw Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D209-5C	Pointed	Standard	127 mm	18 mm	14 mm	9.5 mm	Semi-Flush	Plastic-Dipped	Royal Blue	85 g
D257-4C	Tapered	Standard	108 mm	13 mm	11 mm	6.4 mm	Semi-Flush	Plastic-Dipped	Royal Blue	54 g

Lightweight Flush Cutter

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



D275-5

Cat. No.	Overall Length	Cutting Knives	Handle Finish	Handle Color	Weight
D275-5	127 mm	Flush	Plastic	Red	51 g

Long-Nose Pliers

FORGED STEEL

from Klein's US-made, proprietary blend

Plastic-dipped handles† for comfort and ease of identification

Hot-riveted joint ensures smooth action and no handle wobble

Induction hardened cutting knives for long life

Slim head design for working in confined areas

JOURNEYMAN

†Journeyman™ pliers available that feature state-of-the-art, dual-material handles for a better grip without sacrificing tool strength or durability.

Knurled jaws for sure wrapping and looping



All-Purpose Pliers

Additional Features:

- Strips 8-16 AWG solid and 10-18 AWG stranded wire
- Increased wire cutting performance, including hard wire
- Long nose for grabbing and looping wire
- 6-32 and 8-32 screw shearing
- Dual material Journeyman™ handles



SOLID
8-16 AWG

STRANDED
10-18 AWG



J206-8C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
J206-8C	219 mm	56 mm	25.4 mm	13 mm	13 mm	3.2 mm	Journeyman	Yellow/Black	272 g

Long-Nose Pliers - Side-Cutting

Additional Features:

- Cat. No. D203-8GLW features glow in the dark grips to easily locate your tool in dark or low lit areas
- Curved handles provide greater tool control (Cat. Nos. D203-6 and D203-7)



Glow in the Dark Pliers



D203-8

D203-8GLW

D203-8N

SOLID
12 AWG

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
D203-6	168 mm	48 mm	17.5 mm	9.5 mm	13 mm	2.4 mm	Plastic-Dipped	Yellow	122 g
D203-7	183 mm	62 mm	17.5 mm	9.5 mm	13 mm	2.4 mm	Plastic-Dipped	Yellow	130 g
Heavier Design and extended handles for greater cutting power and leverage									
D203-8	214 mm	59 mm	25 mm	13 mm	16 mm	3.2 mm	Plastic-Dipped	Yellow	272 g
J203-6	172 mm	48 mm	17.5 mm	9.5 mm	13 mm	2.4 mm	Journeyman™	Yellow/Black	136 g
D203-8-GLW	213 mm	59 mm	25 mm	13 mm	16 mm	3.2 mm	Plastic-Dipped	Glow	272 g
Wire Stripping – Cleanly strips 12 AWG wire									
D203-8N	214 mm	59 mm	25 mm	13 mm	16 mm	3.2 mm	Plastic-Dipped	Yellow	266 g



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



D504-12

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight
Classic Klaw™ Pump Pliers					
D504-7	187 mm	135 mm	Plastic-Dipped	Yellow	153 g
D504-12	305 mm	70 mm	Plastic-Dipped	Yellow	640 g

Pump Pliers

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



D502-10

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight
D502-10	254 mm	44.5 mm	Plastic-Dipped	Yellow	439 g



Plastic-dipped handles for comfort and ease of identification

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

FORGED STEEL

from Klein's US-made, proprietary blend

Cable Cutters

Hot-riveted joint ensures smooth action and no handle wobble

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



Cable Cutters

Additional Features:

- Cat. No 63050 features high-leverage design for exceptional cutting capability
- Special shear angle cuts cleanly without compression to cable geometry for telecom cable work (Cat. No. 63055)
- Heat-treated, high-carbon steel
- Precision, one-hand shearing action
- Cable-gripping shear-type jaws
- Perfect for working in confined spaces

⚠WARNING: Do NOT cut steel or ACSR.



63050



63055

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Handle Finish	Weight
63050	241 mm	4/0 Aluminium, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	Red	Plastic-dipped	408 g
63055	203 mm	24 AWG Copper, Aluminium Multi-Strand Cable and Wire, and 100-Pair Telephone Cable	Red	Plastic-dipped	295 g



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



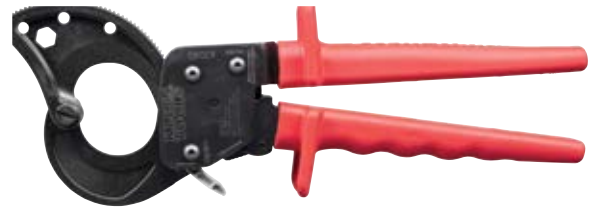
63035

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Weight
63035	413 mm	MCM Cable 350 Copper, 350 Aluminium	Red	0.77 kg

⚠WARNING: Do NOT cut steel or ACSR.

Ratcheting Cable Cutters

- High-leverage ratchet mechanism for single-handed cutting of copper and Aluminium cables, leaving no burrs or sharp edges
- 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
- Locking lever keeps handles closed for easy transport
- One-year warranty



63060

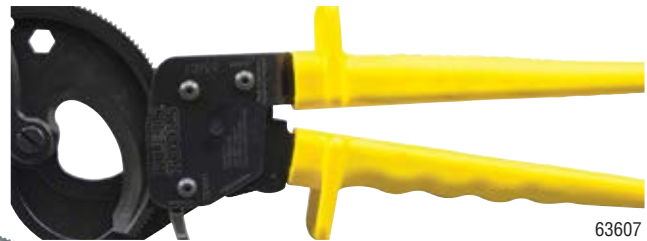
⚠WARNING: Do NOT cut steel or ACSR.

Replacement parts available (blades, handles, springs, pawl sets and release plates)

Cat. No.	Overall Length	MCM Maximum Cable Capacity			Handle Color	Weight
		Copper	Aluminium	Communication Cable		
63060	260 mm	400 MCM (185 mm ²)	600 MCM (300 mm ²)	1-1/8" (29 mm)	Red	0.6 kg

ACSR Ratcheting Cable Cutter

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



63607



63800ACSR



Moving Blade for Ratcheting Cable Cutter (Cat. No. 63607)

Cat. No.	Overall Length	MCM Maximum Cable Capacity				Handle Color	Weight
		Copper	Aluminium	ACSR	Guy Strand		
63607	260 mm	400 MCM (185 mm ²)	600 MCM (300 mm ²)	336 MCM (170 mm ²)		Yellow	0.68 kg
63800ACSR	349 mm	25 mm	32 mm	477 MCM (273 mm ²)	13 mm	Red	1.45 kg

Replacement Part

63443	Replacement moving blade for Ratcheting Cable Cutter (Cat. No. 63607)
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Ratcheting ACSR Cable Cutter - Heavy-Duty

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



63700

Cat. No.	Overall Length	Cable-Cutting Maximum Capacity		Weight
		Soft	Steel	
63700	711 mm	57 mm Diameter, 750 MCM 35 mm Diameter, Copper or Aluminium	32 mm Diameter ACSR, ACAR, 11 m Diameter Common Guy Strand, 16 mm Diameter Steel Wire Rope, 13 mm Diameter Steel Rod (C.R.S. SOFT)	6.4 kg

Heavy-Duty Ratcheting Bolt Cutter

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



63RBCHD

EASY AS



OPEN

movable handle to full extension to open cutting jaws



SNAP

cable between cutting jaws



CUT

cable using ratcheting handle

Cat. No.	Cutting Capacity	Up to HRC	Overall Length	Weight
63RBCHD	6 - 13 mm Guy Strand up to 9.5 mm EHS	Rockwell C31, Rockwell C42	78 cm	4.5 kg

Bolt Cutters - Steel Handle

- All-purpose, center-cut jaws
- Forged, alloy tool steel jaws are precision ground for sure, efficient cutting and long life
- 3-point toggle joint multiplies 23 kg of hand pressure on handles to 1,800+ kg at cutting jaws
- Lock plate reinforcement prevents jaw bolts from loosening or turning, keeping jaws in correct alignment
- One adjustment realigns cutting edges
- NOT for cutting cable



63318

Cat. No.	Handle Type	Overall Length	Cutting Max. Capacities		Weight
			Soft & Medium	Hard Material	
63318	Steel	457 mm	9.5 mm	6 mm	1.6 kg
63336	Steel	914 mm	14 mm	11 mm	6.5 kg

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

Electrician's Insulated Tools

Durable, three component molded insulation provides protection against electric shock

Induction hardened cutting knives for long life

Hot-riveted joint ensures smooth action and no handle wobble

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


FORGED STEEL

from Klein's US-made, proprietary blend

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

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



⚠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.

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

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

Electrician's Insulated Combination Pliers

Additional Features:

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



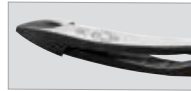
12098-EINS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Weight
12098-EINS	Universal	225 mm	45 mm	26 mm	13 mm	19 mm	0.45 kg

Electrician's Insulated High-Leverage Diagonal Cutting Pliers

Additional Features:

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



*Angled head design for easy work in confined spaces

2000-28-EINS

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Weight
2000-28-EINS	Tapered	210 mm	21 mm	31 mm	11 mm	Standard	318 g
2000-48-EINS*	Angled	210 mm	21 mm	31 mm	11 mm	Standard	318 g

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

Additional Features:

- Knurled jaws for sure wrapping and looping
- Cat. No. 203-8-EINS features heavier design for easier, more comfortable cutting extended handle for added reach and leverage
- Cat. No. 203-7-EINS have curved handles to provide greater tool control



203-8-EINS



203-7-EINS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Weight
203-8-EINS	225 mm	59 mm	25 mm	13 mm	16 mm	3 mm	318 g
203-7-EINS	187 mm	62 mm	17.5 mm	9.5 mm	13 mm	2 mm	136 g

Electrician's Insulated Solid & Stranded Stripper/Cutter

Additional Features:

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

SOLID
8-16 AWG

STRANDED
10-18 AWG



KLEIN-KURVE



11054-EINS

Cat. No.	Overall Length	Strips and Cuts	Weight
11054-EINS	203 mm	8 - 16 AWG Solid (8.4 mm ² - 1.3 mm ²), 10 - 18 AWG Stranded (5.3 mm ² - 0.82 mm ²)	227 g

Electrician's Insulated Tongue & Groove Pliers

Additional Features:

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



502-10-EINS

Cat. No.	Overall Length	Max. Jaw Capacity	Weight
502-10-EINS	1260 mm	44.5 mm	0.45 kg

Electrician's Insulated High-Leverage Cable Cutter

Additional Features:

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



63050EINS

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Weight
63050-EINS	245 mm	4/0 Aluminium, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	0.46 kg

Hi-Wire Strippers/Cutters

- Cuts, strips and loops 8-16 AWG Solid and 10-18 AWG Stranded wire
- Glow in the dark grips to easily locate your tool in dark or low lit areas
- Grip charge in natural or artificial lighting
- Strong-gripping serrated nose for easy bending, shaping, and pulling of wire
- Holes for looping and bending wire
- Cleanly shears 6-32 and 8-32 screws
- Coil spring provides fast self-opening action
- Handy closure lock for convenient storage
- Easy-to-read markings



11054GLW

Cat. No.	Overall Length	Strips and Cuts	Screw Shearing	Handle Color	Weight
11054GLW	181 mm	8 - 16 AWG Solid (8.4 mm ² - 1.3 mm ²), 10 - 18 AWG Stranded (5.3 mm ² - 0.82 mm ²)	6-32 and 8-32	Glow	0.154 kg

Dual-Wire Stripper/Cutter, Solid

Additional Features:

- Strips two wires in a single motion
- Paired stripping holes for 14 and 12 AWG solid wire
- Cuts, strips, loops and gauges 10, 12, 14 AWG solid wire
- Shear-type cutting blades for square, clean cuts
- Narrow nose fits into tight places
- Spring-loaded action for self-opening
- Easy-to-read wire gauge markings on both sides for stripping in either direction
- Hardened steel with precision ground stripping holes
- Do not use to cut steel wire or screws



11048

Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight
11048	159 mm	10, 12, 14 AWG Solid (4.0 mm ² , 2.5 mm ² , 1.5 mm ²)	Yellow	0.12 kg

Wire Stripper/Cutter, Stranded

- Cuts, strips, loops and bends stranded wire
- Strips 0.15 - 4.0 mm² stranded wire
- Shear-type cutting blades for clean cuts
- Spring-loaded action for self-opening
- Comfortable, plastic-covered handles



1011

Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight
1011M	156 mm	0.15 to 4.0 mm ² Stranded Wire	Blue	0.104 kg

Katapult™ Wire Stripper/Cutters KATAPULT

- Compound action wire stripping: grip and strip via single action squeezing motion
- Precision machined stripping holes easily remove up to 24 mm in length jacket insulation without damaging the wire
- Tension loaded wire-grip gently holds the cable in place while retaining the cable geometry
- Recoil spring design returns tool to ready position upon cycle completion
- Cast alloy chassis with heavy-duty Ecoat finish for corrosion resistance and durability
- Replacement blades available



11063W

SOLID
6 - 22 AWG

STRANDED
10 - 24 AWG

Cat. No.	Overall Length	Strips	Handle Color	Weight
11063W	168 mm	8 - 24 AWG solid (6.0 mm ² - 0.34 mm ²), 10-22 AWG stranded (6.0 mm ² - 0.34 mm ²)	Blue/Black	0.34 kg
11063WMET	168 mm	0.15-4.0 mm	Blue/Black	0.34 kg

