



ESSENTIAL PRODUCTS FOR LARGE AND SMALL

# Municipalities and Institutions



[www.kleintools.com](http://www.kleintools.com)

**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.

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 choice of professionals in the USA**

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### 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](mailto: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.

See [www.kleintools.com/warranty](http://www.kleintools.com/warranty) for more information.

**⚠ WARNINGS/CAUTIONS: For all products, see [www.kleintools.com](http://www.kleintools.com)**

### Warning Symbols

	Warning Symbol		Wear Eye Protection		Do Not Use To Pry
	Laser Warning		Read Instructions Before Use		Do Not Push Or Hammer
	Risk Of Shock		Do Not Use On Or Near Live Electrical Circuits		Do Not Strike Hammer Faces Together
	Strong Magnetic Field		Use Safe Work Position		Do Not Extend Handle Length
	For Use on Bare Live Conductor (Clamp Meter)		Pinch Point Hazard		Do Not Sit
	Double Insulated		Do Not Use To Chisel		Do Not Step or Stand





# Continuing to expand and refine our product offering



## SOME NEW PRODUCT HIGHLIGHTS



14-in-1 Precision Screwdriver/Nut Driver (32314)

27-In-1 Precision Tamper proof Multi-Bit Screwdriver (32327)

11-in-1 Magnetic Screwdriver/Nut Driver (32500MAG)

14-in-1 Multi-Bit Adjustable Length Screwdriver (32303)

15-in-1 Multi-Bit Ratcheting Screwdriver (32305)

14-in-1 HVAC Adjustable-Length Impact Screwdriver (32304)

8-in-1 Multi-Bit Adjustable Length Stubby Screwdriver (32308)

27-in-1 Multi-Bit Tamper proof Screwdriver (32307)



Klein-Kurve® Heavy-Duty Wire Stripper/Cutter/Crimper Multi Tool, 8-20 AWG (K12065CR)

9" High-Leverage Cable Cutter (63225)



Klein-Kurve® Wire Stripper/Cutter, 8-20 AWG (K11095)



6-1/2" High-Leverage Compact Cable Cutter (63215)



Klein-Kurve® Heavy-Duty Wire Stripper 8-20 AWG (K12035)

Find all the Klein Tools for your next job at [www.kleintools.com](http://www.kleintools.com)



Cat. No.	Nose Type	Cutting Knives	Handle Finish	Overall Length
<b>High-Leverage Lineman's Pliers</b>				
D2139NEINS	New England	Side-Cutting	2-Layer Insulation	9.68" (24.6 cm)
D20009NEINS		Heavy-Duty Side-Cutting		
D2139NECRINS		Side-Cutting w/Crimping		
2138NEEINS		Side-Cutting	3-Layer Insulation	8.82" (22.4 cm)
2139NEEINS				9.53" (24.2 cm)
20009NEEINS				
<b>Long-Nose Pliers - Side-Cutting</b>				
D203-6-INS	Long	Side-Cutting	2-Layer Insulation	6.9" (17.5 cm)
2036EINS			3-Layer Insulation	
D203-7-INS			2-Layer Insulation	7.37" (18.7 cm)
2037EINS			3-Layer Insulation	7.43" (18.9 cm)
D2038INS			2-Layer Insulation	8.91" (22.6 cm)
2038EINS			3-Layer Insulation	8.77" (22.3 cm)
D203-8N-INS		Side Cutting w/Stripping	2-Layer Insulation	8.91" (22.6 cm)
<b>High-Leverage Diagonal Cutting Pliers</b>				
D220-7-INS	Tapered, Heavy-Duty	Standard Cutting	2-Layer Insulation	7.67" (19.5 cm)
D228-8-INS	Angled			8.24" (20.9 cm)
D248-8-INS				
D2000-28-INS	Tapered			3-Layer Insulation
200028EINS*	Angled		2-Layer Insulation	
D200048INS			2-Layer Insulation	8.24" (20.9 cm)
200048EINS*				
<b>Combination Pliers</b>				
12098EINS	Universal	Side-Cutting	3-Layer Insulation	8.71" (20.1 cm)
12098INS			2-Layer Insulation	8.76" (22.3 cm)

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

Cat. No.	Jaw Capacity	Handle Finish	Overall Length
<b>Pump Pliers</b>			
50210EINS	1.75" (4.5 cm)	3-Layer Insulation	10.29" (26.1 cm)
D502-10-INS		2-Layer Insulation	10.3" (26.2 cm)

Cat. No.	Cuts Up to	Crimps	Handle Finish	Overall Length
<b>High-Leverage Cable Cutter</b>				
63050-EINS	4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable	—	3-Layer Insulation	9.625" (24.5 cm)
63050-INS			2-Layer Insulation	
1005-INS	—	10-22 AWG Insulated and Non-Insulated Terminals	2-Layer Insulation	10" (25.4 cm)

Cat. No.	Strips and Cuts	Handle Finish	Overall Length
<b>Wire Stripper</b>			
11054EINS	8-16 AWG Solid & 10-18 AWG Stranded	3-Layer Insulation	7.7" (19.6 cm)



**High-Leverage Side-Cutting Pliers**

2139NEEINS



**Long Nose Pliers Side-Cutting**

D2036INS



2-Layer Insulation



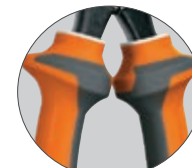
**High-Leverage Diagonal Cutting Pliers**

200028EINS



**Combination Pliers**

12098EINS



3-Layer Insulation



**Tongue & Groove Pliers**

50210EINS



**High-Leverage Cable Cutter**

63050-EINS



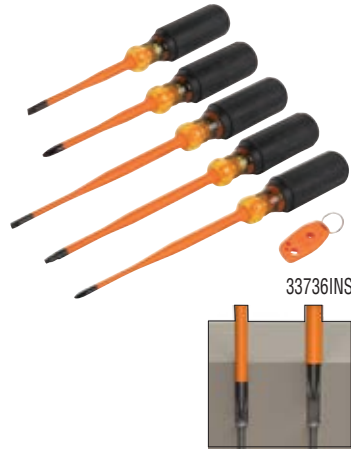
**KLEIN-KURVE Wire Stripper**

11054EINS

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

## Insulated Slim-Tip Screwdrivers

- Slim tip that allows for greater access into tight spaces
- Tip sits flush with the tip helping to reduce insulation chipping and cracking
- Available individually and in a variety of sets
- Meets or exceeds ASTM F-1505-16 and IEC 60900:2018



33736INS

Cat. No.	Kit Contains	
<b>2-Piece Insulated Slim-Tip Screwdriver Kit</b>		
33732INS	1/4" Cabinet-Tip Screwdriver	#2 Phillips-Tip Screwdriver
<b>4-Piece Insulated Slim-Tip Screwdriver Kit</b>		
33734INS	3/16", 1/4" Cabinet-Tips Screwdriver	#2 Phillips-Tip Screwdriver
	#2 Square-Tip Screwdriver	
<b>6-Piece Insulated Slim-Tip Screwdriver Kit</b>		
33736INS	3/16", 1/4" Cabinet-Tips Screwdriver	#1, #2 Phillips-Tip Screwdriver
	#2 Square-Tip Screwdriver	Magnetizer/ Demagnetizer

\*See website for specific SKUs

## 8-Piece Insulated Tool Kit

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



33529

Cat. No.	Kit Contains	
<b>8-Piece Basic Insulated Tool Kit</b>		
33526	(2) Side-Cutters	(1) Phillips-Tip Screwdriver
	(1) Diagonal-Cutter	(1) Cable Cutter
	(2) Cabinet-Tip Screwdrivers	(1) Wire Stripper/Cutter
<b>8-Piece Premium Insulated Tool Kit</b>		
33529	(1) 2000 Series Side Cutter	(1) Klein-Kurve Wire Stripper/Cutter
	(1) Side-Cutter	(2) Cabinet-Tip Screwdrivers
	(1) 2000 Series Diagonal-Cutter	(1) Phillips-Tip Screwdrivers
	(1) Cable Cutter	

\*See website for specific SKUs

## 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.	Kit Contains	
<b>5-Piece Insulated Tool Kit</b>		
94130	(1) Wire Stripper/Cutter	(1) Slim-Tip #2 Phillips, Screwdriver, 4" Round Shank
	(1) 8" Diagonal Cutters	(1) Slim-Tip 1/4" Cabinet, Screwdriver, 4" Round Shank
	(1) 9" Side-Cutters, Slim Handle	

\*See website for specific SKUs

## Insulated Interchangeable 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
- Meet or exceed ASTM F1505 standards for insulation



32286



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



32288

Cat. No.	Kit Contains	
<b>6-Piece Interchangeable Screwdriver Set</b>		
32288	Single-Ended Replacement Blade, 2-Pack	Double-Ended Replacement Blade, 3-Pack
	(1) #2 Phillips	(2) #1, #2 Phillips
	(1) 1/4" Slotted	(2) 3/16", 1/4" Cabinet
	Handle & Carrying Pouch	(2) #1, #2 Square

\*See website for specific SKUs

## 9-Piece Insulated Driver Kits

- 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.



33528

Cat. No.	Kit Contains	
<b>9-Piece Insulated Screwdrivers - Round-Shank - Kit</b>		
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)
<b>9-Piece Insulated Hollow-Shaft Nut Drivers - Kit</b>		
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

**22-Piece Insulated 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	
<b>22-Piece Insulated Tool Kit</b>		
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 Insulated Utility Tool Kit**



33525

Cat. No.	Kit Contains	
<b>13-Piece Insulated Utility Kit with custom carrying case</b>		
33525	(1) 2000 Series Side-Cutter (2) Long-Nose Side-Cutters (2) 2000 Series Diagonal-Cutters (1) Pump Pliers (1) 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

<b>13-Piece Utility Insulated Tool Kit with roll up case</b>	
33525SC	Same as 33525 but has a light, compact, soft roll-up case/w shoulder strap (33535SC)

\*See website for specific SKUs

**HAMMERS**

**Electrician's Hammers**

- High-strength fiberglass core for maximum shock absorption
- H80718 features an engineered claw pulling feature for NMB (Romex®) staple removal



Cat. No.	Type	Feature	Head Weight	Overall Length
H80816	Straight-Claw	Tether Hole for Hanging	16 oz (454 g)	12.8" (32.5 cm)
H80820	Straight-Claw	Tether Hole for Hanging	20 oz (567 g)	12.8" (32.5 cm)
H80718	Straight-Claw	NM-B Staple Pulling; Tether Hole for Hanging	18 oz (510 g)	14.8" (38 cm)
H80332	Ball-Peen	Tether Hole for Hanging	32 oz (907 g)	14.9" (38 cm)

Romex® is a registered trademark of Southwire Company.

