TELECOM
Tools You Need to Move with the Speed of Technology
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.
Wall Assembly

- Available in 3 sizes to fit standard utility buckets
- 50 lb load rating for each rail
- Heavy-duty materials made with UV resistant plastic to stand up to tough working conditions
- Special design bumpers allow Rail System to stay in place during transit and articulation of aerial buckets
- Easily attaches to utility buckets with quick release and adjustable clamps
- Features (4) inside and (1) outside rail for customization
- Patent Pending

1 Man Wall Assembly

- BC100WA

1.5 Man Wall Assembly

- BC150WA

2 Man Wall Assembly

- BC200WA

Integrated Corner Piece

- Seamlessly connects to the Wall Assembly pieces for a continuous storage system
- 4 hooks and a flip bar can swivel in and out
- Accommodates different size lineman tools while making use of dead space in the corner
- Made with impact resistant nylon to stand up to tough working conditions

Wall Assembly, S-Hook Module

- BC100S

Storage Wall Assembly

- BC99WA
THE LINEMAN’S OFFICE, RAIL SYSTEM

**Socket Storage Module**
- 6 slots to store commonly used impact socket sizes or Klein’s Impact Socket Set, sold separately (Cat. No. 66010)
- Fits a range of socket sizes from 3/8” to 1-1/8”
- Magnetic slots to keep sockets in place during transit
- Sockets are stored from smallest to largest to quickly identify the right size needed for the job
- Made with impact resistant nylon to stand up to tough working conditions

**Magnetic Tool Storage Module**
- Rare-Earth magnetic plates hold hand tools, sockets, bits and small parts
- Strong enough to hold lineman’s pliers
- Made with impact resistant nylon to stand up to tough working conditions

**Tool Apron Storage Module**
- 12 compartments to accommodate a wide variety of lineman tools
- Double stitched hammer loop and knife pouch helps keep tools secure when not in use
- Rare-Earth magnets hold hardware and small tools
- Innovative design intended to be more durable than traditional tool aprons
- Bonus buckle for extra storage

**Hard Tool Storage Module**
- 18 compartments hold a wide variety of lineman tools
- Rare-Earth magnets hold hardware and small tools
- Innovative design intended to be more durable than traditional tool aprons
- Rubber flaps hold tools during transit and are also adjustable and replaceable
- Made with impact resistant nylon to stand up to tough working conditions

**Auger Bit Storage Module**
- 2 slots to store 12”, 18”, or 24” long auger bits
- Aluminum Spacer slides into one slot to store a 12” auger bit in the 18” holder or store an 18” long auger bit in the 24” bit holder
- Module will not melt with hot auger bits, or dull tips of auger bits
- Made with impact resistant nylon to stand up to tough working conditions

**Open Hook Module**
- Easily attaches to the inside rails of the Wall Assembly
- Single hook holds a wide variety of lineman tools
- Made with impact resistant nylon to stand up to tough working conditions

**Closed Hook Module**
- Easily attaches to the inside or outside rails of the Wall Assembly
- Helps secure tools to prevent from falling
- Single hook holds a wide variety of lineman tools
- Open the latch even with gloves on
- Made with impact resistant nylon to stand up to tough working conditions

**Utility Bar Storage Module**
- 10” long bar allows tools to slide in and out with ease
- Holds lineman tools including hammers, straps, ropes and long handled tools
- Made with impact resistant nylon to stand up to tough working conditions

**Utility Bar Storage Module**
- 10” long bar allows tools to slide in and out with ease
- Holds lineman tools including hammers, straps, ropes and long handled tools
- Made with impact resistant nylon to stand up to tough working conditions
THE LINEMAN'S OFFICE, RAIL SYSTEM

Hardware Pouch Module, Rail System
- Connects to the Bucket Work Center Rail System and holds a wide variety of lineman hand tools and hardware
- Dual Action Carabiner helps keep tools and parts secure when in transit
- Drain holes to prevent water build-up
- Robust latches on each Bucket Work Center module can be handled with class 2 insulated gloves to effortlessly reorganize the Rail System to help improve workspace efficiency

Large Pouch Module, Rail System
- Connects to the Bucket Work Center Rail System and holds a wide variety of lineman hand tools, power tools, and hardware
- Dual Action Carabiner keeps tools and parts secure when in transit
- Front Pockets to store hardware and accessories
- Made with impact resistant nylon and 1680D material to stand up to tough working conditions

Work Tray Module, Rail System
- Connects to the Bucket Work Center Rail System and holds a wide variety of lineman hand tools, power tools, and hardware
- Made with UV resistant, dielectric plastic to withstand all work conditions from -25° to +125° F, 1000V to 35kV
- Positioned on the outside of an aerial bucket with optimal height to help prevent fatigue
- Work Tray is 20.6" x 12.2" x 8.8" (52 x 31 x 22 cm) to fit tools and hardware in a variety of sizes

Multi-Tool Holder Module, Rail System
- Connects to the Bucket Work Center Rail System and holds a wide variety of lineman hand tools
- Metal hammer loop holds a lineman’s hammer, wrenches and other long handled tools
- Robust clip on the back of the module can be handled with class 2 insulated gloves to effortlessly reorganize the Rail System to help improve workspace efficiency
- POM, Polyethylene, Impact modified Polypropylene and 1680D material to stand up to tough working conditions
S-HOOK MODULES

Auger Bit Storage Module
- 2 slots to store 12", 18", or 24" long auger bits
- Aluminum Spacer slides into one slot to store a 12" auger bit in the 18" holder or store an 18" long auger bit in the 24" bit holder
- Module will not melt with hot auger bits, or dull tips of auger bits
- Made with impact resistant nylon to stand up to tough working conditions

Socket Storage Module
- 6 slots to store commonly used impact socket sizes or Klein’s Impact Socket Set, sold separately (Cat. No. 66010)
- Fits a range of socket sizes from 3/8" to 1-1/8"
- Magnetic slots to keep sockets in place during transit
- Sockets are stored from smallest to largest to quickly identify the right size needed for the job
- Made with impact resistant nylon to stand up to tough working conditions

Utility Bar Storage Module
- 10" long bar allows tools to slide in and out with ease
- Holds lineman tools including hammers, straps, ropes and long handled tools
- Made with impact resistant nylon to stand up to tough working conditions

Tool Apron Storage Module
- 12 compartments to accommodate a wide variety of lineman tools
- Double stitched hammer loop and knife pouch helps keep tools secure when not in use
- Rare-Earth magnets hold hardware and small tools
- Innovative design intended to be more durable than traditional tool aprons
- Bonus buckle for extra storage

