CONTRACTOR RESOURCE

ESSENTIAL PRODUCTS FOR CONTRACTORS

KLEIN
®
EST. 1857
TOOLS

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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 every day. Because our standards are as high as yours, we demand that every product we offer delivers all the performance, durability and precision that you need to get the job done right.

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

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

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

That's why we're the #1 choice of Professional Electricians in the USA

KLEIN TOOLS

POWER PRODUCTS

Portable Power Stations and Solar Panel

- Delivers Pure Sine-Wave AC power
- Built-in Lithium-ion battery pack allows for safe indoor use
- Two models charge and power multiple devices
  - 505 Wh features two 120V outlets, four USB ports (60W USB-C PD, USB-C and 2 x USB-A) and a 12V car port
  - 983 Wh features four 120V outlets, six USB ports (3 x 60W USB-C PD and 3 x USB-A) and a 12V car port
- Power to run hammer drills, miter saws and more (Cat. No. KTB1000)
- Lightweight design and collapsible handle maximize portability (Cat. No. KTB500)
- Enough capacity to power a 5,000 lumen, 50W work light for 16 hours (Cat. No. KTB1000) or 8 hours (Cat. No KTB500)
- Extended run time of your KTB1000 or KTB500 with the **60W Portable Solar Panel** (Cat. No. 29250)
  - Charge power banks, power stations, and portable batteries
  - Chain an additional panel (up to 120W) to collect more solar power and increase charge times
  - Foldable to easily carry on the jobsite

KTB1000

29250

KTB500

KTB500

Cat. No.	Description	AC Power	Number of Outputs	USB Ports	Recharge Time	Solar Panel (29250) Compatibility	Included
KTB1000	Portable Power Station, 983Wh	1500W	11	6	2.5 hrs fast charging (80% charge) 7.5 hrs standard charging (80% charge)	Up to 2 panels	Fast charger, mobile charger, 12V car port adapter
KTB500	Portable Power Station, 505Wh	500W	7	4	8-10 hrs standard charging (Full charge)	1 panel	Wall charger, 12V car port adapter

Cat. No.	Description	Wattage	Amperage	Voltage	Ports	Cable Size	Included
29250	Solar Panel	60	3.34A Maximum	18V Maximum	Output: APP®: 18V/3.34A USB-A: 5V/3.0A Input: APP® USB-A Port	16 AWG	Powerpole® to 8mm DC Adapter, APP® Output Cable and USB-A Output Port

Times and charges are approximate, and not additive, and may vary by application, and ambient environmental conditions.
Anderson Powerpole® is a registered trademark of Anderson Power Products, Inc.

1

UTILITY LED LIGHT

Utility LED Light

- Cordless LED Light illuminates both the inside of a utility bucket and the outside working area
- Clamp function locks to either the straight wall or corner of most utility buckets for optimal positioning
- Rotates 300° horizontally and 180° vertically for maximum exposure
- Flood, Spot and both Flood-Spot settings provide a variety of lighting options up to 2,500 lumens
- Second light in mounting handle illuminates the inside of the utility bucket to find tools fast
- Sturdy build to work standalone
- Powered by DEWALT 20V lithium-ion batteries; fits up to 8 Ah batteries (sold separately or with Cat. No. BAT20UBL1)
- Kit (Cat. No. BAT20UBL1) includes two 4 Ah batteries and a charger

FL 1 STANDARD
SPOT
900 Lumens 8.5h
FLOOD
1600 Lumens 5h
SPOT/FLOOD
2500 Lumens 3.5h
IP56

BAT20UBL

BAT20UBL1

Cat. No.	Description	Lumens	Included
BAT20UBL	Utility LED Light	• Spot: 900 Lumens - 8.5 hours (using 20V 4Ah battery) • Flood: 1600 Lumens - 5 hours (using 20V 4Ah battery) • Spot + Flood: 2500 Lumens - 3.5 hours	Light
BAT20UBL1	Utility LED Light Kit		Light, 4 AH batteries (2x) and charger

*DEWALT® is a registered trademark of the Black & Decker corporation.

POWERED BY DEWALT

Pliers with Tether Ring

- High-leverage designs. Rivet is closer to the cutting edge for greater cutting power than other plier designs
- Angled head design of the diagonal-cutting pliers allows for easy work in confined spaces
- Side-cutting pliers feature a streamlined design with sure-gripping, cross-hatched knurled jaws
- Cat. No. D248-9STT, D213-9STT and D201-7CSTT feature a hook-bend in the handle for added grip and leverage
- Unique handle tempering helps absorb the "snap" when cutting wire

WORK@ HEIGHT

MADE IN USA

Split ring for tethering

D228-8TT   D248-9STT   D213-9NETT   D502-10TT   D201-7CSTT

Cat. No.	Jaw Capacity	Handle Color	Handle Finish	Overall Length
Pump Pliers				
D502-6TT	0.875" (22 mm)	Yellow	Plastic-Dipped	11.25" (285.8 mm)
D502-10TT	1.75" (44.5 mm)			8" (203 mm)
D502-12TT	2.375" (60 mm)			13" (330 mm)

Cat. No.	Nose Type	Jaw Length	Jaw Thickness	Jaw Width	Knife Length	Overall Length
High-Leverage Diagonal-Cutting Pliers						
D228-8TT	—	13/16" (21 mm)	7/16" (11 mm)	1-3/16" (30 mm)	—	8-1/16" (205 mm)
D248-9STT	—	13/16" (21 mm)	7/16" (11 mm)	1-3/16" (30 mm)	—	9-3/16" (233 mm)
High-Leverage Side-Cutting Pliers						
D213-9NETT	New England	1-19/32" (41 mm)	5/8" (16 mm)	1-1/4" (32 mm)	25/32" (20 mm)	9-3/8" (238 mm)
D213-9STT	Square	1-9/32" (33 mm)	5/8" (16 mm)	1-1/4" (32 mm)	25/32" (20 mm)	9-1/8" (232 mm)
D201-7CSTT	Square	1-9/32" (33 mm)	1/2" (13 mm)	1-5/32" (29 mm)	5/8" (16 mm)	9-1/4" (235 mm)

Tool Tethers

- Keep your tools close at hand when working at height

Cat. No.	Maximum Load Capacity	Relaxed Length	Stretched Length
TT1	10 lbs (4.5 kg)	32" (81.3 cm)	60" (152.4 cm)
TT2	15 lbs (6.8 kg)		51" (129 cm)

TT1   TT2

3

Fish Tapes

- Multi-grip handle gives you a firm, steady grip as you pull tape from the case
- Slip-resistant housing geometry improves winding power and reduces binding
- Polypropylene case and handle offer impact resistance
- Laser etched markings in 1' (0.3 m) increments allow you to more accurately measure the depth of conduit runs and determine the amount of tape left to pay out
- Designed to decrease payout effort by optimizing the tape payout angle
- Unique, low friction case reduces binding

MADE IN USA

Cat. No.	Tape Material	Length	Width	Reel Diameter	End/Leader
56350	Fiberglass	50' (15 m)		13" (330.2 mm)	Spiral Steel Leader
56351		100' (30 m)		13" (330.2 mm)	
56014		200' (61 m)		17" (432 mm)	
56382	Multi-Groove Fiberglass	50' (15 m)	3/16" (5 mm)	13" (330.2 mm)	Nylon Tip
56383		100' (30.5 m)		13" (330.2 mm)	
56059		200' (61 m)		17" (432 mm)	
56380		100' (30 m)		13" (330.2 mm)	Spiral Steel Leader
56056		200' (61 m)		17" (432 mm)	
Wide Steel Fish Tapes					
56002	Stainless Steel	65' (20 m)	1/8" (3 mm)	9" (229 mm)	Spiral Steel Leader
56340		125' (38 m)	1/8" (3 mm)	13" (330 mm)	Double-Loop
56341		240' (73 m)	1/8" (3 mm)	13" (330 mm)	
56335	Steel	25' (8 m)	1/4" (6.3 mm)	7" (178 mm)	Slim Plastic Tip
56006		100' (30 m)	1/8" (3 mm)	13" (330 mm)	Double-Loop
56331		50' (15 m)	1/8" (3 mm)	13" (330 mm)	
56333		120' (37 m)	1/8" (3 mm)	7" (178 mm)	
56003		125' (38 m)	1/8" (3 mm)	13" (330 mm)	
56334		200' (61 m)	1/4" (6.3 mm)	13" (330 mm)	
56013	Spiral Steel	50' (15 m)	3/16" (4.8 mm)	13" (330 mm)	Fiberglass

Fiberglass

7" Spiral Leader

Non-Conductive
eyelet tip offers added protection against shock from energized sources.

Stainless / Flat Steel

Laser Etched Markings
in 1 foot increments allow you to more accurately measure the depth of conduit runs and determine the amount of tape left to pay out.

When compared to the published price of Klein Tools fiberglass fish tapes.

Fish Tape Accessories

Cat. No.	Description	Notes
50350	13" Flexible Fish Tape Leader	• For use with 1/8" wide steel fish tapes
56115	Fiberglass Fish Tape Repair Kit	• Includes (1) High Leverage Crimper, (2) 7" Flexible Leaders, (2) Eyelets, (1) Tube Quick-Drying Glue
56025	Non-conductive Fish Tape Repair Kit	• (2) Non-Conductive Eyelets, (1) Tube Quick-Drying Glue
56120	Fiberglass Fish Tape Replacement Leaders	• 2-Pack for use with 3/16" wide fiberglass fish tapes
56116	Fiberglass Fish Tape Replacement Eyelets	• 6-Pack for use with 3/16" wide fiberglass fish tapes
50351	Steel Fish Tape Swivel Eyelet	• For use with 1/8" wide steel fish tapes
56106	Composite Fish Tape Puller	• Improved grip while pulling round-diameter, composite fish tapes • Fits conveniently into center of 13" (330 mm) Fish Tape case for easy storage
56108	500' Poly Pull Line	1-quart container with orange trace 210 lbs. average breaking strength
56110	6500' Poly Pull Line	5 gallon bucket with orange trace 210 lbs. average breaking strength

56025

56106

Glow Fish Tape

- 20' Fish Tape features unique glow-in-the-dark fiberglass tape and nylon tip
- Clear housing allows the glow material to charge in the case
- Fully removable from case for more versatile application such as pass-through wire feeding
- Anchoring end utilizes stainless steel connector that is compatible with Klein Fish Rod attachments (Cat. No. 56511)
- Alignment mark on case makes for easy re-installation into housing
- Patent Pending

50550

Cat. No.	Tape Material	Length	Reel Diameter	End/Leader
50550	Fiberglass	20' (6 m)	7.5' (19 cm)	Glow-in-the-Dark Nylon Eyelet

Fish Rods and Sets

56312

56406

56109

Cat. No.	Description	
56406	6' Hi-Flex Glow Rod with Splinter Guard™ Coating	
56109	6' Hi-Flex Glow Rod Set	

Cat. No.	Description	Set Contains
Fish and Glow Rod Sets		
56312	12' Lo-Flex Fish Rod Set	(3) 1/4" Diameter 4' Fish Rods with Bullet Nose and Hook Attachments
56324	24' Lo-Flex Fish Rod Set	(4) 1/4" Diameter 6' Fish Rods with Bullet Nose and Hook Attachments
56325	25' Fish and Glow Rod Set	(5) 1/4" Diameter 4' Fish Rods, (1) 3/16" Diameter 5' Glow Rod with Bullet Nose and Hook Attachments
56409	9' Mid-Flex Glow Rod Set	(6) 3/16" Diameter 18" Glow Rods with Bullet Nose and Hook Attachments
56415	15' Mid-Flex Glow Rod Set	(3) 3/16" Diameter 5' Glow Rods with Bullet Nose and Hook Attachments
56418	18' Hi-Flex Glow Rod Set	(3) 5/32" Diameter 6' Glow Rods with Bullet Nose and Hook Attachments
56430	30' Glow Rod Set	(6) 3/16" Diameter X 5' Glow Rods. These Lightweight, Extra-Durable Mid-Flex Glow Rods Assemble Up To A Full 30-Feet
56400	33' Splinter Guard™ Fish and Glow Rod Kit	8 Rods Including: (2) 48" Long, 1/4" Diameter Low-Flex Fish Rods, (2) 18" Long and (2) 60" Long 3/16" Diameter Mid-Flex Glow Rods, (2) 72" Long 5/32" Diameter Hi-Flex Glow Rods (7) Attachments (1) Carrying Bag
SRS56980	33' Deluxe Fish Rod Set, 19-Piece	(10) Fish Rods, (8) Attachments, (1) Carrying Tube
SRS56981	52' Mega Fish Rod Kit, 34-Piece	(13) Rods, (3) Swivel Rods, (12) Attachments, (5) Glow-in-The-Dark Attachments, (1) Carrying Tube

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

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

5 Attachments Included
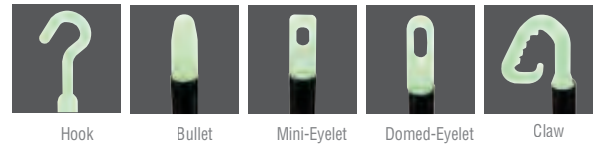
| Hook | Bullet | Mini-Eyelet | Domed-Eyelet | Claw |

SRS56038

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

Wire Pulling Accessories
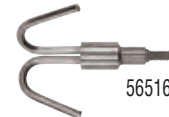
56119   56512   56516

Cat. No.	Description	Features
56119	Illuminated Fish Rod Tip	Bright white omni-directional long life LED light
56511	Fish Rod Attachment Set, 7-Piece	Includes Bullet Nose, Double-S hook, Whisk, Chain, Magnet, Twin hook, Single hook and a carrying case
56512	Double-S Hook Fish Rod Attachment	• Grabs and holds wire and cable in difficult pulling applications • Fits all Klein Tools fish and glow rods
56513	Whisk Replacement Part, Fish Rod Attachment	• Guides fish rod over and past obstacles • Fits all Klein Tools fish and glow rods
56514	Chain Replacement Part, Fish Rod Attachment	• Works with the Magnet attachment (Cat. No. 56515) to fish wire or cable in blind applications • Fits all Klein Tools fish and glow rods
56515	Magnet Replacement Part, Fish Rod Attachment	• Works with the Chain attachment (Cat. No. 56514) to fish wire or cable in blind applications • Fits all Klein Tools fish and glow rods
56516	Twin Hook Replacement Part, Fish Rod Attachment	• Grappling-style hook for difficult wire retrieval • Attaches to the end of the Whisk accessory (Cat. No. 56513) • Fits all Klein Tools fish and glow rods
56517	Single Hook and Bullet Fish Rod Attachment	• Single hook easily grabs and retrieves wire or cable • Fits all Klein Tools fish and glow rods
56118	WireSpanner™ Carry Case	Protective carrying case
56401	Fish Rod Carrying Bag	Store and protect all your rods and accessories in one place

Premium Synthetic™ and Foam Wire Pulling Lubricants

- High-perfomance lubricants designed for a variety applications
- Foam lubricant is applied directly into the conduit. No need to pre-coat wires

Cat. No.	Size	Type	Container	Working Temperature
51028	1 Quart (0.9 L)	Clear	Squeeze Bottle	
51010	1 Quart (0.9 L)		Squeeze Bottle	
51012	1 Gallon (3.8 L)	Wax	Bucket	
51013	5 Gallon (18.9 L)		Bucket	20° F to 122° F (-6° C to 50° C)
56117	1 Quart (0.9 L)		Squeeze Bottle - 6-Pack	
51015	1 Quart (0.9 L)	Polymer	Squeeze Bottle	
51017	1 Gallon (3.8 L)		Bucket	
51018	5 Gallon (18.9 L)		Bucket	
51100	19 oz (.06 L)	Foam	Aerosol Can	40° F to 100° F (4° C to 38° C)

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

4x *Greater Yield than gels/waxes**

=

51100   51028   51018

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

⚠**WARNING:** Contents under pressure. Do not expose container to direct sunlight or temperatures above 120°F. Do not transport or store near heat sources. Keep cans dry and away from sources of ignition. If frozen, gradually warm to room temperature.