**Straight-Claw Hammers**

- High-strength fiberglass shaft absorbs shock and keeps head tight
- Heavy-duty, double-duty hammer drives lags and pulls large nails (Cat. No. 832-32)
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw (Cat. No. 832-32)



Cat. No.	Type	Head Weight	Overall Length
807-18	Straight-Claw	18 oz (510 g)	15" (38.1 cm)
808-16	Straight-Claw	16 oz (454 g)	13" (33 cm)
832-32	Lineman's Straight-Claw	32 oz (907 g)	15" (38.1 cm)

**Lineman's Claw Milled Hammer**

- Large head for driving in staples and lag bolts
- Milled face aids in driving staples into utility poles
- Claw end for removing nails, molding, and ground wire

Cat. No.	Head Weight	Overall Length
832-26	26 oz (737 g)	14.84" (38 cm)



**Specialty Hammers**

**Non-Sparking**

Cat. No.	Feature	Head Weight	Overall Length
809-36	Double-Face	36 oz (1021 g)	14" (35.6 cm)
809-36MF	Milled-Face	36 oz (1021 g)	14" (35.6 cm)

**Lineman's Double-Face**

Cat. No.	Head Weight	Overall Length
819-03	3.0 lb (1.4 kg)	15.75" (40 cm)
819-04	4.0 lb (1.8 kg)	16" (40.6 cm)

**Dead Blow**

Cat. No.	Head Weight	Overall Length
811-16	16 oz (454 g)	12.5" (31.8 cm)
811-32	32 oz (907 g)	18" (45.7 cm)

**Brass Sledge**

Cat. No.	Head Weight	Overall Length
7HBRFRH07	7 lb (3.2 kg)	32" (81.3 cm)
7HBRFRH10	10 lb (4.5 kg)	36" (91.4 cm)
7HBRFRH04	4 lb (1.8 kg)	16" (40.6 cm)
7HBRFRH14	14 lb (6.4 kg)	36" (91.4 cm)



See www.kleintools.com for all hammer instructions, maintenance, and warnings

# WIRE PULLING

## 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



Cat. No.	Tape Material	Length	Width	Reel Diameter	End/Leader
56350	Fiberglass	50' (15.2 m)	3/16" (0.5 cm)	13" (33 cm)	Spiral Steel Leader
56351		100' (30.5m)		17" (43.2 cm)	
56014		200' (60.96 m)			
56382	Multi-Groove Fiberglass	50' (15.2 m)		13" (33 cm)	Nylon Tip
56383		100' (30.5 m)		17" (43.2 cm)	
56059		200' (61 m)		13" (33 cm)	Spiral Steel Leader
56380		100' (30.5 m)	17" (43.2 cm)		
56056		200' (61 m)			
Wide Steel Fish Tapes					
56002	Stainless Steel	65' (19.8 m)	1/8" (0.3 cm)	9" (22.9 cm)	Spiral Steel Leader
56341		240' (73.2 m)		13" (33 cm)	
56335	Steel	25' (7.6 m)	1/4" (0.6 cm)	7" (17.8 cm)	Slim Plastic Tip
56331		50' (15.2 m)	1/8" (0.3 cm)	13" (33 cm)	Double-Loop
56333		120' (36.6 m)		7" (17.8 cm)	
56334		240' (73.2 m)	1/4" (0.6 cm)	13" (33 cm)	



### Fiberglass



### 7" Spiral Leader



### Non-Conductive

eyelet tip offers added protection against shock from energized sources.

### Stainless / Flat Steel



### Laser Etched Markings

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

\*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	<ul style="list-style-type: none"> <li>• Improved grip while pulling round-diameter, composite fish tapes</li> <li>• Fits conveniently into center of 13" (33 cm) Fish Tape case for easy storage</li> </ul>
56108	500' Poly Pull Line	1-quart container with orange trace 210 lb. average breaking strength
56110	6500' Poly Pull Line	5 gallon bucket with orange trace 210 lb. average breaking strength



## 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



Cat. No.	Tape Material	Length	Reel Diameter	End/Leader
50550	Fiberglass	20' (6 m)	7.5" (19.1 cm)	Glow-in-the-Dark Nylon Eyelet



# WIRE PULLING

## Fish Rods and Sets



Cat. No.	Description	Diameter	Included
56406	Hi-Flex Glow Rod w/Splinter Guard™ Coating, 6'	5/32" (0.4 cm)	(1) 6' (1.8 m) Glow Rod with Bullet Nose
<b>Fish and Glow Rod Sets</b>			
56312	Lo-Flex Fish Rod Set, w/Splinter Guard™ Coating, 12' (3.6 m)	1/4" (0.6 cm)	(3) 4' (1.2 m) Fish Rods with Bullet Nose and Hook Attachments
56324	Lo-Flex Fish Rod Set, w/Splinter Guard™ Coating, 24' (7.3 m)		(4) 6' (1.5 m) Fish Rods with Bullet Nose and Hook Attachments
56325	Fish and Glow Rod Set, w/Splinter Guard™ Coating, 25' (7.6 m)	3/16", 1/4" (0.5 and 0.6 cm)	(5) 1/4" Diameter 4' Fish Rods, (1) 3/16" Diameter 5' Glow Rod with Bullet Nose and Hook Attachments
56409	Mid-Flex Glow Rod Set, w/Splinter Guard™ Coating, 9' (2.7 m)	3/16" (0.5 cm)	(1) 6' (1.8 m) Glow Rod with Bullet Nose
56415	Mid-Flex Glow Rod Set, w/Splinter Guard™ Coating, 15' (4.6 m)	3/16" (0.5 cm)	(3) 5' (1.5 m) Glow Rods with Bullet Nose and Hook Attachments
56418	Hi-Flex Glow Rod Set, w/Splinter Guard™ Coating, 18' (5.5 m)	5/32" (0.4 cm)	(3) 6' (1.8 m) Glow Rods with Bullet Nose and Hook Attachments
56430	Glow Rod Set, w/Splinter Guard™ Coating, 30' (9.1 m)	3/16" (0.5 cm)	(6) 5' (1.5 m) Glow Rods with Bullet Nose, Hook, and LED-Illuminated Tip Attachments
56400	Splinter Guard™ Fish and Glow Rod Kit, 33' (10 m)	5/32", 3/16", 1/4" (0.4, 0.5, 0.6, cm)	8 Rods: (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	Deluxe Fish Rod Set, 19-Piece, 33' (10 m)	1/64", 3/16", 1/4" (0.4, 0.5, 0.6, cm)	10 Rods: (2) 1/4" (6 mm) black 3-1/3' (1 m) long rods, (6) 3/16" (0.5 cm) red 3-1/3' (1 m) rods, (2) 1/64" (0.4 cm) yellow 3-1/3' (1 m) rods, (1) Carrying Tube
SRS56981	Mega Fish Rod Kit, 34-Piece, 52' (16 m)	1/64", 3/16", 1/4" (0.4, 0.5, 0.6, cm)	<b>13 Rods:</b> (3) 1/4" (0.6 cm) black 3-1/3' (1 m) long rods, (6) 3/16" (0.5 cm) red 3-1/3' (1 m) rods, (3) 1/64" (0.4 cm) yellow 3-1/3' (1 m) rods, (1) 3/16" (0.5 cm) nylon 3-1/3' (1 m) rod <b>3 Swivel Rods:</b> (1) 3/16" (0.5 cm) red 3-1/3' (1 m) rod, (1) 1/64" (0.4 cm) yellow 3-1/3' (1 m) rod, (1) 3/16" (0.5 cm) glow swivel 3-1/3' (1 m) rod <b>12 Attachments:</b> (1) Domed Bullet, (1) Flat Bullet, (1) Gender Change Adapter, (1) Strong Magnet, (1) Lighted Tip, (1) Chain, (2) Super Grips, (1) Tough Hook, (1) Mini Eye and Ring, (1) Flex Lead, and (1) Super Flex Lead <b>5 Glow Attachments:</b> (1) Domed Bullet, (1) Glow Mini Eye, (1) Glow Claw, (1) Glow Domed Eye, (1) Glow Mini Hook, (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" (35.6 cm) 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



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



## Wire Pulling Accessories



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: (1) Bullet Nose, (1) Double-S hook, (1) Whisk, (1) Chain, (1) Magnet, (1) Twin hook, (1) Single hook and (1) 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





# 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°



Cat. No.	Description	Dimensions	
<b>Assembled Conduit Benders</b>			
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)
<b>Conduit Bender Heads</b>			
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)	
<b>Replacement Angle Setters™</b>			
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)	



51611



# TOOL BAGS

## TRADESMAN PRO™ Bags

- Cat. Nos. 55421BP-14 & 55597 have tall, interior pockets for long screwdrivers
- Water-resistant to protect your tools (Cat. Nos. 55421BP-14, 55421BP14CAMO, & 55485)
- 1680d ballistic weave for durability
- Fully molded bottoms to protect from the elements (all except Cat. No. 55599)



55421BP-14



55421BP14CAMO



55485



55597



55599

Realtree Camouflage Design © 2022 of Jordan Outdoor Enterprises, Ltd., all rights reserved.

Cat. No.	Type	Special Features	Number of Pockets	Overall Length	Overall Width	Overall Height
55421BP-14	Backpack	Hard front pocket	39	14.5" (36.8 cm)	7.25" (18.4 cm)	20" (50.8 cm)
55421BP14CAMO	Backpack,	Camo	39	14.5" (36.8 cm)	7.25" (18.4 cm)	20" (50.8 cm)
55485	Tool Master Backpack	Removable tool caddy, Aircraft cable reinforced handles	48	11" (27.9 cm)	13.5" (34.3 cm)	19.5" (50 cm)
55597	Backpack	Hi-Visibility* reflective shoulder and front strips	39	14.375" (36.5 cm)	7" (17.8 cm)	20" (50.8 cm)
55599	Zipper Bags	Hi-Visibility*, aluminum carabiner, 2-pack	1	12.5" (31.8 cm) 10" (25.4 cm)	1.5" (3.8 cm)	7" (17.8 cm) 5.5" (14 cm)

\* DOES NOT conform to ANSI/SEA 107-2015 high visibility safety apparel and accessories standard.