Hard Tool Storage Module
- 18 compartments hold a wide variety of lineman tools
- Rare-Earth magnets hold hardware and small tools
- Innovative design intended to be more durable than traditional tool aprons
- Rubber flaps hold tools during transit and are also adjustable and replaceable
- Made with impact resistant nylon to stand up to tough working conditions

Magnetic Tool Storage Module
- Rare-Earth magnetic plates hold hand tools, sockets, bits and small parts
- Strong enough to hold lineman’s pliers
- Made with impact resistant nylon to stand up to tough working conditions

S-Hooks
- Designed to attach to bucket lips for optimized fit to hold all S-Hook Modules

Cat. No. UPC Description Overall Length Overall Width Overall Height
BC311 88013-1 S-Hook, 2" 5.49" (13.9 cm) 0.67" (1.7 cm) 6.08" (15.4 cm)
BC312 88014-8 S-Hook, 3" 5.8" (14.7 cm) 0.67" (1.7 cm) 6.3" (16 cm)
BC301S 88006-3 Hard Tool Storage Module 15.2" (38.6 cm) 4.6" (11.6 cm) 11.2" (28.5 cm)
BC302S 88007-0 Tool Apron Storage Module 15.5" (39.4 cm) 2.2" (5.6 cm) 19.5" (49.5 cm)
BC304S 88008-7 Magnetic Tool Storage Module 3.54" (9.0 cm) 1.97" (5.0 cm) 8.71" (22.1 cm)
BC307S 88009-4 Auger Bit Storage Module 4.1" (10.4 cm) 2.2" (5.6 cm) 21" (52.2 cm)
BC508S 88010-0 Utility Bar Storage Module 10.1" (25.6 cm) 3.3" (8.4 cm) 3.74" (9.5 cm)
BC509S 88011-7 Socket Storage Module 3.5" (8.9 cm) 2.2" (5.6 cm) 15.2" (38.6 cm)
PERSONAL PROTECTION & SAFETY EQUIPMENT

HARD HATS

NON-VENTED CLASS E
Specifically designed with electricians and linemen in mind, these non-vented hard hats are tested up to 20kV.
Available in Cap Style and Full Brim

VENTED CLASS C
Built for the demands of general construction, plumbing, carpentry and iron worker use, these hard hats include adjustable vents that can be opened and closed. These hard hats do not provide electrical protection.
Available in Cap Style and Full Brim

SAFETY, COMFORT & FIT

1. Flexible, Open-Frame Design allows suspension to conform to user's head, provides optimal fit, and improved ventilation.
2. Pivot Adjustment allows user to position the ratchet mechanism to clear bandana knots and pony-tails.
3. Replaceable, Top Comfort Pad Sweat-wicking and breathable padding with anti-microbial and odor control materials; machine washable. Prevents straps from digging into your head. (Replacement Cat. No. KHHTOPPAD)
4. Rear Neck Pad Soft, non-slip rear pad provides excellent cushion and grip.
5. Multi-Point Adjustment allows user to choose the best position for enhanced fit and comfort.
6. Chin Strap Attachment Points Chin Strap is sold separately. (Cat. No. KHHSTRP)
7. Replaceable, Sweatband Front and side coverage; sweat-wicking and breathable padding with anti-microbial and odor control materials; machine washable. (Replacement Cat. No. KHHSTFBND)
8. Ratchet Adjustment large knob mechanism allows for easy one-hand adjustment, even with gloves on.
HARD HATS & SAFETY HELMETS

Hard Hats

- Patented accessory mounts on front and back ensure optional Klein Headlamps and Klein accessories attach securely and precisely, every time — no straps or zip ties needed!
- Unique suspension system features a flexible open frame design to provide optimal fit and improved air circulation
- Breathable, padded sweat-wicking sweatband and top pad improve comfort and are machine washable
- Easy, one-handed adjustment with large knob ratchet mechanism even with gloves on and soft neck pad pivots to clear bandana knots and pony tails
- Universal accessory slots on both sides for attaching hearing protection, face shield and more
- Reverse donning: Suspension can be switched to wear hard hat backwards

Non-Vented Class E, Type 1 Hard Hats

- Tested up to 20kV, meets ANSI Z89.1-2014 (R2019), CSA Z94.1-15 (R2020); EN397:2012+A1:2012-5.2.4 (Lateral Deformation-LD)*; EN12492:2012-4.2.1.2, 4.2.1.3, 4.2.1.4 (Front/Back/Side impact)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Class</th>
<th>SKU Description</th>
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<tbody>
<tr>
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<td>60535</td>
<td>E</td>
<td>Cap Style, Non-vented, Yellow</td>
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<tr>
<td>60107</td>
<td>E</td>
<td>Cap Style, Non-vented, Alkaline Headlamp # KHH56220, White</td>
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<tr>
<td>60107RL</td>
<td>E</td>
<td>Cap Style, Non-vented, Rechargeable Headlamp #56062, White</td>
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<tr>
<td>60248</td>
<td>E</td>
<td>Cap Style, Non-vented, Blue</td>
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<td>60249</td>
<td>E</td>
<td>Full Brim, Non-vented, Blue</td>
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<td>60489</td>
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<td>Full Brim, Non-vented, Yellow</td>
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</tbody>
</table>

Alkaline headlamp (Cat. No. KHH56220) includes 3 x AAA batteries

Vented Class C, Type 1 Hard Hats

- Class C, Type 1 hard hats with adjustable vents meet ANSI Z89.1-2014, CSA Z94.1-15, EN397:2012+A1:2012-Lateral Deformation (LD) standards*
- Adjustable vents can be opened or closed for maximum air circulation while meeting stringent safety standards

<table>
<thead>
<tr>
<th>Cat. No.</th>
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<th>SKU Description</th>
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<tr>
<td>60113RL</td>
<td>C</td>
<td>Cap Style, Vented, Rechargeable Headlamp #56062, White</td>
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<tr>
<td>60401</td>
<td>C</td>
<td>Full Brim, Vented, White</td>
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<tr>
<td>60407</td>
<td>C</td>
<td>Full Brim, Vented, Alkaline Headlamp # KHH56220, White</td>
</tr>
<tr>
<td>60407RL</td>
<td>C</td>
<td>Full Brim, Vented, Rechargeable Headlamp #56062, White</td>
</tr>
<tr>
<td>60262</td>
<td>C</td>
<td>Full Brim, Vented, Yellow</td>
</tr>
</tbody>
</table>

Alkaline headlamp (Cat. No. KHH56220) includes 3 x AAA batteries

Scope of Z89.1-2014 (R2019) American National Standard for Head Protection

**TYPE I (Top Impact)** Helmets intended to reduce the force of an impact to the top of a wearer’s head.

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

**Electrical Performance**

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

Konstruct™ Series
Full Brim Hard Hats

- Constructed using lightweight reinforced polymer-fibers to withstand radiant heat loads of up to 350°F
- Type 1 Class G, meets ANSI/ISEA Z89.1-2014 (R2019) and CSA Z94.1-15 (R2020)
- Patented accessory mounts (on #60452) – Ensure Klein Headlamps and accessories are properly positioned on front or back; NO STRAP needed!