WireSpanner™ plus—Telescopic Pole

- Easily retrieve cable from a distance without needing an extra pair of hands
- Quick easy extension with friction-twist lock design
- Stays locked in place and will not spin loose or collapse
- Padded shoulder strap included

Cat. No.	Description
SRS56036	WireSpanner™ plus - Telescopic Pole 18' (5.5 m)

SRS56036

Magnetic Wire Pulling System

- Route cables in enclosed spaces – through wall, floor and ceiling voids by yourself
- Innovative leader-pull design can navigate many obstructions
- Swivel leader eyelet securely connects to most wires and mesh wire pulling grips
- Non-marring nylon leader-pull with 20' (6 m) of heavy-duty nylon rope
- Convenient spool and protective storage tube

Cat. No.	Description
SRS56037	Magnetic Wire Pulling System

Turn a two person job into a one person job

SRS56037

Wire Marker Books

- Labels easily dress each side of the panel with separate pages of odd or even markers

Cat. No.	Description
56250	Black numbers 1 – 48
56251	120/240V black, blue, red 1 – 48
56252	277/480V brown, orange, yellow 1 – 48
56253	Black letters, numbers, symbols
56254	Household Panel
56255	Household Electric Panel with Directory

CONDUIT BENDERS

Conduit Benders with Patented Angle Setters™

- Heavy duty cast ductile **IRON BENDERS** (CAT. NOS. 51603, 51604, 51605) have the durability needed on the jobsite
- **ALUMINUM BENDERS** (CAT. NOS. 51606, 51607) have an easy handling head reinforced for added strength
- Angle Setter ™ technology (Cat. No. 51611, 51612, 51613) increases conduit bending accuracy while reducing bending time
- Include common bend types such as offsets and saddles
- The wide foot pedal provides excellent stability and features angled grooves for extra traction
- Easily visible bold cast-in benchmark symbols, degree scales and multiplier scales help save time on the job
- Interior hook surface and conduit track prevents conduit from rolling or twisting during bends
- Include markings for 10°, 22.5°, 30°, 45°, and 60°

51603

51604

Cat. No.	Description	Dimensions	
Assembled Conduit Benders			
51603	Iron Conduit Bender w/ Angle Setter™ , 1/2" EMT	Handle: 1.2" x 38.0" (3.0 x 96.5 cm)	Head: 1.7" x 8.1"x 5.2" (4.4 x 20.5 x 13.1 cm)
51604	Iron Conduit Bender w/ Angle Setter™ , 3/4" EMT	Handle: 1.2" x 38.0" (3.0 x 96.5 cm	Head: 1.9" x 9.8"x 6.2" (4.8 x 24.8 x 15.6 cm)
51605	Iron Conduit Bender w/ Angle Setter™ , 1" EMT	Handle: 1.3" x 44.0" (3.4 x 111.8 cm)	Head: 2.5" x 12.9"x 8.2" (6.4 x 32.9 x 20.7 cm)
51606	Aluminum Conduit Bender, w/ Angle Setter™ , 1/2" EMT	Handle: 1.2" x 38.0" (3.0 x 96.5 cm)	Head: 1.7" x 8.1"x 5.2" (4.4 x 20.4 x 13.1 cm)
51607	Aluminum Conduit Bender, w/ Angle Setter™ , 3/4" EMT	Handle: 1.2" x 38.0" (3.0 x 96.5 cm)	Head: 1.9" x 9.8"x 6.2" (4.8 x 24.8 x 15.6 cm)
Conduit Bender Heads			
51608	Iron Conduit Bender Head, 1/2" EMT	1.7" x 8.1"x 5.2" (4.4 x 20.5 x 13.1 cm)	
51609	Iron Conduit Bender Head, 3/4" EMT	1.9" x 9.8"x 6.2" (4.8 x 24.8 x 15.6 cm)	
51610	Iron Conduit Bender Head, 1" EMT	2.5" x 12.9"x 8.2" (6.4 x 32.9 x 20.7 cm)	
Replacement Angle Setters™			
51611	1/2" Angle Setter™ (2 pack)	1.8" x 0.8"x 0.9" (4.6 x 2.0 x 2.2 cm)	
51612	3/4" Angle Setter™ (2 pack)	2.4" x 1.0"x 1.0" (6.1 x 2.6 x 2.6 cm)	
51613	1" Angle Setter™ (2 pack)	2.9" x 1.3"x 1.1" (7.3 x 3.3 x 2.8 cm)	

Angle Setters™

51611

Bi-Metal Hole Saws

- Optimized for cutting steel, including stainless steel
- Cuts precise holes in stainless steel and mild steel, drywall, ceiling tile, laminates, wood and plastic
- Multiple slots provide different leverage points to easily remove material
- Heavy-duty steel construction includes 5 mil back plate to withstand abuse
- Arbors for use with electric drill sizes 1/2" (12.7 mm) and larger

31922 31932 31914 31918

Cat. No.	Saw Diameter	Pipe Tap Size*	Pipe Entrance Size**	For use with Arbor No.	Electrician's Hole Saw Kits 31902 8-Pc	32905 5-Pc
31914	7/8" (22 mm)	3/4" (19 mm)	1/2" (13 mm)	31905	●	●
31918	1-1/8" (29 mm)	1" (25 mm)	3/4" (19 mm)		●	●
31922	1-3/8" (35 mm)	–	1" (25 mm)	31905 or 31906	●	●
31928	1-3/4" (44 mm)	1-1/2" (38 mm)	1-1/4" (32 mm)		●	—
31932	2" (51 mm)	–	1-1/2" (38 mm)		●	—
31940	2-1/2" (64 mm)	–	2" (51 mm)		●	—
31944	2-3/4" (70 mm)	–		31906	—	—
31948	3" (76 mm)	–	2-1/2" (64 mm)		—	—
31958	3-5/8" (92 mm)	–	3" (76 mm)		—	—
31972	4-1/2" (114 mm)	–	4" (102 mm)		—	—
31900	6-3/8" (162 mm)	–	6" (152.4 mm)		—	—

Hole-Saw Arbor Bits

Cat. No.	Thread Length	Shank Diameter	Pins	For Use With		
31905	1/2"-20	3/8"	N	All Klein Hole Saws	●	●
31906	5/8"-18	7/16"	Y	Klein Hole Saws 1-3/8" to 6-6/8" (35 mm to 162 mm)	●	—

Replacement Part

Cat. No.	Description		
31907	Replacement Pilot Bit, 1/4 x 3-1/2"	—	●

*Pipe Tap Size - Reference at the bottom

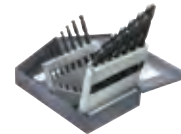## Regular-Point 118° High-Speed Drill Bits

- General-purpose, high-speed bits for reliable performance in a wide range of materials
- Standard jobber length
- Black-oxide finish reduces chip welding
- Lightly roughened surface has higher lubricity for easier chip flow

MADE IN USA

53000 53001 53002

Cat. No.	Overall Length	Bit Diameter	Flute Length	Drill Bit Sets 53000 29-Piece	53001 15-Piece	53002 13-Piece
53100	1.875" (47.6 mm)	1/16" (1.59 mm)	0.875" (22.2 mm)	●	●	●
53101	2" (50.8 mm)	5/64" (2.0 mm)	1" (25.4 mm)	●	—	●
53102	2.25" (57.2 mm)	3/32" (2.4 mm)	1.25" (31.8 mm)	●	●	●
53103	2.625" (66.7 mm)	7/64" (2.8 mm)	1.5" (38.1 mm)	●	—	●
53104	2.75" (69.9 mm)	1/8" (3.2 mm)	1.625" (41.3 mm)	●	●	●
53105	2.875" (73 mm)	9/64" (3.6 mm)	1.75" (44.5 mm)	●	—	●
53106	3.125" (79.4 mm)	5/32" (4.0 mm)	2" (50.8 mm)	●	●	●
53107	3.25" (82.6 mm)	11/64" (4.4 mm)	2.125" (54 mm)	●	—	●
53108	3.5" (88.9 mm)	3/16" (4.8 mm)	2.313" (58.8 mm)	●	●	●
53109	3.625" (92.1 mm)	13/64" (5.2 mm)	2.438" (61.9 mm)	●	—	●
53110	3.75" (95.3 mm)	7/32" (5.6 mm)	2.5" (63.5 mm)	●	●	●
53111	3.875" (98.4 mm)	15/64" (6.0 mm)	2.625" (66.7 mm)	●	—	●
53112	4" (101.6 mm)	1/4" (6.4 mm)	2.75" (69.9 mm)	●	●	●
53113	4.125" (104.8 mm)	17/64" (6.7 mm)	2.875" (73 mm)	●	—	—
53114	4.25" (108 mm)	9/32" (7.1 mm)	2.938" (74.6 mm)	●	●	—
53115	4.375" (111 mm)	19/64" (9.1 mm)	3.0625" (77.8 mm)	●	—	—
53116	4.5" (114.3 mm)	5/16" (7.9 mm)	3.188" (81 mm)	●	●	—
53117	4.625" (117.5 mm)	21/64" (8.3 mm)	3.313" (84.2 mm)	●	—	—
53118	4.75" (120.7 mm)	11/32" (8.7 mm)	3.438" (87.3 mm)	●	●	—
53119	4.875" (123.8 mm)	23/64" (9.1 mm)	3.5" (88.9 mm)	●	—	—
53120	5" (127.0 mm)	3/8" (9.5 mm)	3.625" (92.1 mm)	●	●	—
53121	5.125" (130.2 mm)	25/64" (9.9 mm)	3.75" (95.3 mm)	●	—	—
53122	5.25" (133.4 mm)	13/32" (10.3 mm)	3.875" (98.4 mm)	●	●	—
53123	5.375" (136.5 mm)	27/64" (10.7 mm)	3.938" (100 mm)	●	—	—
53124	5.5" (139.7 mm)	7/16" (11.1 mm)	4.063" (103.2 mm)	●	●	—
53125	5.625" (142.9 mm)	29/64" (11.5 mm)	4.188" (106.4 mm)	●	—	—
53126	5.75" (146.1 mm)	15/32" (11.9 mm)	4.313" (109.6 mm)	●	●	—
53127	5.875" (149.2 mm)	31/64" (12.3 mm)	4.375" (111.1 mm)	●	—	—
53128	6" (152.4 mm)	1/2" (12.7 mm)	4.5" (114.3 mm)	●	●	—

*Pipe Tap Size - The sizes listed provide the necessary information whenever a pipe is to be threaded into tanks, boilers, etc. To secure the best results, the hole should be reamed before tapping with a reamer having a taper of 3/4" per foot. **Pipe Entrance Size - The sizes listed provide the necessary information for any given pipe size to have sufficient clearance to pass through beams, walls, bulkheads, etc.

Carbide-Tipped Hole Cutters

- Cuts quick, precise holes in stainless steel, mild steel, iron, copper and brass sheet up to 3/16" (5 mm) thick
- Smooth start pilot drill bit for greater control
- Split point pilot drill bit prevents bit walking
- Integrated flange prevents the operator from drilling beyond the sheet metal
- Ejection spring for easy slug removal
- Sets include rust-proof molded case

31860

Cat. No.	Hole Diameter	Conduit Sizes	Carbide Hole Cutter Sets 31872 4-Piece	31873 8-Piece
31850	3/4" (19.1 mm)	—	—	—
31852	7/8" (22.2 mm)	1/2" (12.7 mm)	●	●
31856	1-1/8" (28.6 mm)	3/4" (19.1 mm)	●	●
31860	1-3/8" (34.9 mm)	1" (25.4 mm)	●	●
31866	1-3/4" (44.5 mm)	1-1/4" (31.8 mm)	—	●
31868	2" (50.8 mm)	1-1/2" (38.1 mm)	—	●
31870	2-1/2" (63.5 mm)	2" (50.8 mm)	—	●

Cat. No.	Description		
31874	Replacement Hole Cutter Pilot Bit	●	●

Ship-Auger Bits with Screw Point

- Drills through nails, wood, vinyl, plastics and heavy timber
- Special bit steel with machine-ground flutes and polished edges for smooth, wobble-free boring
- Full length is heat-treated and tempered
- Deep, open-throat design clears chips for faster, cleaner cuts
- 7/16" hex shafts fit 1/2" and larger three-jaw chucks
- Head and twist are ground to correct clearance for easy removal from hole

53402

Cat. No.	Bit Diameter	Twist Length	Overall Length
53402	3/4" (19.1 mm)	4" (101.6 mm)	6" (152.4 mm)
53404	7/8" (22.2 mm)		
53406	1" (25.4 mm)		
53408	1-1/8" (28.6 mm)		

Double-Fluted High-Speed Step Drill Bits

- Faster drilling than single flute bits
- Easy-to-read step rings save time when drilling common holes
- Fast-starting, non-walking drill tip
- Thick, extra-long 3/8" hex shank provides a firm, positive grip in the drill and won't spin out

KTSB01   KTSB15   KTSB11

Cat. No.	Quick Reference	No. of Holes	Increment	Hole Size Range
KTSB01	#1	13	1/32"	1/8" – 1/2" (3 mm – 13 mm)
KTSB03	#3	9	1/16"	1/4" – 3/4" (6 mm – 19 mm)
KTSB11	#11	2	–	7/8" – 1-1/8" (22 mm – 29 mm)
KTSB14	#14	12	1/16"	3/16" – 7/8" (5 mm – 22 mm)
KTSB15	#15	3	–	7/8", 1-1/8", 1-3/8" (22, 29, 35 mm)

Wood Boring Bits with Screw Point

- Superior to auger bits
- Easy-to-sharpen blades
- Easy-to-replace pilot screw shaft spin out
- Easily change direction when drilling holes to customize the shape
- Unique head shape minimizes chatter while drilling versus ordinary paddle bits
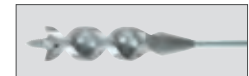
53932
53934
53938

Cat. No.	Hole Size	Shaft Dia.	Hex End	Shaft Length
53932	7/8" (22 mm)	3/8" (9.5 mm)	5/16" (8 mm)	6" (152 mm)
53934	1-1/8" (29 mm)			
53938	Replacement Shaft			

Flex Bit Augers

- Used to drill holes through wood within a wall
- Tapered back for easy bit retrieval
- Screw point tip pulls the bit through wood
- Hole in tip allows for use with wire or cable pulling grip

53720
53719
53716
53718

Cat. No.	Bit Diameter	Overall Length
53716	3/8" (9.5 mm)	54" (1.37 m)
53717	3/8" (9.5 mm)	72" (1.83 m)
53718	9/16" (14.3 mm)	54" (1.37 m)
53719	3/4" (19.1 mm)	54" (1.37 m)
53751	3/4" (19.1 mm)	72" (1.83 m)
53720	1" (25.4 mm)	54" (1.37 m)

Flex Bit Kit and Accessories

- 3-piece kit (53721) includes everything needed for drilling and pulling wire and cable
- Flex Bit Extensions connect to the end of a flex bit and extends the length
- Flex Bit Placement Tool (53715SEN) positions flexible drill bits horizontally or vertically within a wall

53721

Cat. No.	Description	Included
53721	Flex Bit Kit	Flex Bit Placement Tool (53715SEN) 9/16" Flex Drill Bit (53718) Pulling Grip - 1/2" - 9/16" (KPS050SEN)

Cat. No.	Description	Connection Diameter	For Use With
53722	54" Flex Bit Extension, 1/4" Shank	5/8" (16 mm)	3/4" (19 mm) and larger
53723	54" Flex Bit Extension, 3/16" Shank	7/16" (11 mm)	9/16" (14.3 mm) and smaller
53715SEN	Flex Bit Placement Tool	N/A	Flexible Drill Bits

DIGITAL CLAMP METERS

FEATURES	CL900	CL800	CL700	CL600	CL450	CL390	CL320	CL220	CL120
Drop Protection	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)	6.6 ft. (2 m)
Ingress Protection	IP40	IP40	IP40	IP40	–	–	–	–	–
Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V
AC Voltage (Volts)	1000V	1000V	1000V	1000V	1000V	600V	600V	600V	600V
DC Voltage (Volts)s z	1000V	1000V	1000V	1000V	1000V	600V	600V	600V	600V
AC + DC Voltage	–	–	–	–	●	–	–	–	–
AC Current (Amps)	200A	600A	600A	600A	600A	400A	400A	400A	400A
DC Current (Amps)	200A	600A	–	–	–	400A	–	–	–
Ohms (Resistance)	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	40MΩ	40MΩ	20MΩ	20MΩ
AC Millivolts	–	–	–	–	–	●	–	●	●
DC Millivolts	●	●	●	●	●	●	●	●	●
DC Microamps	–	–	–	–	●	●	●	–	–
True RMS	●	●	●	●	●	●	●	●	–
Audible Continuity	●	●	●	●	●	●	●	●	●
Backlight	●	●	●	●	●	Reverse Contrast Display	●	●	●
Temperature	–	-14° – 1000°F (-26° – 538°C)	-14° – 1000°F (-26° – 538°C)	–	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	–
Differential Temperature	–	–	–	–	●	–	–	–	–
Digital Temperature Calibration	–	–	–	–	●	–	–	–	–
Low Impedance	●	●	●	–	●	–	–	–	–
Low-Pass Filter	–	–	–	–	●	–	–	–	–
Inrush Current	200A	–	–	–	600A	–	–	–	–
Non-Contact Voltage Testing	●	●	●	●	●	●	●	●	●
Auto Ranging	●	●	●	●	●	●	●	●	●
Range Hold	●	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●	●
Diode Test	●	●	●	●	●	●	●	–	–
Capacitance Test	6000 µF	6000 µF	6000 µF	–	6000 µF	4000 µF	4000 µF	–	–
Frequency / Duty Cycle	1Hz – 500kHz	1Hz – 500kHz	1Hz – 500kHz	–	10Hz – 1MHz	10Hz – 60kHz	10Hz – 60kHz	–	–
Max / Min	●	●	●	●	●	●	●	MAX only	MAX only
Relative Mode	–	–	–	–	●	●	–	–	–
Magnet	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
Worklight	–	●	–	–	–	–	–	–	–
Auto-Power Off	●	●	●	●	●	●	●	●	●
LCD Display Count	6000	6000	6000	6000	6000	4000	4000	2000	2000

*Specifications subject to change. See Warnings & Warranty page for important safety information regarding these meters.
See Warnings & Warranty page for important safety information regarding the Test and Measurement line.