## Lineman's Duffel Bag

- Bright orange for easy visibility
- Water-resistant vinyl protects against the elements
- Drain holes help minimize water build up
- Mesh strips keep bag aerated so clothes and equipment can dry
- Web straps extend around the bag for extra support
- Handles are large enough to carry bag like a backpack

Cat. No.	Overall Length	Overall Width	Overall Height
5216V	24" (61 cm)	12" (30.5 cm)	12" (30.5 cm)



5216V



## Deluxe Canvas Tool Bags

- Multiple interior pockets for organization
- Detachable shoulder strap can be adjusted for a perfect fit
- Made of heavy-duty No. 8 natural canvas; Cat. Nos. 5102-16SPBLK and 5102-18SPBLK are made of black canvas
- Moisture-resistant vinyl bottom with non-scratch studs on the base to protect against wear
- Steel frame mouth with hinge for rugged use
- Stitched and riveted leather handles for long life
- Made in USA with global components

Cat. No.	Number of Pockets	Overall Length	Overall Width	Overall Height
5102-14SP	10	14" (35.6 cm)	6" (15.2 cm)	14" (35.6 cm)
5102-16SP	13	16" (40.6 cm)	6" (15.2 cm)	14" (35.6 cm)
5102-16SPBLK	13	16" (40.6 cm)	6" (15.2 cm)	14" (35.6 cm)
5102-18SP	13	18" (45.7 cm)	6" (15.2 cm)	14" (35.6 cm)
5102-18SPBLK	13	18" (45.7 cm)	6" (15.2 cm)	14" (35.6 cm)
5102-24SP	17	24" (61 cm)	6" (15.2 cm)	15" (38.1 cm)



5102-16SP

## Canvas Tool Bags

- Heavy-duty No. 8 natural canvas
- Rivet-reinforced for durability
- Steel-frame mouth with hinge for rugged use
- Stitched and riveted leather handles for comfort and strength
- Two retaining straps with buckles provide secure closure
- Bottom and lower sides are covered with moisture-resistant vinyl
- Non-scratch studs on base protect against wear
- Should strap kit available (Cat. No. 5102S)
- Made in USA with global components

Cat. No.	Overall Length	Overall Width	Overall Height
5102-12	12" (30.5 cm)	6" (15.2 cm)	10" (25.4 cm)
510212BLK	12" (30.5 cm)	6" (15.2 cm)	10" (25.4 cm)
5102-14	14" (35.6 cm)	6" (15.2 cm)	14" (35.6 cm)
5102-16	16" (40.6 cm)	6" (15.2 cm)	14" (35.6 cm)
5102-18	18" (45.7 cm)	6" (15.2 cm)	14" (35.6 cm)
5102-20	20" (50.8 cm)	6" (15.2 cm)	15" (38.1 cm)
5102-22	22" (55.9 cm)	6" (15.2 cm)	15" (38.1 cm)
5102-24	24" (61 cm)	6" (15.2 cm)	15" (38.1 cm)



510212BLK



## High-Bottom Canvas Tool Bags

- Heavy-duty No. 8 natural canvas
- Bottom and 8" (20.3 cm) of lower sides are covered with moisture-resistant vinyl
- Non-scratch studs on base protect against wear
- Steel-frame mouth with hinge for rugged use
- Harness-leather handles with two retaining straps and buckles
- Retro-fit bags with shoulder strap kit (Cat. No. 5102S). Kit includes leather strap with pad and snap hooks, rings and fasteners for attaching rings to bags
- Made in USA with global components



5105-20

Cat. No.	Overall Length	Overall Width	Overall Height
5105-20	20" (50.8 cm)	6" (15.2 cm)	15" (38.1 cm)
5105-24	24" (61 cm)	6" (15.2 cm)	15" (38.1 cm)

# CLAMP METERS



	CL900	CL800	CL700	CL600	CL440	CL390	CL320	CL220	CL120
	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>True root mean square (TRMS)</li> <li>2000A AC/DC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Low Impedance (LoZ) mode</li> <li>Inrush Current</li> <li>Non-Contact Voltage Testing</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>True root mean square (TRMS)</li> <li>600A AC/DC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Temperature</li> <li>Low Impedance (LoZ) mode</li> <li>Non-Contact Voltage Testing</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>True root mean square (TRMS)</li> <li>600A AC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Temperature</li> <li>Low Impedance (LoZ) mode</li> <li>Non-Contact Voltage Testing</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>True root mean square (TRMS)</li> <li>600A AC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Tests diodes</li> <li>Non-Contact Voltage Testing</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>True root mean square (TRMS)</li> <li>600A AC current</li> <li>AC/DC voltage</li> <li>DC Microamps</li> <li>DC Millivolts</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Inrush Current</li> <li>Low Pass Filter</li> <li>Non-Contact Voltage Testing</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>True root mean square (TRMS)</li> <li>400A AC/DC current</li> <li>AC/DC voltage</li> <li>AC/DC Millivolts</li> <li>DC Microamps</li> <li>Resistance</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Temperature</li> <li>Non-Contact Voltage Testing</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>True root mean square (TRMS)</li> <li>400A AC current</li> <li>AC/DC voltage</li> <li>DC Microamps</li> <li>Resistance</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Temperature</li> <li>Non-Contact Voltage Testing</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>400A AC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Non-Contact Voltage Testing</li> </ul>	
Included	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>(2) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>Thermocouple with adapter</li> <li>(2) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>Thermocouple with adapter</li> <li>(2) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>(2) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>(2) K-Type thermocouples</li> <li>(3) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>Thermocouple</li> <li>(3) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>Thermocouple</li> <li>(3) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>Thermocouple</li> <li>(3) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Carrying Case</li> <li>Instruction Manual</li> <li>Test Leads with CATIII/CAT IV safety caps</li> <li>(3) AAA Batteries</li> </ul>
Jaw Size	2.00" (5 cm)	1.38" (3.5 cm)	1.38" (3.5 cm)	1.38" (3.5 cm)	2.00" (5 cm)	1.6" (4.1 cm)	1.6" (4.1 cm)	1.6" (4.1 cm)	1.6" (4.1 cm)
Overall Length	10.39" (26.4 cm)	9.09" (23.1 cm)	9.09" (23.1 cm)	9.09" (23.1 cm)	10.04" (25.5 cm)	8.45" (21.5 cm)	8.45" (21.5 cm)	8.45" (21.5 cm)	8.45" (21.5 cm)
Overall Width	3.90" (9.9 cm)	3.81" (9.7 cm)	3.81" (9.7 cm)	3.81" (9.7 cm)	3.77" (9.6 cm)	3.5" (8.9 cm)	3.5" (8.9 cm)	3.5" (8.9 cm)	3.5" (8.9 cm)
Overall Height	1.70" (4.3 cm)	1.55" (3.9 cm)	1.55" (3.9 cm)	1.55" (3.9 cm)	1.57" (4.0 cm)	1.5" (3.8 cm)	1.5" (3.8 cm)	1.5" (3.8 cm)	1.5" (3.8 cm)
Weight	17.6 oz (499 g)	12.5 oz (354 g)	11.8 oz (335 g)	11.8 oz (335 g)	14.2 oz (40 g)	11 oz (314 g)	11 oz (314 g)	11 oz (314 g)	11 oz (314 g)



**ADDITIONAL CLAMP METER FEATURES LISTED ON NEXT PAGE** →



FEATURES	CL900	CL800	CL700	CL600	CL440	CL390	CL320	CL220	CL120
Drop Protection	6.6' (2 m)	6.6' (2 m)	6.6' (2 m)	6.6' (2 m)	6.6' (2 m)	6.6' (2 m)	6.6' (2 m)	6.6' (2 m)	6.6' (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)	1000V	1000V	1000V	1000V	1000V	600V	600V	600V	600V
AC + DC Voltage	-	-	-	-	●	-	-	-	-
AC Current (Amps)	2000A	600A	600A	600A	600A	400A	400A	400A	400A
DC Current (Amps)	2000A	600A	-	-	-	400A	-	-	-
Ohms (Resistance)	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	40MΩ	40MΩ	20MΩ	20MΩ
AC Millivolts	-	-	-	-	-	●	-	●	●
DC Millivolts	●	●	●	●	●	●	●	●	●
DC Microamps	-	-	-	-	●	●	●	-	-
True RMS	●	●	●	●	●	●	●	●	-
Audible Continuity	●	●	●	●	●	●	●	●	●
Backlight	●	●	●	●	●	Reverse Contrast Display	●	●	●
Temperature	-	-14° – 1000°F (-26° – 538°C)	-14° – 1000°F (-26° – 538°C)	-	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	-40° – 1832°F (-40° – 1000°C)	-
Low Impedance	●	●	●	-	●	-	-	-	-
Low-Pass Filter	-	-	-	-	●	-	-	-	-
Inrush Current	2000A	-	-	-	600A	-	-	-	-
Non-Contact Voltage Testing	●	●	●	●	●	●	●	●	●
Auto Ranging	●	●	●	●	●	●	●	●	●
Range Hold	●	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●	●
Diode Test	●	●	●	●	●	●	●	-	-
Capacitance Test	6000 μF	6000 μF	6000 μF	-	6000 μF	4000 μF	4000 μF	-	-
Frequency / Duty Cycle	1Hz – 500kHz	1Hz – 500kHz	1Hz – 500kHz	-	10Hz – 1MHz	10Hz – 60kHz	10Hz – 1MHz	-	-
Max / Min	●	●	●	●	●	●	●	MAX only	MAX only
Relative Mode	-	-	-	-	●	●	-	-	-
Magnetic Mount	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory	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



# MULTIMETERS



	MM700	MM600	MM400	MM300
	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>True root mean square (TRMS)</li> <li>10A AC/DC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Temperature</li> <li>Low Impedance (LoZ) mode</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>10A AC/DC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Temperature</li> </ul>	<ul style="list-style-type: none"> <li>Auto-ranging</li> <li>10A AC/DC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Frequency</li> <li>Duty cycle</li> <li>Capacitance</li> <li>Tests diodes</li> <li>Temperature</li> </ul>	<ul style="list-style-type: none"> <li>Manual-ranging</li> <li>10A AC current</li> <li>AC/DC voltage</li> <li>Resistance</li> <li>Continuity</li> <li>Tests diodes</li> </ul>
<b>Included</b>	<ul style="list-style-type: none"> <li>Instruction Manual</li> <li>Test Leads with CAT III/CAT IV safety caps</li> <li>Thermocouple with adapter</li> <li>Alligator Clips</li> <li>(2) AAA Batteries</li> <li>Carrying Case</li> </ul>	<ul style="list-style-type: none"> <li>Instruction Manual</li> <li>Test Leads with CAT III/CAT IV safety caps</li> <li>Thermocouple with adapter</li> <li>Alligator Clips</li> <li>(2) AAA Batteries</li> <li>Carrying Case</li> </ul>	<ul style="list-style-type: none"> <li>Instruction Manual</li> <li>Test Leads with CAT III/CAT IV safety caps</li> <li>Thermocouple with adapter</li> <li>(2) AAA Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Instruction Manual</li> <li>Test Leads with CAT III/CAT IV safety caps</li> <li>(2) AAA Batteries</li> </ul>
<b>Standard</b>	CAT IV 600V, CAT III 1000V	CAT IV 600V, CAT III 1000V	CAT III 600V	CAT III 600V
<b>Overall Length</b>	7.00" (17.8 cm)	7.00" (17.8 cm)	6.00" (15.2 cm)	6.00" (15.2 cm)
<b>Overall Width</b>	3.55" (9 cm)	3.55" (9 cm)	3.16" (8 cm)	3.16" (8 cm)
<b>Overall Height</b>	2.09" (5.3 cm)	2.09" (5.3 cm)	1.78" (4.5 cm)	1.78" (4.5 cm)
<b>Weight</b>	14.4 oz (408 g)	14.4 oz (408 g)	8.2 oz (231 g)	8.2 oz (231 g)