Replacement Blades Sets

VDV110-046	RG6 coaxial cable replacement blades
11082	10 AWG max wire cutting blades
11073	8 - 22 AWG (6.0 mm ² - .34 mm ²)
11074	16 - 26 AWG (1.0 mm ² - .14 mm ²)
11063KNF	0.15 mm - 4.0 mm

Wire Stop/Gauge

11081	adjustable wire stop
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Crimping/Cutting Tool - Non-Insulated/Insulated Connectors

- Crimps insulated and non-insulated 10 to 22 AWG solderless terminals and connectors
- Tapered nose design for working in confined spaces
- Contoured thumb area for additional comfort and positive feel
- Specially hardened cutter
- Hot-riveted joint ensures smooth action and no handle wobble
- State-of-the-art, dual material Journeyman handles provide a better grip without sacrificing tool strength or durability



J1005



Cat. No.	Overall Length	Crimps	Handle Finish	Handle Color	Weight
J1005	248 mm	10 - 22 AWG (4.0 mm ² - 0.34 mm ²)	Journeyman	Red/Black	0.38 kg

Crimping/Cutting Tool-Non-Insulated Terminals

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



1006



Cat. No.	Overall Length	Crimps	Handle Color	Weight
1006	248 mm	10 - 22 AWG (4.0 mm ² - 0.34 mm ²)	Black	0.38 kg

Insulated Screwdrivers



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

Durable, two layer, molded insulation

Thick, exceptionally tough, high-dielectric white inner coating

Bright orange outer coating is flame and impact resistant

Cushion-Grip handles for greater torque and comfort

Tip-Ident® quickly identifies driver size



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



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

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

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

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

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

Insulated Screwdrivers - Round-Shank

Additional Features:

- Profilated Phillips-tip provides a more consistent geometric symmetry than conventional Phillips-tip screwdrivers

Cat. No.	Tip Size	Shank Length	Overall Length	Weight
Phillips Tip				
633-4-INS	#1	102 mm	197 mm	60 g
603-4-INS	#2	102 mm	211 mm	91 g
603-7-INS	#2	178 mm	287 mm	113 g
633-7-INS	#3	178 mm	314 mm	181 g
Cabinet Tip				
607-3-INS	2 mm	76 mm	172 mm	54 g
612-4-INS	3 mm	102 mm	197 mm	60 g
601-4-INS	5 mm	102 mm	197 mm	60 g
601-7-INS	5 mm	178 mm	273 mm	77 g
602-4-INS	6 mm	102 mm	211 mm	91 g
605-7-INS	6.4 mm	178 mm	287 mm	113 g
602-7-INS	8 mm	178 mm	314 mm	181 g
602-8-INS	9.5 mm	203 mm	340 mm	227 g
2-Piece Set				
33532-INS	Set includes the following items:			272 g
602-4-INS	6 mm	102 mm	211 mm	
603-4-INS	#2	102 mm	211 mm	



603-7-INS



602-4-INS



33532-INS



VDE Insulated Screwdrivers

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.

Anti-roll design prevents tool loss



Durable, molded insulation to meet or exceed all VDE standards for insulated tools.



Slimmer tips* for easier access to circuit breakers and other tight spaces. *32228INS & 32229INS are not slim-profile.

Ergonomic handle grip for greater torque and comfort

VDE Insulated Screwdrivers - Round-Shank

Additional Features:

- Profilated Phillips-tip provides a more consistent geometric symmetry than conventional Phillips-tip screwdrivers

Cat. No.	Tip Type	Tip Size	Shank Length	Overall Length
32228INS	Cabinet	2,5 mm	75 mm	180 mm
32229INS	Cabinet	3,0 mm	100 mm	180 mm
32230INS	Cabinet	3,5 mm	100 mm	190 mm
32243INS	Cabinet	4,0 mm	100 mm	190 mm
32244INS	Cabinet	5,5 mm	125 mm	225 mm
32245INS	Cabinet	6,5 mm	150 mm	260 mm
32246INS	Pozidriv®	#1	80 mm	180 mm
32247INS	Pozidriv®	#2	100 mm	210 mm
32258INS	Phillips	#1	80 mm	180 mm
32259INS	Phillips	#2	100 mm	210 mm
2-Piece Set				
32690INS	Set includes the following items:			
32229INS	Cabinet	3,0 mm	100 mm	180 mm
32243INS	Cabinet	4,0 mm	100 mm	190 mm
32258INS	Phillips	#1	80 mm	180 mm
32259INS	Phillips	#2	100 mm	210 mm

Pozidriv® is a registered trademark of Phillips Screw Company.



32690INS

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



K23

Cat. No.	Tip Type	Tip Size	Shank Type	Shank Length	Overall Length	Weight
K21	Slotted	1.6 mm	Round	76 mm	133 mm	0.02 kg
K23	Slotted	5 mm	Round	76 mm	133 mm	0.02 kg
K28	Slotted	4.8 mm	Round	203 mm	260 mm	0.05 kg
K34	Slotted	6 mm	Round	102 mm	197 mm	0.05 kg

Adjustable Length Screwdriver Set

- Removable shaft adjusts within 4" to 8" (10-20 cm) range for numerous length combinations
- Blades feature #2 Phillips and 1/4" Slotted tip 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 shaft
- Push up to retract or shorten the shaft
- Cushion-Grip handles for maximum comfort and torque
- Components sold separately



32751

US Patent 6,561,523

Cat. No.	Item	Tip Size	Shank Length	Overall Length	Weight
32751	Adjustable Length Screwdriver	#2 Phillips, 6 mm Slotted	102-208 mm	340 mm	0.18 kg
32708	Adjustable Length Screwdriver	#1 & #2 Square	102-208 mm	340 mm	0.18 kg
32715	Adjustable Length Blades (3 Pack)	#2 Phillips, 6 mm Slotted #1 Phillips, 6 mm Slotted #1 & #2 Square	232 mm	232 mm	0.11 kg
32709	Adjustable Length Driver Replacement Blade	#1 & #2 Square	102-208 mm	232 mm	0.11 kg
32713	Adjustable Length Driver Replacement Blade	#1 Phillips, 6 mm Slotted	102-208 mm	232 mm	0.11 kg
32618	Adjustable Length Driver Replacement Blade	#2 Phillips, 6 mm Slotted	102-208 mm	232 mm	0.11 kg
32619	Adjustable Length Driver Handle	—	—	136 mm	0.09 kg

4-in-1 Electronics Screwdriver

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



32581

Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Overall Length	Weight
32581	71 mm	3 mm and 2.4 mm	#0 and #00	6165 mm	31 g

Replacement Bits for Multi-Bit Screwdriver/Nut Drivers

- Precision-machined tips for exact fit into fastener



13391

Cat. No.	Description	For Use With	Package Quantity
13391	Replacement Bits, 4-in-1 Electronics. Phillips 0, Slotted 3/32	4-in-1 Electronics Screwdriver (Cat. No. 32581)	2 Bits
13392	Replacement Bits, 4-in-1 Electronics. Phillips 00, Slotted 1/8	4-in-1 Electronics Screwdriver (Cat. No. 32581)	2 Bits

15-in-1 Screwdriver/Nut Drivers

- Multi-bit driver includes 14 different screwdriver tips plus a 6 mm nut driver
- Internal storage for screwdriver bits
- Cushion-Grip handle for maximum torque and comfort



32290



Bits are stored in the handle



Cat. No.	Description	Shank Length	Slotted Bits	Phillips Bits	Square Bits	Nut Driver Bits	Hex Bits	TORX® Bits	Combo Bits	Other Bits	Overall Length	Weight
32290	Classic	102 mm	4 & 6 mm	#0, #1, #2, #3	#1, #2	6 mm	—	#10, #15, #20, #25	#1, #2	—	216 mm	227 g
32291	Tamperproof	102 mm	—	—	—	6 mm	Pins: 3, 3.6, 4 & 4.8 mm	Pins: #10, #15, #20, #25, #27, #30	—	Spanners: #6, #8, #10, #12	216 mm	227 g

Multi-Bit Screwdrivers/Nut Drivers

- Glow in the dark grips to easily locate your tool in dark or low lit areas
- Grip charge in natural or artificial lighting
- Integrated screwdriver/nut driver shaft holds popular tips and converts nut driver sizes



32451GLW



603-4GLW



Cat. No.	Description	Shank Length	Tip Sizes	Overall Length
603-4GLW	Phillips-Tip Screwdriver	102 mm	No. 2 Phillips	211 mm
605-4GLW	Cabinet-Tip Screwdriver	102 mm	6 mm slotted	212 mm
32451GLW	6-in-1 Multi-Bit Screwdriver/Nut Driver	76 mm	No. 1 & No. 2 Phillips, 3/16" & 1/4" slotted, 5/16" & 1/4" hex	186 mm

Stubby Multi-Bit Screwdriver/Nut Drivers

- Compact design features standard 32 mm shaft allowing easy access to tight work spaces
- Shaft holds four universal tips and converts to two nut driver sizes
- Cat. No. 32593 features ratcheting mechanism to work faster with more efficiency



32561



32593

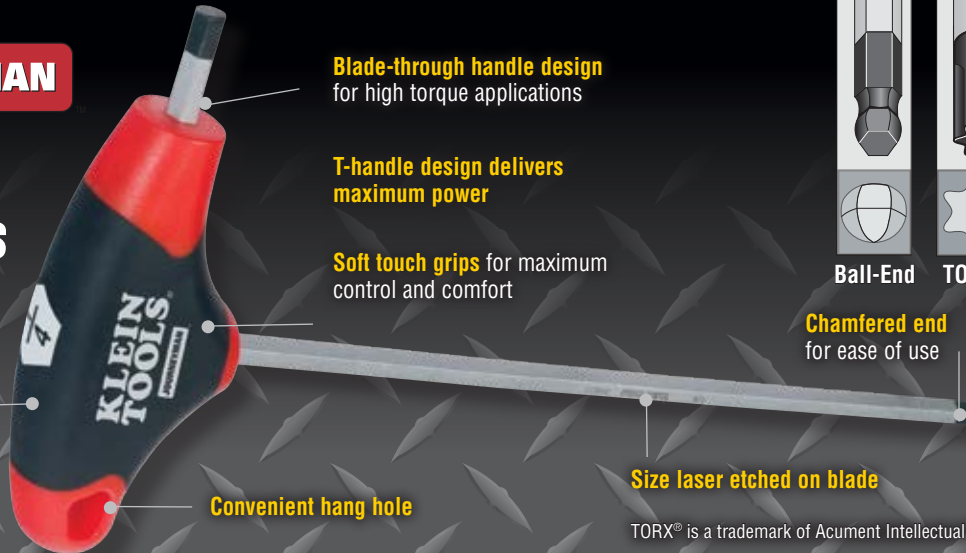


Cat. No.	Shank Length	Slotted Bits	Phillips Bits	Nut Driver Bits	Overall Length	Weight
32561	32 mm	5 mm and 6 mm	#1 and #2	1/4" and 5/16"	86 mm	45 g
32593	33 mm	6 mm and 19 mm	#1 and #2	1/4" and 5/16"	89 mm	45 g

JOURNEYMAN

T-Handle Hex-Keys

Tip-Ident™ sizes marked



Blade-through handle design for high torque applications

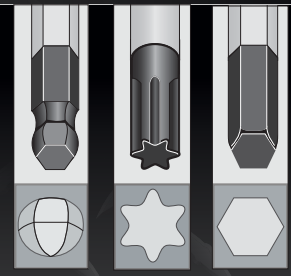
T-handle design delivers maximum power

Soft touch grips for maximum control and comfort

Convenient hang hole

Size laser etched on blade

Chamfered end for ease of use



Ball-End

TORX®

Hex

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

T-Handle Hex-Key Sets with Stand - Inch

Additional Features:

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

Ball End Set

Cat. No.	Set Contains	Weight
JTH610EB	10 Pc. 152 mm SAE Set	1.4 kg
Cat. No.	Hex Size	Blade Length
JTH6E06BE	3/32"	152 mm
JTH6E07BE	7/64"	
JTH6E08BE	1/8"	
JTH6E09BE	9/64"	
JTH6E10BE	5/32"	
JTH6E11BE	3/16"	
JTH6E12BE	7/32"	
JTH6E13BE	1/4"	
JTH6E14BE	5/16"	
JTH6E15BE	3/8"	



JTH610EB

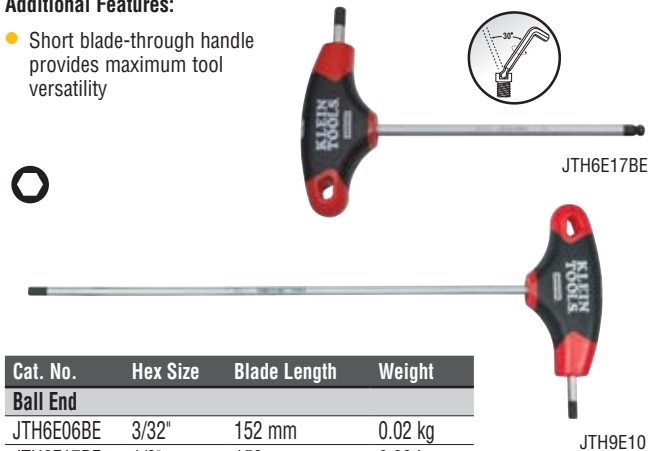
Standard Sets

Cat. No.	Set Contains	Weight
JTH610E	10 Pc. 152 mm SAE Set	1.2 kg
Cat. No.	Hex Size	Blade Length
JTH6E06	3/32"	152 mm
JTH6E07	7/64"	
JTH6E08	1/8"	
JTH6E09	9/64"	
JTH6E10	5/32"	
JTH6E11	3/16"	
JTH6E12	7/32"	
JTH6E13	1/4"	
JTH6E14	5/16"	
JTH6E15	3/8"	
JTH910E	10 Pc. 229 mm SAE Set	1.6 kg
Cat. No.	Hex Size	Blade Length
JTH9E06	3/32"	229 mm
JTH9E07	7/64"	
JTH9E08	1/8"	
JTH9E09	9/64"	
JTH9E10	5/32"	
JTH9E11	3/16"	
JTH9E12	7/32"	
JTH9E13	1/4"	
JTH9E14	5/16"	
JTH9E15	3/8"	