CLAMP METERS AND ACCESSORIES

CL360	CL150
• Auto-ranging	• True root mean square (TRMS)
• True root mean square (TRMS)	• 3000A AC current
• 200A AC current	• Data Hold
• AC/DC voltage	• Max/Min
• Resistance	
• Continuity	
• Non-Contact Voltage Testing	

	CL360	CL150
Includes	• Carrying Case • Test Leads with CATIII/CAT IV safety caps • 2 x AAA Batteries	• Carrying Case • 2 x AAA Batteries
Overall Length	8.39" (213.1 mm)	10.50" (266.7mm)
Overall Width	2.12" (53.8 mm)	4.12" (104.6 mm)
Overall Depth	1.38" (35.1 mm)	1.06" (26.9 mm)

FEATURES		CL360	CL150
	Drop Protection	9.8' (3 m)	6.6' (2 m)
	Ingress Protection	IP40	–
	Safety	**Jaw & Housing** CAT IV 600V CAT III 1000V **Electrical & Protection Circuit** CAT III 600V CAT II 1000V	CAT IV 600V CAT III 1000V
	AC Voltage (Volts)	600V	–
	DC Voltage (Volts)	1000V	–
	AC Current (Amps)	200A	3000A
	Ohms (Resistance)	60MΩ	–
TRMS	True RMS	●	●
	Audible Continuity	●	–
	Backlight	●	●
NCV	Non-Contact Voltage Testing	●	–
AUTO	Auto Ranging	●	–
RANGE	Range Hold	–	●
HOLD	Data Hold	●	●
MAX/MIN	Max / Min	–	●
APO	Auto-Power Off	●	●
	LCD Display Count	6000	3000

Accessories and Replacement Parts
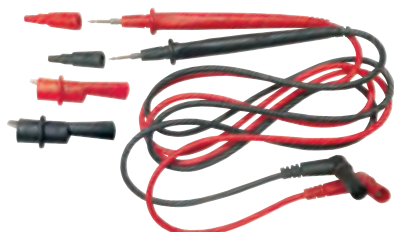
69409   69410   69445   69417

Cat. No.	Description	Features/Function
69409	Line Splitter- 10x	Allows the measuring of current draw up to 15A without splitting the load's power cord
69410	Test Lead Set, Right Angle	Standard banana-type inputs compatible with most multimeters and clamp meters
69417	Magnetic Hanger with Strap	Powerful rare-earth magnet; durable nylon weave strap; fits all newer clamp meters
69445	Magnetic Hanger no Strap	Powerful rare-earth magnet; fits all newer clamp meters

Borescope for Android® Devices

- Connects to Android on-the-go (OTG) version 4.0 or higher devices; NOT for iPhones® or iPads®
- Waterproof IP67 9 mm camera for high quality 640 x 480 pixel images
- Capture and share images and video via text or email using the Klein Tools App available for download at www.KleinTools.com
- Armored 10-Foot (3 m) gooseneck cable for extended reach
- Six white LEDs with adjustable brightness control for best pictures
- Direct USB Type-C connection with adapter for micro-USB
- No batteries; powered by device connection

2 m   IP 67

ET16

Cat. No.	Cable Length	Includes
ET16	10' (3.05 m)	Borescope, carrying case, micro-USB adapter

Android® is a registered trademark of Google LLC. IPhone® and Ipad® is a registered trademark of Apple Inc.

WiFi Borescope

- Transmits and displays video and images directly to your smartphone up to 30 Feet (9 m) away
- Waterproof 9 mm camera has 6 on-board, adjustable LED lights and outputs high-quality 640 x 480 images
- Tough, armored 6-Foot (1.8 m) long waterproof camera gooseneck maneuvers around obstacles while maintaining rigidity

- Battery status indicator tracks the charge level of the lithium-ion battery
- Increase and decrease camera LED output either on the Borescope or in the App
- The App not only acts as a display, but stores and shares images and videos via text or email

ET20

Cat. No.	LED Light Runtime	Ingress Protection	Includes
ET20	5.5 Hours	Camera/cable: IP67 dustproof & waterproof Body: IP42 dust & water resistant	Borescope, pocket clip, USB charging cable, hook attachment, carrying case

3 m   IP 67/42

Insulation Resistance Tester

- Tests insulation resistance up to 4000MΩ at 125V, 250V, 500V, and 1000V DC
- Megohmmeter with test and lock buttons for simple insulation testing
- Warning alarm and high voltage icon for detection of voltage
- Measures up to 1000V AC/DC, low resistance, and continuity
- Automatic ranging True Root Mean Square (TRMS) technology for increased accuracy

- Backlit display with bar graph, Auto-power off, High Voltage, Max/Min, and Hold icons
- Low battery indicator with easily replaceable battery and fuse
- Built-in stand and magnetic hanger for hands free operation
- Test verification of conformity to EN61557-1,-2,-4
- CAT IV 600V and CAT III 1000V safety rating

Cat. No.	Batteries	Includes
ET600	6 x AAA	Tester, Right Angle Test Leads and Heavy-Duty Alligator Clip Test Leads, Batteries, Carrying Case

2 m   ET600

Rechargeable Thermal Imager

- Over 10,000 pixels to troubleshoot hot and cold spots
- Adjustable emissivity from 0.10 to 0.99
- Store and share images with optional microSD® Card
- User selectable high and low temperature alarms from -4 to 752° F (-20 to 400° C)
- Select color palettes to best capture the event
- Rechargeable lithium-ion battery

TI250

Cat. No.	Display	Display Resolution	Temperature Range	Batteries	Includes
TI250	2.4" (6.1 cm) TFT LCD	10,800 Pixels	-4° to 752°F (-20° to 400°C)	Lithium-Ion	Thermal imager, micro-USB charging cable, carrying case

micro-USB® is a registered trademark of SD-3C, LLC.

2 m

ENERGY PERFORMANCE VERIFIED

RENDEMENT ÉNERGÉTIQUE VERIFIE

Intertek 5001748

BC

Intertek

See Warnings & Warranty page for important safety information regarding the Test and Measurement line.

ELECTRICAL TESTERS

Dual IR/Probe Thermometer

- Measure temperature from -40 to 572º F (-40 to 300º C)
- Accurately measure surface temperature with Infrared Thermometer (DS ratio 8:1)
- Measure air vents and duct temperatures using temperature probe with hands-free hanging hook
- Temperature probe also can measure liquid temperatures
- Quickly calculates differential temperature (T1-T2) for both IR and probe temperatures
- Backlit display with Hold, Max/Min, APO, and Low Battery functions
- Stainless steel probe is FDA GRAS compliant
- Certified to IEC EN 61326-1:2013; EN61326-2-3:2013

IR07

Cat. No.	Distance to Spot	Range	Batteries	Includes
IR07	8:1	-40° to 572° F (-40° to 300° C)	2 x AAA	Thermometer, batteries, pouch

Not a medical device; thermometer is NOT intended for use on people or animals.

Dual-Laser Infrared Thermometer, 20:1

- Incorporates surface temperature measurement capability using IR emission and can also measure bulk temperatures of air, gas, or liquids using a standard K-Type probe
- Dual targeting lasers offer more accurate determination of the area being tested
- Optical Resolution (Distance-to-Spot) is 20:1
- Adjustable emissivity from 0.1-1.0 delivers flexibility to address multiple applications
- Bright backlit display for working in low ambient lighting conditions
- Statistical parameters for measurement event - max/min/avg/diff
- User definable high/low limits with audible and visual alarms when limits are breached
- Uses one 9-volt alkaline battery with a life expectancy at 8 hours of continuous use with laser and backlight on
- "Auto Power-Off" conserves and extends battery life
- IP54 ingress protections for dust and water resistance

IR10   3 m

Cat. No.	Distance to Spot	Range	Batteries	Includes
IR10	20:1	-40° to 1200° F (-40° to 650° C)	1 x 9V	Thermometer, batteries, K-Type probe, pouch

Not a medical device; thermometer is NOT intended for use on people or animals.

AFCI /GFCI Outlet Tester

- Detects the most common wiring faults in standard, AFCI, and GFCI electrical outlets
- Test AFCI devices by simulating arc fault conditions (patent pending test method)
- Test GFCI devices by simulating ground fault conditions
- Capable of detecting a dual-open wiring fault with simultaneous open neutral and open ground wires (patent pending technology)
- Designed to test North American-style grounded electrical outlets in 120V AC circuits (incorporates a three-pin plug)
- Low battery indicator and easily accessible battery compartment; Uses batteries (included)
- Powers off automatically after approximately 2 minutes of non-use to conserve battery life

RT310   2 m

Cat. No.	Features	Voltage	Batteries	Includes
RT310	Tests AFCI and GFCI, Simulates Ground Fault and Arc Flash Conditions, Detects Dual-Open Wiring Fault	120V AC in 3-wire grounded electrical outlet	3 x 1.5V AAA alkaline	Tester, batteries

Digital Circuit Breaker Finder with GFCI Outlet Tester

- Visual and audible indicators clearly identify correct circuit breaker
- 90 - 120V AC operation
- Test GFCI devices
- Transmitter incorporates a GFCI outlet tester to inspect the wiring condition at the electrical outlet and test GFCI devices
- Tester consists of two parts: a Transmitter, connected to the electrical outlet or fixture and a Receiver, used to scan the panel to locate the correct breaker

ET310

Cat. No.	Description	Standard	Length (Transmitter Docked)	Batteries
ET310	Digital Circuit Breaker Finder with GFCI Outlet Tester	CAT II 120V	Meter, storage pouch, 2 x AAA batteries	1 x 9V

VOICE/DATA/VIDEO

Scout™ Pro 3 Tester Kits

Next generation, tester kits feature a larger, backlit display, cable length measurement and now Power over Ethernet (PoE)

- Test voice (RJ11/12), data (RJ45) and video (coax F-connector) cables
- Measure cable length (up to 2,000 feet)
- Backlit LCD screen displays cable length, wiremap, cable ID and test results
- Detect, identify and test Power over Ethernet (PoE)
- Test for Open, Short, Miswire or Split-Pair faults
- Hub Blink mode to identify port location on a hub or a switch
- Includes voltage warning, shield detection, auto power-off and low battery indicator
- Remote options include up to 12 Test + Map™ remotes and up to 18 locator remotes
- All kits include a Self-Storing Test + Map™ Remote
- These models replace the Scout® Pro 2 series of tester kits
- Direct USB Type-C connection with adapter for micro-USB
- No batteries; powered by device connection

PoE Port

VDV501-851

VDV501-853
VDV501-852

2 m   **1× 9V INCLUDED**

Included	Cat. No.	VDV501-851 Starter Kit	VDV501-852 Locator Remote Kit	VDV501-853 Smart Remote Kit	VDV770-850 Test + Map™ Remote Upgrade Kit	VDV770-851 Test + Map™ Remote Expansion Kit
Scout® Pro 3 Tester		●	●	●	–	–
Self-Storing Remote (#1)		●	●	●	–	–
Test + Map™ Remotes		–	–	#2 - #6	#2 - #6	#7 - #12
RJ45 Locator Remotes		5	18	–	–	–
F-Coax Locator Remotes		5	18			
Coax F Adapter (female-to-female)		1	2	7	6	6
Coax Barrel Adapters (male-to-female)		–	–	7	2	–
RJ45 Jumper Cables (6")		–	2	7	7	6
RJ11 Jumper Cables (6")		–	2	2	2	2
RJ12 Jumper Cables (6")		–	2	2	2	2
9V Alkaline Battery		●	●	●	–	–
Carrying Case		–	● VDV770-126	● VDV770-125	● VDV770-125	● VDV770-127

14

Commander™ Tester Kits

- Locate, test and measure coaxial, data (RT45) and telephone (RJ11/RJ12) cables
- Measure cable length and Distance-to-Fault with Time Domain Reflectometry (TDR) technology
- Locate and identify cables with location ID remotes, Test-n-Map™ remotes, Link Light and Tone Generator†
- Detect, identify and test Power-over-Ethernet (PoE)
- Perform active network (Ethernet) testing
- Store up to 256 cable or network tests that can be exported to print reports
- Tester battery life of 20 hours active and 4 years standby
- Probe battery life of 25 hours active and 4 years standby

CE UK CA

Features		
	RJ-45 8-Wire Cables	●
	F-connector Coaxial Cables	●
	Telephone Cables	**with adapter**
	Wiremap	●
	Open Fault	●
	Short Fault	●
	Miswire Fault	●
	Split-Pair Fault	●
Pass	TIA-568A/B & Crossover/Uplink	●
	Active Ethernet - Detects link speed and capabilities	●
	Single-End Cable Testing	●
	Test-n-Map™ Remote (Two End Testing) - Test and Identify location in one step with remote	**Supports up to 8**
PoE	Power-Over-Ethernet Testing	●
TDR	Time Domain Reflectometry - Length Measurement Method	●
	Measures Cable Length	**1500' / 457 m**
$\pm$(5% + 1 Ft.) $\pm$(5% + 0.3 m)	Accuracy/ Measurement Resolution	●
	Link Light	●
ID	Cable Identification (Coaxial & Data)	**Supports up to 20**
	Shield Detection	●
	Voltage Warning	●
	Low Battery Indicator	●
	Store Test Results	**256**
	Print / Export Custom Reports	●
	Tones*(Down to Single Conductor/Pair/Cable)	**4**
	Color LCD Display	**2.7" (68.6 mm)**
	Multiple Languages	**ENG · ESP · FRA**
Ft./m	Imperial or Metric Results	●
Apo	Auto Power Off	●
	Customizable Setup	●
	USB interface (for PC connection)	**MICRO**
	Upgradeable Firmware (via internet download and pc connection)	●