KARBN™ Series
Full Brim Hard Hats

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

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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>UPC 0-92644+</th>
<th>Description</th>
<th>Class</th>
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<tbody>
<tr>
<td>60447</td>
<td>60447-8</td>
<td>KONSTRUCT™ Series Full Brim Hard Hat With Headlamp</td>
<td>G</td>
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<tr>
<td>60452</td>
<td>60452-2</td>
<td>KONSTRUCT™ Series Full Brim Hard Hat (no mounts)</td>
<td>G</td>
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<td>60456</td>
<td>60345-7</td>
<td>KARBN™ Full Brim Hard Hat</td>
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<tr>
<td>60466</td>
<td>60346-4</td>
<td>KARBN™ Full Brim Hard Hat w/Rechargeable Auto-Off Headlamp 56048</td>
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<tr>
<td>60626</td>
<td>60626-7</td>
<td>KARBN™ Full Brim Hard Hat, Vented</td>
<td>C</td>
</tr>
<tr>
<td>60447</td>
<td>60347-1</td>
<td>KARBN™ Full Brim Hard Hat, Vented w/Rechargeable Auto-Off Headlamp 56048</td>
<td>C</td>
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</table>

ACCESSORIES

<table>
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<tr>
<th>Pkg Qty</th>
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<tbody>
<tr>
<td>1 pc.</td>
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<tr>
<td>3-pack</td>
</tr>
<tr>
<td>3-pack</td>
</tr>
<tr>
<td>3-pack</td>
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</tbody>
</table>

Featured Headlamp (also sold separately)

- 56048 56048-4 Rechargeable Auto-Off Headlamp, 400 Lumens (incl with 60346, 60347) 1 pc.
- 56062 56062-0 Rechargeable Headlamp/Magnetic Worklight (included on select models) 1 pc.
- 56063 56063-7 Quad-directional Safety Lamp (Rechargeable; Magnetic; RED LEDs) 1 pc.
- 60156 60156-9 Intrinsically Safe LED Headlamp 1 pc.
- 60155 60155-2 Cooling Fan for Hard Hat and Safety Helmet 1 pc.

NOTE: KHHSN2 does not come with Premium top pad (KHHTOPPAD2) and Premium Sweatband (KHHSWTBND2), these items need to be purchased separately.
Safety Helmets

- Patented front/back accessory mounts ensure Klein Headlamps attach securely
- 6-point suspension along with chin strap provide 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
- Detachable 4-point padded chin strap for comfortable secure fit
  Class E non-vented Safety Helmets have been tested up to 20kV.
  EN397:2012+A1:2012 (Clauses listed only):
  - 5.2.1 – Shock at Very Low Temperature
  - 5.2.2 – Lateral Deformation (LD)
  - 5.2.5 – Molten metal Splash
  EN12492:2012 (Listed clauses only):
  - 4.2.1.2 – Front Energy Absorption Capacity
  - 4.2.1.3 – Side Energy Absorption Capacity
  - 4.2.1.4 – Rear Energy Absorption Capacity
  - 4.2.2 – Resistance To Penetration
  - 4.2.3 – Retention System Strength
  - 4.2.4 – Retention System Effectiveness (roll off)

Safety Helmet Visors

- Superior Impact Protection: Tested to the latest ANSI Z87.1+ (2020), CSA Z94.3-20 and MIL-PRF-32432A Clause 3.8.4.1 (Class 1-ballistics fragmentation) standards (See instructions for details)
- High Clarity Visor: Optical Class-1
- Anti-fog
- Scratch Resistant
- UV Protection: effectively blocks 99.9% harmful UV-A, UV-B, and UV-C rays
- Locks in up and down position to maintain desired position when moving head
Hard Hat & Safety Helmet Replacement Parts and Accessories

- **Hard Hat Suspension** (Cat. No. KHHSHPN)
  - Features flexible open frame design easily conforms to your head, allowing maximum ventilation
  - Ratchet-knob adjustment; easy one-hand adjustment, even with work gloves on
  - 4-point suspension; multi-level height adjustment
  - Adjustment size: Hat sizes 6.5 to 8 (52 to 64 cm)
  - Fits both cap and full brim style hard hats

- **Hard Hat & Safety Helmet Replacement Sweatband** (Cat. No. KHHSWTBND)
- **Hard Hat & Safety Helmet Replacement Top Pad** (Cat. No. KHHTOPP)

- **Hard Hat Chin Strap** (Cat. No. KHHSTR)
  - Helps keep hard hats in place during high winds, at height, or unusual work positions
  - Multi-point attachment to Klein Tools Hard Hat Suspension with 4 clips
  - Easily adjusts for personalized comfort and fit

- **Safety Helmet Suspension** (Cat. No. CLMBRSPN)
  - 6-point suspension (Cat. No. CLMBRSPN) features flexible open frame design and ratchet-knob adjustment for a secure fit
  - Ratchet-knob adjustment; easy one-hand adjustment, even with work gloves on
  - 6-point suspension; multi-level height adjustment

- **Safety Helmet Chin Strap** (Cat. No. CLMBRSTR)
  - Chin Strap (Cat. No. CLMBRSTR) helps keep safety helmets in place during high winds, at height, or in confined work positions with multi-point attachments; detachable and replaceable

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**Cooling Fan for Klein Hard Hats and Safety Helmet**

- Cooling Fan has powerful dual-fan design for efficient airflow on head, neck or face
- Up to 6 hours continuous runtime via Modular Rechargeable Battery
  - Cat. No. 29025 (included)
- Modular design offers 16 ways to cool face, neck or under shell with long ducts or short ducts (included)

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**Cat. No. UPC 0-92644+ SKU Description**

- **Cat. No. 60155 60155-2 Hard Hat/Safety Helmet Cooling Fan**

**Replacement Parts**

- **Cat. No. 29025 29025-1 Modular Battery Li-ion (3200mAh)**
- **Cat. No. 60490 60490-4 Duct and Cable Replacement Kit**