T-Handle Hex-Keys - Inch

Additional Features:

- Short blade-through handle provides maximum tool versatility



JTH6E17BE

JTH9E10

Cat. No.	Hex Size	Blade Length	Weight
Ball End			
JTH6E06BE	3/32"	152 mm	0.02 kg
JTH6E17BE	1/2"	152 mm	0.32 kg
Standard			
JTH9E10	5/32"	229 mm	3 g

T-Handle Hex-Key Sets with Stand - Metric

Additional Features:

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

Cat. No.	Set Contains	Weight
JTH68M	8 Pc. 152 mm Metric Set	0.8 kg
	Cat. No. Hex Size Blade Length	
	JTH6M2 2 mm	152 mm
	JTH6M25 2.5 mm	
	JTH6M3 3 mm	
	JTH6M4 4 mm	229 mm
	JTH6M5 5 mm	152 mm
	JTH6M6 6 mm	
	JTH6M8 8 mm	
	JTH6M10 10 mm	
JTH98M	8 Pc. 229 mm Metric Set	1 kg
	Cat. No. Hex Size Blade Length	
	JTH9M2 2 mm	229 mm
	JTH9M25 2.5 mm	
	JTH9M3 3 mm	
	JTH9M4 4 mm	152 mm
	JTH9M5 5 mm	
	JTH9M6 6 mm	
	JTH9M8 8 mm	152 mm
	JTH9M10 10 mm	229 mm



JTH68M



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

Additional Features:

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

Cat. No.	Set Contains	Weight
JTH67T	7 Pc. 152 mm Metric Set	0.6 kg
	Cat. No. Hex Size Blade Length	
	JTH6T10 T10	152 mm
	JTH6T15 T15	
	JTH6T20 T20	
	JTH6T25 T25	
	JTH6T27 T27	
	JTH6T30 T30	
	JTH6T40 T40	



JTH67T



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

L-Style Caddy Sets

- 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)

Ball End Style

Cat. No.	Set Contains	Weight	
BLK12	12 Pc. L-Style SAE Ball End Set	0.24 kg	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
BL2	0.050" (1.27 mm)	14 mm	73 mm
BL4	1/16" (1.58 mm)	16 mm	78 mm
BL5	5/64" (1.98 mm)	17 mm	83 mm
BL6	3/32" (2.38 mm)	19 mm	89 mm
BL7	7/64" (2.77 mm)	19 mm	94 mm
BL8	1/8" (3.17 mm)	22 mm	98 mm
BL9	9/64" (3.57 mm)	24 mm	105 mm
BL10	5/32" (3.96 mm)	25 mm	111 mm
BL12	3/16" (4.76 mm)	29 mm	119 mm
BL14	7/32" (5.55 mm)	32 mm	129 mm
BL16	1/4" (6.35 mm)	35 mm	148 mm
BL20	5/16" (7.93 mm)	40 mm	160 mm
BLMK10	9 Pc. L-Style Metric Ball End Set	281 g	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
BLM15	1.5 mm	14 mm	78 mm
BLM2	2 mm	17 mm	84 mm
BLM25	2.5 mm	21 mm	91 mm
BLM3	3 mm	22 mm	102 mm
BLM4	4 mm	25 mm	114 mm
BLM5	5 mm	32 mm	124 mm
BLM6	6 mm	37 mm	145 mm
BLM8	8 mm	43 mm	160 mm
BLM10	10 mm	49 mm	156 mm



BLMK10

Cat. No.	Set Contains	Weight	
LLK12	9 Pc. L-Style SAE Ball End Set	0.24 kg	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
LL2	0.050" (1.27 mm)	14 mm	73 mm
LL4	1/16" (1.58 mm)	16 mm	78 mm
LL5	5/64" (1.98 mm)	17 mm	83 mm
LL6	3/32" (2.38 mm)	19 mm	89 mm
LL7	7/64" (2.77 mm)	21 mm	94 mm
LL8	1/8" (3.17 mm)	22 mm	98 mm
LL9	9/64" (3.57 mm)	24 mm	105 mm
LL10	5/32" (3.96 mm)	25 mm	111 mm
LL12	3/16" (4.76 mm)	29 mm	119 mm
LL14	7/32" (5.55 mm)	32 mm	129 mm
LL16	1/4" (6.35 mm)	35 mm	148 mm
LL20	5/16" (7.93 mm)	40 mm	160 mm
LMK10	9 Pc. L-Style Metric Set	0.28 kg	
Cat. No.	Hex Size	Short Arm Length	Long Arm Length
LLM15	1.5 mm	14 mm	79 mm
LLM2	2 mm	17 mm	77 mm
LLM25	2.5 mm	21 mm	91 mm
LLM3	3 mm	22 mm	102 mm
LLM4	4 mm	25 mm	114 mm
LLM5	5 mm	32 mm	124 mm
LLM6	6 mm	37 mm	145 mm
LLM8	8 mm	43 mm	160 mm
LLM10	10 mm	49 mm	156 mm



LMK10

Grip-It™ Folding 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. No. 70572)



70570

Cat. No.	Description	Size	Color	Weight
70570	5 Key Hex Set - Inch	3/16", 7/32", 1/4", 5/16", 3/8"	Yellow	0.26 kg
70572	9 Key Ball Hex Set - Metric	5 mm, 6 mm, 7 mm, 8 mm, 10 mm	Red	0.26 kg
70573	12 Key Hex Set - Inch/Metric	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	Blue	0.14 kg
70574	9 Key Hex Set 2 Positions	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	Yellow	0.15 kg
70575	9 Key Hex Set Square Cut	3/64", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	Yellow	0.09 kg

Folding 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



70582

Cat. No.	Description	Size	Handle Length	Key Lengths	Weight
70582	7 Key Metric Folding	1-1/2 mm, 2 mm, 2-1/2 mm, 3 mm, 4 mm, 5 mm, 6 mm	94 mm	1-2/5" to 2-1/5"	0.12 kg
70591	9 Key Inch Folding	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	111 mm	2-11/16" to 3-13/16"	0.23 kg

Tape Measures



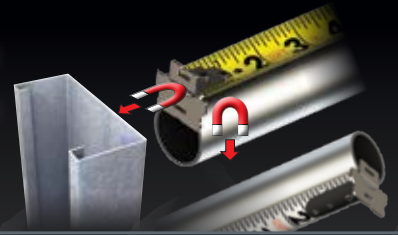
Up to 3 m **STAND-OUT**

Patent Pending

UNCLUTTERED,
EASY-TO-READ
**BOLD LINES
EVERY 1/8"**

**EXTRA-LARGE
BOLD NUMBERS**
FOR IMPROVED
READABILITY

Magnetic end hooks
with **dual angle polarity**
attaches to conduit and
steel studs to easily read
from above or below



Retraction Speed Brake
controls blade speed
and protects fingers from
having to touch blade



⚠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.

Blade-printed conduit multiplier bending table
helps calculate offsets and saddles



Tape Measures - Magnetic

- Heavy duty nylon coating protects blade printing
- Blade printed conduit bending table helps calculate offsets and saddles
- Super-sized back clip holds securely to wide belts and extends into pockets
- Features double sided printing with centimeters and inches
- U.S. Patent Pending

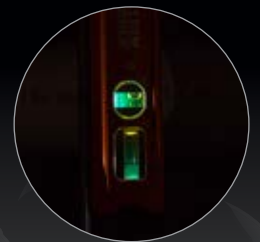
Cat. No.	Blade Length	Hook	Weight
86375	7.5 m	Double	1.125

Aluminium Lighted Level

Patent Pending

MAGNET TRACK

ULTRA POWERFUL
Rare-Earth Magnets



Top V-Groove
fits contour of pipe

Large, bright LED high-definition vials
are easy to read in any lighting condition



Tapered nose easily slides
into pockets and tighter spaces

High-visibility orange is easy to find



Lighted Billet Aluminium Torpedo Level

Additional Features:

- Professional grade billet Aluminium body precision machined for high-accuracy leveling
- Vials are at 3 angles: level, 90 and 45 degrees
- 3-minute auto shut-off saves battery life
- Water and impact resistant

Cat. No.	Overall Length	Weight
935RBLT	229 mm	0.35 kg



JOURNEYMAN Snips

State-of-the-art, dual-material handles provide a better grip without sacrificing tool strength or durability

Meets or exceeds ASME B107.16M performance standard

Long-lasting serrated forged steel blades for superior strength and durability

Soft touch grips for maximum control and comfort

Hard, colored material for toughness and durability

Premium corrosion – resistant plated handles

Self opening latch



Tip-Ident™ for easy identification.



US Patents: D623498, D631322

Aviation Snips

Additional Features:

- Cut 18 gauge cold rolled steel and 22 gauge stainless steel



J1101R



J1102S



J1100L

Cat. No.	Cutting Pattern	Snip Type	Cutting Length	Color Code	Cutting Capacity: Cold Rolled/Stainless Steel	Overall Length	Weight
J1100L	Left/Straight	Aviation	35 mm	Red/Black	18 Gauge/22 Gauge	251 mm	408 g
J1101R	Right/Straight	Aviation	35 mm	Green/Black	18 Gauge/22 Gauge	251 mm	417 g
J1102S	Straight/Wide Curves	Aviation	38 mm	Yellow/Black	18 Gauge/22 Gauge	256 mm	408 g

Dead Blow Hammer

- 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 and aerospace



811-32



Cat. No.	Head Weight	Overall Length	Weight
811-32	907 g	457 mm	0.8 kg



Pocket Knives

- 440A stainless steel blades
- Dual thumb studs for one-hand open
- Pocket clip keeps knife readily available
- Cat. No. 44144 features silver Aluminium handle for corrosion resistance and liner locks to secure blade in open position
- Cat. No. 44142 has a black Aluminium handle for corrosion resistance and a lock back to secure knife in open position



44142



44144



44222

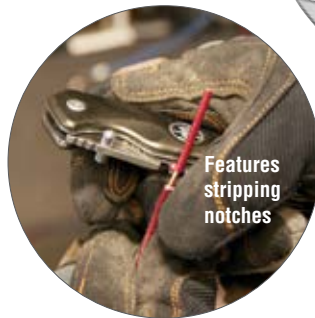


44220

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
44142	440A Stainless Steel	73 mm	89 mm	172 mm	4 g
44144	440A Stainless Steel	86 mm	102 mm	203 mm	9 g
44220	440A Stainless Steel	89 mm	121 mm	210 mm	142 g
44222	440A Stainless Steel	89 mm	114 mm	203 mm	113 g

Electrician's Pocket Knife

- 440A stainless steel blade
- Dual thumb studs for one-hand open
- Pocket clip keeps knife readily available
- 14-12 AWG solid and stranded wire stripping notches on backside of blade
- Liner locks to secure blade in open position



Features stripping notches



44201

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
44201	440A Stainless Steel	86 mm	108 mm	195 mm	9 g

Pocket Knife - Coping Blade

- Blade locks open
- Compact and lightweight
- Ideal for skinning small wire and cable

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
1550-14	Carbon Steel	76 mm	108 mm	146 mm	113 g



1550-14

Pocket Knife - Slitting Blade

- Large, stainless steel, curved sheepsfoot slitting blade - 64 mm long
- Ideal for heavy-duty line work
- Plastic handle
- Blade locks open

Cat. No.	Blade Material	Blade Length	Length Closed	Overall Length	Weight
1550-24	Stainless Steel	64 mm	111 mm	178 mm	71 g



1550-24

Combination Knife and Scissors Sharpener

- High-grade, tungsten-carbide inserts sharpen both sides of the blade at the same time
- Restores knife edge in three or four strokes
- Built-in finger guard helps to protect your hand
- Lightweight, compact size for easy carrying and storage
- Sharpens electrician's scissors, pocket knives, retractable-blade utility knives, razor blade knives and serrated knives

Cat. No.	Dimensions	Weight
48036	102 mm L x 57 mm W x 19 mm D	45 g



48036

⚠WARNING: Improper use of knife and scissors sharpener and/or failure to follow instructions can result in injuries. Keep your fingers behind the curved guard and your thumb securely on the multi-grooved thumb-rest indentation, never in front of it.

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



REALTREE Xtra
 Realtree AP-XTRA Camouflage Design
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44135

Cat. No.	Length Closed	Overall Length	Weight
44135	113 mm	178 mm	213 g

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
- Bright orange handle color makes this knife easy to find

44131

Cat. No.	Length Closed	Overall Length	Weight
44131	105 mm	162 mm	122 g

Auto-Loading Folding Retractable Utility Knife



44130

- Auto-loading blade for faster and safer blade changes
- Internal blade storage holds and includes 3 blades
- Rubber grips on handle for improved control and comfort
- High quality triple ground blades stay sharp longer
- Lock release to close knife
- Equipped with belt clip



Cat. No.	Length Closed	Overall Length	Weight
44130	108 mm	168 mm	213 g

Klein Kurve™ Retractable Utility Knife



44133

- Rugged, heavy-duty and durable construction
- Contains a wire-stripping notch
- Internal blade storage includes and holds 6 blades
- High quality triple ground blades stay sharp longer
- Rubber grips on handle for improved control and comfort
- Designed for improved cutting ability



Cat. No.	Length Closed	Overall Length	Weight
44133	175 mm	178 mm	213 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.