VDV501-828

VDV501-829

Commander™ Kits

| Cat. No.	Cable Type	Test-n-Map ID Remotes	Location ID	Batteries	Display	Included
VDV501-828	RG59, RG6/6Q, RG7/11, CAT3, CAT5, CAT6/6A	1	5	6 x AA	LCD	Tester, Test-n-Map Remote #1, (5) LanMap ID Remotes, (5) CoaxMap ID remotes, USB/RJ12/RJ45 Test Cables, Coax Adapter, (6) AA Batteries, Carrying Case
VDV501-829	RG59, RG6/6Q, RG7/11, CAT3, CAT5, CAT6/6A	1	20	Commander: 6 x AA Alkaline Probe: 1 x 9V Alkaline	LCD	Tester, Probe, Test-n-Map Remote #1, (20) LanMap ID Remotes, (20) CoaxMap ID remotes, USB/RJ12/RJ45 Test Cables, Coax Adapter, (6) AA Batteries, 9V Battery, Carrying Case

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

Twisted Pair Connectors

- Professional-grade data and telephone plugs deliver consistent, reliable performance
- Featuring thick 50 micro" gold plating on 3-pronged contacts for solid and stranded wire. Durable connector housings for a sure connection each and every time

VDV826-600

VDV826-603

VDV826-703
VDV826-763

VDV826-601

VDV826-628

VDV826-702
VDV826-762
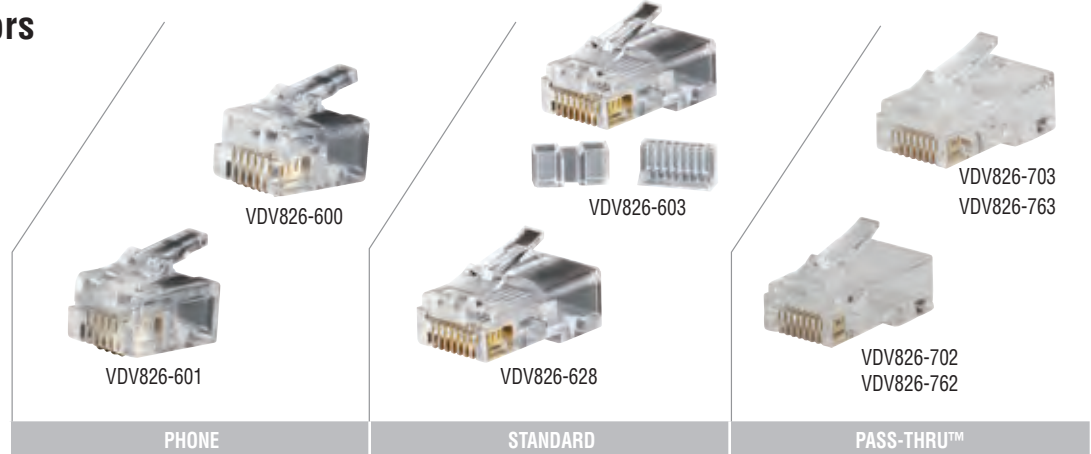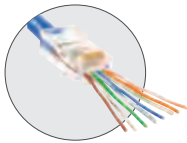
Connector Type	PHONE		STANDARD		PASS-THRU™	
	RJ11	RJ12	RJ45 CAT5e	RJ45 CAT6	RJ45 CAT5e	RJ45 CAT6
Position & Contacts	6P4C	6P6C	8P8C		8P8C	
Connector Design	1-Piece		1-Piece	3-Piece	1-Piece	
Gold Plating Thickness (micro")	50µ"		50µ"		50µ"	
Cat. No.						
Pack Size: 25	VDV826-601	VDV826-600		VDV826-603		
Pack Size: 50			VDV826-602		VDV826-702	VDV826-703
Pack Size: 100			VDV826-611			
Pack Size: 200					VDV826-762	VDV826-763
Crimping Type	Modular Plug Connector					
Klein Crimping Tools	VDV226-011-SEN, VDV226-107				VDV226-110, VDV226-005	

Standard Compression Connectors

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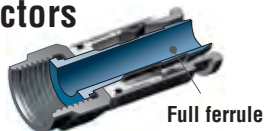
Full ferrule

Cat. No.	Connector Type	Cable Type	Package Quantity
VDV812-624	F-Connector	RG6	50

VDV812-623

Insulation Displacement Connectors

- Insulation displacement connector to add or terminate a telephone line
- Gel-filled for moisture resistance
- For use with Cat. Nos. VDV026-049, D234-6 and D234-6C crimping tools
- Works with CAT3 cable
- Works with solid conductor wire

UY IDC
VDV826-604
[2 wire (26-22 AWG)]

UR IDC
VDV826-605
[3 wire (26-19 AWG)]

Cat. No.	Connector Type	Position & Contacts	Connector Color	Package Quantity
VDV826-604	UY	2P2C	Yellow	25
VDV826-605	UR	3P3C	Red	25

Universal Compression Connectors

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

Compact ferrule

F • RG59
VDV812-615

BNC • RG59
VDV813-616
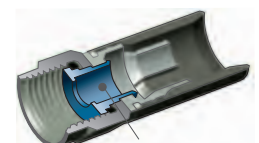
F • RG6/6Q
VDV812-606

BNC • RG6/6Q
VDV813-607

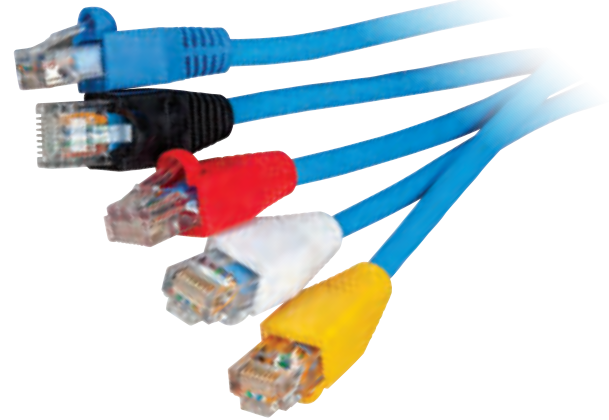| Cat. No.	Connector Type	Cable Type	Package Quantity
VDV812-618	F-Connector	RG59	50
VDV812-612	F-Connector	RG6/6Q	50
VDV813-619	BNC Connector	RG59	35
VDV813-613	BNC Connector	RG6/6Q	35

Strain Relief Cable Boots for RJ45 Data Plugs

- Boots help keep connectors on cable
- Compatible with CAT5e and CAT6 cable
- Includes 5 different colors to color code cables for easy identification
- Protect against latch damage
- Flexible ABS plastic material does not damage cables
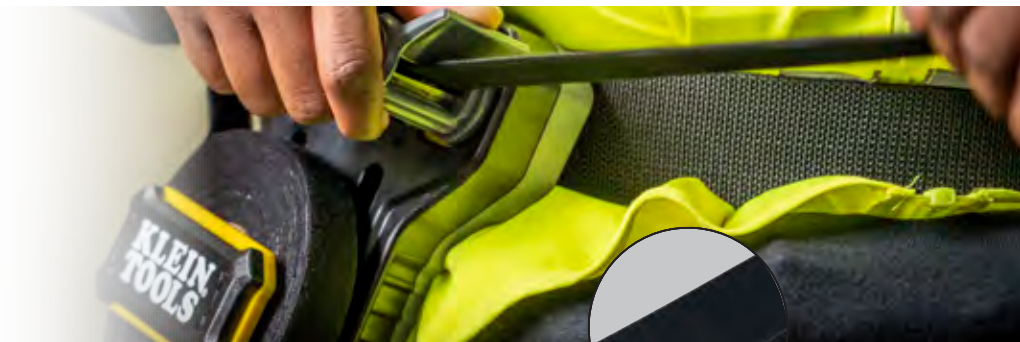- Available in a pack of 100

Cat. No.	Description	Connector Type	Cable Type	Pack Size
VDV824-650	Strain Relief Boots	RJ45 Data Plugs	CAT5e/CAT6	100

Cable Management Solutions

450-900

450-950

450-960

450-320 (1.25" W)
450-330 (1.75" W)
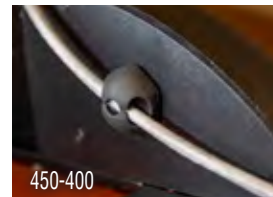
450-600

450-400

450-410

450-200 (7.75")
450-210 (11.5")

450-700

MADE IN USA

MADE IN USA

| Cat. No.	Description	Quantity
450-320	Cable Sleeves, 1.25" Wide, 3' Long	2
450-330	Cable Sleeves, 1.75" Wide, 3' Long	2
450-600	Cinch Straps, 6", 8", 14" Multi-Pack	6
450-400	Cable Mounting Clips, Single Hole	10
450-410	Cable Mounting Clips, Triple Hole	10
450-700	Stretch Cable Tie Roll	75'
450-200	Cable Ties, 7.75" length (Black)	100
450-210	Cable Ties, 11.5" length (Black)	100
450-900	Hook & Loop Dispenser, Belt & Magnet	1
450-950	Hook & Loop Roll, 3/4" width, 25' length, (Black)	1
450-960	Hook & Loop Roll, 3/4" width, 25' length, (White)	1

450-900

450-400
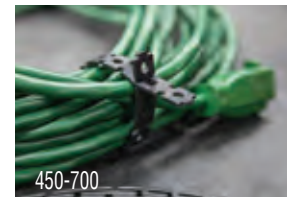
450-700
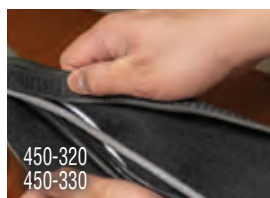
450-320
450-330

450-600

450-200

17

ILLUMINATION

Headlamps

- A complete line of headlamps to meet all your lighting needs
- Tough and compact
- Including best-in-class features and values of lumen output, run time and price
- All rechargeable headlamps can be directly mounted on any Klein Hard Hat or Safety Helmet

LIGHTING TO MEET ALL YOUR JOBSITE DEMANDS

	56220	56062	56049	56048	56064
Name	LED Headlamp	Rechargeable Headlamp / Worklight	Rechargeable Light Array Headlamp	Rechargeable Auto-Off Headlamp	Rechargeable Auto-Off Headlamp
Boost	NA	All-On	NA	All-On	All-On
		300 lumen for 4 hrs		400 lumen for 4 hrs	400 lumen for 4 hrs
High	Spotlight: 150	Spotlight	260 lumen for 9 hrs	Spotlight	Spotlight
		215 lumen for 8 hrs		200 lumen for 12 hrs	200 lumen for 12 hrs
Low	Floodlight: 50	Floodlight	125 lumen for 14 hrs	Floodlight	Floodlight
		100 lumen for 14 hrs		100 lumen for 22 hrs	100 lumen for 22 hrs
Drop Rating	6'	6'	6'	6'	6'
IP Rating	IP54	IP54	IP54	IP54	IP54
Magnet	-	●	●	-	-
Strap	Silicone	-	Fabric w/ Silicone Infused	Fabric w/ Silicone Infused	Silicone
Removable / KT accessory bracket	-	●	●	●	●
Ratchet/Tilt	45°	64°	64°	64°	64°
Battery	3x AAA	Li-Ion 3.7V, 1200 mAh	Li-Ion 3.7V, 1200 mAh	Li-Ion 3.7V, 1800 mAh	Li-Ion 3.7V, 1800 mAh
USB	-	USB-C cable included	USB-C cable included	Micro-USB cable included	Micro-USB cable included
Auto-Off	-	-	-	●	●

ILLUMINATION

Rechargeable LED Flash/Work Lights

- Versatile, rechargeable lighting options to suit all of your needs
- Tough and compact, each light features drop ratings and water-resistant and dustproof options

	56411	56413	56413	56040	56403
Name	Pocket Light with Lanyard	Flashlight with Work Light	2-Color Flashlight with Holster	Flashlight with Laser	Personal Work Light
Bulb Type	LED	LED	LED	LED	LED
Models/ Lumens/ Battery Life	High: 275 for 3 hrs; Medium: 200 for 5 hrs; Eco: 15 for 12 hrs; Strobe: 12 for 47 hrs	Flashlight: High: 500 for 7 hrs; Low: 315 for 10 hrs; Work Light: High: 375 for 10 hrs, Medium: 235 for 11 hrs Eco: 35 for 30 hrs	Spotlight: Boost: 1,000 for 4 hrs High: 800 for 7 hrs Low: 400 for 11 hrs Strobe: 95 for 50 hrs Flood: High: 650 for 6 hrs Medium: 450 for 11 hrs Eco: 35 for 25 hrs Red LED: Solid: 4 for 48 hrs; Strobe: 4 for 96 hrs	High: 350 for 6 hrs	High: 350 for 6 hrs Low: 25 for 12 hrs
Batteries	Lithium-Ion	Lithium-Ion	Lithium-Ion	Lithium-Ion	Lithium-Ion 18650
Drop Protection	10' (3 m)	6' (1.8 m)	6' (1.8 m)	10' (3.04 m)	6' (1.8 m)
IP Rating	IP67: Waterproof and dustproof	IP67: Waterproof and dustproof	IP67: Waterproof and dustproof	IP67: Waterproof and dustproof	IP67: Waterproof and dustproof
Magnetic	-	●	●	●	●
Special Features	Waterproof, Removable Dual-Direction Pocket Clip, Removable Lanyard	Side Barrel LEDs, Magnetic End Cap, Glow locator feature	High Intensity White Spotlight and Floodlight, Low-Intensity Red LEDs, Holster, Magnetic End Cap	Class IIIa Red Laser; Focusable; Magnetic; Hands-Free	Charges Out, USB-A: DC 5V, 0.5¬¬A, Kickstand rotates 270°, head rotates 360°, Carabiner, Magnetic, Nail hook, Glow locator feature
Standard	ANSI FL1, CE, UKCA, REACH, RoHS Compliant	ANSI FL1, CE, UKCA, REACH, RoHS Compliant	ANSI FL1, CE, REACH, RoHS Compliant	REACH, RoHS, CE-EMC, CEC, IEC 60825-1, FDA	CE, BC, WEEE
Included	USB-C Charging Cable, Removable Lanyard and Pocket Clip	USB-C Charging Cable, Removable Pocket Clip	Holster, USB-C Charging Cable, Removable Pocket Clip	Micro-USB Charging Cable	Micro-USB Cord, DC 5V, 1.3A

SAFETY PRODUCTS
Personal Protective Equipment

Safety Glasses

MIL-PRF	CSA	ANSI
Clause 3.8.4.1	Z94.3	Z87.1+
Class 1		

UV 99.9% PROTECTION

High-Quality protective eyewear that feature an anti-fog coating that won't wear off. Scratch resistant lenses with UV protection block 99.9% of harmful UV rays

- Superior impact protection: impact tested to the latest ANSI Z87.1+, CSA Z94.3 and MIL-PRF-32432A Clause 3.8.4.1 (Class 1-ballistics fragmentation) standards
- UV Protection: Tested to ANSI Z87.1 U6 standard, which effectively blocks 99.9% harmful UV rays
- Non-slip fit; rubber nose piece and temple tips for secure fit and grip
- True Color Recognition
- Optional Breakaway Lanyard (Cat. No. 60177) and Hard Case (Cat. No. 60176) both sold separately

60159 60160 60161

60162 60163 60164

DUAL PACKS and COMBO PACKS Available!