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**Cat. No. Description Package Quantity**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Package Quantity</th>
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<tbody>
<tr>
<td>KHHSHPN</td>
<td>Hard Hat Replacement Suspension</td>
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<tr>
<td>KHHTOPP</td>
<td>Hard Hat Replacement Top Pad</td>
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</tr>
<tr>
<td>KHHSWTBND</td>
<td>Hard Hat Replacement Sweatband</td>
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</tr>
<tr>
<td>KHHSTR</td>
<td>Hard Hat Chin Strap</td>
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<tr>
<td>CLMBRSPN</td>
<td>Safety Helmet Suspension</td>
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</tr>
<tr>
<td>CLMBRSTR</td>
<td>Safety Helmet Chin Strap</td>
<td>1</td>
</tr>
</tbody>
</table>

Hard Hats/Safety Helmets sold separately
Rechargeable Headlamp and Worklight

- Rechargeable headlamp attaches directly to Klein® Hard Hats (equipped with bracket system)
- Mount headlamp magnetically with a strong backside magnet for use as a work light
- Battery gauge indicates level of battery life with colored LED lights
- Slimmer profile light with pivoting mount allows up to a 64° lighting angle

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Lumens</th>
<th>Battery Life</th>
<th>Batteries</th>
<th>Drop Protection</th>
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<tbody>
<tr>
<td>56062</td>
<td>Rechargeable Headlamp and Worklight, 300 Lumens</td>
<td>Boost: 300</td>
<td>4 hrs</td>
<td>Lithium-Ion</td>
<td>6&quot; (1.8 m)</td>
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<tr>
<td></td>
<td>All-Day Runtime</td>
<td>High: 215</td>
<td>9 hrs</td>
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<tr>
<td></td>
<td></td>
<td>Low: 100</td>
<td>14 hrs</td>
<td></td>
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</tr>
</tbody>
</table>

Intrinsically Safe LED Headlamp

- Intrinsically safe LED headlamp attaches directly to Klein® Hard Hats and Safety Helmets equipped with Klein® accessory mount
- Bracket tilt angle up to 70° on hard hats (max 90°)
- Pressure relief valve (on bottom)
- Large power / mode button
- Includes 1" (2.5 mm) Hex Key for covered battery compartment

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Lumens</th>
<th>Battery Life</th>
<th>Batteries</th>
<th>Drop Protection</th>
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<tbody>
<tr>
<td>60156</td>
<td>Intrinsically Safe LED Headlamp</td>
<td>High: 216</td>
<td>5 hrs</td>
<td>3xAAA (included)</td>
<td>6.6&quot; (2 m)</td>
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<tr>
<td></td>
<td></td>
<td>Low: 75</td>
<td>12 hrs</td>
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Rechargeable Safety Lamp with Magnet

- Focused quad-directional multi-LED is visible up to 1/4 mile (0.4 km) in low light and clear weather
- Designed to attach directly to Klein® Hard Hats and Safety Helmets with patent-pending front/back accessory mounts; no straps needed
- Attach to magnetic surface to serve as stationary alert beacon
- Compact and lightweight design for all day use
- High Quality Red LEDs for exceptional visibility in BOTH bright and low light conditions
- Rechargeable via USB-C cable (included)
- Battery status indicator

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Modes</th>
<th>Battery Life</th>
<th>Batteries</th>
<th>Drop Protection</th>
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<tbody>
<tr>
<td>56063</td>
<td>Rechargeable Safety Lamp with Magnet</td>
<td>Pulse: Low</td>
<td>52 hrs</td>
<td>Lithium-Ion</td>
<td>10' (3 m)</td>
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<td></td>
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<td>Pulse: High</td>
<td>10 hrs</td>
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<td></td>
<td></td>
<td>Solid On: Low</td>
<td>22 hrs</td>
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<tr>
<td></td>
<td></td>
<td>Solid On: High</td>
<td>5 hrs</td>
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</table>
ILLUMINATION

Rechargeable 2-Color LED Headlamp with Adjustable Strap

- Rechargeable Headlamp is 3 lights in one: Focused Spotlight; Wide Floodlight, and low-intensity red LEDs
- Remove light from bracket for recharging or to attach directly to Klein® Hard Hat mounts
- Silicone infused adjustable strap features marker/pencil holder

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Overall Length</th>
<th>Material</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>56414</td>
<td>Rechargeable 2-Color LED Headlamp with Adjustable Strap</td>
<td>2.9” (7.3 cm)</td>
<td>ABS/PC, Silicone Weave in Nylon Elastic Fabric</td>
<td>10’ (3 m)</td>
</tr>
</tbody>
</table>

Rechargeable 400 Lumen Headlamp with Silicone Strap

- Rechargeable 400 lumen LED Headlamp has 3 bright lighting modes and long, all-day battery life
- Headlamp automatically turns off after 3 minutes in bright light via auto-sensing technology, extending battery life (feature can be disabled)
- Battery gauge indicates level of battery life with colored LED lights
- Wear with the adjustable silicone strap or the smartly designed bracket that attaches directly to Klein® Hard Hats (those equipped with bracket system)
- Slim profile with pivoting mount to allow up to a 64° lighting angle

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Lumens</th>
<th>Battery Life</th>
<th>Batteries</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>56064</td>
<td>Rechargeable Headlamp w/ Silicone Strap, 400 L All-Day Runtime, Auto-Off</td>
<td>Boost: 400</td>
<td>4 hrs</td>
<td>Lithium-Ion</td>
<td>6’ (1.8 m)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>High: 200</td>
<td>12 hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low: 100</td>
<td>22 hrs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Rechargeable 400 Lumen Headlamp with Fabric Strap

- Rechargeable 400 lumen LED Headlamp has 3 bright lighting modes and up to 22 hours of runtime
- Headlamp automatically turns off after 3 minutes in bright light via auto-sensing technology, extending battery life
- Battery gauge indicates level of battery life with colored LED lights
- Smartly designed headlamp bracket also attaches directly to Klein® Hard Hats equipped with bracket system
- Slim profile with pivoting mount to allow up to a 64° lighting angle

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Lumens</th>
<th>Battery Life</th>
<th>Batteries</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>56048</td>
<td>Rechargeable Headlamp with Strap, 400 Lumen All-Day Runtime, Auto-Off</td>
<td>Boost: 400</td>
<td>4 hrs</td>
<td>Lithium-Ion</td>
<td>6’ (1.8 m)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>High: 200</td>
<td>12 hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low: 100</td>
<td>22 hrs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Rechargeable Light Array Headlamp with Fabric Strap