FEATURES	MM700	MM600	MM400	MM300
Drop Protection	6.6' (2 m)	6.6' (2 m)	3.3' (1 m)	3.3' (1 m)
Ingress Protection	IP42	IP42	—	—
Safety	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 600V	CAT III 600V
AC Voltage (Volts)	1000V	1000V	600V	600V
DC Voltage (Volts)	1000V	1000V	600V	600V
AC Current (Amps)	10A	10A	10A	10A
DC Current (Amps)	10A	10A	10A	—
Ohms (Resistance)	40MΩ	40MΩ	40MΩ	20MΩ
DC Millivolts	●	●	●	●
AC Milliamps	●	●	●	—
DC Milliamps	●	●	●	●
AC Microamps	●	●	●	—
DC Microamps	●	●	●	●
True RMS	●	—	—	—
Audible Continuity	●	●	●	●
Backlight	●	●	●	—
Temperature	0° – 1500°F (-18° – 816°C)	0° – 1000°F (-18° – 538°C)	0° – 1000°F (-18° – 538°C)	—
Low Impedance	●	—	—	—
Auto Ranging	●	●	●	—
Range Hold	●	●	●	—
Data Hold	●	●	●	●
Diode Test	●	●	●	●
Capacitance Test	4000 µF	1000 µF	200 µF	—
Frequency / Duty Cycle	1Hz – 500 KHz	1Hz – 500 KHz	1Hz – 50 KHz	—
Max / Min	●	●	●	—
Lead Warning	●	●	—	—
Bar Graph	●	—	—	—
Magnetic Mount	Available As Accessory	Available As Accessory	Available As Accessory	Available As Accessory
Auto-Power Off	●	●	●	—
Battery Test	—	—	—	●
LCD Display Count	4000	4000	4000	2000



Intertek



# ELECTRICAL TESTERS

# BORESCOPIES

## Dual IR/Probe Thermometer

- Measure temperature from -40 to 572°F (-40 to 300°C)
- Accurately measure surface temperature with Infrared Thermometer (DS ratio 8:1)
- Temperature probe also can measure liquid temperatures



IR07



Cat. No.	Distance to Spot	Range	Batteries	Includes
IR07	8:1	-40° to 572°F (-40° to 300°C)	(2) 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



IR10



Cat. No.	Distance to Spot	Range	Batteries	Includes
IR10	20:1	-40° to 1200°F (-40° to 650°C)	(1) 9V	Thermometer, battery, 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



RT310



Cat. No.	Special 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) 1.5V AAA alkaline	Tester, batteries

## Rechargeable Thermal Imager

- Thermal Imager has 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° Fahrenheit (-20 to 400° Celsius)



TI250



Cat. No.	Display	Display Resolution	Temperature Range	Batteries
TI250	2.4" (6.1 cm) TFT LCD	10,800 Pixels	-4° to 752°F (-20° to 400°C)	Lithium-Ion

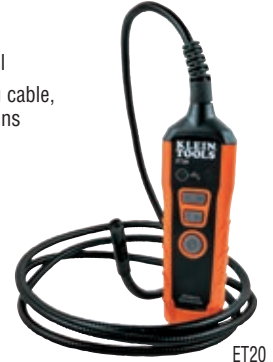
\*micro-USB® is a registered trademark of SD-3C, LLC.

## WiFi Borescope

- WiFi Borescope transmits and displays video and images directly to your smartphone up to 30' (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' (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
- Includes convenient pocket clip, USB charging cable, hook attachment, carrying case, and instructions
- The Klein Borescope App is available free at the App Store® for iPhone® users and Google Play® for Android® users



Turn your smartphone into a smart tool



ET20



Cat. No.	Battery Life	Ingress Protection	Drop Rating
ET20	5.5 Hours	Camera/cable: IP67; Body: IP42	9.8' (3 m)

Overall Width	Overall Height	Overall Length
1.5" (3.8 cm)	2.3" (5.8 cm)	7.3' (18.5 cm)

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## Borescope for Android® Devices

- Borescope connects to Android® on-the-go (OTG) version 4.0 or higher devices; NOT for iPhones® or iPads®
- Waterproof IP67 9 mm camera surrounded by 6 LEDs 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 Google Play®
- Armored 10' (3 m) gooseneck cable for extended reach
- Direct USB Type-C connection with adapter for micro-USB



Turn your smartphone into a smart tool



ET16



Cat. No.	Screen Resolution	Included
ET16	640 x 480 max pixels	Borescope with 10' Gooseneck, USB Adapters, Carrying Case, and Instruction Manual

Overall Height	Overall Width	Overall Length
0.95" (2.4 cm)	1.3" (3.3 cm)	3.7" (9.4 cm)

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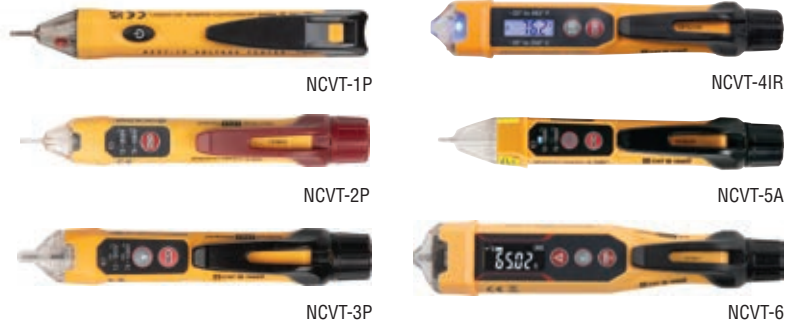


See [www.kleintools.com](http://www.kleintools.com) for important safety information regarding the test and measurement line.

# TEST AND MEASUREMENT

## Non-Contact Voltage Testers

- CAT IV safety rating
- Auto power-off
- Convenient pocket clip
- Does not detect DC voltage



Features	NCVT-1P	NCVT-2P	NCVT-3P	NCVT-4IR	NCVT-5A	NCVT-6
Drop Protection	6.6' (2 m)	6.6' (2 m)	6.6' (2 m)	6.6' (2 m)	9.8' (3 m)	6.6' (2 m)
Ingress Protection	IP40	IP54	IP67	IP54	—	IP40
Safety and Standards	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V	CAT IV 1000V
Voltage	50-1000V AC	Range 1: 12-1000V AC Range 2: 70-1000V AC	Range 1: 12-1000V AC Range 2: 70-1000V AC	12-1000V AC	Range 1: 12-1000V AC Range 2: 70-1000V AC	12-1000V AC
Frequency Range	50-500Hz	50-500Hz	50-500Hz	50-500Hz	50-500Hz	50-500Hz
Audible and Visual Alarms	•	•	•	•	•	•
Auto-Power Off	•	•	•	•	•	•
Temperature	—	—	—	-22° – 482°F (-30° – 250°C)	—	—
Laser	—	—	—	Class 2	Class 3a	Class 2
Flashlight	—	—	•	—	—	—
Distance Measuring	—	—	—	—	—	•
Backlight	—	—	—	•	—	—
LCD Display	—	—	—	Backlight	—	Reverse Contrast
Batteries	(2) AAA	(2) AAA	(2) AAA	(2) AAA	(2) AAA	(2) AAA
Overall Length	5.5" (14 cm)	5.82" (14.8 cm)	5.70" (14.5 cm)	6.25" (15.9 cm)	6" (15.2 cm)	6.45" (16.4 cm)
Overall Height	0.72" (1.8 cm)	0.86" (2.2 cm)	0.93" (2.4 cm)	1.19" (3 cm)	1.16" (2.9 cm)	1.32" (3.4 cm)
Overall Width	1" (2.5 cm)	1.09" (2.8 cm)	1.09" (2.8 cm)	1.25" (3.2 cm)	0.96" (2.4 cm)	1.21" (3.1 cm)

## GFCI Receptacle Tester with LCD

- GFCI Receptacle Tester features a large backlit LCD readout of voltage and clear indication of wiring faults
- LCD readout shows the time required to trip a GFCI device
- Detect and identify common wiring faults
- Wiring conditions: Wired Correctly, Open Ground, Open Neutral, Open Hot, Dual Open (Neutral & Ground) Patent Pending, Reversed Hot/Ground, Reversed Hot/Neutral
- Auto-Hold is convenient for hard-to-reach outlets



Cat. No.	Description	GFCI	Overall Height	Overall Width	Overall Length
RT250	GFCI Receptacle Tester with LCD	Yes, Including Time to Trip Device	1.1" (2.79 cm)	2.0" (5.1 cm)	4.5" (11.4 cm)

## Receptacle Testers

- Light sequence indicates correct/incorrect wiring
- Conforms to UL Std 1436, Certified to CSA Std C22.2 #160
- Operating temp: 32° to 140°F (0° to 40°C)
- Nominal Voltage: 110/125V AC at 50/60Hz in 3-wire outlet
- Designed to detect the most common wiring problems in standard receptacles



Cat. No.	GFCI	Overall Height	Overall Width	Overall Length
RT110	No	2.88" (7.3 cm)	1.88" (4.8 cm)	1.62" (4.1 cm)
RT210	Yes	2.88" (7.3 cm)	1.88" (4.8 cm)	1.62" (4.1 cm)





## 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.	Special Features	Standard	Length	Batteries
ET310	Transmitter docks in Receiver Transmitter integrated GFCI outlet tester in receiver	CAT II 120V	10.96" (27.8 cm) (Transmitter Docked)	(1) 9V

## Advanced Circuit Tracer Kit

- Trace energized and non-energized breakers and fuses
- Trace energized and non-energized wires
  - Behind the wall, in the ceiling, or under the floor
  - In concrete
  - Underground
  - In PVC pipes
- Trace conduit
- Identify a single wire in a bundle
- Map a circuit



ET450

Cat. No.	Kit Contains
ET450	(1) Transmitter (1) 20' (6 m) Lead Adapters* (1) 3' (0.9 m) Lead Adapters* (1) ET450R Receiver (1) AC Plug to Banana Jacks (1) Ground Prong (1) Outlet Tabs (1) Alligator Clips (10) AA Alkaline Batteries (1) Hard Carrying Case with Handle

Replacement Parts	
69357	AC Plug to Banana Jacks
69358	20' Lead Adapters
69359	3' Lead Adapters
69360	Alligator Clips and Outlet Tabs



## Scout™ Pro 3 Tester Kits

- Test voice (RJ11/12), data (RJ45) and video (coax F-connector) cables
- Measure cable length (up to 2,000')
- 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



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

## Test + Map™ Remotes

- Replacement remotes to identify, test and map a location in one step
- Test voice (RJ11/12), data (RJ45) and video (coax F-connector) terminated cables
- Features an RJ45 jack to test data cables and a male F connector to test coaxial cables
- For use with Klein's Scout™ Pro 2, 3 and Commander™ series of testers (sold separately)
- Remote is numbered for easy identification
- Soft, slip-resistant overmold for easy gripping
- Heavy-duty recessed-jack design for durability



Cat. No.	Description	For Use With
VDV501-211	Test + Map™ ID Remote #1	Scout™ Pro Series (VDV501-851; -852; -853; -823; -824; -825; -826; -827) Commander™ Series (VDV501-828; -829)
VDV501-212	Test + Map™ ID Remote #2	
VDV501-213	Test + Map™ ID Remote #3	
VDV501-214	Test + Map™ ID Remote #4	
VDV501-215	Test + Map™ ID Remote #5	
VDV501-216	Test + Map™ ID Remote #6	