Auto-Retracting Utility Knife

- Rugged, heavy-duty and durable construction
- Knife incorporates a wire-stripping notch
- Safety yellow handle for greater visibility
- Blade removal/insertion without disassembly
- Blade retracts fully into housing when cut is complete



44136

Blade retracts fully into housing when cut is complete.



Cat. No.	Length Closed	Overall Length	Weight
44136	127 mm)	146 mm	200 g

Cable/Lineman's Skinning Knife

- 76 mm steel blades 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
- Rectangle-shaped handle design for attachment to some utility hot stick equipment



1570-3

Cat. No.	Special Features	Length Less Ring	Weight
1570-3	Hook blade, notch and ring	203 mm	0.14 kg

Insulated Lineman's Skinning Knife



- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool
- A flame retardant, impact-resistant, bright orange outer coating
- Complies with ASTM F-1505 and IEC 60900-2004 standards for insulated tools
- Molded measuring marks on back of handle to help measure stripping length of wire
- Large molded handle for an easier, more comfortable grip
- Tough, tempered steel blade provides maximum sharpness and durability to withstand frequent cable scoring



1571-INS

Cat. No.	Blade Length	Handle Color	Overall Length	Weight
1571INS	60 mm	Orange	222 mm	159 g

See page 12 for warnings on insulated tools

High-Tension Hack Saw

- 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

Cat. No.	Blade Length	Overall Length	Weight
702-12	305 mm	413 mm	0.7 kg



702-12

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	152 mm	305 mm	141 g

Adjustable Wrenches

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

Chrome-plated for corrosion resistance

Standard/metric scales for faster adjustment

Knurl turns smoothly for easy operation

Contoured handles for comfortable use

Rail is ground for precision fit

Minimally protruding jaw shank for greater capacity in tight spaces

4-threaded knurl worm gear for improved balance



Adjustable Wrenches - High Capacity

Additional Features:

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



D507-8

Cat. No.	Handle Finish	Handle Color	Length	Capacity	Weight
507-8	High-Polish Chrome		206 mm	29 mm	277 g
507-10	High-Polish Chrome		257 mm	33 mm	445 g
D507-6	Plastic-Dipped	Transparent Red	165 mm	24 mm	150 g
D507-8	Plastic-Dipped	Transparent Red	210 mm	29 mm	299 g
D507-10	Plastic-Dipped	Transparent Red	260 mm	33 mm	0.5 kg
D507-12	Plastic-Dipped	Transparent Red	314 mm	38 mm	0.82 kg

Adjustable-Head Construction Wrench

- Eliminates the need for carrying several fixed-size wrenches
- Forged from select alloy steel with continuous taper handle for aligning bolt and/or rivet holes
- Industrial black finish for corrosion resistance
- Includes lanyard hole for easy tool tethering
- Precision-machines jaws are individually chosen and assembled by hand for smooth operation
- Heat-treated for long life



3239



Cat. No.	Max. Size Capacity	Length	Weight
3239	38 mm	406 mm	1.07 kg

13 mm - Drive Ratcheting Construction Wrench

- Accepts 13 mm (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 holes
- Industrial black finish for corrosion resistance

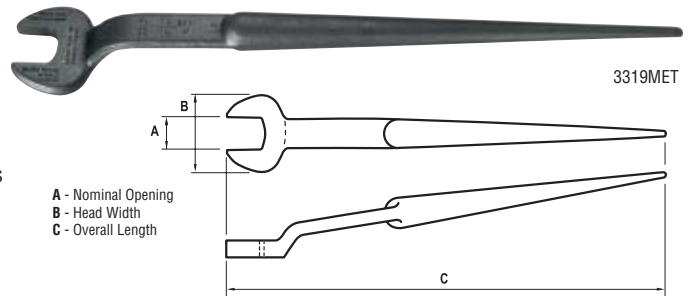


3238

Cat. No.	Overall Length	Weight
3238	381mm	0.95 kg

Erection Wrenches

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



Cat. No.	Bolt Size	Nominal Opening	Head Width	Taper Diameter	Overall Length	Weight
3318MET	16 mm	18 mm	57 mm	22.2 mm to 4.8 mm	374.7 mm	0.59 kg
3319MET	19 mm	19 mm	64 mm	25.4 mm to 6.4 mm	422.3 mm	0.9 kg
3324MET	22 mm	24 mm	76 mm	28.6 mm to 7.1 mm	441.3 mm	1.23 kg
3327MET	25 mm	27 mm	92 mm	28.6 mm to 6.4 mm	457.2 mm	1.52 kg
3330MET	13 mm	30 mm	57 mm	22.2 mm to 12.7 mm	374.7 mm	0.62 kg
3332MET	13 mm	32 mm	57 mm	22.2 mm to 4.76 mm	374.7 mm	0.61 kg
3336MET	16 mm	36 mm	57 mm	22.2 mm to 4.76 mm	374.7 mm	0.59 kg
3341MET	13 mm	41 mm	57 mm	22.2 mm to 4.76 mm	374.7 mm	0.62 kg

Tie-Wire Reel

- Load pre-coiled tie wire onto the reel without having to remove the cover
- Designed for left or right hand use
- Large, comfortable rewind knob
- Reel Pad (Cat. No. 27450) can be worn on the belt under the tie-wire reel

Cat. No.	Diameter	Width	Weight
27400	158.8 mm	70.6 mm	1.09 kg
27450		178 mm	0.03 kg



27400



27450

Grizzly™ Bar



64306

- Heavy, strong, multi-purpose tool provide high leverage as a crow bar, as well as a nail and spike puller
- 76 mm width protects concrete when stripping forms
- Blade is forged and hardened alloy with keyhole nail-pulling slot in center and "V" notch in tapered edge
- Can be used to help align walls during tilt-up construction, to roll and align large pipe, to remove shingles and flooring, and for many other stripping and prying tasks

Cat. No.	Overall Length	Weight
64306	1410 mm	5.44 kg

Standard Bull Pins

- Machined from quality alloy steel
- Heat-treated for strength, black finish for rust resistance

Cat. No.	Top Diameter	Point Diameter	Length	Weight
3251	27 mm	9.5 mm	381 mm	1.13 kg
3252	30 mm	11 mm	381 mm	1.41 kg
3257	27 mm	9.5 mm	3058 mm	0.77 kg



3252

Cat. No.	Top Diameter	Point Diameter	Length	Weight
3258	30.2 mm	11.1 mm	304.8 mm	0.95 kg
3259	33.3 mm	11.1 mm	304.8 mm	1.13 kg

Broad Head Bull Pin

- Forged, heat-treated bull pin provides 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 are 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



3255

Cat. No.	Top Diameter	Point Diameter	Length	Weight
3255	32 mm	8 mm	349 mm	1.3 kg
3256	27 mm	6 mm	254 mm	0.7 kg

FISH TAPES

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

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

Polypropylene case and handle offer the maximum in impact resistance

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



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



Available in steel and fibreglass with a wide variety of tips

Multi-Groove Fibreglass Non-Conductive Fish Tape

Additional Features:

- Rigidity for long distance
- Durable 178 mm leader helps push through crowded conduit
- Available resin eyelet for total non-conductivity



Profile



Less surface contact with wires

Cat. No.	Tape Size	Reel Diameter	Weight
56057	15.24 m L x 4.8 mm W	330 mm	1.05 kg



56057

3 mm Steel Fish Tapes

Additional Features:

- High strength spring steel are stiff for long runs and great for heavy duty wire pulls
- Full grip style handle gives you a firm, steady grip as you pull tape from the case

Cat. No.	Tape Size	Reel Diameter	Weight
50190	7.5 m x 6 mm W	178 mm	0.5 kg
50192	19 m x 3 mm W	229 mm	1.2 kg
50193	38 m L x 3 mm W	330 mm	2.1 kg



50193

Fish Rods & Accessories



Exclusive Splinter Guard™ protection from painful fiberglass splinters

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

LO flex – long, straight feeding;
HIGH flex – tight bends in walls;
MID flex – all needs in between

Luminescent glow rods provide added visibility in dark work spaces

Shines 2X brighter and lasts 2X longer than ordinary glow rods



Fish and Glow Rods

Additional Features:

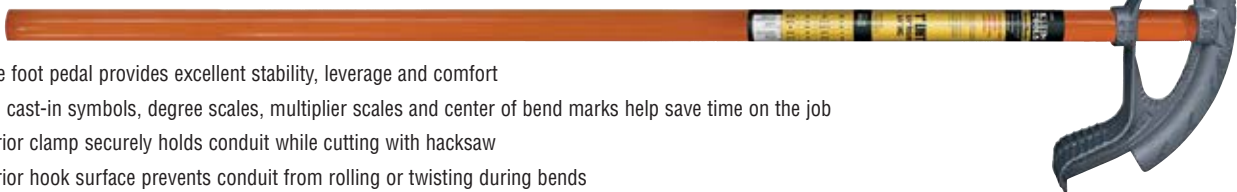
- Variety of flexibilities and lengths for any application such as walls, drop ceilings, attics, crawl spaces, etc.
- Include bull nose and hook attachments to attach and grab wires



Cat. No.	Description	Included	Overall Length	Diameter	Weight
Fish Rods					
56312	Lo-Flex Fish Rod Set	(3) 6 mm diameter 1.2 m Fish Rods with bullet nose and hook attachments	4 m	6 mm	0.48 kg
56325	Fish and Glow Rod Set	(5) 6 mm diameter 1.2 m Fish Rods, (1) 5 mm diameter 1.3 m Glow Rod with bullet nose and hook attachments	8 m	6 to 5 mm	0.82 kg
Glow Rods					
56409	Mid-Flex Glow Rod Set	(6) 5 mm Diameter 457 mm Glow Rods with Bullet Nose and hook attachments	3 m	5 mm	0.25 kg

Iron Conduit Bender

- For common bends such as Stub Ups, Offsets, Back-to-Back and Saddle Bends
- Exclusive design reduces rippling and ovaling of conduit



- Wide foot pedal provides excellent stability, leverage and comfort
- Bold cast-in symbols, degree scales, multiplier scales and center of bend marks help save time on the job
- Interior clamp securely holds conduit while cutting with hacksaw
- Interior hook surface prevents conduit from rolling or twisting during bends
- Easily visible arrow for ease of alignment on conduit marks

56205

Cat. No.	Description	Handle	Thinwall/EMT	Rigid/IMC	Weight
56205	Assembled Iron Conduit Bender 1" EMT	51428	25 mm	19 mm	5.26 kg

Ratcheting PVC-Cutters

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



50031

Cat. No.	PVC Cutting Capacity	Length	Weight
50031	O.D. 16 mm to 41 mm I.D. 13 mm to 32 mm	229 mm	10.5 kg
50032	Replacement blade	102 mm	0.1 kg
50033	Replacement pin	60 mm	0.0002 kg

⚠ WARNING: Do NOT cut cold PVC.

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



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.

All Aluminium Conductor (AAC)			MAX SAFE LOAD	
Code Word	No. of Alum. Strands	Diameter (mm)	2,041 kg	3,629 kg
GEMINI	7	5.25	1656-20, 1656-20H and S1656-20H	
JUPITER	7	6.75	1656-20, 1656-20H and S1656-20H	
LEO	7	7.50	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H	
LIBRA	7	9.00	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H	
MARS	7	11.30	1656-30, 1656-30H and S1656-30H	
NAMU	7	6.33	1656-20, 1656-20H and S1656-20H	
POKO	7	7.08	1656-20, 1656-20H and S1656-20H	
KUTU	7	9.00	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H	
RANGO	7	10.98	1656-30, 1656-30H and S1656-30H	
MERCURY	7	13.50		1656-40, 1656-40H and S1656-40H
MOON	7	14.30		1656-40, 1656-40H and S1656-40H
NEPTUNE	19	16.30		1656-40, 1656-40H and S1656-40H
WEKE	7	14.61		1656-40, 1656-40H and S1656-40H
WETA	19	16.75		1656-40, 1656-40H and S1656-40H
All Aluminium-Alloy Conductor (AAAC-1120)				
ARGON	7	5.25	1656-20, 1656-20H and S1656-20H	
BORON	7	6.75	1656-20, 1656-20H and S1656-20H	
CHLORINE	7	7.50	1656-20, 1656-20H and S1656-20H	
FLUORINE	7	9.00	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H	
HELIUM	7	11.30	1656-30, 1656-30H and S1656-30H	
HYDROGEN	7	13.50		1656-40, 1656-40H and S1656-40H
IODINE	7	14.30		1656-40, 1656-40H and S1656-40H
KRYPTON	19	16.30		1656-40, 1656-40H and S1656-40H
All Aluminium-Alloy Conductor (AAAC-6201)				
AGATE	7	5.25	1656-20, 1656-20H and S1656-20H	
AMETHYST	7	6.75	1656-20, 1656-20H and S1656-20H	
DIAMOND	7	7.5	1656-20, 1656-20H and S1656-20H	
EMERALD	7	9	1656-20, 1656-20H, S1656-20H, 1656-30, 1656-30H and S1656-30H	
GARNET	7	11.3	1656-30, 1656-30H and S1656-30H	
JADE	7	13.5		1656-40, 1656-40H and S1656-40H
JASPER	7	14.3		1656-40, 1656-40H and S1656-40H
OPAL	19	16.3		1656-40, 1656-40H and S1656-40H

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.