- Rechargeable headlamp with a rectangular light array offers more usable light field
- Adjustable fabric strap with silicone grip comes equipped with a convenient marker and carpenter’s pencil holder
- Mounts magnetically with a strong backside magnet for use as a work light
- Smartly designed headlamp bracket also attaches directly to Klein® Hard Hats equipped with bracket system
- Battery gauge indicates level of battery life with colored LED lights

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Lumens</th>
<th>Battery Life</th>
<th>Batteries</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>56049</td>
<td>Rechargeable Light Array Headlamp w/ Strap, 260 Lumen, All-Day Runtime</td>
<td>High: 280</td>
<td>9 hrs</td>
<td>Lithium-Ion</td>
<td>6’ (1.8 m)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low: 125</td>
<td>14 hrs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Rechargeable Hard Hat Headlamp and Worklight

- Rechargeable headlamp attaches directly to Klein® Hard Hats (equipped with bracket system, Smartly designed headlamp also attaches to Klein® bracketed strap (Cat. No. 56060)
- Colored LED Battery gauge indicator, 64˚ pivoting, and Rear-side magnet for mounting and use as a work light

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Lumens</th>
<th>Batteries</th>
<th>Battery Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>56062</td>
<td>Rechargeable Hard Hat Headlamp and Worklight</td>
<td>Boost: 300</td>
<td>Lithium-Ion</td>
<td>Boost: 4 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Spot/High: 215</td>
<td>via USB-C port</td>
<td>Spot/High: 9 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flood/Low: 100</td>
<td></td>
<td>Flood/Low: 14 hrs</td>
</tr>
</tbody>
</table>

See www.kleintools.com for all details on hard hat Safety Lamp and Intrinsically Safe Headlamp.
Telescoping Magnetic LED Pickup Tool

- Telescoping extension 24” (61 cm) beyond arm’s reach to retrieve magnetically-attractive tools and parts
- Powerful magnetic head with 2 lb (907 g) pickup strength
- LED light provides long-lasting illumination to guide you to and from your target
- 3” (7.5 cm) gooseneck end bends to aid with pickup and to work around obstacles
- Pocket clip for easy, convenient storage

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Dimensions</th>
<th>Lumens</th>
<th>Battery Life</th>
<th>Batteries</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>56027</td>
<td>6.31” x 9.38” W (16 x 2.4 cm) CLOSED 27.81” x 9.38” W (70.6 x 2.4 cm) OPEN</td>
<td>25</td>
<td>10 hrs</td>
<td>2x AAA (included)</td>
<td>10’ (3 m)</td>
</tr>
</tbody>
</table>

Cap Visor LED Light

- Contoured metal clip on this cap light fastens easily onto the hat brim or visor
- Five bright LEDs flood the area with light
- Pivoting light head allows up to a 60° lighting angle
- Conveniently centered power button controls the light from high to low to off

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Dimensions</th>
<th>Lumens</th>
<th>Battery Life</th>
<th>Batteries</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>56402</td>
<td>2.57” L x 2.27” W (6.5 cm x 5.8 cm)</td>
<td>High: 125 Low: 40</td>
<td>High: 4 hrs Low: 8 hrs</td>
<td>2x AAA (included)</td>
<td>10’ (3 m)</td>
</tr>
</tbody>
</table>

Rechargeable LED Flashlight with Worklight

- Rechargeable Flashlight with integrated work light is a compact, powerful every day light offering 5 different light modes
- Features two Flashlight modes: High 500 lumens for 7 hours, Low 315 lumens for 10 hours; three Work Light modes: High-375 lumens for 10 hours, Medium- 235 lumens for 11 hours, and ECO- 35 lumens for 30 hours
- Magnetic end cap and side-barrel LEDs for a hands-free work light
- Equipped with Last Mode Memory so the light turns on in the same mode it was turned off
- Tri-color LED light indicates the battery life and the charging collar twists for recharging via an included USB-C cable
- Glow ring locator on the bezel charges when the flashlight is on

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Dimensions</th>
<th>Batteries</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>56412</td>
<td>5.5” L x 1.4” W (14 cm x 3.6 cm)</td>
<td>Lithium-Ion</td>
<td>6’ (1.8 m)</td>
</tr>
</tbody>
</table>

Rechargeable 2-Color LED Flashlight with Holster

- Rechargeable Flashlight is 3 lights in 1: a focused, long-range white spotlight, wide, white floodlight, and low-intensity red LEDs
- Features bright white LEDs in 2 settings: Spotlight (Boost: 1000 lm for 4 hrs, High: 800 lm for 7 hrs, Low-400 lm for 11 hrs, Strobe: 95 lm for 50 hrs) and Floodlight (High-650 lm for 6 hrs, Medium: 450 lm for 11 hrs, ECO: 35 lm for 25 hrs)
- Low intensity red LEDs for non-blinding night vision (4 lumens for 48 hours) also feature a long-lasting red strobe (4 lumens for 96 hours)
- Magnetic end cap for a hands-free work light
- Both a holster to be secured on a belt or backpack and removable low-carry pocket clip

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Dimensions</th>
<th>Batteries</th>
<th>Battery Life</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>5613</td>
<td>6.5” L x 1.3” W (16 cm x 3.3 cm)</td>
<td>Lithium-Ion</td>
<td>6’ (1.8 m)</td>
<td>6 ft</td>
</tr>
</tbody>
</table>

Alkaline Headlamp with Silicone Strap

- Anti-slip silicone strap keeps headlamp securely fastened to hard hat
- Strap comes pre-adjusted for quick fit to hard hat
- 45° tilt for varied beam direction to point light where it is needed most

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Lumens</th>
<th>Batteries</th>
<th>Battery Life</th>
<th>Drop Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>56220</td>
<td>Spotlight: 150 Floodlight: 50</td>
<td>3x AAA (included)</td>
<td>Spotlight: 6 hrs Floodlight: 10 hrs</td>
<td>6’ (1.8 m)</td>
</tr>
</tbody>
</table>

Headlamp Bracket with Fabric Strap

- Bracket attaches directly to Klein® headlamps equipped with mounting bracket
- Comfort fabric strap grips to fit comfortably on your head and stays securely on a hardhat or cap
- Includes a marker/carpenter pencil holder

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Overall Length</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>5660</td>
<td>24” (61 cm)</td>
<td>ABS/PC, Silicone Weave in Nylon Elastic Fabric</td>
</tr>
</tbody>
</table>
PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

Breakaway Lanyard for Safety Glasses

- SECURITY: Lanyard with snap design and breakaway force of 3-Pound ensures quick release in case of an emergency
- TOUGH: Synthetic braided fiber design adds strength and long term durability
- CONVENIENCE: Easily adjustable loops allow you to attach to a wide variety of eyewear