Safety Glasses			
Cat. No.	Description	Pack	Lens Tint
60159	Standard Semi-Frame, Narrow Lens	Single	Clear
60160	Standard Semi-Frame, Narrow Lens	Single	Gray
60161	PRO Semi-Frame, Wide Lens	Single	Clear
60162	PRO Semi-Frame, Wide Lens	Single	Gray
60163	PRO Full-Frame, Wide Lens	Single	Clear
60164	PRO Full-Frame, Wide Lens	Single	Gray
Multi-Packs			
60171	Standard Semi-Frame, Narrow Lens	2-pack	Clear
60172	PRO Semi-Frame, Wide Lens	2-pack	Clear
60173	PRO Semi-Frame, Wide Lens	Combo	Clear/Gray
60174	Standard Semi-Frame, Narrow Lens	Combo	Clear/Gray
Optional Accessories			
Cat. No.	Description	Pack	Color
60176	Eyewear Protective Hard Case	1	Black
60177	Breakaway Lanyard for Eyewear	1	Black

Hard Case 60176

Breakaway Lanyard 60177

Barricade and Warning Tapes

- Bold, black lettering on bright, long-lasting color backgrounds
- Yellow background for CAUTION tape
- Red background for CAUTION - BURIED ELECTRIC LINE Tape
- Made of tough, durable (2.5 mil) polyethylene
- Highly resistant to acids, alkalis, and other soil components

MADE IN USA

58000

Cat. No.	Legend	Overall Length	Overall Width
58000	CAUTION	200 ft (61.0 m)	3" (7.6 cm)
58001	CAUTION	1000 ft (305 m)	3" (7.6 cm)
58002	CAUTION-BURIED ELECTRIC LINE	200 ft (61.0 m)	3" (7.6 cm)
58003	CAUTION-BURIED ELECTRIC LINE	1000 ft (305 m)	3" (7.6 cm)

Klein Kleaners® Hand Cleaning Towels

- Simple and convenient pre-moistened towels
- Powerful, yet gentle pumice-like cleaning action

MADE IN USA GLOBAL COMPONENTS

Cat. No.	Container Size
51425	72-count bucket

51425

High-Visibility Safety Vests

60269

- Meets ANSI/ISEA 107-2015, Type R, Class 2 requirements
- Zipper closure in front for secure fit and breathable mesh fabric on back
- 2" retro-reflective stripes enhance visibility
- 2 large interior pockets, four exterior pockets with hook and loop closure, and exterior tab to attach radio clip or other items

Cat. No.	Chest Size	Color	Number of Pockets
60269	Medium/Large: 38 to 44" (96.5 to 111.8 cm)	High-Visibility Yellow	8
60268	Extra-Large: 44 to 50" (111.8 to 127 cm)		

Lockouts with Interlocking Tabs

- Specifically designed for locking out power sources such as disconnects, switches, and panel boxes
- Double interlocking hasp of tempered steel with patented interlocking tabs for extra security
- Holes will accept up to 5/16" (8 mm) diameter shackles

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

45201

Cat. No.	Description
45200	1" (25 mm) lockout w/interlocking tabs closed hasp I.D.
45201	1-1/2" (38 mm) lockout w/interlocking tabs closed hasp I.D.

P100 Half-Mask Respirators

- Approved to NIOSH Standard (TC-84A-6949)
- Non-metal, latex and silicone-free lightweight TPE face piece
- Compatible with other PPE safety products including visors and welding helmets
- Ergonomic design provides maximum visibility to wearers
- HEPA filters-high efficiency particulate air filters offer hydro-phobic (water repellent) material and offer users the maximum particulate protection, greater than 99.97%
- Low profile filters provide unobstructed field of vision, and are replaceable (Cat. No. 60245)

TC-84A-6949

HEPA HIGH-EFFICIENCY PARTICULATE

60245   60244

Cat. No.	Description	Standards	Replaceable/Reusable	Material	Size
60244	P100 Half-Mask Respirator, Medium-Large	NIOSH (TC-84A-6949)	Reusable	TPE (Thermo Plastic Elastomer)	Medium/Large
60246	P100 Half-Mask Respirator, Small-Medium	NIOSH (TC-84A-6949)	Reusable	TPE (Thermo Plastic Elastomer)	Small/Medium
Replacement					
60245	P100 Half-Mask Respirator Replacement Filter	NIOSH (TC-84A-6949)	Replaceable		

⚠ The P100 filter is part of the approved assembly and only when the above items are used together is the device approved for occupational applications. NOT FOR USE in atmospheres immediately dangerous to life or health.

## Reusable Face Mask with Replaceable Filters

- Washable masks provide protection against non-toxic dust, pollen, mold, dander, and common airborne irritants
- Adjustable neck and head straps for optimal fit
- Breathing vents and nose clip help prevent glasses from fogging
- Replaceable Filters (60443) also sold separately
- Mask includes one filter and storage bag

Cat. No.	Description	Color
60442	Reusable Face Mask	Black
60443	Replacement Filters for Reusable Face Mask (3-pk)	Black

⚠ NOT Niosh approved. To ensure safe operations read and follow instructions.

<95% R.H.   14°F (-10°C)   104°F (40°C)

60442
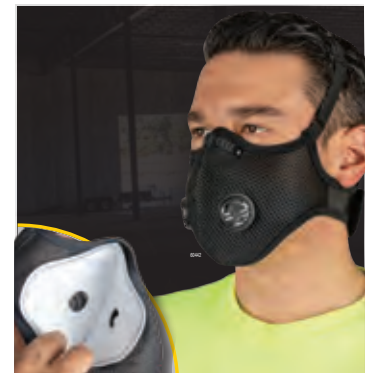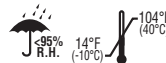
60443 (replaceable filter)

Lightweight Gel Knee Pads

- Slip resistant rubber caps grip kneeling surface for enhance stability and balance
- Designed to disperse pressure and reduce fatigue while providing lightweight comfort and protection
- Cinch-tight straps provide comfortable, snug fit
- Knee pads are sold in pairs

Cat. No.	Material	Closure Type	Overall Length	Overall Height	Overall Width
60184	TPE 40%, Neoprene 20%, EVA Foam 20%, Polyester 15%, Nylon 5%	Clip	6" (15.2 cm)	12" (30.5 cm)	6" (15.2 cm)

60184

Tradesman Pro™ Knee Pads

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

55629

Cat. No.	Material	Closure Type	Overall Length	Overall Height	Overall Width
55629	Neoprene/Polyurethane	Quick Fasten Buckle	3.5" (8.9 cm)	9.5" (24.1 cm)	7.5" (19 cm)

Hard Hats

Designed and engineered for optimal safety, comfort and fit.

- Breathable, padded sweat-wicking sweatband and top pad improve comfort and are machine washable
- Patent-pending Accessory Mounts ensure a Klein® Headlamp is properly positioned -on front or back; NO STRAP needed!
- Unique suspension system features a flexible open frame design to provide optimal fit and improved air circulation
- Easy, one-handed adjustment with large knob ratchet mechanism, even with gloves on, and soft neck pad pivots to clear bandanna knots and pony tails
- Sweatband, Top Pad, Chin Strap and Suspension System also sold separately
- All hard hats made of durable PC/ABS

Flexible, Open-Frame Design allows suspension to conform to user's head, provides optimal fit, and improved ventilation.

Rear Neck Pad Soft, non-slip rear pad provides excellent cushion and grip.

Replaceable, Sweatband Front and side coverage; sweat-wicking and breathable padding; machine washable. (#KHHSWTBND)

Chin Strap Attachment Points sold separately. (#KHHSTRP)

Multi-Point Adjustment allows user to choose the best position for enhanced fit and comfort.

Pivot Adjustment
Allows user to position the ratchet mechanism to clear bandana knots and pony-tails.

Ratchet Adjustment
Large knob mechanism allows for easy one-hand adjustment, even with gloves on.

REVERSE DONNING
Suspension can be easily adjusted to wear hard hat frontwards or backwards. Available on both vented and non-vented hard hats.

NON-VENTED **CLASS E**

60100	60107RL
60400	60406RL
60248	60249

VENTED **CLASS C**

60105	60113RL	60401
60407	60407RL	60262

SAFETY PRODUCTS
Personal Protection Equipment

Hard Hats

Cat. No.	Hat Style	Class	Venting	Shell Color
60100	Cap	E	Non-Vented	White
60105	Cap	C	Vented	White
60248	Full Brim	E	Non-Vented	Blue
60249	Full Brim	E	Non-Vented	Blue
60262	Full Brim	C	Vented	Yellow
60400	Full Brim	E	Non-Vented	White
60401	Full Brim	C	Vented	White

60407RL

Hard Hats with Headlamps

Cat. No.	Hat Style	Class	Venting	Shell Color	Headlamp	Lumens	Batteries
60107	Cap	E	Non-Vented	White	Alkaline	High: 150 Low: 50	3x AAA
60107RL	Cap	E	Non-Vented	White	Rechargeable	Boost: 300 High: 215 Low: 100	Lithium-Ion
60113RL	Cap	C	Vented	White	Rechargeable	Boost: 300 High: 215 Low: 100	Lithium-Ion
60406RL	Full Brim	E	Non-Vented	White	Rechargeable	Boost: 300 High: 215 Low: 100	Lithium-Ion
60407	Full Brim	C	Vented	White	Alkaline	High: 150 Low: 50	3x AAA
60407RL	Full Brim	C	Vented	White	Alkaline	Boost: 300 High: 215 Low: 100	Lithium-Ion

PROTECTION FROM IMPACT, PENETRATION, AND LATERAL DEFORMATION

FRONT ❷

❶ TOP

❷ BACK

❷ SIDES

❸ DEFORMATION

(Shown: Cat. No. 60248: TYPE I, CLASS E)

Tested to the latest standards

TYPE I, CLASS E
ELECTRICAL PROTECTION UP TO 20KV

TYPE I, CLASS C
ADJUSTABLE SIDE VENTS HELP MANAGE AIR CIRCULATION

❶ ANSI/ISEA Z89.1-2014 CSA Z94.1-15

❷ EN12492:2012*: 4.2.1.2, 4.2.1.3, 4.2.1.4

❸ EN397:2012+A1:2012: 5.2.4

*This hard hat provides LIMITED protection from small objects striking the top, front, back, left and right sides of the hard hat. This is NOT an ANSI/CSA Type II hard hat.

KARBN™ Full Brim Hard Hats

- Stylish, modern, durable hydro-dipped polymer film KARBN™ pattern on rugged PC/ABS composite
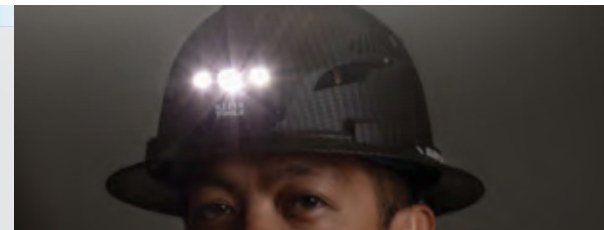- Reflective stickers enhance visibility in low light environments

60345   60346   60347

LOOK COOL; STAY COOL!

Replaceable machine washable, breathable padded **premium sweatband and comfort top pad** feature advanced evaporative technology and additional coverage. Simply wet and shake out for hours of cooling!

Cat. No.	Hat Style	Class	Venting	Shell Color	Headlamp	Lumens	Batteries
60345	Full Brim	E	Non-Vented	KARBN™ Pattern	—	—	—
60346	Full Brim	E	Non-Vented	KARBN™ Pattern	Rechargeable	All-On: 400 lumen for 4 hrs Spotlight: 200 lumen for 12 hrs Floodlight: 100 lumen for 22 hrs	Lithium-Ion
60347	Full Brim	C	Vented	KARBN™ Pattern	Rechargeable	All-On: 400 lumen for 4 hrs Spotlight: 200 lumen for 12 hrs Floodlight: 100 lumen for 22 hrs	Lithium-Ion

KARBN™ pattern is a hydro-dipped film applied to PC/ABS composite hard hat surface

Safety Helmets

PTIA 2020

Compact helmet design and unique features allow the user to comfortably work in confined spaces and a variety of demanding environments.

- Patent-pending accessory mounts on front and back ensure Klein Headlamps (not included) attach securely and precisely — no straps or zip ties needed!
- 6-point suspension along with chin strap provides improved stability and secure fit when tilting your head
- Breathable padded sweat-wicking sweatband and comfort top pad are machine washable
- Easy, one-handed adjustment with large knob ratchet mechanism, even with gloves on; soft neck pad pivots to clear bandanna knots and pony tails
- Detachable 4-point padded chin strap for comfortable secure fit
- Fits hat sizes 6.5 to 8
- Shell: PC/ABS; Suspension: PC/ABS and HDPE

60145	60147	60149	60146	60148	60150

Cat. No.	Class	Venting	Shell Color
60145	E	Non-Vented	White
60147	E	Non-Vented	Blue
60149	C	Adjustable Vents	Blue

56062

Cat. No.	Class	Venting	Shell Color	Headlamp	Lumens	Batteries
60146	E	Non-Vented	White	Rechargeable (#56062)	Boost: 300 High: 215 Low: 100	Lithium-Ion
60148	E	Non-Vented	Blue			
60150	C	Adjustable Vents	White			

SIX-POINT SUSPENSION
for enhanced stability and secure fit

OPEN-FRAME DESIGN
for maximum air circulation

REAR NECK PAD
made of soft material to conform and grip to maintain ratchet location

PROTECTION FROM IMPACT, PENETRATION, AND LATERAL DEFORMATION

FRONT ❷

❶ TOP

❷ BACK

❷ SIDES

❸ DEFORMATION

(Shown: Cat. No. 60148: TYPE I, CLASS E)

Tested to the latest standards

TYPE I, CLASS E
ELECTRICAL PROTECTION UP TO 20KV

TYPE I, CLASS C
ADJUSTABLE SIDE VENTS HELP MANAGE AIR CIRCULATION

❶ ANSI/ISEA Z89.1-2014 CSA Z94.1-15

❷ EN12492:2012*: 4.2.1.2, 4.2.1.3, 4.2.1.4, 4.2.2, 4.2.3, 4.2.4

❸ EN397:2012+A1:2012: 5.2.1, 5.2.4, 5.2.5

*This helmet provides LIMITED protection from small objects striking the top, front, back, left and right sides of the helmet. This is NOT an ANSI/CSA Type II helmet.

Hard Hat/Safety Helmet Cooling Fan

- Attaches directly to Klein Hard Hats & Safety Helmets' exclusive accessory mounts – no straps needed!
- 16 configurations to cool face, neck or under shell
- Dual centrifugal fans feature high and low speed; Up to 6 hours continuous run time
- Rechargeable Battery (29025) included. Also sold separately- for use while primary battery is charging
- Modular Battery can also charge or power other products via two input/output USB-C ports
- Cat. No. 60155 includes Cooling Fan, Modular Battery, Short Ducts, Long Ducts, Charging Cables, Cable Clip

COOLER AIR

KLEIN TOOLS

UNDER SHELL COOLING

56063

56048

29025

2m

IP54 **Battery** Batería Batterie

IPX4 **Cooling Fan** Ventilador Ventilateur

Up To Hasta / Jusqu'à **6h**

Intertek ETL

Cat. No.	SKU Description
60155	Hard Hat/Safety Helmet Cooling Fan
Replacement Parts	
29025	Modular battery Li-ion (3200mAh)
60490	Duct and Cable Replacement Kit
Optional Accessories	
56048	Rechargeable Headlamp and Worklight, 400 Lumens, Auto-Off sensor
56062	Rechargeable Headlamp and Worklight, 300 Lumens, All-Day Runtime
56063	Safety Lamp
56414	Rechargeable 2-Color LED, Headlamp-Spot/Flood/Red LEDs
60156	Intrinsically Safe LED Headlamp

60490

Charging Cable   Power Cable   Short Ducts   Long Ducts

Hard Hat and Safety Helmet Accessories

- Replaceable Sweatbands and Top Pads are machine washable
- Cooling sweatband and top pads help keep you cool
- Chin Strap (Cat. No. CLMBRSTRP) helps keep safety helmets in place during high winds, at height, or in confined work positions with multi-point attachments; detachable and replaceable
- 6-point suspension (Cat. No. CLMBRSPN) features flexible open frame design and ratchet-knob adjustment for a secure fit
- High quality visors (Optical Class-1) offer superior impact protection, anti-fog and scratch resistant

  - UV Protection: effectively blocks 99.9% harmful UV-A, UV-B, and UV-C rays
  - Shell: PC/ABS; Suspension: PC/ABS and HDPE
  - Locks in up and down position to maintain desired position when moving head

VISORCLR

VISORGRAY

MIL-PRF 32432A Clause 3.8.4.1 Class 1

CSA Z94.3

ANSI Z87.1+

CLMBRSPN*
*Shown with top pad and sweatband, all sold separately.