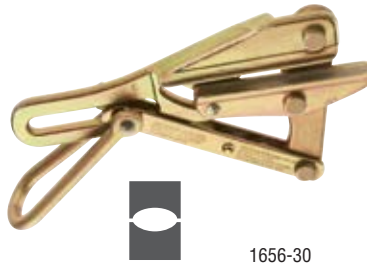
⚠ WARNING: Always match proper size and type of grip to application.

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

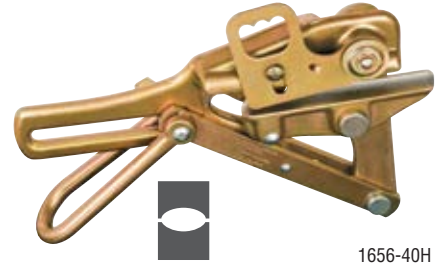
Chicago Grips

Designed for use on Aluminium, copper, weather-proof 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
- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR
- Smooth jawed grips with maximum contact are less likely to cause cable deformation



1656-30



1656-40H

Cat. No.	Max Safe Load	Hot Latch Model No.	Hot Latch/Spring Model No.	Min. to Max. Cable Diameter (mm)	Jaw Length	Approx. Weight Each
1656-20	2,041 kg	1656-20H	S1656-20H	5.08 mm - 10.16 mm	102 mm	1.36 kg
1656-30		1656-30H	S1656-30H	.7.88 mm - 13.46 mm	121 mm	1.70 kg

Cat. No.	Max Safe Load	Hot Latch Model No.	Hot Latch/Spring Model No.	Min. to Max. Cable Diameter (mm)	Jaw Length	Approx. Weight Each
1656-40	3,629 kg	1656-40H	S1656-40H	13.46 mm - 18.79 mm	140 mm	3.76 kg

Bare Wire

- Works with solid and stranded bare wire from 2 mm to 5.1 mm
- Lightweight, cost-effective grip
- Single "V" groove jaw
- Pulls #6 and #8 bare copper wire without damaging or deforming the cable



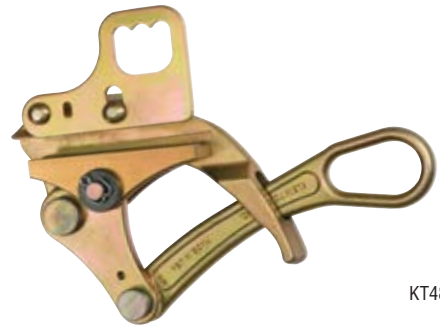
1613-30

Cat. No.	Max Safe Load	Latch Model	Minimum Cable	Maximum Cable	Jaw Length	Approx. Weight Each
1613-30	680 kg	N/A	12 B&S solid 2.03 mm	4 B&S solid 5.08 mm	76 mm	.68 kg
S1613-40H		Yes	0.12" to 0.37"		76 mm	.68 kg

Parallel Grips

Lightweight compact grips pull an exceptionally wide range of cable types and sizes

- Features a round serrated jaw
- Large-diameter eye accommodates large hooks on hoists, winches and tackle blocks
- Hot latch closes automatically to guard against grip accidentally disengaging from wire



KT4802

Cat. No.	Max Safe Load	Min. to Max. Cable Diameter (mm)	Jaw Length	Approx. Weight Each
KT4802	5,443 kg	17.8 mm - 31.8 mm	130 mm	4.1 kg

- Longer jaws achieve a firm hold, reducing potential deformation to cable
- Designed with a Double V jaw contour, a latch, plus a large-diameter eye that accommodates large hooks on hoists, winches, and tackle blocks
- Closing the latch helps maintain cable position in grip jaws



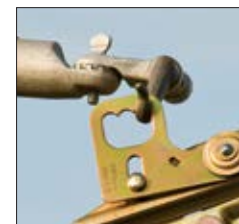
1671-10

Cat. No.	Max Safe Load	Min. to Max. Cable Diameter (mm)	Jaw Length	Approx. Weight Each
1671-10	4,536 kg	9.40 mm - 19.05 mm	111 mm	2.27 kg

Hot-line Latch

Designed for placing a grip on cable with a hot-line stick. Three notches in the hot-line latch adjust the balance of the grip to better match the direction of the cable sag

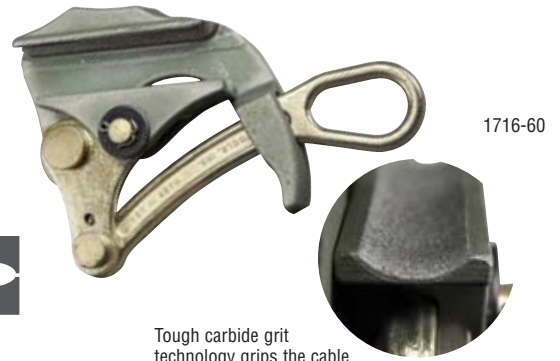
- When stick is removed, latch closes automatically to guard against grip accidentally disengaging from wire
- Standard hot-line grips are not supplied with springs or lock-open features
- Some grips are available with a positionable latch



Parallel Grips

Hendrix® Tree Wire

- Securely pulls HDPE-coated cable commonly known as “tree wire”
- Innovative high-traction surface grips the cable without damaging the outer jacket
- Tough carbide grit technology withstands even the harshest jobsite conditions
- The only grip solution specifically designed for Hendrix® Aerial Cable
- Pulls cable diameters 18 mm to 33 mm
- Spring-loaded for one-handed operation and easy placement on the conductor
- Hendrix® is a registered trademark of Marmon Utility, LLC



Tough carbide grit technology grips the cable without damaging the wire

Cat. No.	Max Safe Load	Min. to Max. Cable Diameter (mm)	Jaw Length	Approx. Weight Each
1716-60	5,443	17.8 mm to 33 mm	130 mm	4.1 kg

Parallel Jaw Grip, 114 mm Length

- Lightweight, compact grip pulls an exceptionally wide range of cable sizes and types
- Round inside-jaw contour for maximum contact to minimize conductor damage
- Lower jaw is serrated to firmly grip insulated cables and conductors
- Design includes a latch that prevents the grip from falling in case of jaw disengagement from the cable
- Large-diameter eye accommodates large hooks on hoists, winches and tackle blocks



1685-31

Cat. No.	Max Safe Load	Min. to Max. Cable Diameter (mm)	Jaw Length	Approx. Weight Each
1685-31	3,402 kg	16 to 32 mm	114 mm	2.3 kg

Havens™ Grips

Messenger and Guy Strand

- 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 6.35 mm cable area
- Latch helps hold cable in the jaw



1604-20L

Cat. No.	Max Safe Load	Min. to Max. Cable Diameter (mm)	Jaw Length	Approx. Weight Each
1604-20L	2,268 kg	3.18 mm - 12.70 mm	N/A	1.14 kg

Wire Rope – 1625 Series

- Designed for use when light, compact grip is desired and where cable deformation is not a factor
- Gripping pressure of the knurled jaw is applied to 6.35 mm cable area
- Swing latch helps hold cable in the jaw



1625-20

Cat. No.	Max Safe Load	Min. to Max. Cable Diameter (mm)	Jaw Length	Approx. Weight Each
1625-20	3,629 kg	7.11 mm - 19.05 mm	N/A	1.81 kg
1625-20 7/8		9.65 mm - 22.35 mm	N/A	1.81 kg

Radial Stripper UTP/STP

- One-step outer jacket stripping, 1-level, of category 3, 5, 5e, 6, and 6a cables
- Durable high-carbon steel cutting blades are ground and honed for long life
- Removes the outer jacket of twisted pair cable without damaging the conductors
- Strip and slit lengths may be varied to accommodate different connector requirements
- Recessed cutting surface slits long runs of twisted-pair cable
- Multiple nest cavities allow the removal of a wide variety of jacket materials on twisted-pair cable
- Adjustable set-screw prevents twisted-pair conductor insulation scoring



VDV120-006

Cat. No.	Color	Strips or Slits	Levels	Strip/Slit Dimensions	Prepared Cable	Overall Length	Weight
VDV120-006-SEN	Yellow	Unshielded Twisted Pair; Shielded Twisted Pair	1	Varies by application		112 mm	37 g

Coax Cable Radial Strippers - 2-Level

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



VDV110-061

US Patent: D688927

Cat. No.	Color	Levels	Cable	Cartridge Strip Dimensions	Prepared Cable	Overall Length	Weight
VDV110-061	Yellow/Black	2	RGS9, RG6, RG60S	8 mm and 6 mm		117 mm	34 g

Compact Ratcheting Modular Crimper

- All-inclusive tool cuts, strips and crimps voice and data cables
- Cuts and strips CAT6, CAT5e, CAT3 and flat-satin voice cables
- Crimps 4, 6 and 8 position modular connectors.
- Heavy-duty ratchet ensures complete termination
- Direct lateral crimp action provides more even, precise contact termination across all pins
- Compact, ergonomic design for natural, single-hand operation
- About 40% smaller than other crimpers for easy storage
- Quick reference connector wiring diagrams provided on the tool and downloadable to your mobile device



Heavy-duty ratchet



VDV226-107

Cat. No.	Color	Cuts & Strips	Crimps Connectors	Position/Pair/Conductors	Overall Length	Weight
VDV226-107	Yellow/Black	STP/UTP Data Cable Flat Satin Phone Cable 28 - 22 AWG (0.08 - 0.34 mm ²)	RJ11, RJ12 and RJ45	6-Position, 2 Pair/4-Conductor; 6-Position, 3-Pair/6-Conductor; 8-Position, 4-Pair/8-Conductor	133 mm	318 g

Compression Crimper - Lateral, Multi-Connector

- One tool crimps most compression connectors to most coaxial cables - Minicoax, RG58, RG59, RG62, RG6, RG6QS, RG7, and RG11
- Unique cable selection wheel eliminates the need to change plunger tips, saving time and avoids losing parts
- Open design for easy insertion and simple removal
- User-friendly F/BNC/RCA gauge markings on tool for accurate positioning and quick adjustments of the plunger
- Spring loaded return increases user comfort and ease of use



Connector markings for quick adjustments



VDV211-063

Cat. No.	Color	Cable Type	Connectors	Overall Length	Weight
VDV211-063	Yellow/Black	Coaxial	BNC, F, RCA	159 mm	525 g

Ratcheting Crimper Frame



VDV200-010

- Professional CATV, electrical, home theater, satellite and security system ratcheting crimper frame with optional dies is perfect for fast, reliable connector installations
- Full-cycle ratchet action assures a complete, precise crimp every cycle
- 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
- Thumb-screws secure die-sets for quick, easy changes
- Optional, quick interchangeable die sets thumb and Phillips screw set available (see table)

Cat. No.	Overall Length	Weight
VDV200-010	222 mm	539 g

Coaxial Hex-Crimp Die Sets

Cat. No.	Die Set	Nest Dimensions	
VDV205-035	Insulated Terminals, AWG 10-22	AWG 22 - 18/16 - 14/12 - 10 DIN .5 - 1.0/1.5 - .5/4 - 6 mm ²	
VDV205-039	Pin Terminal Insulated or Non-Insulated Ferrules, AWG 12-22	AWG 22/20/18/16/14/12 DIN 0.5/0.75/1.0/ 1.5/2.5/ 4 mm ²	
VDV205-044	Non-Insulated Terminal, AWG 8-18	AWG 18 - 16/14/ 12 - 10/ 8 DIN 0.75 - 1.5/ 2.5/ 4 - 6/10 mm ²	

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.