Cat. No. Description Color
60177 Breakaway Lanyard for Safety Glasses Black

Hard Hat Earmuffs

- Earmuffs designed for use with Full Brim Hard Hats (60502), Klein Tools Cap Style Hard Hats, and Safety Helmets (60532)
- Noise Reduction Rating (NRR): Full Brim (26dB), Cap Style (27dB), Safety Helmet (26dB)
- Soft foam ear cushions for effective acoustic seal and all-day wear

Cat. No. Description Color
60502 Hard Hat Earmuffs, Full Brim Style Black
60532 Hard Hat Earmuffs for Cap Style and Safety Helmets Black

Safety Glasses Hard Case

- Semi-rigid lightweight construction is built tough to help protect your eyewear from drops, bumps and impacts
- High quality, premium soft interior to ensure safety eyewear does not get scratched
- Designed to hold any model of Klein Tools safety eyewear

Cat. No. Description Color
60176 Safety Glasses Hard Case Black

Foam Earplugs

- Noise Reduction Rating (NRR) of 33 decibels
- Soft foam for comfortable, all-day wear
- Designed to fit a wide range of ear canals
- Disposable and latex-free

Cat. No. Description Color
6054010 Foam Earplugs, 10 pr. (in Resealable Pouch) Orange
6054050 Foam Earplugs, 50 pr. (in Dispenser Box) Orange
PERSONAL PROTECTIVE EQUIPMENT (PPE)

Heavy Duty Knee Pad Sleeves
- Heavy Duty Knee Pad Sleeves can be worn under or over pants for all day wear
- Triple layer protection with interior neoprene foam padding for all-day comfort
- Ergonomically engineered flexible padding with anti-abrasion layer contours to leg shape for ultimate comfort
- Unique design keeps knee pads close to the body for a second-skin fit allowing for agility when working in tight spaces
- Lightweight, breathable mesh back to keep you cool and comfortable
- Elastic cuff with slip-resistant silicone helps knee pads stay in place
- Sold in pairs and offered in three sizes

Cat. No. Description Overall Length Overall Height Overall Width

60615 Heavy Duty Knee Pad Sleeves, S/M 14.6 (37.9 cm) 0.75 (2 cm) 6.9 (17.5 cm)
60611 Heavy Duty Knee Pad Sleeves, M/L 14.6 (37.9 cm) 0.75 (2 cm) 7.7 (19.6 cm)
60611 Heavy Duty Knee Pad Sleeves, L/XL 14.6 (37.9 cm) 0.75 (2 cm) 8.5 (21.6 cm)

Lightweight Knee Pad Sleeves
- Lightweight Knee Pad Sleeves can be worn under or over pants for all day wear
- Flexible EVA knee pad contours to leg shape for seamless comfort
- Unique design keeps knee pads close to the body for a second-skin fit allowing for agility when working in tight spaces
- Lightweight, breathable mesh back to keep you cool and comfortable
- Elastic cuff with slip-resistant silicone helps knee pads stay in place
- Perfect for the jobsite and weekend tasks
- Sold in pairs and offered in three sizes

Cat. No. Description Overall Length Overall Height Overall Width

60614 Lightweight Knee Pad Sleeves, S/M 12.6 (32 cm) 1.6 (4.1 cm) 6.9 (17.5 cm)
60492 Lightweight Knee Pad Sleeves, M/L 12.6 (32 cm) 1.6 (4.1 cm) 7.7 (19.6 cm)
60592 Lightweight Knee Pad Sleeves, L/XL 12.6 (32 cm) 1.6 (4.1 cm) 8.5 (21.6 cm)

Heavy Duty Hinged Knee Pads
- Heavy Duty Hinged Knee Pads contain a gel and foam padded pocket to maximize pressure distribution for all day comfort
- Large knee pad surface provides stability and rounded edges provide agility when moving side to side
- Hinged thigh strap keeps knee pads in place during use
- Adjustable quick-fasten buckle plus hook and loop strap provides secure fit
- Heavy duty stitching, hard plastic, and metal rivets for durability
- Perfect for jobsites that require heavy duty protection for the knees
- Sold in pairs

Cat. No. Description Overall Length Overall Height Overall Width

60491 Heavy Duty Hinged Knee Pads 14.3 (36.3 cm) 5.8 (14.7 cm) 7 (17.8 cm)

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. Description Overall Length Overall Height Overall Width

60184 Tradesman Pro™ Standard Kneeling Pad 6 (15.2 cm) 12 (30.5 cm) 6 (15.2 cm)
60136 Tradesman Pro™ Large Kneeling Pad 10.7 (27.3 cm) 3.5 (8.9 cm) 16 (40.6 cm)

TRADESMAN PRO™ Kneeling Pads
- 1” (2.5 cm) thick, resilient NBR foam protects your knees
- Kneeling pad won’t stay compressed, it bounces back to original form
- Chamfered safety edge with orange stripes provides visual and tactile awareness of edge (Cat. No. 60136)
- Large size allows you to move without moving the pad each time

Cat. No. Description Material Color Overall Length Overall Width Overall Height

60135 Tradesman Pro™ Standard Kneeling Pad NBR Foam Black 21’ (53.3 cm) 1’ (2.5 cm) 14’ (35.6 cm)
60136 Tradesman Pro™ Large Kneeling Pad NBR Foam Black 28’ (71.1 cm) 1’ (2.5 cm) 16’ (40.6 cm)
PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Color</th>
<th>Package Quantity</th>
<th>Special Feature</th>
<th>Size</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>60388</td>
<td>Heavy Knit Hat</td>
<td>Black</td>
<td>1</td>
<td>Extra warmth with heavy knit; vintage Klein Tools logo</td>
<td>One Size Fits Most</td>
<td>10” (25.4 cm)</td>
</tr>
<tr>
<td>60391</td>
<td>Knit Beanie</td>
<td>Black</td>
<td>1</td>
<td>Polar fleece on crown; windproof fabric around ears</td>
<td>One Size Fits Most</td>
<td>11” (27.9 cm)</td>
</tr>
<tr>
<td>60383</td>
<td>Winter Helmet Liner</td>
<td>Black</td>
<td>1</td>
<td>Thermal Insulation; windproof fabric around ears</td>
<td>One Size Fits Most</td>
<td>10” (25.4 cm)</td>
</tr>
<tr>
<td>60568</td>
<td>Heavy Knit Hat</td>
<td>High-Visibility Yellow</td>
<td>1</td>
<td>Extra warmth with heavy knit; Klein Tools patch logo</td>
<td>One Size Fits Most</td>
<td>10” (25.4 cm)</td>
</tr>
<tr>
<td>60569</td>
<td>Heavy Knit Hat</td>
<td>Black</td>
<td>1</td>
<td>Extra warmth with heavy knit; Klein Tools leather logo</td>
<td>One Size Fits Most</td>
<td>10” (25.4 cm)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Color</th>
<th>Package Quantity</th>
<th>Special Feature</th>
<th>Size</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>60546</td>
<td>Cooling Do Rag</td>
<td>High-Visibility Yellow</td>
<td>2</td>
<td>Elastic headband with absorbent terry cloth</td>
<td>One Size Fits Most</td>
<td>10” (25.4 cm)</td>
</tr>
<tr>
<td>60180</td>
<td>Cooling Do Rag</td>
<td>Blue</td>
<td>2</td>
<td>Elastic headband with absorbent terry cloth</td>
<td>One Size Fits Most</td>
<td>10” (25.4 cm)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Standard</th>
<th>Color</th>
<th>Size</th>
<th>Package Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>60185</td>
<td>ANSI A2 Cut Resistance, EN 388: 2015 3432 B</td>
<td>Gray Knit, Black Coating, Orange Cuff Thread</td>
<td>Large (9)</td>
<td>2-Pair</td>
</tr>
<tr>
<td>60186</td>
<td>ANSI/ISEA 105-2016 Cut Level A4; EN 388: 2015 4442 D</td>
<td>High-Visibility Yellow Knit, Black Coating, Orange Cuff Thread</td>
<td>Large (9)</td>
<td>2-Pair</td>
</tr>
</tbody>
</table>