KHHSPN

KHHSWTBND

KHHTOPPAD

KHHSPN2

KHHSWTBND2

CLMBRSTRP

KHHTOPPAD2

Cat. No.	Type	Special Features	For use with
KHHSWTBND	Sweatband Replacement	Padded, Sweat Wicking, and Odor Resistant 3-pack	Hard Hats and Safety Helmets
KHHTOPPAD	Top Pad Replacement	Padded, Sweat Wicking, and Odor Resistant 3-pack	Hard Hats and Safety Helmets
KHHSWTBND2	Cooling Sweatband Replacement	Blue Padded, Sweat Wicking 3-pack	Hard Hats and Safety Helmets
KHHTOPPAD2	Cooling Top Pad Replacement	Blue Padded, Sweat Wicking 3-pack	Hard Hats and Safety Helmets
KHHSPN	Suspension Replacement	Open Frame Allows Maximum Ventilation	Hard Hats
KHHSTRP	Chin Strap	Adjustable, Detachable and Replaceable	Hard Hats
KHHSPN2	Replacement Suspension	Pivoting, 4-Point, Ratchet Adjustment	Hard Hats
CLMBRSPN	Suspension	6-Point Attachment, Ratchet Adjustment	Safety Helmets
CLMBRSTRP	Chin Strap	Detachable and Adjustable	Safety Helmets
VISORCLR	Clear Visor	Tested to the latest ANSI Z87.1+ (2020), CSA Z94.3-20 and MIL-PRF-32432A (Class 1-ballistics fragmentation) standards (See instructions for details)	Safety Helmets
VISORGRAY	Gray Tinted Visor		Safety Helmets

SAFETY PRODUCTS
Personal Protective Equipment

Extreme Gloves

- Impact absorbing D30® padding material in the palm
- Rubberized fingertips for extra grip

	Medium	Large	Extra-Large
Cat. No.	40217	40218	40219

D30® is a registered trademark of Design Blue Limited.

40218

Camouflage Gloves

- Mossy Oak® Break-Up Infinity™ pattern
- Moisture wicking and breathable Trek Dry™ stretch material on top with sponge foam and tricot lining for maximum comfort

	Medium	Large	Extra-Large
Cat. No.	40208	40209	40210

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

40209

Utility Gloves

- Moisture wicking and breathable Trek Dry™ stretch material on top with sponge foam and tricot lining for maximum comfort

	Medium	Large	Extra-Large
Cat. No.	40205	40206	40207

TrekDry™ is a trademark of Mechanix Wear, Inc.

40206

Cold Weather Pro Gloves

- Palm and fingers lined with Thinsulate™ C40
- Water resistant nylon back lined with Thinsulate™ C100
- Durable rubberized palm provides water resistance and grip with 2mm EVA foam padding for impact protection
- 5 mm EVA foam knuckle for impact protection and comfort

	Medium	Large	Extra-Large
Cat. No.	40211	40212	40213

Thinsulate™ is trademark of 3M.

40212

Leather Work Gloves

- Genuine professional-grade goatskin leather
- Knuckle and finger protection with PVC guards
- Mesh back for breathability and ergonomic shape for dexterity
- EVA foam padding on palms for extra comfort
- Hook and loop closure on cuff strap provides snug fit

	Large	Extra-Large
Cat. No.	60188	60189

60188

Touch-Screen Work Gloves with Cut-Level Resistance

- Touchscreen-capable fingertips keep you connected on the jobsite
- Nitrile dip technology for superior grip
- Seamless knit cuff for comfortable fit
- Machine washable

60186   60185

Cat. No.	Cut-Level	Standard	Size
60185	2	ANSI A2 Cut Resistance; EN 388: 2015 4342 B	Large (9)
60197			Extra-Large (10)
60186	4	ANSI/ISEA 105-2016 Cut Level A4; EN 388: 2015 4442 D	Large (9)
60198			Extra-Large (10)

Assorted Gloves

40022

40072   40010

Description	Small Cat. No.	Medium Cat. No.	Large Cat. No.	Extra-Large Cat. No.	2XL Cat. No.
cowhide	—	40021	40022	40023	—
cowhide lined	—	40016	40017	40018	—
cowhide driver's	40003	40004	40006	—	—
cowhide driver's-lined	—	—	40014	40015	—
electrician's	—	—	40072	40074	—
lineman work	—	40080	40082	40084	40086
medium-cuff	—	—	40008	—	—
long-cuff	—	—	40010	40012	—
heavy weight jersey	40002 (fits most sizes)				

Torque Screwdriver Set

- Compact, easy to use set includes the torque screwdriver plus six 3-1/2" power drivers
- Tri-lobular design with a textured finish for better grip
- Lightweight, aluminum frame
- NIST traceable calibration certificate

Cat. No.	Contains
57032	**Phillips:** #1 and #2; **Slotted:** 3/16" (4.8 mm) and 1/4" (6.4 mm); **Square:** #1 and #2 and 1/4" Nut Driver

MADE IN USA GLOBAL COMPONENTS

57032

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

- Micro-adjustable for increased accuracy
- Ratchet head allows speedy torquing and operation in confined working areas
- Stainless steel handle for improved grip

Cat. No.	Drive Size	Range	Length
57000	3/8"	15 – 75 ft-lb (20.4 – 101.7 Nm)	14-1/8" (359 mm)
57005	3/8"	30 – 150 in-lb (3.4 – 16.9 Nm)	10-5/8" (270 mm)
57010	1/2"	50 – 250 ft-lb (67.8 – 339.0 Nm)	24-1/4" (616 mm)

MADE IN USA GLOBAL COMPONENTS

57005

25-Piece Master Electrician's Torque Tool Kit

- Piano hinged metal box includes latch with padlock eye and handle

Kit contains:

- Two micrometer-adjustable torque wrenches
- Nine hex-wrench bits
- Two 7/16" hex-wrench extensions
- One 7/16" female hex-wrench adapter (Coupler)
- One hex-to-square adapter for wrenches and one adapter for screwdrivers
- One adjustable torque screwdriver
- Seven screwdriver bits; five slotted, two Phillips

Cat. No.	Description
57060	Master Electrician's Torque Tool Kit

MADE IN USA

INSULATED TOOLS
⚠ 1000 V   MADE IN USA

Cat. No.	Nose Type	Overall Length	Cutting Knives	Handle Finish
High-Leverage Lineman's Pliers				
D2139NEINS	New England	9.68" (246 mm)	Side-Cutting	2-Layer Insulation
D20009NEINS			Heavy-Duty Side-Cutting	
D2139NECRINS			Side-Cutting w/Crimping	
2138NEEINS		8-13/16" (224 mm)	Side-Cutting	3-Layer Insulation
2139NEEINS		9-5/8" (245 mm)		
20009NEEINS				
Long-Nose Pliers - Side-Cutting				
D2036INS	Long	8-13/16" (224 mm)	Side-Cutting	2-Layer Insulation
2036EINS		6" (152.4 mm)		3-Layer Insulation
D2037INS		7.38" (187.4 mm)		2-Layer Insulation
2037EINS		7.43" (189 mm)		3-Layer Insulation
D2038INS		8.91" (226 mm)		2-Layer Insulation
2038EINS		8-7/8" (225 mm)		3-Layer Insulation
D2038NINS		8.91" (226 mm)	Side Cutting w/Stripping	2-Layer Insulation
High-Leverage Diagonal Cutting Pliers				
D220-7-INS	Tapered, Heavy-Duty	7.9" (200 mm)	Standard Cutting	2-Layer Insulation
D228-8-INS	Angled	8-1/4" (210 mm)		
D248-8-INS				
D2000-28-INS	Tapered			
200028EINS*				3-Layer Insulation
D200048INS	Angled			2-Layer Insulation
200048EINS*				2-Layer Insulation
Combination Pliers				
12098EINS	Universal	8-1/4" (210 mm)	Side-Cutting	3-Layer Insulation
12098INS		8.76" (223 mm)		2-Layer Insulation

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

Cat. No.	Max. Jaw Capacity	Overall Length	Handle Finish
Pump Pliers			
50210EINS	1.75" (44.5 mm)	10.25" (260 mm)	3-Layer Insulation
D502-10-INS			2-Layer Insulation

Cat. No.	Cuts Up to	Crimps	Overall Length	Handle Finish
High-Leverage Cable Cutters				
63050-EINS	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications cable	–	9-5/8" (245 mm)	3-Layer Insulation
63050-INS			9-5/8" (245 mm)	2-Layer Insulation
1005-INS	–	10-22 AWG Insulated and Non-Insulated Terminals	9.75" (247.7 mm)	2-Layer Insulation

Cat. No.	Strips and Cuts	Overall Length	Handle Finish
Wire Stripper			
11054EINS	8 – 16 AWG solid & 10 – 18 AWG stranded	10-1/4" (260 mm)	3-Layer Insulation

Tools meet or exceed IEC 60900: 2012, ASTM F1505, and VDE (-EINS models only) standards.
They are clearly marked with the official 1000-volt rating symbol.

High-Leverage Side-Cutting Pliers
2139NEEINS

Long Nose Pliers Side-Cutting
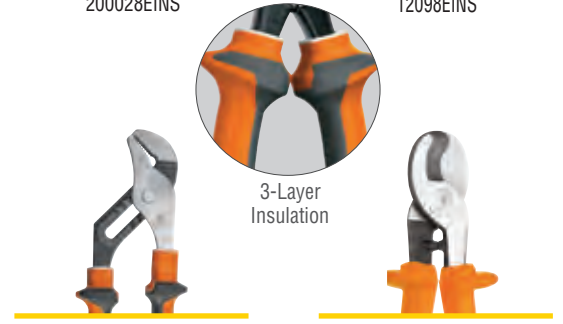D2036INS

2-Layer Insulation

High-Leverage Diagonal Cutting Pliers
200028EINS

Combination Pliers
12098EINS

3-Layer Insulation

Tongue & Groove Pliers
50210EINS

High-Leverage Cable Cutter
63050-EINS

KLEIN-KURVE® Wire Stripper
11054EINS

Slim-Tip Insulated Screwdrivers

- Slim-tip blades for easier access to terminal blocks and other tight spaces
- Tip-Ident® quickly identifies tip type and orientation for quick engagement with the fastener

MADE IN **USA**

Cat. No.	Description	Includes
33532-INS	2-Piece Set	1/4" Cabinet (602-4-INS) and #2 Phillips (603-4-INS)
33732INS		1/4" Cabinet (6924INS) and #2 Phillips (6934INS)
33734INS	4-Piece Set	1/4" Cabinet (6924INS), #2 Phillips (6934INS), 3/16" Cabinet (6916INS) and #2 Square (6946INS)

Cat. No.	Description	Blade Length	Overall Length
Individual Drivers			
6924INS	1/4" Cabinet	4" (10 cm)	8.31" (21.1 cm)
6934INS	#2 Phillips		
6916INS	3/16" Cabinet	6" (15 cm)	
6946INS	#2 Square		

33734INS

Interchangeable Insulated Screwdrivers

- Securely and easily release the blade with a quick twist of the lock collar
- Interchangeable blades with a slim-tip to fit tight terminal blocks
- Handle and blade have a 1000V insulation rating
- A layer of orange impact and flame resistant insulation protects from electric shock
- Meets or exceeds ASTM F1505 standards for insulation

TWIST FOR A **FAST, EASY** BLADE CHANGE

32286

32288

Cat. No.	Type	Tip Size	Shank Length	Overall Length
32286	Insulated Flip-Blade	#1 Phillips & 3/16" (4.8 mm) Slotted	3.5" (8.9 cm)	8.2" (20.8 cm)
32287	Insulated Flip-Blade	#1, #2 Square	3.5" (8.9 cm)	8.2" (20.8 cm)
32293	Insulated Flip-Blade	#2 Phillips & 1/4" (6.4 mm) Slotted	3.5" (8.9 cm)	8.2" (20.8 cm)
13156	Single-Ended Replacement Blade, 2-Pack	#2 Phillips & 1/4" (6.4 mm) Slotted	3.5" (8.9 cm)	7.58" (19.3 cm)
13157	Double-Ended Replacement Blade, 3-Pack	#1 Phillips & 3/16" (4.8 mm) Slotted, #2 Phillips & 1/4" (6.4 mm) Slotted, #1, #2 Square	3.5" (8.9 cm)	7.48" (19.0 cm)

Interchangeable Screwdriver Set
32288 6-Piece
—
—
—
●
●

Set includes handle and carrying pouch

Insulated Screwdrivers

- Two layers of insulation provide protection against electric shock
- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool
- A flame retardant, impact-resistant, bright orange outer coating
- Hollow shafts make it possible to work on stacked circuit boards or other long bolt applications
- Tip-Ident quickly identifies nut driver size
- Cushion-Grip handles for greater torque and comfort

MADE IN **USA**

602-7-INS

Cat. No.	Tip Type	Shank Length	Overall Length
Cabinet Tip, Round Shank			
607-3-INS	3/32"	3" (7.6 cm)	6.75" (17 cm)
601-4-INS	3/16"	4" (10 cm)	7.75" (20 cm)
612-4-INS	1/8"		
601-7-INS	3/16"	7" (18 cm)	10.75" (27 cm)
602-7-INS	5/16"		12.4" (31 cm)
602-8-INS	3/8"	8" (20 cm)	13.4" (34 cm)
605-7-INS	1/4"	7" (18 cm)	11.3" (29 cm)
602-4-INS		4" (10 cm)	8.3" (21 cm)
Phillips Tip, Round Shank			
633-4-INS	#1	4" (10 cm)	7.75" (20 cm)
603-4-INS	#2		8.3" (21 cm)
603-7-INS	#2	7" (18 cm)	11.3" (29 cm)
633-7-INS	#3		12.4" (31 cm)

5-Piece Insulated Tool Kit

- Includes the must-have insulated tools for any professional tradespersons
- All tools meet or exceed ASTM F1505 and IEC 60900 standards for insulated tools
- Three-part insulation with underlayer on the pliers and wire stripper provides warning sign that insulation may be compromised. VDE Certified

Cat. No.	Description
94130	1000V Insulated Tool Kit, 5-Piece
Includes	
11054EINS	Insulated Wire Stripper/Cutter
200028EINS	8" Insulated Diagonal Cutters
2139NEEINS	9" Insulated Side-Cutters, Slim Handle
6924INS	Slim-Tip Insulated 1/4" Cabinet, Screwdriver, 4" Round Shank
6934INS	Slim-Tip Insulated #2 Phillips Screwdriver, 4" Round Shank

94130

Insulated Nut Drivers

- Two layers of insulation provide protection against electric shock
- Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool
- A flame retardant, impact-resistant, bright orange outer coating
- Hollow shafts make it possible to work on stacked circuit boards or other long bolt applications
- Tip-Ident quickly identifies nut driver size
- Cushion-Grip handles for greater torque and comfort

646-9/16

646-3/8

646-3/16

Cat. No.	Description	Shaft Length	Color Code	Overall Length
646-3/16-INS*	3/16"		Black	9.75" (25 cm)
646-1/4-INS	1/4"		Red	
646-5/16-INS	1/4"		Yellow	
646-11/32-INS	5/16"		Green	
646-3/8-INS	11/32"	6" (15.2 cm)	Blue	10.3" (26 cm)
646-7/16-INS	7/16"		Brown	
646-1/2-INS	1/2"		Red	11.4" (29 cm)
646-9/16-INS	9/16"		Orange	
646-5/8-INS	5/8"		Yellow	11.4" (29 cm)

*3/16" magnetic nut driver does not have hollow shaft.
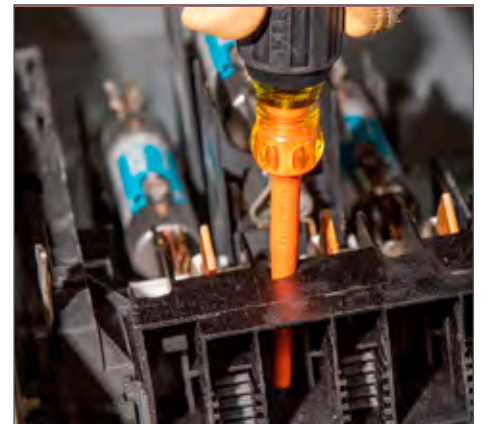
INSULATED TOOL SETS