Punch-Down Multi-Tool with 110/66 Blade

- Patented locking impact mechanism allows non-impact operation and sure driving with a variety of optional WorkEnds™ driver bits
- Terminate and cut wire in one step with 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
- Spring loaded for fast, low effort seating and terminating
- Blade storage compartment with spring loaded locking mechanism
- Hook and spudger neatly and compactly store in the chassis, out of the way when not in use
- Replacement blades/accessories available



VDV427-807



VDV770-050

Cat. No.	Set Contains			
VDV427-807	Punchdown Multi-tool with 110/66 blade & WorkEnds™			
Cat. No.	Color	Description	Blade Configuration	
			End 1	End 2
VDV427-047	yellow/red/black	Chassis	-	-
VDV427-104	chrome	Blade - combination 66/110 cut type	110 terminate & cut	66 terminate & cut
VDV770-050	-	WorkEnds™ kit	-	-

Punch-Down Tool Krone Blade

- For inserting category cable wires into jacks, modules, panels and distribution frames
- Includes swing-out combination hook and spudger
- A panel sensor detects the presence of a Krone punch-down panel, allowing the mechanism to seat and cut the wire
- Designed for use on Krone blocks and network infrastructure
- Lock the impact mechanism easily simply by rotating the impact lock dial



VDV427-014

Cat. No.	Description	Overall Length	Weight
VDV427-014	Punch-Down Tool - Krone Blocks	200 mm	213 g

VDV Scout™ Pro 2 Series

CE	VDV Scout™ Pro 2	VDV Scout™ Pro 2 LT
Features	VDV501-823	VDV501-825
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	—	●
Test-n-Map™ Remotes	Supports up to 8	
ID Twisted-pair (RJ45) cable ID location remotes Coaxial F-connector cable ID location remotes	Supports up to 19	
Multiple-style Tone Generator	4 Tones	
Low battery indicator	●	●
Voltage warning	●	●
Shield detection	●	●
Apo Auto power off	●	●



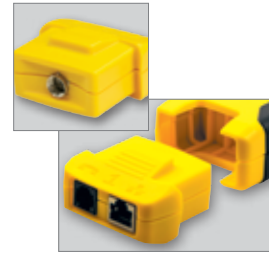
VDV501-825



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



VDV501-823



Test-n-Map™ Self Storing Remote

Maximize your VDV Scout™ Pro with Test-n-Map™ Remotes

- Test, map and identify a location in a single step!
- Cuts testing and identification time in half
- Test and identify up to eight locations at once



VDV Scout™ Pro 2 Series

- Tests continuity on voice (RJ11/12), data (RJ45) and video (F-connector) connections
- Locates cable runs to wall outlets with location ID remotes
- Compatible with single-step Test-n-Map™ Remotes
- Supports multiple tones and control of pins carrying tone with integrated tone generator†
- Measures cable length in feet or meters

†Requires analog tone probe — sold separately



VDV501-823



VDV501-825

Items Included	Cat. No.	Tester Kit	Tester & Remote Kit
		VDV501-823	VDV501-825
VDV Scout™ Pro 2 Tester		VDV501-098	—
VDV Scout™ Pro 2 LT Tester		—	VDV501-108
Test-n-Map™ Remotes		—	1
LanMap™ Cable Identification Location Remotes		5	19
CoaxMap™ Cable Identification Location Remotes		5	19
Coax barrel F adapter (female to female)		1	1
Coax push-on F adapter (threaded male to push-on female)		—	—
RJ45 jumper test cable (9')		—	—
9V battery		●	●
Carrying case		—	●
Dimensions			
Height		70 mm	229 mm
Width		160 mm	292 mm
Depth		35 mm	51 mm
Weight		369 g	964 g

LAN Scout™ Jr. Tester

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

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



RJ45 Port



Self Storing Remote



VDV526-052

Cat. No.	Batteries	Height	Width	Depth	Weight
VDV526-052	6V to 4 x Lr44 Alkaline	117 mm	58 mm	28 mm	113 g

TONEcube & PROBEplus Kit

- Trace wire paths and identify cables in common wiring systems
- Batteries not included

PROBEplus-Tone Tracing Probe

- 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

TONEcube-Tone Generator

- Five discrete tracing tones selected by tone switch
- Constant output level over useful battery life
- Momentary slide switches prevent accidental operation
- Heavy-duty leads with rugged dual-mode modular plug for direct connection to RJ11/RJ12 and RJ45 jacks via RJ12 plug
- Works with other manufacturers' analog tone probes



VDV500-808

Cat. No.	Kit Contains	Weight
VDV500-808		454 g
Cat. No.	Description	
VDV500-051	TONEcube Tone Generator	
VDV500-060	PROBEplus Tone Tracing Probe	
kit exclusive	nylon pouch	

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	●

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	●

TOUGH METER



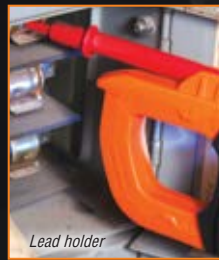
Backlit LCD screen



Magnetic hanger 69417 (optional)



Work light (CL800 only)



Lead holder



Non-contact voltage testing sensor

Clamp trigger

Test lead holder

Function selector switch

Function buttons

LCD display

CLAMP METERS

True RMS
Measurement
Technology



CL800 Shown

Test lead input jacks

LCD display

Function buttons

Function selector switch

Test lead input jacks



MULTIMETERS

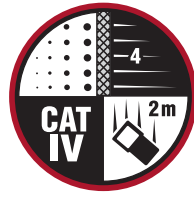
TOUGH METER



Auto-Ranging Digital Clamp Meters

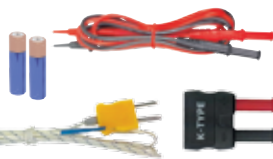
TOUGH METER

True RMS Measurement Technology



Included:

- Carrying case
- Test leads with CAT III/CAT IV safety caps
- Thermocouple with adapter (temperature-measuring models only)
- Batteries



- CAT IV 600V, CAT III 1000V, Class 2, Double insulation safety rating
- Built to withstand a 2 m drop
- Meets requirements for use in basic and controlled electromagnetic environments like residential, office and light-industrial locations

- The **CL600** measures AC current via the clamp plus AC/DC voltage, resistance, continuity, and tests diodes via test leads.
- The **CL700** measures AC current via the clamp; AC/DC voltage, resistance, continuity, frequency, capacitance and tests diodes via test leads, and temperature via a thermocouple probe. Features a Low Impedance (LoZ) mode to identify and eliminate ghost or stray voltages.
- The **CL800** measures AC/DC current via the clamp; AC/DC voltage, resistance, continuity, frequency, capacitance and tests diodes via test leads, and temperature via a thermocouple probe. Features a Low Impedance (LoZ) mode to identify and eliminate ghost or stray voltages.

Features	CL600	CL700	CL800
Drop Protection	2 m	2 m	2 m
Ingress Protection	IP40	IP40	IP40
Safety	CAT IV 600V	CAT IV 600V	CAT IV 600V
AC Voltage (Volts)	1000V	1000V	1000V
DC Voltage (Volts)	1000V	1000V	1000V
AC Current (Amps)	600A	600A	600A
DC Current (Amps)	—	—	600A
Ohms (Resistance)	60MΩ	60MΩ	60MΩ
AC Millivolts	—	—	—
DC Millivolts	•	•	•
True RMS	•	•	•
Audible Continuity	•	•	•
Backlight	•	•	•
Temperature	—	-26° - 538°C	-26° - 538°C
Low Impedance	—	•	•
Non-Contact Voltage Testing	•	•	•
Auto Ranging	•	•	•
Range Hold	•	•	•
Data Hold	•	•	•
Diode Test	•	•	•
Capacitance Test	—	6000 μF	6000 μF
Frequency / Duty Cycle	—	1Hz - 500 KHz	1Hz - 500 KHz
Max / Min	•	•	•
Magnetic Mount	Available as an accessory		
Worklight	—	—	•
Auto-Power Off	•	•	•
LCD Display Count	6000	6000	6000

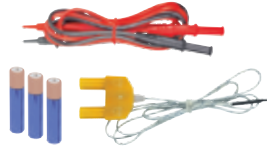


Digital Clamp Meters



Included:

- Carrying case
- Test leads with CAT III/CAT IV safety caps
- Thermocouple (temperature-measuring models only)
- Batteries



- CAT III 600V, Class 2, Double insulation safety rating
 - Backlit display for clear readings
 - Low battery indicator and easily accessible battery compartment
 - Meets requirements for use in basic and controlled electromagnetic environments like residential, office and light-industrial locations
 - Built to withstand a 1 m drop
- The CL110 is an auto-ranging digital clamp meter that measures AC current via the clamp, and AC/DC voltage, resistance and continuity via test leads.
- The CL310 is an auto-ranging True Root-Mean-Squared (TRMS) digital clamp meter that measures AC current via the clamp; AC/DC voltage, resistance, continuity, frequency, capacitance, and tests diodes via test leads, and temperature via a thermocouple probe.

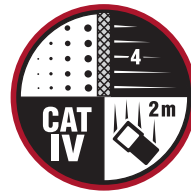


Features	CL110	CL310
Drop Protection	1 m	1 m
Ingress Protection	—	—
Safety	CAT III 600V	CAT III 600V
AC Voltage (Volts)	600V	600V
DC Voltage (Volts)	600V	600V
AC Current (Amps)	400A	400A
DC Current (Amps)	—	—
Ohms (Resistance)	20MΩ	40MΩ
AC Millivolts	•	—
DC Millivolts	•	•
True RMS	—	•
Audible Continuity	•	•
Backlight	•	•
Temperature	—	-40° – 1000°C
Low Impedance	—	—
Non-Contact Voltage Testing	—	—
Auto Ranging	•	•
Range Hold	•	•
Data Hold	•	•
Diode Test	—	•
Capacitance Test	—	4000 μF
Frequency / Duty Cycle	—	10Hz – 1MHz
Max / Min	MAX only	•
Magnetic Mount	—	—
Worklight	—	—
Auto-Power Off	•	•
LCD Display Count	2000	4000
OLED Display Count	—	—
Bar Graph	—	—

Specialty Clamp Meters

1000A AC/DC TRMS Clamp Meter (CL2500)

- Extra wide jaw opening accommodates a greater measuring area
- True RMS accurate readings for all signals
- Worklight in jaw area



200A AC Fork Meter (CL3200)

- Extra large jaw opening accepts 3/0 wire
- Short jaw depth for increased access in tight spaces
- Worklight by jaw illuminates work space



Features	CL2500 1000A AC/DC	CL3200/ 200A AC Fork Meter
Drop Protection	1 m	1 m
Ingress Protection	IP42	IP30
Safety	CAT IV 600V	CAT IV 600V
AC Voltage (Volts)	750A	750A
DC Voltage (Volts)	1000V	1000V
AC Current (Amps)	1000A	200A
DC Current (Amps)	1000A	—
Ohms (Resistance)	60MΩ	40MΩ
True RMS	•	—
Audible Continuity	•	•
Backlight	•	•
Low Impedance	—	•
Non-Contact Voltage Testing	•	•
Auto Ranging	—	•
Range Hold	•	•
Data Hold	•	•
Diode Test	•	—
Capacitance Test	6000μF	—
Frequency / Duty Cycle	•	—
Max / Min	•	—
Magnetic Mount	•	•
Worklight	•	•
Auto-Power Off	•	•
Bar Graph	•	•
LCD Display Count	6000	4000

*A NIST certified product is guaranteed to have been specially tested to ensure its accuracy. NIST certified meters are special order (lead time: 8 weeks). NIST certifications are good for one year from the date of calibration.

Cat. No.	Safety Rating	Batteries	Jaw Size	Height	Width	Depth	Weight	Included Accessories
CL2500	CAT IV 600V	2 x AAA	50 mm	205 mm	65 mm	35 mm	386 g	Test leads, case and batteries
CL3200	CAT IV 600V	2 x AAA	16 mm	179 mm	65 mm	34 mm	224 g	Test leads, case and batteries

Tough Digital Multimeters



Included:

- Carrying case
- Test leads with CAT III/CAT IV safety caps
- Alligator clips
- Thermocouple with adapter
- Batteries



- Backlit LCD display screen
- **CAT IV 600V** safety rating
- Built to withstand a 2 m drop
- For use in basic and controlled electromagnetic environments like residential, office and light-industrial locations
- Low battery indicator and easily accessible battery and fuse replacement compartment

- The MM600 is an auto-ranging digital multimeter that measures AC/DC voltage, AC/DC current and resistance plus temperature, capacitance, frequency, duty-cycle, tests diodes and continuity.
- The MM700 is an auto-ranging True Root-Mean-Squared (TRMS) digital multimeter that measures AC/DC voltage, AC/DC current, and resistance plus temperature, capacitance, frequency, duty-cycle, and tests diodes and continuity.



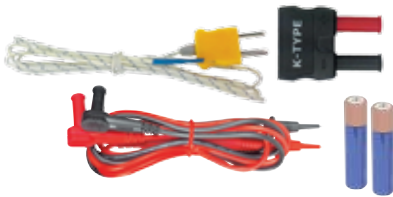
Features	MM600	MM700
Drop Protection	2 m	2 m
Ingress Protection	IP42	IP42
Safety	CAT IV 600V	CAT IV 600V
AC Voltage (Volts)	1000V	1000V
DC Voltage (Volts)	1000V	1000V
AC Current (Amps)	10A	10A
DC Current (Amps)	10A	10A
Ohms (Resistance)	40MΩ	40MΩ
DC Millivolts	•	•
AC Milliamps	•	•
DC Milliamps	•	•
AC Microamps	•	•
DC Microamps	•	•
True RMS	—	•
Audible Continuity	•	•
Backlight	•	•
Temperature	-18° – 538°C	-18° – 816°C
Low Impedance	—	•
Auto Ranging	•	•
Range Hold	•	•
Data Hold	•	•
Diode Test	•	•
Capacitance Test	1000 μF	4000 μF
Frequency / Duty Cycle	1Hz – 500 KHz	1Hz – 500 KHz
Max / Min	•	•
Lead Warning	•	•
Bar Graph	—	•
Magnetic Mount	Available as an accessory	
Auto-Power Off	•	•
Battery Test	—	—
LCD Display Count	4000	4000

Digital Multimeters



Included:

- Test leads with CAT III/CAT IV safety caps
- Thermocouple with adapter (temperature-measuring models only)
- Batteries



- CAT III 600V safety rating - MM500 has safety rating of CAT IV
- Built to withstand a 1 m drop
- For use in basic and controlled electromagnetic environments like residential, business and light-industrial locations
- Low battery indicator and easily accessible battery compartment

- The MM300 is a manual-ranging digital multimeter that measures AC/DC voltage, DC current, and resistance. It also tests diodes and continuity, and has a battery test mode.
- The MM400 is an auto-ranging digital multimeter that measures AC/DC voltage, AC/DC current, and resistance. It also measures temperature, capacitance, frequency, duty-cycle, and tests diodes and continuity.
- The MM500 is an auto-ranging digital multimeter that measures AC/DC voltage, resistance, temperature, capacitance, frequency, duty-cycle, and tests diodes and continuity. It has a user-friendly three button design and is IP67 dust and water proof with 3 meter drop protection.