Cat. No.	Description	For Use With
VDV501-217	Test + Map™ ID Remote #7	Scout™ Pro Series (VDV501-851; -852; -853; -823; -824; -825; -826; -827) Commander™ Series (VDV501-828; -829)
VDV501-218	Test + Map™ ID Remote #8	
VDV501-219	Test + Map™ ID Remote #9	
VDV501-220	Test + Map™ ID Remote #10	Scout™ Pro Series (VDV501-851; -852; -853; -823; -824; -825; -826; -827)
VDV501-221	Test + Map™ ID Remote #11	
VDV501-222	Test + Map™ ID Remote #12	

### Scout™ Pro 3 Tester Kits Test, Locate, and/or Map



#### Replacement parts



VDV512-056



VDV526-055



VDV726-125



VDV770-127



VDV770-125



VDV770-126

Cat. No.	Description
VDV770-125	Replacement Case for Scout™ Pro 3 Test + Map™ Remote Kit (VDV501-853), Upgrade Kit (VDV770-850)
VDV770-126	Replacement Case for Scout™ Pro 3 Tester Locator Remote Kit (VDV501-852)
VDV770-127	Replacement Zipper Bag for Test + Map™ Remote Expansion Kit (VDV770-851)
VDV512-056	CoaxMap™ Kit (include 19 coax locator remotes)
VDV526-055	LANMap™ Kit (include 19 RJ45 locator remotes)
VDV726-125	Universal RJ11/RJ12 Jumper Cable

FEATURES		VDV501-851 Starter Kit	VDV501-852 Locator Remote Kit	VDV501-853 Test + Map™ Remote Kit
Backlit LCD		•	•	•
Measures Cable Length	 2000' (610 m)	•	•	•
Tests RJ45 8-wire cables		•	•	•
Tests RJ11 4-wire Cables / RJ12 6-wire cables		•	•	•
Tests F-connector terminated coaxial cables		•	•	•
Tests TIA-568A/B & Crossover	Pass	•	•	•
Wiremap Display on LCD		•	•	•
Power over Ethernet (PoE) Testing - displays voltage and wiring (A/B)	PoE	—	•	•
Detects Open Fault		•	•	•
Detects Short Fault		•	•	•
Detects Miswires		•	•	•
Detects Split-Pairs		•	•	•
Cable Identification Remotes Supports up to 19 (sold separately)	ID	5 included	18 included	sold separately
Self-Storing Test + Map™ Remote (#1)		•	•	•
Test + Map™ Remotes Supports up to 12 (sold separately)		sold separately	sold separately	5 (#2 - #6) included
Multiple Style Tone Generator†		•	•	•
Hub Blink		•	•	•
Auto Power Off	APO	•	•	•
Low Battery Indicator		•	•	•
Voltage Warning		•	•	•
Shield Detection		•	•	•
Battery Type (included)	9V alkaline	•	•	•

\*Requires an analog tone tracing probe (sold separately).

### LanMap™ Kit and CoaxMap™ Kit

- Identify and map twisted-pair (RJ45) infrastructure (Cat. No. VDV526-055) or coaxial (F-Connector) cable infrastructure (Cat. No. VDV512-056), up to 19 locations
- For use with Scout™ Pro Series and Commander™ testers
- Heavy-duty design for long life and repeated connections
- Remotes numbered and identifiable by tester 1 through 19 for fast and accurate identification

Cat. No.	Description	For Use With
VDV526-055	LanMap™ Kit	Scout™ Pro Series (VDV501-851, -852, -853, -823, -824, -825, -826, -827)
VDV512-056	CoaxMap™ Kit	Commander Series (VDV501-828, -829)



VDV512-056



























VDV526-055



## Commander™

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



Features		
	RJ-45 8-Wire Cables	•
	F-connector Coaxial Cables	•
	Telephone Cables	with adapter
	Wiremap	•
	Open Fault	•
	Short Fault	•
	Miswire Fault	•
	Split-Pair Fault	•
<b>Pass</b>	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
<b>PoE</b>	Power-Over-Ethernet Testing	•
<b>TDR</b>	Time Domain Reflectometry - Length Measurement Method	•
	Measures Cable Length	1500' / 457 m
$\pm(5\% + 1 \text{ Ft.})$ $\pm(5\% + 0.3 \text{ m})$	Accuracy/ Measurement Resolution	•
	Link Light	•
<b>ID</b>	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" (6.86 cm)
	Multiple Languages	ENG · ESP · FRA
<b>Ft./m</b>	Imperial or Metric Results	•
<b>Apo</b>	Auto Power Off	•
	Customizable Setup	•
	USB interface (for PC connection)	MICRO
	Upgradeable Firmware (via internet download and pc connection)	•

## Commander™ Kits



VDV501-828



VDV501-829

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) AA	LCD	(1) Tester, (1) Test-n-Map Remote #1, (5) LanMap ID Remotes, (5) CoaxMap ID remotes, (1) USB/RJ12/RJ45 Test Cables, (1) Coax Adapter, (6) AA Batteries, (1) Carrying Case
VDV501-829	RG59, RG6/6Q, RG7/11, CAT3, CAT5, CAT6/6A	1	20	Commander: (6) AA Alkaline Probe: (1) 9V Alkaline	LCD	(1) Tester, Probe, (1) Test-n-Map Remote #1, (20) LanMap ID Remotes, (20) CoaxMap ID remotes, (1) USB/RJ12/RJ45 Test Cables, (1) Coax Adapter, (6) AA Batteries, 9V Battery, (1) Carrying Case

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

## Test-n-Map™ Remote Kit for Commander™ Series

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



VDV770-834

Cat. No.	Included
VDV770-834	(7) Test-n-Map™ Remotes, (8) Coax Push-on F Adapters, (8) RJ45 Jumper Test Cables, (2) RJ11/RJ12 Jumper Cables, (1) Verification Cable, (1) Zipper Pouch

Tester sold separately.

# CABLE CONNECTORS, MANAGEMENT

## Twisted Pair Connectors

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



VDV826-600



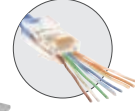
VDV826-601



VDV826-603

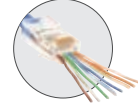


VDV826-628



VDV826-702  
VDV826-728  
VDV826-762

VDV826-703  
VDV826-729  
VDV826-763



VDV826-704  
VDV826-764

VDV826-705  
VDV826-754

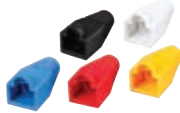
Connector Type	PHONE		STANDARD		PASS-THRU™		PASS-THRU™	
	RJ11	RJ12	RJ45 CAT5e	RJ45 CAT6	RJ45 CAT5e	RJ45 CAT6	RJ45 CAT6A UTP*	RJ 45 CAT6A STP**
Position & Contacts	6P4C	6P6C	8P8C		8P8C		8P8C	
Connector Design	1-Piece		1-Piece	3-Piece	1-Piece		1-Piece	
Gold Plating Thickness (micro-inch)	> 50µ"		> 50µ"		> 50µ"		> 50µ"	
<b>Cat. No.</b>								
Pack Size: 10	—	—	VDV826-628	—	VDV826-728	VDV826-729	—	—
Pack Size: 25	VDV826-601	VDV826-600	—	VDV826-603	—	—	—	—
Pack Size: 50	—	—	VDV826-602	—	VDV826-702	VDV826-703	VDV826-704	VDV826-705
Pack Size: 100	—	—	VDV826-611	—	—	—	—	—
Pack Size: 200	—	—	—	—	VDV826-762	VDV826-763	VDV826-764	VDV826-754
Crimping Type	Modular Plug Connector							
Klein Crimping Tools	VDV226-011-SEN, VDV226-107				VDV226-110, VDV226-005			

\* Unshielded Twisted Pair    \*\*Shielded Twisted Pair

## Strain Relief Cable Boots

- Keep connectors on CAT5e and CAT6 cable and protect against broken tabs that can cause connector failure

VDV824-650



## Standard Compression Connectors

- Full ferrule design, best choice for outdoors and satellite dishes

VDV812-623



## Push-On Connectors

- Patented, tool-less, easy grip design, fits most major brands, for indoor use only

VDV812-627



## F-Splice Adapter 3 GHz

- Patented gripping mechanism for optimal signal strength

VDV814-609



Cat. No.	Connector Type	Cable Type	Package Quantity
VDV824-650	RJ45	CAT5e, CAT6	100
VDV812-623	F-Connector	RG6	10
VDV812-624	F-Connector	RG6	50
VDV812-627	F-Connector	RG6/6Q	10
VDV814-609	F-Connector	3 GHz	10

## Cable Management Solutions

- A variety of cable organizers for the home, car, office or job site



Cat. No.	Description	Quantity
450-320	Cable Sleeves, 1.25" (3.2 cm) Wide, 3' (91 cm) Long	2
450-330	Cable Sleeves, 1.75" (4.4 cm) Wide, 3' (91 cm) Long	2
450-600	Cinch Straps, 6", 8", 14" (15.2 cm, 20.3 cm, 35.6 cm) 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" (20 cm) Length (Black)	100
450-210	Cable Ties, 11.5" (29 cm) Length (Black)	100
450-900	Hook & Loop Dispenser, Belt & Magnet	1
450-950	Hook & Loop Roll, 3/4" (1.9 cm) Width, 25' (7.62 m) Length, (Black)	1
450-960	Hook & Loop Roll, 3/4" (1.9 cm) Width, 25' (7.62 m) Length, (White)	1



## Impact Tools

Cat. No.	Description	Drive Size	Rating	Maximum Speed	Voltage	Included
<b>Compact Wrench and Drills</b>						
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	—	1900 RPM	20V Lithium Ion	(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	20V Lithium Ion	(2) 4 Ah Batteries, Charger and Bag
BAT20-716	Impact Wrench, 7/16"	—	—			Tool Only
<b>90° Impact Wrench</b>						
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



BAT20CD



BAT20LW1



BAT20CW1



BAT20LWA



BAT20CLIP

<b>Accessories</b>					
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	—	—	—	

DEWALT is a registered trademark of the Black and Decker Corporation.

## 12-Ton Crimper

- Compatible 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

DEWALT is a registered trademark of the Black and Decker Corporation.

## 2-in-1 Impact Socket Sets

- Each socket feature two sizes in one tool
- Deep sockets with 1/2" drive work well in utility, electrical and construction work
- Replacement sockets sold separately

Cat. No.	Kit Contains Socket Sizes			
<b>6-Piece 12-Point 2-in-1 Impact Socket Set</b>				
66010	3/4" x 9/16", 5/8" x 7/16"	7/8" x 11/16", 1/2" x 3/8"	1" x 13/16", 1-1/8" x 15/16"	
<b>5-Piece 12-Point 2-in-1 Impact Socket Set (Imperial)</b>				
66040	3/4" x 9/16", 5/8" x 7/16"	7/8" x 11/16", 1/2" x 3/8"	1/4" Hex x 1/2", Square Adapter	
<b>5-Piece 12-Point 2-in-1 Impact Socket Set (Metric)</b>				
66050E	17 mm x 13 mm, 24 mm x 19 mm	30 mm x 22 mm, 32 mm x 27 mm	1/4" Hex x 1/2", Square Adapter	
<b>6-Piece 6-Point 2-in-1 Impact Socket Set</b>				
66060	3/4" x 9/16", 5/8" x 7/16"	7/8" x 11/16", 1/2" x 3/8"	1" x 13/16", 1-1/8" x 15/16"	

\*See website for specific SKUs  
NOTE: Read and follow safety instructions in power tool owner's manual.