△ 1000 V

MADE IN
USA

8-Piece Tool Kits

- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets
- Replacement case available (Cat. No. 33536)

33526

Cat. No.	Kit Contains	
Basic		
33526	2 Side-Cutters 1 Diagonal-Cutter 2 Cabinet-Tip Screwdrivers	1 Phillips-Tip Screwdriver 1 Cable Cutter 1 Wire Stripper/Cutter
Premium		
33529	1 2000 Series Side Cutter 1 Side-Cutter 1 2000 Series Diagonal-Cutter 1 Cable Cutter	1 Klein-Kurve Wire Stripper/Cutter 2 Cabinet-Tip Screwdrivers 1 Phillips-Tip Screwdrivers

See website for specific SKUs

22-Piece General Purpose Tool Kit

- The custom case includes 3 pallets with fitted pockets for each tool
- Piano-hinged cover has both a combination lock and two key-locked latches for security
- Storage space behind the pallets to keep important papers and accessory items

33527

Cat. No.	Kit Contains
22-Piece Tool Kit	
33527	5 Side-Cutters 3 Diagonal-Cutters 1 Pump Plier 6 Assorted Cabinet-Tip Screwdrivers 3 Phillips-Tip Screwdrivers 1 Wire Stripper/Cutter 1 Cable Cutter 1 Lineman's Skinning Knife 1 Crimping/Cutting Tool

See website for specific SKUs

13-Piece Utility Tool Kits

33525

33525SC

- **(Cat No. 33525SC)** The light, compact, soft roll-up carry case provides protective storage with custom-fitted pockets for each tool
- **(Cat No. 33525)** The custom case includes two pallets with custom-fitted pockets for each tool, piano-hinged case cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items

Cat. No.	Kit Contains	
13-Piece Insulated Utility Kit with custom carrying case		
33525	1 2000 Series Side-Cutter 2 Long-Nose Side-Cutters 2 2000 Series Diagonal-Cutters 1 Pump Pliers Hard Shell carrying case (33535)	1/4", 5/16", 3/8" Cabinet-Tip Screwdrivers #1, #2, #3 Phillips-Tip Screwdrivers 1 Cable Cutter 1 Lineman's Skinning Knife
13-Piece Utility Insulated Tool Kit with roll up case		
33525SC	Same as 33525 but has a light, compact, soft roll-up case/w shoulder strap (33535SC)	

See website for specific SKUs

9-Piece Driver Kits

33528

- Highly durable, nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets, extra pocket is provided for storage of papers or other items

Cat. No.	Kit Contains
Screwdriver Kit	
33528	3/16" (2x), 1/8", 1/4", 5/16", 3/8" Cabinet-Tips #1, #2, #3 Phillips-Tips 1 custom heavy-duty carrying case (33538)
6" Hollow Shaft Nut Driver Kit	
33524	3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", and 5/8" sizes 1 custom heavy-duty case (33534)

See website for specific SKUs

32 △ ⌒ ⊘ ⊘

POWER TOOLS

POWERED BY **DeWALT**™

Impact Tools

Cat. No.	Description	Drive Size	Rating	Maximum Speed	Voltage	Included
Compact Wrench and Drills						
BAT20CD1	1/4" Compact Impact Driver Kit	1/4" Hex Quick Connect	210 ft-lbs Torque	2200 RPM	20V Lithium Ion	(2) 4 Ah Batteries, Charger and Bag
BAT20CD	1/4" Compact Impact Driver, Tool Only					Tool Only
BAT20CW1	1/2" Compact Impact Wrench Kit	1/2" Pin Detent				(2) 4 Ah Batteries, Charger and Bag
BAT20CW	1/2" Compact Impact Wrench, Tool Only					Tool Only
BAT20-7161	Impact Wrench, 7/16"	7/16" Quick-Release Chuck	—	1900 RPM		(2) 4 Ah Batteries, Charger and Bag
BAT20-716	Impact Wrench, 7/16"		—			Tool Only
90° Impact Wrench						
BAT20LW1	90° Impact Wrench Kit	1-1/8", 1", 13/16", 3/4" Square	300 ft-lbs Torque	1800 PRM	20V Lithium Ion	Tool, (2) 4 Ah Batteries, Charger and Bag
BAT20LW	90° Impact Wrench, Tool Only					Tool Only

Accessories				
Cat. No.	Description	Drive Size	Socket Size	Number of Points
BAT20LWA	7/16" Adapter for 90° Impact Wrench	7/16"	—	—
BAT20LWS	Replacement Socket for 90° Impact Wrench	1-1/8"	3/4", 13/16"	4
BAT20CLIP	Belt Clip for Impact Wrench and Drill For use with BAT20CD and BAT20CW			

BAT20CW1

BAT20CD

BAT20LW1

BAT20CLIP   BAT20LWA

12-Ton Crimper

● Compatibale with industry standard W-style dies

Cat. No.	Description	Maximum Cable Capacity (MCM)			Included
		Copper	Aluminum	(ACSR)	
BAT20-12T165	12-Ton Crimper with Case	8 AWG to 750 MCM	8 AWG to 750 MCM	556 MCM	C-Style Head and Case
BAT20-12T1651	12-Ton Crimper Kit				C-Style Head, (2) 2 Ah Batteries, Charger and Case

BAT20-12T1651

Gear-Driven Cable Cutters

● One tool cuts copper, aluminum, ACSR and EHS
● Replaceable insert blades
● Open- and closed- jaw styles

BAT20-GD1

COPPER

ALUMINUM

ACSR

Cat. No.	Description	Maximum Cable Capacity (MCM)					Included
		Copper	Aluminum	ACSR	Guy Strand	Ground Rod	
BAT20-GD1	EHS Closed-Jaw Cutter, 2 Ah	750	1500	1590	1/2" EHS	5/8"	(2) 2 Ah Batteries, Charger and Bag
BAT20-GD14H	EHS Closed-Jaw Cutter, 4 Ah	750	1500	1590	1/2" EHS	5/8"	(2) 4 Ah Batteries, Charger and Bag
BAT20-GD10	Cu/Al Closed-Jaw Cutter, 2 Ah	1000	1500	—	—	—	(2) 2 Ah Batteries, Charger and Bag
Replacement Jaws							
BAT20-G4	ACSR Closed-Jaw Cutter	600	1500	1590	—	—	—
BAT20-G5	ACSR Open-Jaw Cutter	400	900	795	—	—	—
BAT20-G8	Cu/Al Closed-Jaw Cutter	750	1500	—	—	—	—
BAT20-G9	Cu/Al Open-Jaw Cutter	600	1000	—	—	—	—
BAT20-GD4BEHS	EHS Closed-Jaw Cutter	750	1500	1590	1/2" EHS	5/8"	—
BAT20-GD4BAC	Cu/Al Closed-Jaw Cutter	1000	1500	—	—	—	—

*DeWALT® is a registered trademark of the Black & Decker corporation.

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

7-Ton Cable Cutter/Crimpers

- One tool with 6 heads to meet different job requirements
- 7-ton hydraulic force provides 15% more cutting and crimping power than similar models on the market
- Compatible with industry standard W-style dies
- Two work lights illuminate darker spaces
- Green light indicator to confirm a good crimp has been made

BAT20-7T14

COPPER

ALUMINUM

ACSR

EHS - 7/16"

GRADE 8 BOLTS

Cat. No.	Description	Maximum Cable Capacity (MCM)					Included
		Copper	Aluminum	ACSR	Guy Strand	Bolt	
BAT20-7T	Cutter/Crimper, Tool Only	—	—	—	—	—	Bag
BAT20-7T4H	Cut/Crimper, BG Die/D3 Groove/ACSR/EHS	500	500	556	7/16" EHS	3/8" Grade 8	BG and D3 Crimping Jaw, ACSR & EHS Cutting Jaw, (2) 4 Ah Batteries, Charger and Bag
BAT20-7T1	Crimper, BG Die/D3 Groove, 2 Ah	600	350	477	—	—	BG Fixed Die and D3 Groove Head, (2) 2 Ah Batteries, Charger and Bag
BAT20-7T14H	Crimper, BG Die/D3 Groove, 4 Ah	600	350	477	—	—	BG Fixed Die and D3 Groove Head, (2) 4 Ah Batteries, Charger and Bag
BAT20-7T2	Cable Crimper, D3 Groove, 2 Ah	600	350	477	—	—	D3 Groove Head, (2) 2Ah Batteries, Charger and Bag
BAT20-7T24H	Cable Crimper, D3 Groove, 4 Ah	600	350	477	—	—	D3 Groove Head, (2) 4Ah Batteries, Charger and Bag
BAT20-7T3	Cable Cutter, Cu/Al, 2 Ah	750	1000	—	—	—	Cutting Jaw, (2) 2 Ah Batteries, Charger and Bag
BAT20-7T34H	Cable Cutter, Cu/Al, 4 Ah	750	1000	—	—	—	Cutting Jaw, (2) 4 Ah Batteries, Charger and Bag
BAT20-7T4	Cable Cutter, ACSR, 2 Ah	500	500	556	—	—	Cutting Jaw, (2) 2 Ah Batteries, Charger and Bag
BAT20-7T44H	Cable Cutter, ACSR, 4 Ah	500	500	556	—	—	Cutting Jaw, (2) 4 Ah Batteries, Charger and Bag
BAT20-7T5	Bolt Cutter, Steel, 2 Ah	—	—	—	7/16" EHS	3/8" Grade 8	Cutting Jaw, (2) 2 Ah Batteries, Charger and Bag
BAT20-7T54H	Bolt Cutter, Steel, 4 Ah	—	—	—	7/16" EHS	3/8" Grade 8	Cutting Jaw, (2) 4 Ah Batteries, Charger and Bag
BAT20-7T13	Cutter/Crimper, No Heads, 2 Ah	—	—	—	—	—	(2) 2 Ah Batteries, Charger and Bag
BAT20-7T134H	Cutter/Crimper, No Heads, 4 Ah	—	—	—	—	—	(2) 4 Ah Batteries, Charger and Bag
BAT20-7T14	Cable Cutter/Crimper Kit, 2 Ah	750	1000	556	7/16" EHS	3/8" Grade 8	(3) Cutting Jaws, (3) Crimping Jaws, (2) 2 Ah Batteries, Charger and Bag
BAT20-7T144H	Cable Cutter/Crimper Kit, 4 Ah	750	1000	556	7/16" EHS	3/8" Grade 8	(3) Cutting Jaws, (3) Crimping Jaws, (2) 4 Ah Batteries, Charger and Bag
BAT20-7T23	Cable Crimper, O+ Die Head, 2 Ah	600	350	477	—	—	O Fixed Die/D3 Groove Crimping Jaw, (2) 2 Ah Batteries, Charger and Bag
BAT20-7T234H	Cable Crimper, O+ Die Head, 4 Ah	600	350	477	—	—	O Fixed Die/D3 Groove Crimping Jaw, (2) 4 Ah Batteries, Charger and Bag
Replacement Jaws							
BAT20-7T6	Crimping Jaw, Fixed BG Die/D3 Groove	600	350	477	—	—	—
BAT20-7T7	Crimping Jaw, D3 Groove	600	350	477	—	—	—
BAT20-7T12	Crimping Jaw, Fixed O Die/D3 Groove	600	350	477	—	—	—
BAT20-7T9	Cutting Jaw, Cu/Al	750	1000	—	—	—	—
BAT20-7T10	Cutting Jaw, ACSR	500	500	556	—	—	—
BAT20-7T11	Cutting Jaw, Steel	—	—	—	7/16" EHS	3/8" Grade 8	—
Replacement Blades							
BAT20-7T16	Cu/Al Cutting Head	750	1000	—	—	—	—
BAT20-7T17	ACSR Cutting Head	500	500	556	—	—	—
BAT20-7T18	Steel Cutting Head	—	—	—	7/16" EHS	3/8" Grade 8	—

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

BOLT CUTTERS AND CABLE BENDERS

Bolt Cutters

● Forged, alloy tool steel jaws are precision ground for sure, efficient cutting and long life

● All purpose, center-cut jaws for soft, medium and hard materials

Cat. No.	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**
Steel Handle Bolt Cutters*			
63314	14" (356 mm)	5/16" (8 mm)	3/16" (5 mm)
63318	18" (457 mm)	3/8" (10 mm)	1/4" (6 mm)
63324	24" (610 mm)	7/16" (11 mm)	5/16" (8 mm)
63330	30" (762 mm)	1/2" (13 mm)	3/8" (10 mm)
63336	36" (914 mm)	9/16" (14 mm)	7/16" (11 mm)
63342	42" (1067 mm)	11/16" (18 mm)	1/2" (13 mm)
Fiberglass Handle Bolt Cutters*			
63118	18-1/4" (464 mm)	3/8" (10 mm)	1/4" (6 mm)
63124	24-1/2" (622 mm)	7/16" (11 mm)	5/16" (8 mm)
63130	30-1/2" (775 mm)	1/2" (13 mm)	3/8" (10 mm)
63136	36-1/2" (927 mm)	1/2" (13 mm)	3/8" (9.5 mm)

* Up to Brinell 300, Rockwell C31.
** Up to Brinell 400, Rockwell C42.
***Replacement parts and blades available.

⚠WARNING: NOT for cutting cable.

63324

63118

Cable Benders

● Forged, one-piece steel construction for exceptional strength and durability

● Head is angled 22° for ease in bending cable in tight, hard-to-access places

● Corrosion-resistant, black-oxide finish with heavy-duty double-dipped plastic handle

● It is recommended that two benders be used for easier bends

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

50400
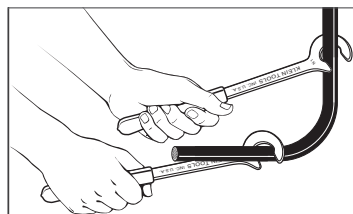
2 benders are recommended for easier bends

UTILITY KNIVES AND CABLE CUTTERS

Self-Retracting Utility Knife

- Knife incorporates a wire-stripping notch
- Safety yellow handle for greater visibility
- Blade removal/insertion without disassembly

Cat. No.	Closed Length	Overall Open Length
44136	5.0" (127 mm)	5.75" (146 mm)

⚠ **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.

44136

Cable Skinning Utility Knife with Replaceable Blade

- Heavy-duty sheepsfoot blade is replaceable to eliminate the need for sharpening
- Blade locks securely by a captive lock screw, making it as a solid as a fixed-blade knife
- Thumb stud for easy opening
- Handle has rubber exterior for increased grip
- A lock-back design securely locks the blade in the open position
- Pocket clip for easy storage and convenient access

Knife shown folding into handle

44218
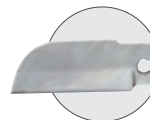
Coping Blade
44138

Hawkbill Blade
44219

Cat. No.	Special Features	Blade Length	Overall Length	Blade Material	Handle Color
44218	Replaceable Blade Knife	2.5" (63.5 mm)	7.797" (198 mm)	440A Stainless Steel	Orange/Black

Replacement Blades			
Cat. No.	Blade Length	Blade Type	Package Quantity
44219	2.5" (63.5 mm)	Hawkbill	3
44138	2.0" (49.2 mm)	Coping	3

Utility Cable and Rope Cutters

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

Cat. No.	Cutting Capacity	Overall Length
63035	MCM Cable 350 Copper, 350 Aluminum	16.75" (425.4 mm)
63035SC	9/32" (7.1 mm) Wire Rope and Cables	16" (406.4 mm)

Stoffel® is a registered trademark of Stoffel Seals Corporation.