Features	MM300 Manual Ranging	MM400 Auto Ranging	MM500 Auto Ranging
Drop Protection	1 m	1 m	3 m
Ingress Protection	—	—	IP67
Safety	CAT III 600V	CAT III 600V	CAT III 600V
AC Voltage (Volts)	600V	600V	750V
DC Voltage (Volts)	600V	600V	750V
AC Current (Amps)	—	10A	—
DC Current (Amps)	10A	10A	—
Ohms (Resistance)	20MΩ	40MΩ	4000Ω
DC Millivolts	•	•	•
AC Milliamps	—	•	•
DC Milliamps	•	•	•
AC Microamps	—	•	•
DC Microamps	•	•	•
True RMS	—	—	—
Audible Continuity	•	•	•
Backlight	—	•	•
Temperature	—	-18° – 538°C	-18° – 538°C
Low Impedance	—	—	—
Auto Ranging	—	•	•
Range Hold	—	•	•
Data Hold	•	•	•
Diode Test	•	•	•
Capacitance Test	—	200 μF	200 μF
Frequency / Duty Cycle	—	1Hz – 50 KHz	1Hz – 50 KHz
Max / Min	—	•	—
Lead Warning	—	—	—
Bar Graph	—	—	—
Magnetic Mount	Available as an accessory	—	—
Auto-Power Off	—	•	•
Battery Test	•	—	—
LCD Display Count	2000	4000	4000



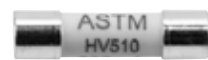
Multimeters

Selection

Cat. No.	Safety Rating	Batteries	Height	Width	Depth	Weight	Included Accessories
MM300	CAT III 600V	2 x AAA	152 mm	78 mm	45 mm	230 g	Test leads and batteries
MM400	CAT III 600V	2 x AAA	152 mm	78 mm	45 mm	230 g	Test leads, batteries and thermocouple
MM500	CAT IV 600V	2 x AAA	146 mm	70 mm	45 mm	227 g	Test leads
MM600	CAT IV 600V	2 x AAA	178 mm	90 mm	53 mm	414 g	Carrying case, test leads, thermocouple and batteries
MM700	CAT IV 600V	2 x AAA	178 mm	90 mm	53 mm	414 g	Carrying case, test leads, thermocouple, batteries and alligator clips

Multimeter Replacement Fuses

Cat. No.	For Use With	Fuse Type
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



69033



69192

⚠️ 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.

Digital Circuit Breaker Finder

- Quickly, accurately, and automatically find the corresponding circuit breaker of any standard 240V 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 305 m



ET300AU



Cat. No.	Height	Width	Depth	Weight
ET300AU	Receiver: 152 mm Transmitter: 71 mm	Receiver: 51 mm Transmitter: 48 mm	Receiver: 23 mm Transmitter: 31 mm	Receiver: 91 g Transmitter: 45 g

Borescope

- Use to view inaccessible areas
- Features a durable camera snake, a high resolution screen, mirror image and an adjustable LED work light
- IP67: Dustproof and waterproof camera
- **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 and instruction manual



ET510

Multiple Applications!

- Electrical
 - HVAC
 - Plumbing
 - Automotive
 - Aircraft
- Use to view inaccessible areas:
 - Inside a wall
 - Down the drain
 - In furnace or vent

Cat. No.	Batteries	Height	Width	Depth	Weight
ET510	Lithium-ion	666 mm	72 mm	39 mm	229 g

6 mm Borescope Camera

- IP67: Dustproof and waterproof camera
- Bright LED worklight
- Gooseneck design for greater control and positioning
- Smaller footprint when penetrating walls and panels



69451

Cat. No.	Dimensions	Weight
69451	6 mm x 2 m	156 g

1 m Borescope Camera Extension

- Extends the reach of 17 mm and 6 mm borescope cameras
- Up to two extensions may be used with 17 mm camera without loss of video quality 3 m
- Maximum of four extensions plus camera



69455

Cat. No.	Dimensions	Weight
69455	17 mm x 1 m	264 g

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

- Non-contact detection of standard voltage (48-1000V AC) in cables, cords, circuit breakers, lighting fixtures, switches, outlets and wires
- High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace
- Microprocessor controlled low-battery indicator
- Digitally controlled ON/OFF power button
- Auto Power-Off feature conserves and extends battery life
- Lightweight, durable with a convenient pocket-clip
- 3 m drop protection
- CAT IV 1000V safety rating provides expanded operation and protection
- Does NOT detect DC voltage



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



NCVT-2

Voltage Range	12 - 48 VOLTS AC (Low) NCVT-2 only	50 - 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 2x per second).	green LED turns off and red LED illuminates continuously



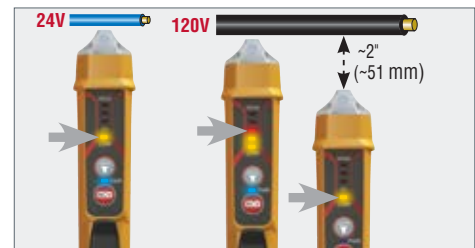
Cat. No.	Voltage Range	Frequency Range	Pollution Degree	Batteries	Overall Length	Width	Height	Weight	Weight w/Batteries
NCVT-1	50 - 1000V AC	50 - 500 Hz	2	2 x AAA	140 mm	18 mm	25 mm	23 g	46 g
NCVT-2	12 - 1000V AC	50 - 500 Hz	2	2 x AAA	140 mm	18 mm	25 mm	23 g	46 g

Non-Contact Voltage Tester with Flashlight (NCVT-3)

- Non-contact detection of voltage (12 - 1000V AC) in cables, cords, circuit breakers, light fixtures, switches, outlets and wires as well as voltage in security, entertainment, communications, environmental control and irrigation systems
- The visual indicator of the presence of voltage is an LED bar graph - the higher the voltage sensed, or the closer to the voltage source, the more LEDs light up
- Bright flashlight illuminates work area and may be used independent of NCVT
- Auto Power-Off feature conserves and extends battery life
- Lightweight, compact tool with pocket clip provides easy storage and quick access
- IP67: Dustproof and waterproof
- 2 m drop protection
- CAT IV 1000V safety rating
- Does NOT detect DC voltage



NCVT-3



Cat. No.	Voltage Range	Frequency Range	Pollution Degree	Batteries	Overall Length	Width	Height	Weight	Weight w/Batteries
NCVT-3	12 - 1000V AC	50 - 500 Hz	2	2 x AAA	148 mm	18 mm	0.60 kg	29 g	72 g

Continuity Tester

- Quickly reveals shorts or broken circuits in all types of electrical devices and controls
- Tests for continuity of circuit with power off
- Bulb in handle glows when circuit is complete (bulb included)
- Pointed 95 mm probe gets right to the problem
- Deluxe 102 mm long handle with removable nylon cap holds replaceable bulb and battery
- 915 mm test lead with alligator clip
- Uses one AAA battery (not included)



69133

Cat. No.	Overall Length	Weight
69133	1111 mm	6 g
Replacement Part		
69131	replacement bulb for Cat. No. 69133	1.13 g

Low-Voltage Tester

- Device for checking live 6-24V, AC or DC circuits
- Tests for shorts in automotive and truck electrical systems, motor field coils, radio and low-voltage circuits, ground circuits of all lamps, wiring, fuses, etc.
- Bulb in handle glows when circuit is complete (bulb included)
- Pointed 95 mm probe makes checking easier
- Deluxe 89 mm long handle with nylon top holds replaceable bulb
- 915 mm test lead with alligator clip



69127

Cat. No.	Overall Length	Weight
69127	1099 mm	6 g
Replacement Part		
69130	replacement bulb for Cat. No. 69127	0.3 g

Circuit Tester

- Tests circuits rated from 80 to 600 volts AC/DC
- High-visibility neon lamp indicator
- High-impact, sealed 144 mm probe on long 610 mm leads for convenience in testing motors, fuses, relays, switches, etc.
- Resistor between each probe and lead



69105

Cat. No.	Overall Length with Probes	Weight
69105	889 mm	68 g

Low-Voltage Twin-Lead Tester

- Tests 5-50 volt, AC or DC circuits and components
- Built-in lamp glows if circuit is live
- Each of the 114 mm test leads has an alligator clip on the end
- Handy pocket clip



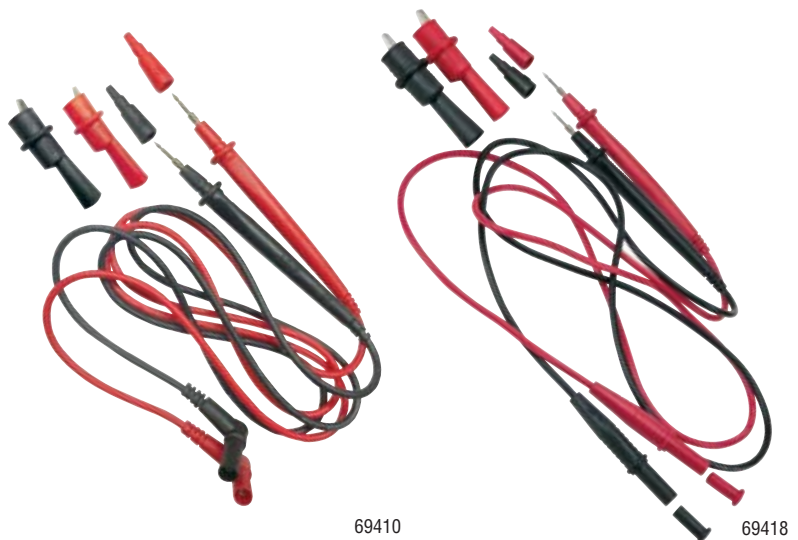
69134

Cat. No.	Overall Length	Weight
69134	203 mm	2 g

Replacement Test Lead Sets

- Safety Rating: Category IV 600V and CAT III 1000V
- Screw-on alligator clips attach to wires and other conductors
- Intended for use as replacement test leads for meters that have standard, banana-type input jacks
- Leads are 1,041 mm long
- Cat. No. 69410 replacement test-lead set for MM300, MM400, MM600 and MM700
- Cat. No. 69418 replacement test-lead set for CL110, CL210, CL310, CL600, CL700 and CL800
- The leads perform accurately with Klein Tools' meters and other manufacturer's meters

Cat. No.	Overall Length	Weight
69410	1041 mm	91 g
69418	1041 mm	96 g



69410

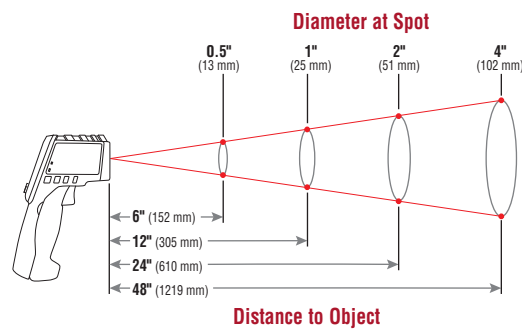
69418

IR5 Dual Laser Infrared Thermometer

- Optical Resolution (Distance-to-spot) is 12:1
- Features include dual-laser targeting; auto-scan; max/min/avg/diff; high/low alarm; backlit display; auto power-off
- Drop protection 2 m
- Measurement Range: -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 +/- -15.5° C plus 0.2 degrees per degree below 0° C



IR5



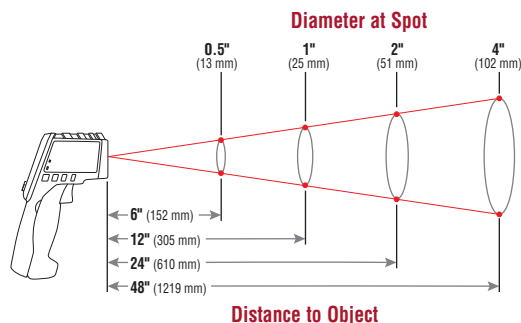
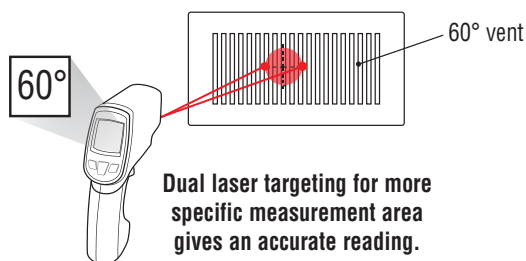
Cat. No.	Batteries	Height	Width	Depth	Weight
IR5	1 x 9V	173 mm	47 mm	115 mm	279 g

12:1 Dual Laser Infrared Thermometer

- Dual lasers for specific measurement areas
- Tight (12:1) distance-to-spot ratio for accurate target area temperature measurements
- Features a wide temperature measurement range: -60° to 550°C
- K-type thermocouple range: -64° to 1400°C
- Auto-scan and Max / Min / Average / Differential calculations
- Includes a temperature °F/°C button
- Has both a backlit display and worklight
- 2 m drop protection
- Accessories included: case, K-type thermocouple and batteries



IR2000A



Cat. No.	Batteries	Height	Width	Thickness	Weight
IR2000A	2 x AAA	172 mm	47.5 mm	47 mm	255 g

Magnetic Hangers

- Durable nylon weave resists wear and tear
- For use with MM300, MM400, MM600 and MM700 multimeters, and CL600, CL700 and CL800 clamp meters
- 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	Weight
69190	Electrician's previous generation multimeters	31 g
69417	Electrician's multimeters and clamps	31 g



69190



69417

TRADESMAN PRO™

Carrying Cases

- Two layers of padding protect for meters, testers, infrared guns and small tools
- Heavy-duty zipper and rugged PVC coated polyester for durability
- Pockets for quick access and organization
- Loop with snap closure to attach to belts, bags and backpacks