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

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

Winter Thermal Gloves
- Winter gloves constructed with Thinsulate™ lining for protection and warmth in cold weather
- Helps hands stay dry and warm with the water resistant liner
- Maintain dexterity with the synthetic leather palm
- Stretch knit fabric for flexibility through knuckles and fingers

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>60618</td>
<td>Small</td>
</tr>
<tr>
<td>60619</td>
<td>Medium</td>
</tr>
<tr>
<td>60620</td>
<td>Large</td>
</tr>
<tr>
<td>60621</td>
<td>Extra Large</td>
</tr>
</tbody>
</table>

TRADESMAN PRO™ Wire Pulling Gloves
- Touchscreen capability on index finger
- Neoprene wrist closure for comfort
- Great gripping ability
- Slim fit for better dexterity

Leather Work Gloves
- Genuine professional-grade goatskin leather
- Knuckle and finger protection with PVC guards
- EVA foam padding on palms for extra comfort
- Hook and loop closure on cuff strap provides snug fit
- Mesh back for breathability and ergonomic shape for dexterity
PARALLEL JAW GRIP
Wide Range Distribution Grip

- Large opening in the handle accommodates a wide variety of hooks on hoists, winches and tackle blocks
- Holds a wide range of Bare Copper, Aluminum and ACSR cable
- 50% lighter with one handed grip action
- Patent pending design

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Cable Type</th>
<th>Cable Diameter</th>
<th>Hot Latch</th>
<th>Spring</th>
<th>Locking Handle</th>
<th>Jaw Color</th>
<th>Jaw Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>16477-24</td>
<td>EHS</td>
<td>0.162’ to 0.883’ (4.11 to 22.42 mm)</td>
<td>—</td>
<td>•</td>
<td>—</td>
<td>Black</td>
<td>3.3’ (8.4 cm)</td>
<td>2.9 lb (1.3 kg)</td>
</tr>
</tbody>
</table>

CHICAGO™ GRIPS
Bell System B, L, and H — 1628, 1684 and 1692 Series

- All are equipped with chain, toggle and shackle - keeps the grip from falling off of cable

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Cable Type</th>
<th>Cable Diameter</th>
<th>Hot Latch</th>
<th>Spring</th>
<th>Locking Handle</th>
<th>Jaw Type</th>
<th>Jaw Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1684CAT</td>
<td>Aircraft, EHS, Messenger, Guy Strand</td>
<td>0.216’ to 0.55’ (5.54 to 13.97 mm)</td>
<td>—</td>
<td>•</td>
<td>•</td>
<td>Aggressive</td>
<td>5’ (12.7 cm)</td>
<td>6.9 lb (3.12 kg)</td>
</tr>
<tr>
<td>1692-5AT</td>
<td>Steel Strand</td>
<td>0.218’ to 0.55’ (5.54 to 13.97 mm)</td>
<td>—</td>
<td>•</td>
<td>•</td>
<td>Double V</td>
<td>5’ (12.7 cm)</td>
<td>6.6 lb (2.99 kg)</td>
</tr>
</tbody>
</table>

Bare Wire — 1613 Series

- Designed for working with solid and stranded bare wire from 0.06’ (2 mm) to 0.20’ (5.1 mm)
- Lightweight, cost-effective grip
- Single “V” groove jaw

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Cable Type</th>
<th>Cable Diameter</th>
<th>Hot Latch</th>
<th>Spring</th>
<th>Locking Handle</th>
<th>Jaw Type</th>
<th>Jaw Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1619-30</td>
<td>Copper, Steel, ACSR</td>
<td>0.08’ to 0.20’ (2.03 to 5.08 mm)</td>
<td>—</td>
<td>•</td>
<td>•</td>
<td>Single V</td>
<td>3’ (7.6 cm)</td>
<td>1.5 lb (0.7 kg)</td>
</tr>
</tbody>
</table>

STEEL STRAND – HAVEN’™ GRIPS
1604 Series

- Designed for use when light, compact grip is desired and where cable deformation is not a factor
- Gripping pressure of the knurled jaw is applied to 1/4” (6.35 mm) cable area

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Cable Type</th>
<th>Cable Diameter</th>
<th>Hot Latch</th>
<th>Spring</th>
<th>Locking Handle</th>
<th>Jaw Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1604-20</td>
<td>Messenger and Guy Strand</td>
<td>0.125’ to 0.5’ (3.18 to 12.70 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Aggressive</td>
<td>2.2 lb (1.0 kg)</td>
</tr>
</tbody>
</table>

1625 Series

- Designed for use when light, compact grip is desired and where cable deformation is not a factor
- Gripping pressure of the knurled jaw is applied to 1/4” (6.35 mm) cable area
- All 1625 series have a swing latch to help hold cable in the jaw

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Cable Type</th>
<th>Cable Diameter</th>
<th>Hot Latch</th>
<th>Spring</th>
<th>Locking Handle</th>
<th>Jaw Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>162520-114</td>
<td>Wire Rope</td>
<td>0.75’ to 1.25’ (19.05 to 31.75 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Aggressive</td>
<td>3.7 lb (1.7 kg)</td>
</tr>
<tr>
<td>162520-78</td>
<td>Wire Rope</td>
<td>0.58’ to 0.88’ (15.65 to 22.35 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>Aggressive</td>
<td>3.4 lb (1.5 kg)</td>
</tr>
</tbody>
</table>