66090

# CABLE CUTTERS AND CRIMPERS

POWERED BY  
**DEWALT**



## 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



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
<b>Replacement Jaws</b>							
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	—
<b>Replacement Blades</b>							
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	—

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



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

www.kleintools.com 800-553-4676

**Gear-Driven Cable Cutters**

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



BAT20-GD1



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 and Decker Corporation.

**Utility LED Light**

- For optimal lighting on the worksite
- Clamps to the corner and straight walls of utility buckets
- Flood, Spot, Flood-Spot settings up to 2500 Lumens
- IP56 rating on battery compartment



BAT20UBL1

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



Cat. No.	Description	Lumens	Included
BAT20UBL	Utility LED Light	<ul style="list-style-type: none"> <li>• Spot: 900 Lumens - 8.5 hr (using 20V 4Ah battery)</li> <li>• Flood: 1600 Lumens - 5 hr (using 20V 4Ah battery)</li> <li>• Spot + Flood: 2500 Lumens - 3.5 hr</li> </ul>	Light
BAT20UBL1	Utility LED Light Kit		Light, (2) 4 AH batteries and charger

DeWALT is a registered trademark of the Black and Decker Corporation.

**Lineman's Ratcheting Wrenches**

- Bolt-through design allows bolts to pass through the socket
- 3/4" x 13/16", 1" x 1-1/8" combination square socket sizes for most common utility hardware



Cat. No.	Description	Sizes		
		Square Bits	Hex Bits	Overall Length
KT151T	4-in-1 Lineman's Ratcheting Wrench	3/4", 13/16", 1", 1-1/8"	—	13" (33 cm)
KT152T	4-in-1 Lineman's Slim Ratcheting Wrench	3/4", 13/16", 1", 1-1/8"	—	13.25" (33.7 cm)
KT155HD	6-in-1 Lineman's Ratcheting Wrench, Heavy-Duty	3/4", 13/16", 1", 1-1/8"	9/16", 3/4"	12" (30.5 cm)
KT155T	6-in-1 Lineman's Ratcheting Wrench	3/4", 13/16", 1", 1-1/8"	9/16", 3/4"	9.375" (23.8 cm)

**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" (35.6 cm)	5/16" (0.8 mm)	3/16" (5 mm)
63318	18" (45.7 cm)	3/8" (10 mm)	1/4" (6 mm)
63324	24" (61 cm)	7/16" (11 mm)	5/16" (8 mm)
63330	30" (76.2 cm)	1/2" (13 mm)	3/8" (10 mm)
63336	36" (91.4 cm)	9/16" (14 mm)	7/16" (11 mm)
63342	42" (106.7 cm)	11/16" (18 mm)	1/2" (13 mm)

Cat. No.	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**
Fiberglass Handle Bolt Cutters***			
63118	18-1/4" (46.4 cm)	3/8" (10 mm)	1/4" (6 mm)
63124	24-1/2" (62.2 cm)	7/16" (11 mm)	5/16" (8 mm)
63130	30-1/2" (77.5 cm)	1/2" (13 mm)	3/8" (10 mm)
63136	36-1/2" (92.7 cm)	1/2" (13 mm)	3/8" (9.5 mm)



GRADE 8 BOLTS

63324

63118

**⚠ WARNING: NOT for cutting cable.**

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

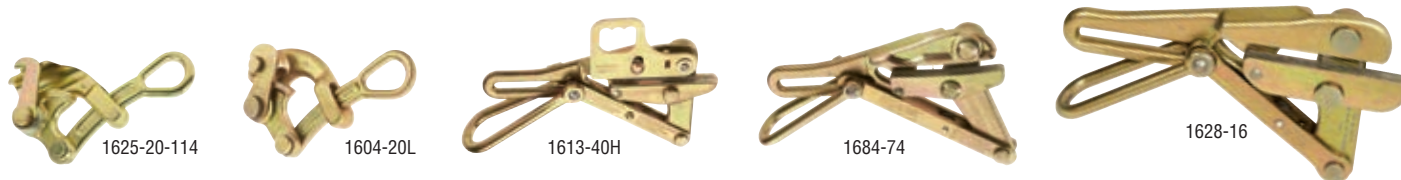




# GRIPS, HOISTS AND BUCKETS

## 1613, 1628, 1684, 1686, 1671, 1672 and 1692 Series

- Designed for cable sizes from 0.12" to 1" (3.05 mm to 25.4 mm)
- Double "V" grooves give four-point contact, reducing chance of slipping and providing proper alignment of wire and cable. Cat. No. 1684-5F is a Single V with file insert.
- Features an aggressive jaw profile for extra gripping power (Cat. No. 16845C)
- 1671-10 & 1672-10 have a swing latch



Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
<b>2,000 lb (907 kg) Maximum Safe Load</b>								
162520-114	Wire Rope	0.75" to 1.25" (19.05 to 31.75 mm)	—	—	—	Aggressive	—	3.7 lb (1.7 kg)
<b>2,500 lb (1,134 kg) Maximum Safe Load</b>								
1604-10	Messenger and Guy Strand	0.06" to 0.25" (1.52 to 6.35 mm)	—	—	—	Aggressive	—	15.2 oz (431 g)
<b>5,000 lb (2,268 kg) Maximum Safe Load</b>								
1604-20	Messenger and Guy Strand	0.125" to 0.5" (3.18 to 12.70 mm)	—	—	—	Aggressive	—	2.2 lb (1.0 kg)
1604-20L	Messenger and Guy Strand	0.125" to 0.5" (3.18 to 12.70 mm)	—	—	—	Aggressive	—	2.60 lb (1.18 kg)
<b>4,500 lb (2,041 kg) Maximum Safe Load</b>								
1656-30	Copper, ACSR, AAC	0.31" to 0.53" (7.87 to 13.46 mm)	—	—	●	Round	4.75" (12.1 cm)	3.4 lb (1.5 kg)
1613-35	Copper, ACSR	0.1285" to 0.162" (3.3 to 4.06 mm)	—	●	●	Single V	4.188" (10.6 cm)	2.9 lb (1.3 kg)
1659-20	PVC-Covered Cable	0.20" to 0.42" (5.08 to 10.67 mm)	—	●	●	Round - Serpentine	4.188" (10.6 cm)	2.6 lb (1.2 kg)
1613-40	Aircraft, EHS, Messenger, Guy Strand	0.12" to 0.37" (3.05 to 9.40 mm)	—	—	●	Double V	4.188" (10.6 cm)	2.7 lb (1.2 kg)
1613-40H	Aircraft, EHS, Messenger, Guy Strand	0.12" to 0.37" (3.05 to 9.40 mm)	●	—	●	Double V	4.188" (10.6 cm)	3.15 lb (1.43 kg)
S1613-40H	Aircraft, EHS, Messenger, Guy Strand	0.12" to 0.37" (3.05 to 9.40 mm)	●	●	●	Double V	4.188" (10.6 cm)	3.2 lb (1.4 kg)
<b>8,000 lb (3,629 kg) Maximum Safe Load</b>								
1625-20	Wire Rope	0.28" to 0.75" (7.11 to 19.05 mm)	—	—	—	Aggressive	—	3.5 lb (1.6 kg)
162520-7/8	Wire Rope	0.38" to 0.88" (9.65 to 22.35 mm)	—	—	—	Aggressive	—	3.4 lb (1.5 kg)
162520-1	Wire Rope	0.50" to 1.00" (12.70 to 25.40 mm)	—	—	—	Aggressive	—	3.4 lb (1.5 kg)
1684-5F	Aircraft, EHS, Messenger, Guy Strand	0.16" to 0.55" (4.06 to 13.97 mm)	—	●	●	Single V with File Insert	5" (12.7 cm)	6.4 lb (2.9 kg)
1684-5	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Double V	5" (12.7 cm)	5.8 lb (2.6 kg)
1684-5H	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	●	—	●	Double V	5" (12.7 cm)	6.5 lb (2.9 kg)
S1684-5H	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	●	—	●	Double V	5" (12.7 cm)	6.7 lb (3.0 kg)
1692-5	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Double V	5" (12.7 cm)	5.4 lb (2.5 kg)
<b>8,000 lb (3,629 kg) Maximum Safe Load – EHS Specific</b>								
16845C	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Aggressive	5" (12.7 cm)	6.0 lb (2.7 kg)
1684-74	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	—	●	●	Double V, Milled Curved	5" (12.7 cm)	5.6 lb (2.6 kg)
1684-74H	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	●	—	●	Double V, Milled Curved	5" (12.7 cm)	6.3 lb (2.9 kg)
S1684-74H	Aircraft, EHS, Messenger, Guy Strand	0.218" to 0.55" (5.54 to 13.97 mm)	●	●	●	Double V, Milled Curved	5" (12.7 cm)	6.45 lb (2.93 kg)
<b>10,000 lb (4,536 kg) Maximum Safe Load</b>								
1686-10	Aircraft, Messenger, Guy Strand	0.20" to 0.40" (5.08 to 10.16 mm)	—	—	—	Double V	4.375" (11.1 cm)	4.6 lb (2.1 kg)
1686-20	Aircraft, Messenger, Guy Strand	0.20" to 0.40" (5.08 to 10.16 mm)	—	—	—	Double V - Serrated	4.375" (11.1 cm)	4.6 lb (2.1 kg)
1671-10	Aircraft, Messenger, Guy Strand	0.37" to 0.75" (9.40 to 19.05 mm)	—	—	—	Double V	4.375" (11.1 cm)	4.3 lb (2.0 kg)
1672-10	Aircraft, Messenger, Guy Strand	0.37" to 0.75" (9.40 to 19.05 mm)	—	—	—	Double V - Serrated	4.375" (11.1 cm)	4.4 lb (2.0 kg)
<b>15,000 lb (6,803 kg) Maximum Safe Load</b>								
1628-16	Aircraft, EHS, Messenger, Guy Strand	0.31" to 0.62" (7.87 to 15.75 mm)	—	—	●	Double V	7.25" (18.4 cm)	13.7 lb (6.2 kg)
1628-17	Aircraft, EHS, Messenger, Guy Strand	0.50" to 0.75" (12.70 to 19.05 mm)	—	—	●	Double V	7.25" (18.4 cm)	14.6 lb (6.6 kg)
1628-18	Aircraft, EHS, Messenger, Guy Strand	0.75" to 1.0" (19.05 to 25.40 mm)	—	—	●	Double V	7.25" (18.4 cm)	14.1 lb (6.4 kg)

See [www.kleintools.com](http://www.kleintools.com) for all instructions, maintenance, and warnings