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

63035

63035SC

CABLE CUTTERS

Standard Cable Cutters

- Replaceable hook-jaw blades grab and hold cable while shear-cutting action makes clean cuts
- Exceptionally strong fiberglass handles with comfortable, slip resistant grips

63041TH

63700

Cat. No.	Copper	Aluminum	Communication Cable	Overall Length
Standard Cable Cutters				
63041	500 MCM (250 mm^2)	750 MCM (400 mm^2)	1-3/8" (35 mm) dia.	25-1/2" (648 mm)
63041TH	500 MCM (250 mm^2)	750 MCM (400 mm^2)	1-3/8" (35 mm) dia.	25-1/2" (648 mm)
63045	1000 MCM (500 mm^2)	1200 MCM (600 mm^2)	1-3/4" (44 mm) dia.	32" (813 mm)
63047	900-pair soft copper and aluminum	up to 2-1/4" (57 mm) diameter	1-3/4" (44 mm) dia.	37" (940 mm)

⚠WARNING: Do NOT cut steel or ACSR.

Ratcheting Cable Cutters

- Plastic covered handles with hand guards for comfort and firm grip
- High-leverage ratchet mechanism for easier cutting
- Patented two-step ratchet mechanism requires fewer strokes per cut
- Cat No. 63700 cuts steel and ACSR 5/8" (16 mm) dia. steel wire rope, 1/2" (13 mm) dia. steel rod (C.R.S. SOFT)

63750

63060

Cat. No.	Copper	Aluminum	ACSR	Guy Strand	Communication Cable	Overall Length
Ratcheting Cable Cutters						
63060	400 MCM (185 mm^2)	600 MCM (300 mm^2)	–	–	1-1/8" (28 mm)	10-1/4" (260 mm)
63711	600 MCM (300 mm^2)	750 MCM (400 mm^2)	–	–	1-1/8" (28 mm)	11-1/2" (292 mm)
63750	1000 MCM (500 mm^2) 750 MCM (400 mm^2)	Frequent Use: 1000 MCM (500 mm^2) Frequent Use: 750 MCM (400 mm^2)	–	–	2-1/16" (52 mm)	12-1/8" (308 mm)
63607	400 MCM (300 mm^2)	600 MCM (300 mm^2)	336 MCM (170 mm^2)	–	–	10-1/4" (260 mm)
63700	750 MCM (400 mm^2)	750 MCM (400 mm^2)	1-1/4" (32 mm) dia., ACSR	7/16" (11 mm) dia.	–	28" (711 mm)
63800ACSR	1-1/4" (32 mm)	1" (25 mm)	477 MCM (273 mm^2)	1/2" (13 mm)	–	13-3/4" (349 mm)
63601	600 MCM (300 mm^2)	1000 MCM (500 mm^2)	–	–	2-1/16" (52.4 mm)	10-1/4" (260 mm)

Cat. No.	Description	Fits Klein Cat. No.	Cat. No.	Description	Fits Klein Cat. No.
Replacement Cable Cutter Heads (complete)					
63081	Cutter Head	63041 and 63041TH	63367	Moving Handle Set	Pre-2017 63060
63090	Cutter Head	63045	63368	Fixed Handle Set	Pre-2017 63060
63110	Cutter Head	63047	63445	Pawl Set	Pre-2017 63607
63858	Insert Blade Set	63800ACSR	63446	Moving Handle Set	Pre-2017 63607
63065	Replacement Spring Kit	Pre-2017 63060	63751	Replacement Moving Blade Set	Pre-2017 63750
63364	Moving Blade Set	Pre-2017 63060	63752	Fixed Blade Set	Pre-2017 63750
63365	Blade Set	Pre-2017 63060	63753	Replacement Ratchet Pawl Set	Pre-2017 63750
63366	Ratchet Pawl Set	Pre-2017 63060	63754	Replacement Moving Handle Set	Pre-2017 63750
63369	Ratchet Release Plate	Pre-2017 63060	63755	Replacement Fixed Handle Set	Pre-2017 63750
63370	Blade Set	Pre-2017 63060	63756	Ratchet Release Plate Set	Pre-2017 63750
63443	Moving Blade Set	Pre-2017 63607	63757	Replacement Springs	Pre-2017 63750
63444	Fixed Blade Set	Pre-2017 63607			

⚠**WARNING:** Do NOT use to cut steel or ACSR if it is not indicated in the chart.

MEASURING TOOLS

Rechargeable Self-Leveling Green Planar Laser Level

- X-, Y-, and Z-planes project independently or together
- Intersection of the Y-plane and Z-plane create plumb marks
- Easy-to-see 360° bright green laser lines
- 9+ hour run time with integrated rechargeable Li-Ion battery
- Integrated magnetic mounting bracket with 1/4-20 tripod mounting threads
- Replacement Li-Ion battery (Cat. No. 29026) sold separately

93PLL

Cat. No.	Description	Dimensions
93PLL	Rechargeable Self-Leveling Green Planar Laser Level	5.5" x 3.5" x 4.8" (2.2 x 1.4 x 1.9 cm)
29026	Lithium-ion Battery Pack (Replacement Part)	1.9" x 3" x 1.9" (0.8 x 1.2 x 0.8 cm)

Self-Leveling Cross-Line Laser Levels

- Projects horizontal and vertical lines independently or together for various alignments
- Plumb spot lasers to pinpoint overhead locations (models 93LCLS and 93LCLG)
- Integrated magnetic 360˚ mounting bracket with 1/4" and 5/8" tripod mounting threads
- Additional mounting clamp attachment for use on ceiling grid applications
- IP54: water and dust resistant
- Include hard plastic carrying case

Cat. No.	Horizontal and Vertical Laser	Plumb Spot Laser	Batteries	Max Distance	Includes
93LCL	Red	Red	3 x AA	65' (20 m)	Case, Mounting Clamp, Batteries
93LCLS					
93LCLG	Green			70' (21 m)	

93LCL   93LCLS

24" Torpedo Level

- Adjustable vial allows angle transfer between multiple surfaces
- Patented magnet track keeps powerful rare earth magnets in place
- Top V-Groove fits contour of conduit and pipe
- High visibility vials with reinforced housing
- Durable rubberized end caps increase drop protection at 9.9-feet (3 m)
- Rubber grip handle for easy transportation and use
- Orange body for visibility so it won't get lost on conduit
- Hang holes on each end for easy storage

935L

Cat. No.	Accuracy	Number of Vials	Type of Vials	Features
935L	+/- 0.029°	3	0°, 90°, Adjustable	Rare Earth Magnets, Adjustable Bubble Vial, V-Grove on Top

Laser Line Bubble Level

- Projects a horizontal laser line and spot parallel to the base of the level up to 75-feet (22.9 m)
- Three easy-to-read bubble vials - horizontal and cross vials at 0° level, and vertical vial at 90°
- Strong rare earth magnetic base attaches to ferromagnetic surfaces
- Large top-view vial windows for improved visibility
- High-visibility orange cast aluminum body is easy to see on conduit and at jobsites
- V-groove fits contour of pipe and conduit
- Removable leveling stand has thumb screws for manual leveling on uneven surfaces

LBL100

Cat. No.	Accuracy	Number of Vials	Type of Vials	Batteries	Includes
LBL100	Vials: 0.043°; Spot: +/-0.02" (+/-0.5 mm) at 39.4" (1 m) from Level	3	0° Horizontal and Cross, 90° Vertical	3x AAA	Leveling stand, Batteries

MEASURING TOOLS AND POWERBOX

Laser Distance Measurer

- Measures up to 98-feet (30 m) in distance with an accuracy of +/- 1/16"
- Quickly calculates area, length, volume and Pythagoras measurements with large, easy-to read buttons
- Provides both fractional (imperial) and metric readings
- Easily takes single, continuous and cumulative measurements
- Highly visible backlit display
- Memory stores last 20 measurements

93LDM65

Cat. No.	Batteries	Height	Includes
93LDM65	2 x AAA	4.5" (11.5 cm)	Carrying pouch, lanyard, screwdriver and batteries

Powerbox 1

29601

- Magnetically mounts to metal job boxes and workbenches
- Four 120V AC outlets, two USB-A ports and one PD capable USB-C port for fast charging of cell phones, laptops, and other compatible devices
- LED lights brighten up any job box to locate stored tools, batteries, and cords
- Surge protection with LED indicator light protects equipment from electrical spikes
- 5' durable power cord supplies power to job boxes and work benches
- Extended strain relief on power cord increases durability for long product life
- Mount to non-magnetic locations with the built-in hanging holes

Cat. No.	Description	Dimensions
29601	PowerBox 1	5.8" x 1.8" x 4.7" (14.8 x 4.6 x 12 cm)
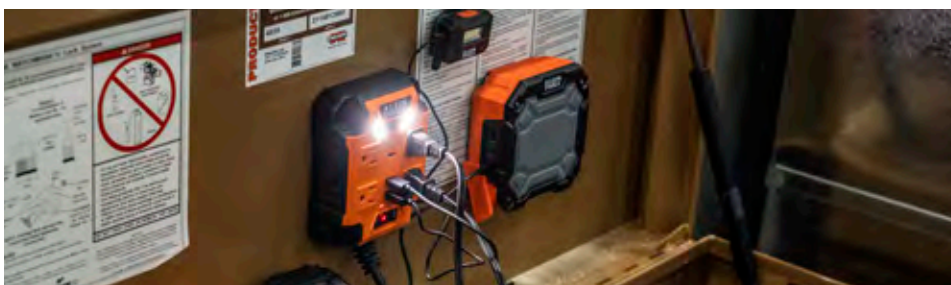
Advanced Circuit Tracer Kit

- Easily adjust receiver sensitivity level to detect the transmitted signal on breakers, fuses, and wire through drywall, cement block, and underground
- Audible beep and visual indicator on receiver denotes signal strength
- Receiver features a flashlight for illumination in low-light areas and NCV function to test if wires are energized
- Versatile applications include tracing wires, conduit or pipes, and a single wire in a bundle
- Transmitter has AC/DC external voltage indicators 12V, 48V, 120V, 240V, 480V

ET450

Cat. No.	Description	Included
ET450	Advanced Circuit Tracer Kit	Transmitter, Receiver, Blade and Ground Prongs, Alligator Clips, 3' and 20' Lead Adapters, AC Plug Leads, Instructions, All Required Batteries, Hard Carrying Case

Replacement Parts	
69357	AC Plug to Banana Jack
69358	20' Banana Jack Cable
69359	3' Banana Jack Cables, Red and Black
69360	Alligator Clamps and Outlet Tabs

CONTRACTOR CRATE

2022 Promotion

CONTRACTOR EXCLUSIVE

- Safety Products
- Test & Measurement
- Layout & Measurement
- Wire Pulling
- Impact Driving
- Thermal Imaging

HOW IT WORKS:

- Field Specialist identifies Contractor and Contractor's Preferred Klein Tools' Authorized Distributor.

- Field Specialist contacts appropriate Klein Tools District Manager or Authorized Sales Representative.

- Field Specialists & DM/Sales Representative arrange a sales call to the contractor's worksite and write an order utilizing pricing from Official Contractor Crate Promotion Klein Tools' Price List (same as minimum advertised pricing from standard price list).

- Klein Tools DM takes order to preferred distributor.

- Preferred Distributor submits order to Klein Tools for shipment.

- All orders must be a **DROP-SHIPMENT DIRECT SHIP TO CONTRACTOR WORK SITE**†

- If order is not submitted as a **DROP-SHIPMENT**, promotional kit **WILL NOT BE SENT** – promotion is invalid.

- Minimum Klein Tools product to qualify for the free promotional kit must equal/exceed $1,500 in Klein Tools products (calculated via Klein Tools MAP Price Sheet)◊.

- Order must be faxed/emailed to customer service for processing.

- Order must contain one of the six kits and promotion codes:

- This promotion **MAY NOT BE COMBINED WITH ANY OTHER PROMOTIONS OR OFFERS – NO EXCEPTIONS!**

- Planned conclusion 31 December 2022.

- LIMIT 1 order/kit per contractor work site.

- Available while supplies last and subject to change without notice.

Safety Products
MPK00060

Catalog No.	Description	Qty.
60145	Safety Helmet, Non-Vented-Class E, White	1
VISORCLR	Safety Helmet Visor, Clear	1
60174	Standard Safety Glasses-Semi Frame, Combo Pack	2
60268	Safety Vest, High-Visibility Reflective Vest, XL	2
60269	Safety Vest, High-Visibility Reflective Vest, M/L	2
60442	Reusable Face Mask with Replaceable Filters	2
56063	Rechargeable Safety Lamp with Magnet	1
60107RL	Hard Hat, Non-Vented, Cap Style with Rechargeable Headlamp, White	1
60406RL	Hard Hat, Non-Vented, Full Brim with Rechargeable Headlamp, White	2
Total Items		14

Test & Measurement
MPK00061

Catalog No.	Description	Qty.
ET600	Insulation Resistance Tester	1
CL900	Digital Clamp Meter, AC Auto-Range TRMS, Low Impedance (LoZ), 2000 Amp	1
ET20	WiFi Borescope	1
Total Items		3

Layout & Measurement
MPK00062

Catalog No.	Description	Qty.
93LCLG	Laser Level, Self-Leveling Green Cross-Line and Red Plumb Spot	1
935DAGL	Digital Level with Programmable Angles	1
935L	Bubble Level, 3 Vial, 24-Inch	1
Total Items		3

Wire Pulling

MPK00063

Catalog No.	Description	Qty
56334	Steel Fish Tape, 1/8-Inch x 240-Foot	2
50550	Glow Fish Tape, 20-Foot	2
56383	Multi-Groove Fiberglass Fish Tape with Nylon Tip, 100-Foot	2
51100	Wire Pulling Foam Lubricant	6
50611	Magnetic Wire Puller	1
Total Items		13

Impact Driving

MPK00064

Catalog No.	Description	Qty
BAT20CD1	Battery-Operated Compact Impact Driver, 1/4-Inch Hex Drive, Full Kit	1
Total Items		1

Thermal Imaging

MPK00065

Catalog No.	Description	Qty
TI250	Rechargeable Thermal Imager	1
Total Items		1

CONTRACTOR COMMUNICATION
RESOURCE

Learn how Klein Tools will partner with your company to save time and money.

Scan the QR code to learn more about the following value-add programs:

- **Custom Kits**
- **Preferred Pro**
- **Tool Conversion**
- **On-Site Events**
- **Quarterly New Products**
- **Product Demonstrations**

KLEIN TOOLS®

EST. 1857
KLEIN TOOLS

WARNINGS AND WARRANTY

Warning Symbols

⚠️	Warning Symbol	🥽	Wear Eye Protection	✏️🚫	Do Not Use To Chisel
☢️	Warning Laser	📖ℹ️	Read Instructions Before Use	🔧🚫	Do Not Use to Pry
⚡	Risk Of Shock		Pinch Point Hazard	🔨🚫	Do Not Push Or Hammer
⚡	For Use on Bare Live Conductor (Clamp Meter)		Use Safe Work Position	🚫	Do Not Push Or Hammer
▢	Double Insulated	✋	Do Not Use On Or Near Live Electrical Circuits	🚫	Do Not Push Or Hammer

Fish Tapes

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

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.　　⚠️ **1000 V**

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

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

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

Personal Protective Equipment
(Hard Hats, Eyewear, Accessories)

⚠️**WARNING:** It is important that users of these products read, understand, and follow all instructions, cautions, and warnings that are attached to and/or packed with the product.

Infrared Thermometer

⚠️**CAUTION:** Reflective materials may be hotter than indicated. Laser radiation-Do NOT stare into beam. Class 2 laser product.

Test and Measurement

⚠️**WARNING:**
- 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.

See www.kleintools.com/warranty for more information.

Warranty Returns

All warranty returns must include a Warranty Return Authorization (WRA) number. The WRA for the U.S. can be obtained by calling Customer Service at 1-800-553-4676. (International call 1-847-821-5500) or email serviceonline@kleintools.com.

Specifications of all products in this catalog are subject to change without notice.

Dimensions shown for all forged products in this catalog are as precisely accurate as possible, but subject to very slight variations that are unavoidable in forging and grinding operations. Dimensions of Klein forged tools and all other tools and equipment are always within commercial tolerances recognized for such products.

TRADESMAN CLUB

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at www.kleintradesmanclub.com
for new products, innovations
and chances to win **FREE** tools

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and chances to win **FREE** tools

KLEIN TOOLS®