Cat. No.	Width	Height	Depth	Weight
69406	114 mm	235 mm	57 mm	0.17 kg



69406

Multimeter Carrying Case

- Constructed of black 600 Denier Nylon
- Heavy-duty PVC zipper and zinc alloy zipper tag
- Exceptional resistance to abrasions, punctures and tears
- Easily fits the following Klein Tools test and measurement meters: MM300, MM400, MM600, MM700, CL110, CL210, CL310, CL600, CL700 and CL800
- Convenient storage for ET200 test and measurement products

Cat. No.	Width	Height	Depth	Weight
69401	102 mm	235 mm	57 mm	91 g



69401

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

Cat. No.	Lumens	Run Time	Drop Height	Batteries
56220	150 / 50	6 hrs / 10 hrs	1.8 m	3xAAA

Two Modes:



Spotlight

FL 1 STANDARD

150 Lumens 6h



Floodlight

FL 1 STANDARD

50 Lumens 10h



56220



Penlight

- Aluminium body with durable Cushion-Grip handle offers a safe and comfortable hold
- Sturdy clip attaches to pocket or shirt for hands-free access and availability
- Rubberized power button provides non-slip touch
- Soft-on feature for quick reference lighting; click to stay on for extended usage
- Impact and water resistant

Cat. No.	Lumens	Run Time	Drop Height	Batteries
56222	36	5 hrs	3 m	2xAAA



56222



Slide Focus Flashlight

- Aluminium flashlight with adjustable focus; slide head forward for spotlight, back for floodlight
- Durable Cushion-Grip handle for safe and comfortable hold
- Impact and water resistant
- Rubberized power button provides non-slip touch

Cat. No.	Lumens	Run Time	Drop Height	Batteries
56223	215	6 hrs	3 m	3xAAA



56223

Clip Light

- Rugged, durable rubber overmold for safe and comfortable grip
- Magnetized clip for hands-free options:
 - Clip to shirt or pocket
 - Mount on magnetic surface
- Two modes: High/Low
- Impact and water resistant



Cat. No.	Lumens	Run Time	Drop Height	Batteries
56221	150	6 hrs	3 m	3xAAA



56221

TRADESMAN PRO™ Work Light

- Swivel hook and magnet for hands free use
- Three AAA batteries included

Cat. No.	Diameter	Depth	Weight
55437	72 mm	38 mm	0.1 kg



55437



TRADESMAN PRO™ ORGANIZERS

Durable, versatile, functional and designed with the tradesperson in mind.

All Tradesman Pro™ bags have these features



1680D ballistic weave for durability

Multiple pockets sized specifically to fit all your tools for complete organization

Bright colored interior for easy tool visibility

Tough, durable molded bottoms to protect from the elements

Electrician's Backpack

Additional Features:

- 39 pockets for tons of tool storage
- Wide opening fits power drills, meters, flashlights, etc.
- Large front pocket easily fits cables and tools
- Hard molded pocket protects safety glasses, meters, etc.
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers

Cat. No.	Length	Width	Height	Pockets	Weight
55421BP-14	368 mm	190 mm	508 mm	39	2.7 kg



55421BP-14

Ultimate Electrician's Bag

Additional Features:

- 55 pockets for ultimate tool organization
- Wide opening fits power drills, meters, laptops, etc.
- Lock bars to keep bag propped open
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers
- Padded meter pockets



5541819-14

Cat. No.	Length	Width	Height	Pockets	Weight
554181914	483 mm	165 mm	406 mm	55	3.6 kg

TRADESMAN PRO™

Extreme Electrician's Tool Bag

Additional Features:

- 78 pockets for extreme tool storage
- Wide center with removable pockets for easy access to tools
- Hard molded pockets protect safety glasses, meters, etc.
- Lock bars to keep bag propped open
- Resized pockets to better fit tools
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



5541718-14

Cat. No.	Length	Width	Height	Pockets	Weight
554171814	445 mm	254 mm	356 mm	78	4.5 kg

TRADESMAN PRO™

Rolling Tool Bag

Additional Features:

- Rugged 152 mm 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



Molded kick plate to protect from the elements.



Wide open interior to accommodate large tools.



55452RTB

Cat. No.	Length	Width	Height	Pockets	Weight
55452RTB	483 mm	318 mm	356 mm	24	8.6 kg

TRADESMAN PRO™

254 mm Tote

Additional Features:

- 40 pockets for maximum tool storage
- Fully molded bottom to protect from the elements
- Double stitched seams for extra durability
- Resized pockets to better fit tools
- Large zipper pockets for tools and small parts
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



5541610-14

Cat. No.	Length	Width	Height	Pockets	Weight
5541610-14	254 mm	260 mm	311 mm	40	2.7 kg

TRADESMAN PRO™

127 mm Tote

Additional Features:

- 20 pockets for greater tool storage
- Fully molded bottom to protect from the elements
- Double stitched seams for extra durability
- Resized pockets to better fit tools
- Large zipper pockets for tools and small parts
- Shoulder strap with extra padding
- Longer pockets for screwdrivers



554158-14

Cat. No.	Length	Width	Height	Pockets	Weight
554158-14	222 mm	222 mm	432 mm	20	2.3 kg

TRADESMAN PRO™

Hard Cases

- Hard shell protects tools, meters, small parts and tech devices
- Soft interior lining
- Durable zipper closure

Cat. No.	Width	Height	Depth	Weight
5184	165 mm	222 mm	57 mm	0.28 kg
5189	140 mm	260 mm	57 mm	0.28 kg



5189



5184

Canvas Tool Bags - Multiple Pockets, Leather Bottom

- Steel-frame mouth with hinge for rugged use
- Internal and external pockets in a variety of sizes
- Constructed of strong No. 8 natural canvas
- Reinforced bottom supports heavy tools, blocks moisture and provides durability at wear points
- Wide opening provides easy access to large tools
- Bottom is protected from the elements by 6 studs
- Includes: Shoulder strap mounts (optional shoulder strap available, Cat. No. 58889), external pocket, leather bottom and 76 mm of sides covered with black leather, 51 mm wide web handles, leather handle wrap and external tool loop handle in the webbing

Cat. No.	Interior Pockets	Exterior Pockets	Length	Width	Height	Retaining Straps	Weight
5003-18	10	1	457 mm	152 mm	356 mm	1	2 kg
5003-20	14	1	508 mm	152 mm	381 mm	2	2 kg



5003-18

Bull-Pin and Bolt Bags

- No. 4 canvas or split-leather, with double bottom
- Bolt bag with bull-pin loop on each side

Cat. No.	Belt Connection	Belt Width	Dimensions	Weight
Canvas				
5416T	Tunnel	Up to 76 mm	127 mm x 229 mm x 254 mm	0.41 kg
Canvas - Drawstring Top Closing				
5416TC	Tunnel	Up to 76 mm	127 mm x 229 mm x 254 mm	0.39 kg



5416TC

Mid-Size Compartment Boxes

- Offered with a choice of compartment sizes and arrangements
- Strong, rigid, heavy-duty welded construction
- Full-length, piano hinged covers are designed to stay open for easy access
- Carrying handle and positive pull-down locking catch
- Heavy, metallic gray baked-enamel finish
- High-impact styrene construction
- Scoop-bottom design for easy parts removal and cleaning

Cat. No.	Number of Compartments	Compartment Sizes	Length	Width	Height	Weight
54439	20	67 mm x 59 mm	248 mm	338 mm	51 mm	2 kg



54439

Load Rated Canvas Buckets

LOAD RATED

Durable, straight-wall and tapered-wall buckets are made of heavy-duty canvas

▲WARNINGS:

- Inspect for damage before each use.
- Remove from service if bucket shows signs of wear.
- Never exceed the working load limit.

Leather-Bottom Buckets

Additional Features:

- Leather reinforced bottom
- Leather cuff extends 76 mm up the side
- High-density polyethylene top ring for strength and chemical resistance
- Inside pocket measures 203 mm x 203 mm
- Cat. Nos. 5104 and 5104S feature a web strap that extends down the side of the bucket
- Cat. No. 5104VT features top with Velcro® brand fasteners and multiple attachment loops for easy access and storage

LOAD RATED
45 kg

Cat. No.	Canvas Type	Diameter	Height	Special Features	Weight
5104	No. 4	305 mm	432 mm	—	1.2 kg
5104S				Swivel Snap (Cat. No. 2012)	1.3 kg
5104VT	No. 1			VELCRO® Closure	1.4 kg

VELCRO® is a registered trademark of Velcro Industries B.V.



5104S



5104VT

Wide Opening Straight-Wall Buckets

Additional Features:

- Black molded polypropylene bottom with drain holes
- Web strap extends down the side of the bucket
- High-density polyethylene top ring for strength and chemical resistance

LOAD RATED
68 kg

LOAD RATED
34 kg

Cat. No.	Canvas Type	Diameter	Height	Special Features	Load Rating	Weight
5109	No. 6	305 mm	381 mm	—		0.93 kg
5109S				Swivel Snap (Cat. No. 2012)	34 kg	1.06 kg
5109PS				One 203 x 203 mm Inside Pocket and Swivel Snap (Cat. No. 2012)		1.08 kg
5109SLR	No. 4			—	68 kg	2.70 kg



5109SLR



5109PS

Heavy Duty Top Closing Buckets

Additional Features:

- No. 1 canvas
- Top of bucket zips closed
- 356 mm diameter accommodates standard 19 litre bucket
- Web strap extends down the side of the bucket
- Leather reinforced bottom extends 76 mm up the side
- Durable steel rim



Holds 19 litre bucket (not included)

Cat. No.	Diameter	Height	Weight
5104CLR17	356 mm	432 mm	3.04 kg
5104CLR22	356 mm	559 mm	3.15 kg

⚠WARNING: Completely close top before each use.

LOAD RATED
68 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 225 kg

Cat. No.	Length	Width	Weight
1702-20N	2.1 m	25.4 mm	0.88 kg

⚠WARNING: This is NOT an occupational protective device. NOT for human support.



1702-20N

Warning Symbols

 Safety alert symbol: Indicates a hazard.	 Do NOT use to pry.	 It is important that users of these products read, understand, and follow all instructions, cautions, and warnings that are attached to and/or packed with the product.
 Always ensure that you and the persons in the vicinity wear approved eye protection.	 Do NOT use to chisel.	
 NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.	 Do NOT extend handle length.	 Wear approved hand protection.
Never use on or near live electrical circuits.	 Do NOT use to push or hammer.	 Use a safe work position to avoid loss of balance.

Test and Measurement

⚠️ WARNINGS:

- To ensure safe operation and service of the tester, follow these instructions. Failure to observe these warnings can result in severe injury or death.
- Before each use, verify meter operation by measuring a known voltage or current.
- Never use a meter on a circuit with voltages that exceed the category based rating of the meter.
- Do not use the meter during electrical storms or in wet weather.
- Do not use the meter or test leads if they appear to be damaged.
- Ensure meter leads are fully seated, and keep fingers away from the metal probe contacts when making measurements.
- Never assume neutral or ground wires are de-energized. Neutrals in multi-wire branch circuits may be energized when disconnected and must be retested before handling.
- Do not open the meter to replace batteries while the probes are connected.
- Use caution when working with voltages above 60V DC, or 25V AC RMS. Such voltages pose a shock hazard.
- To avoid false readings that can lead to electrical shock, replace batteries if a low battery indicator appears.
- Unless measuring voltage or current, shut off and lock out power before measuring resistance or capacitance.
- Always adhere to local and national safety codes. Use individual protective equipment to prevent shock and arc blast injury where hazardous live conductors are exposed.

Non-Contact Voltage Tester (Additional Warnings)

⚠️ WARNINGS:

- Use caution with voltages above 30V AC as a shock hazard may exist.
- A single blinking LED or a steady glowing LED and an audible beep indicate voltage present. If no indication, voltage could still be present.
- Before and after each use, verify operation by testing a known working circuit that is within the rating of this unit.
- The tester WILL NOT detect voltage if:
 - The wire is shielded.
 - The operator is not grounded or is otherwise isolated from an effective earth ground.
 - The voltage is DC.
- The tester MAY NOT detect voltage if:
 - The user is not holding the tester.
 - The user is insulated from the tester with a glove or other materials.
 - The wire is partially buried or in a grounded metal conduit.
 - The tester is at a distance from the voltage source.
 - The field created by the voltage source is being blocked, dampened, or otherwise interfered with.
 - The frequency of the voltage is not a perfect sine wave between 50 and 500Hz.
 - The tester is outside of operation conditions (listed in Specifications section).
- Operation may be affected by differences in socket design and insulation thickness and type.
- In bright light conditions, the LED visual indicators will be less visible.
- Do not use if "power on" LED is not illuminated.
- Do not use if tester appears damaged or is not operating properly. If in doubt, replace the tester.
- Do not apply more than the rated voltage as marked on the tester (1000V).
- Detection above 12V is specified under "normal" conditions as specified below. The tester may detect at a different threshold at different conditions, or may not detect at all unless:
 - The tip of the tester is within 0.25' of an AC voltage source radiating unimpeded.
 - The user is holding the body of the tester with his or her bare hand.
 - The user is standing on or connected to earth ground.
 - The air humidity is nominal (50% relative humidity – non-condensing).
 - The tester is held still.
- Always wear approved eye protection.
- Comply with local and national safety requirements.
- If this product is used in a manner not specified by the manufacturer, protection provided by the product may be affected.
- Do not attempt to repair this tester. It contains no serviceable parts.
- Do not expose the product to extremes in temperature or high humidity.

Insulated Tools



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

⚠️ 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.



For Your Mining and Industrial Needs,
Flip the Book Around

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