### Wire Pulling Grips Warnings

**⚠ WARNING:** Grips are to be used for temporary installation, not for permanent anchorage.

**⚠ WARNING:** When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

**⚠ WARNING:** Do not exceed rated capacity.

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

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



### Wide Range Distribution Grips

- 20% lighter with one handed grip action
- Holds a wide range of Bare Copper, Aluminum and ACSR cable
- Large opening in the handle accommodates a wide variety of hooks on hoists, winches and tackle blocks
- Patent pending design



Cat. No.	Cable Type	Cable Diameter	Hot Latch	Spring	Locking Handle	Jaw Type	Jaw Length	Weight
16477	Bare Copper, Aluminum, & ACSR	0.162 to 0.883" (4.11 to 22.42 mm)	—	●	—	Round	3.31" (8.4 cm)	2.9 lb (1.3 kg)
16477-20			●	●	●	Round	3.31" (8.4 cm)	3.2 lb (1.5 kg)

### Web Strap Ratchet Hoists

- Large, non-conductive drum knob allows web slack to be adjusted with ease
- 360° handle rotation
- 3/4 ton single line and 1-1/2 ton double line load rating
- Tight ratcheting mechanism allows precise tensioning
- Meets ANSI/ASME B30.21-2005 & B30.10-2009 standards



**Single Line Load Rating:** 1500 lb (675 kg)  
Min. to Max. Pulling Distance 20" to 138" (500 to 3500 mm)

**Double Line Load Rating:** 3000 lb (1350 kg)  
Min. to Max. Pulling Distance 26" to 79" (700 to 2000 mm)

Cat. No.	Included
KN1500PEX	—
KN1500PEXH	Hot Rings
KN1600PEX	Removable Hnadle

### Load Rated Buckets

- Durable straight wall buckets made of heavy-duty materials
- Reinforced bottoms extend up the sides for added durability
- Web straps extend down the sides for additional strength  
Interior D-Ring for tether connection (Cat. No. 5104OCTO)
- Bright orange water-resistant vinyl versions for easy visibility and keeps tools dry (Cat. Nos. 5109CSV and 5109SV)



Vinyl Bucket top attaches with Velcro®



Hold a 5 gallon bucket (not included) (Cat. Nos. 5104CLR17 and 5104CLR22)



Cat. No.	Load Rating	Diameter	Material	Special Features	Overall Height
<b>Leather Reinforced Bottom</b>					
51TOP	N/A	12.5" (318. cm)	N/A	Attaches with Velcro®	3.5" (8.9 cm)
5109	75 lb (34 kg)	12" (30.5 cm)	No. 6	Black Molded Polypropylene Bottom	15" (38.1 cm)
5109SV	100 lb (45 kg)	12" (30.5 cm)	Polyester Web	Swivel Snap (Cat. No. 2012)	15" (38.1 cm)
5109CSV	100 lb (45 kg)	12" (30.5 cm)	Polyester Web	Zipper Closed Top	17" (43.2 cm)
5104	100 lb (45 kg)	12" (30.5 cm)	No. 4	Inside Pocket	17" (43.2 cm)
5104OCTO	100 lb (45 kg)	12" (30.5 cm)	No. 1	D-Rings for Tethering Tools	17" (43.2 cm)
5104FR	100 lb (45 kg)	12" (30.5 cm)	No. 4	Flame-Resistant	17" (43.2 cm)
5104CLRFR	100 lb (45 kg)	12" (30.5 cm)	No. 4	Zipper, Flame-Resistant	17" (43.2 cm)
5104CLR17	150 lb (68 kg)	14" (35.6 cm)	No. 1	Zipper	17" (43.2 cm)
5104CLR22	150 lb (68 kg)	14" (35.6 cm)	No. 1	Zipper	22" (55.9 cm)

Hooks	Throat Opening	Overall Length
470	5/8" (16 mm)	5" (12.7 cm)
2012	2 1/32" (17 mm)	4.375" (11.1 cm)

**⚠ WARNING:**

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

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

# HARD HATS



## 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



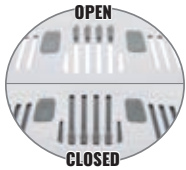
### Pivot Adjustment

Allows user to position the ratchet mechanism to clear bandanna knots and pony-tails.



### Ratchet Adjustment

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



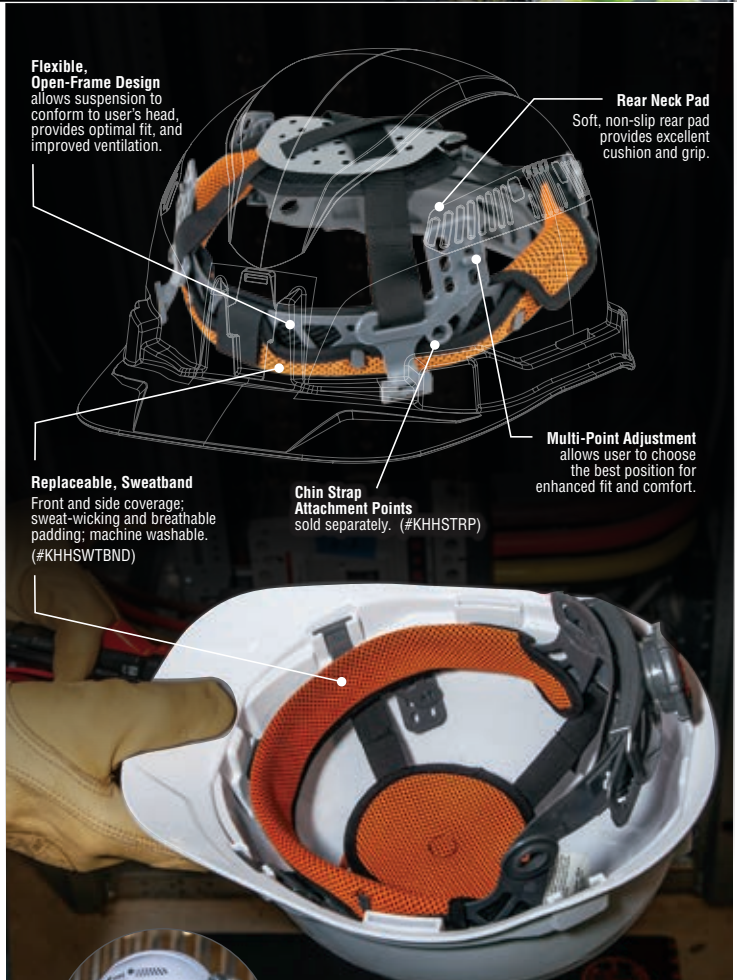
### Larger Vents = Better Ventilation

The adjustable vents can be opened or closed for maximum air circulation.



### Accessory Mounts

Patent-pending accessory mounts ensure the Klein headlamp is always properly positioned, on front or back - with NO STRAP needed!



**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.

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

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

**Chin Strap Attachment Points** sold separately. (#KHHSTRP)



## 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



**Hard Hats**

Cat. No.	Hat Style	Class	Venting	Shell Color
60535	Cap	E	Non-Vented	Yellow
60100		E	Non-Vented	White
60105		C	Vented	
60248		E	Non-Vented	
60249	Full Brim	E	Non-Vented	Blue
60262		C	Vented	Yellow
60400		E	Non-Vented	White
60401		C	Vented	
60489		E	Non-Vented	Yellow



60107RL

**PROTECTION FROM IMPACT, PENETRATION, AND LATERAL DEFORMATION**



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

**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		E	Non-Vented		Rechargeable	Boost: 300 High: 215 Low: 100	Lithium-Ion	
60113RL		C	Vented					
60406RL	Full Brim	E	Non-Vented		C	Vented	Alkaline	High: 150 Low: 50
60407RL		C	Vented					
60407		C	Vented				3x AAA	

**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

- 1 ANSI/ISEA Z89.1-2014 CSA Z94.1-15
- 2 EN12492:2012\*: 4.2.1.2, 4.2.1.3, 4.2.1.4
- 3 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.

**KARBNTM Full Brim Hard Hats**

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



**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	KARBNTM Pattern	—	—	—
60346					Rechargeable (Cat. No. 56048)	All-On: 400 lumen for 4 hrs Spotlight: 200 lumen for 12 hrs Floodlight: 100 lumen for 22 hrs	Lithium-Ion
60347		C	Vented				

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

# SAFETY HELMETS



## Safety Helmets

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



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



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			

### PROTECTION FROM IMPACT, PENETRATION, AND LATERAL DEFORMATION



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



**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

### 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

- 1 ANSI/ISEA Z89.1-2014 CSA Z94.1-15
- 2 EN12492:2012\*: 4.2.1.2, 4.2.1.3, 4.2.1.4, 4.2.2, 4.2.3, 4.2.4
- 3 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.



# SAFETY HELMET AND HARD HAT ACCESSORIES

## Hard Hat & Safety Helmet Accessories

- 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



VISORCLR



VISORGRAY

Cat. No.	Type	Special Features	For use with
KHHSWTBND	Sweatband Replacement	Orange Padded, Sweat Wicking, and Odor Resistant 3-pack	Hard Hats and Safety Helmets
KHHTOPPAD	Top Pad Replacement	Orange Padded, Sweat Wicking, and Odor Resistant 3-pack	
KHHSWTBND2	Cooling Sweatband Replacement	Blue Padded, Sweat Wicking 3-pack	
KHHTOPPAD2	Cooling Top Pad Replacement	Blue Padded, Sweat Wicking 3-pack	
KHHSPN	Suspension Replacement	Open Frame Allows Maximum Ventilation	Hard Hats
KHHSTRP	Chin Strap	Adjustable, Detachable and Replaceable	
KHHSPN2	Replacement Suspension	Pivoting, 4-Point, Ratchet Adjustment	Safety Helmets
CLMBRSPN	Suspension	6-Point Attachment, Ratchet Adjustment	
CLMBRSTRP	Chin Strap	Detachable and Adjustable	
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)	
VISORGRAY	Gray Tinted Visor		



MIL-PRF 32432A Clause 3.8.4.1 Class 1

CSA Z94.3

ANSI Z87.1+



KHHSPN2\*

\*Shown with sweatband, sold separately.



KHHSWTBND2



KHHTOPPAD2



CLMBRSPN\*

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



KHHSWTBND



KHHTOPPAD

## HARD HAT/SAFETY HELMET COOLING FAN

- Dual centrifugal fans feature high and low speed; maintains effective airflow and quiet operation
- Attaches directly to Klein Hard Hats and Safety Helmets' exclusive accessory mounts with no straps needed
- Up to 16 configurations to cool face, neck or under shell



Cat. No.	Description
60155	Hard Hat/Safety Helmet Cooling Fan
Replacement Parts	
29025	Modular battery Li-ion (3200mAh)
60490	Duct and cable replacement kit



Under Shell Cooling

56048



29025

56063



## Headlamps/Worklights

Cat. No.	Description	Lumens	Batteries	Battery Life
56062	Rechargeable Headlamp/Magnetic Worklight	Boost: 300 Spot/High: 215 Flood/Low: 100	Rechargeable, Lithium-ion	Boost: 4 hrs Spot/High: 9 hrs Flood/Low: 14 hrs
56048	Rechargeable Auto-Off Headlamp	Boost: 400 Spot/High: 200 Flood/Low: 100		Boost: 4 hrs Spot/High: 12 hrs Flood/Low: 22 hrs
56049	Rechargeable Light Array Headlamp/Magnetic Worklight	High: 260 Low: 125		High: 9 hrs Low: 14 hrs
60156	Intrinsically Safe LED Headlamp with 1" (2.5 mm) Hex Key for covered battery compartment	High: 216 Low: 75	(3) AAA	High: 5 hrs Low: 12 hrs
KHH56220	Alkaline Headlamp/Magnetic Worklight	Spotlight: 150 Floodlight: 50	(3) AAA	Spotlight: 6 hrs Floodlight: 10 hrs
56063	Rechargeable Safety Lamp with Magnet	1/4 mile (0.40 km) visibility*	Rechargeable, Lithium-ion	Pulse: High: 10 hrs, Low: 52 hrs Solid On: High: 5 hrs, Low: 22 hrs

\*in low light & clear weather



# PERSONAL PROTECTION EQUIPMENT



## P100 Half Mask Respirators

Light and ultra-compact respirators efficiently and effectively provide the wearer with P100 particulate protection without compromising comfort and wearability. P100 Filters are replaceable.

- NIOSH approved P100 (TC-84A-6949)
- Non-metal, latex and silicone-free lightweight TPE face piece
- Compatible with other PPE safety products including visors and welding helmets
- HEPA filters-high efficiency particulate air filters offer hydro-phobic (water repellent) material and offer users the maximum particulate protection, greater than 99.97%



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

Basic protection against non-harmful common airborne irritants

- 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-Pack)	Black

## Lightweight Gel Knee Pads

- Slip resistant rubber caps to grip kneeling surface for enhanced 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.	Overall Length	Overall Height	Overall Width
60184	6" (15.2 cm)	12" (30.5 cm)	6" (15.2 cm)



## Hinged Gel Knee Pads

- Designed with a top strap positioned above the knee to reduce shifting and to keep the knee pad centered
- Lightweight multi-layer pressure absorbing gel padding system provides heavy duty knee support for all-day comfort
- Durable slip-resistant rounded synthetic rubber kneecaps grip work surfaces for ultimate stability while allowing side-to-side mobility
- Adjustable elastic straps allow you to dial in a custom fit and quick-release clips secure upper and lower straps for easy on/off
- Breathable mesh and neoprene lining to keep you cool
- Knee pads are sold in pairs

Cat. No.	Overall Length	Overall Height	Overall Width
60344	10.7" (27.3 cm)	3.5" (8.9 cm)	9.8" (24.9 cm)



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



# EYEWEAR

## Safety Glasses

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) MILITARY 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

**MIL-PRF-32432A\***  
Clause 3.8.4.1  
Class 1

**CSA**  
Z94.3

**ANSI**  
Z87.1+



Cat. No.	Description	Frame Design	Lens Color
60159	Standard Safety Glasses, Clear Lens	Semi-Frame	Clear
60160	Standard Safety Glasses, Gray Lens		Gray
60161	Professional Safety Glasses, Clear Lens		Clear
60162	Professional Safety Glasses, Gray Lens	Full Frame	Gray
60163	Professional Safety Glasses, Full Frame, Clear Lens		Clear
60164	Professional Safety Glasses, Full Frame, Gray Lens		Gray
60171	Standard Safety Glasses, Clear Lens, 2-Pack	Semi-Frame	Clear
60172	PRO Safety Glasses-Wide, Clear Lens, 2-Pack		Clear
60173	PRO Safety Glasses-Semi-Frame, Combo Pack		Clear / Gray
60174	Standard Safety Glasses-Semi Frame, Combo Pack		Clear / Gray
60470	Gasket Safety Glasses with Strap	Full Frame	Clear
60471	Gasket Safety Glasses with Strap		Gray



\*Does not apply to Gasket Models 60470, 60471





# SAFETY PRODUCTS

## PERSONAL PROTECTION EQUIPMENT



### High-Visibility Safety Vest

- 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



60269

Cat. No.	Chest Size	Color	Number of Pockets	Material
60269	Medium/Large: 38" to 44" (96.5 to 111.8 cm)	High-Visibility Yellow	8	100% Polyester
60268	Extra-Large: 44" to 50" (111.8 to 127 cm)			

### High-Visibility Winter Bomber Jacket

- Wind and water resistant with 220-Gram insulation for superior warmth
- ANSI rated Type R, Class 3 with 2-Inch reflective stripes
- Attached inset hood and zippered underarm vents



60364

Cat. No.	Chest Size	Color	Number of Pockets	Material
60364	Large: 38" to 44" (96.5 to 111.8 cm)	High-Visibility Yellow	10	100% Polyester
60380	X-Large: 44" to 50" (111.8 to 127 cm)			
60501	XX-Large: 50" to 56" (127 to 142.2 cm)			

### Cooling Gear

- Activate with water and stays cool for hours
- Wear under hard hats or alone
- Machine washable and reusable



60439

60465



60180

60181



60093



60090



60486



60230

Cat. No.	Description	Color	Package Quantity	Special Feature	Size
60093	Cooling PVA Towel	Gray	1	Comes in storage tube	13" x 29.5" (33 x 74.9 cm)
60090	Cooling PVA Towel	Blue	1	Comes in storage tube	13" x 29.5" (33 x 74.9 cm)
60230	Cooling PVA Towel	Blue	2	Comes in resealable bag with carabiner	13" x 29.5" (33 x 74.9 cm)
60486	Cooling PVA Towel	High-Visibility Yellow	2	Comes in resealable bag with carabiner	13" x 29.5" (33 x 74.9 cm)
60439	Neck and Face Cooling Band	Blue	1	Anti-odor and UPF 50+ sun protection	One Size Fits Most
60465	Neck and Face Cooling Band	High-Visibility Yellow	1	Anti-odor and UPF 50+ sun protection	One Size Fits Most
60180	Cooling Do Rag	Blue	2	Elastic headband with absorbent terry cloth	One Size Fits Most
60181	Cooling Helmet Liner	Black	1	Breathable mesh fabric at crown	One Size Fits Most

### Warming Gear

- Wear under hard hats or alone
- Machine washable
- One size fits most



60388



60391



60383



60455

60466



60413



60132

Cat. No.	Description	Color	Package Quantity	Special Feature	Size	Overall Length
60413	Heat Exchanger Balaclava	Black	1	Removable heat exchanger, high-visibility yellow piping	One Size Fits Most	17" (43.2 cm)
60132	Wind Proof Hinged Balaclava	Black	1	One-piece with hinge allows for use as a neck gaiter	One Size Fits Most	17.5" (44.5 cm)
60388	Heavy Knit Hat	Black	1	Extra warmth with heavy knit; vintage Klein Tools logo	One Size Fits Most	10" (25.4 cm)
60391	Knit Beanie	Black	1	Fleece lining; high-visibility yellow trim	One Size Fits Most	10" (25.4 cm)
60383	Winter Helmet Liner	Black	1	Polar fleece on crown; windproof fabric around ears	One Size Fits Most	11" (27.9 cm)
60455	Neck and Face Warming Band	Black	1	Double layered; fleece inside, anti-odor outside	One Size Fits Most	20" (50.8 cm)
60466	Neck and Face Warming Half-Band	Black	1	Double layered; anti-odor fabric top, fleece bottom	One Size Fits Most	12" (30.5 cm)

# GLOVES



## Touch-Screen Work Gloves with Cut-Level Resistance

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



Cat. No.	Cut-Level	Standard	Color	Size	Package Quantity
60185	2	ANSI A2 Cut Resistance; EN 388: 2015 4342 B	Gray Knit, Black Coating, Orange Cuff Thread	Large (9)	2-Pair
60197				Extra-Large (10)	
60186	4	ANSI/ISEA 105-2016 Cut Level A4; EN 388: 2015 4442 D	High-Visibility Yellow Knit, Black Coating, Orange Cuff Thread	Large (9)	
60198				Extra-Large (10)	

## Thermal Dipped Gloves

- Winter gloves are double dipped and terry lined for protection and warmth in cold weather
- Coated with latex shell for water resistance
- Second coating of textured latex on palm and fingers for superior grip
- Thick lining of 7-Gram brushed acrylic to retain warmth
- Tear and abrasion resistant while still maintaining flexibility for great dexterity
- Ribbed-knit cuff for secure fit
- Machine washable



Cat. No.	Standard	Color	Size	Package Quantity
60389	EN388-2016 2131X; EN511:2006 X1X	Gray Knit, Black Coating, Orange Trimmed Cuff	Large (9)	1-Pair
60390	EN388-2016 2131X; EN511:2006 X1X	Gray Knit, Black Coating, Black Trimmed Cuff	Extra-Large (10)	

## JOURNEYMAN™ Wire Pulling Gloves

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



Cat. No.	Size
40232	Medium
40233	Large
40234	Extra Large

## JOURNEYMAN™ Utility Gloves

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



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

TrekDry™ is a trademark of Mechanix Wear, Inc.

## JOURNEYMAN™ Leather Gloves

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



Cat. No.	Size
40220	Medium
40221	Large
40222	Extra-Large

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

## JOURNEYMAN™ Leather Utility Gloves

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



Cat. No.	Size
40226	Medium
40227	Large
40228	Extra Large

DuraHide™ is a trademark of Mechanix Wear, Inc.



# PORTABLE POWER STATIONS

## Portable Power Stations And Solar Panel

No Gas • No Fumes • Just Power

- 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

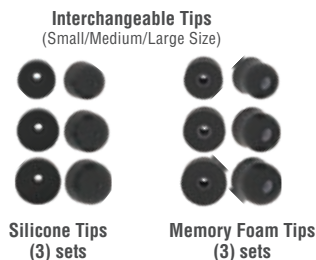
Cat. No.	Description	AC Power	Number of Outputs	USB Ports	Recharge Time	Solar Panel (29250) Compatibility	Included
KTB1000	Portable Power Station, 983Wh	1500W	11	6	2.5 hrs fast charging (80% charge) 7.5 hrs standard charging (80% charge)	Up to 2 panels	(1) Fast charger, (1) mobile charger, (1) 12V car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

# JOBSITE ACCESSORIES

## Bluetooth® Jobsite Earbuds

- Noise Reduction Rating (NRR) 28 dB
- Seamlessly stream high-quality stereo audio
- Interchangeable Memory Foam tips provide hearing protection; Silicone tips can be switched out for casual listening
- Easy one-step pairing via trusted Bluetooth 5.0 up to 33'
- 15-hour total run time (with charging case)
- IP67 rated: dust- and water-proof (earbuds only)
- Included USB-A to USB-C cable for convenient charging



AESEB1

Cat. No.	Description	Overall Length	Overall Height	Overall Width
AESEB1	Earbuds	.84" (2.1 cm)	.96" (2.4 cm)	.65" (1.7 cm)
	Charging Case	3.15" (8 cm)	1.56" (4 cm)	1.5" (3.9 cm)



# KLEIN<sup>®</sup> TOOLS



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