WIRE PULLING GRIPS WARNINGS

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

Pliers Core features

High-Leverage Lineman’s Pliers

Includes core Pliers features plus:

- 46% greater cutting and gripping power than other plier designs

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Jaw Length</th>
<th>Jaw Width</th>
<th>Jaw Thickness</th>
<th>Knife Length</th>
<th>Handle Color</th>
<th>Handle Finish</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>D213-9NE</td>
<td>1.91&quot;</td>
<td>1.25&quot;</td>
<td>0.625&quot;</td>
<td>0.781&quot;</td>
<td>Dark Blue</td>
<td>Plastic-Dipped</td>
<td>9.33&quot; (23.70 cm)</td>
</tr>
</tbody>
</table>

High-Leverage Diagonal-Cutting Pliers

Includes core Pliers features plus:

- Cleanly strips 12-14 AWG wire

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Jaw Length</th>
<th>Jaw Width</th>
<th>Jaw Thickness</th>
<th>Cutting Knives</th>
<th>Handle Color</th>
<th>Handle Finish</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>D228-8</td>
<td>0.781&quot;</td>
<td>1.25&quot;</td>
<td>0.46&quot;</td>
<td>Standard</td>
<td>Red</td>
<td>Plastic-Dipped</td>
<td>7.98&quot; (20.27 cm)</td>
</tr>
</tbody>
</table>

Side-Cutting Long-Nose Pliers

Includes core Pliers features plus:

- Heavier design for greater cutting power
- Knurled jaws for grabbing and looping wire
- Extended handles provide added reach and greater leverage
- Curved handles provide greater tool control
- Spring-loaded action for self-opening (D203-7)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Jaw Length</th>
<th>Jaw Width</th>
<th>Jaw Thickness</th>
<th>Point Diameter</th>
<th>Knife Length</th>
<th>Handle Color</th>
<th>Handle Finish</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>D203-6</td>
<td>1.969&quot;</td>
<td>0.688&quot;</td>
<td>0.375&quot;</td>
<td>0.094&quot;</td>
<td>0.572&quot;</td>
<td>Yellow</td>
<td>Plastic-Dipped</td>
<td>6.67&quot; (16.94 cm)</td>
</tr>
<tr>
<td>D203-7</td>
<td>2.43&quot;</td>
<td>0.688&quot;</td>
<td>0.375&quot;</td>
<td>0.094&quot;</td>
<td>0.572&quot;</td>
<td>Yellow</td>
<td>Plastic-Dipped</td>
<td>7.17&quot; (18.21 cm)</td>
</tr>
</tbody>
</table>

Standard Diagonal-Cutting Pliers

Includes core Pliers features plus:

- Tapered nose for easy working in confined areas and close tip cutting

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Jaw Capacity</th>
<th>Jaw Capacity</th>
<th>Jaw Capacity</th>
<th>Jaw Capacity</th>
<th>Cutting Knives</th>
<th>Handle Color</th>
<th>Handle Finish</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>D502-6</td>
<td>0.875&quot;</td>
<td>2.2 cm</td>
<td>1.75&quot;</td>
<td>6 cm</td>
<td>Semi-Flush</td>
<td>Red</td>
<td>Plastic-Dipped</td>
<td>6.53&quot; (16.59 cm)</td>
</tr>
</tbody>
</table>

Connector Crimping Pliers

Includes core Pliers features plus:

- Crimps and seats UR/UYUG insulation displacement connectors (IDC) - Scotchlok® type connectors

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Jaw Capacity</th>
<th>Jaw Capacity</th>
<th>Jaw Capacity</th>
<th>Jaw Capacity</th>
<th>Cutting Knives</th>
<th>Handle Color</th>
<th>Handle Finish</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>D234-6</td>
<td>1.085&quot;</td>
<td>2.76 cm</td>
<td>0.688&quot;</td>
<td>0.375&quot;</td>
<td>0.6&quot;</td>
<td>Yellow</td>
<td>Plastic-Dipped</td>
<td>5.86&quot; (14.88 cm)</td>
</tr>
</tbody>
</table>

Scotchlok® is a registered trademark of 3M

Pump Pliers

- Secure tongue and groove design for non-slip grip - even with heavy pressure
- Wide range of versatile jaw positions
- Quick adjust rivet allows one handed, fast and easy adjustment of plier jaws

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Jaw Capacity</th>
<th>Handle Color</th>
<th>Handle Finish</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>D502-6</td>
<td>0.875&quot;</td>
<td>Yellow</td>
<td>Plastic-Dipped</td>
<td>6.53&quot; (16.59 cm)</td>
</tr>
<tr>
<td>D502-10</td>
<td>1.75&quot;</td>
<td>Yellow</td>
<td>Plastic-Dipped</td>
<td>10.02&quot; (25.45 cm)</td>
</tr>
<tr>
<td>D502-12</td>
<td>2.375&quot;</td>
<td>Yellow</td>
<td>Plastic-Dipped</td>
<td>12.19&quot; (30.96 cm)</td>
</tr>
</tbody>
</table>
Multi-Bit Screwdrivers

- On-board storage of industrial strength bits
- Cushion-Grip™ handles for greater torque and maximum control
- Available in adjustable length and ratcheting models
- Collar on Cat. No. 32305 sets ratchet direction at forward, fixed and review

---

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Nut Driver Sizes</th>
<th>Phillips Bits</th>
<th>Slotted Bits</th>
<th>Square Bits</th>
<th>Combo Bits</th>
<th>TORX® Bits</th>
<th>Shank Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>32305</td>
<td>15-in-1 Ratcheting</td>
<td>1/4&quot;</td>
<td>#0, #1,</td>
<td>1/4&quot; (6.4 mm)</td>
<td>#1, #2</td>
<td>T10, T15,</td>
<td>3.5&quot; (8.9 cm)</td>
<td>8.7&quot; (22 cm)</td>
<td></td>
</tr>
<tr>
<td>32308</td>
<td>8-in-1 Adjustable Length Stubby</td>
<td>1/4&quot;</td>
<td>#1, #2, #3</td>
<td>1/4&quot; (6.4 mm)</td>
<td>#1, #2</td>
<td>—</td>
<td>—</td>
<td>1&quot; to 2.75&quot; (2.5 to 7 cm)</td>
<td>4.81&quot; (12.2 cm)</td>
</tr>
</tbody>
</table>

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*TORQ-SET® is a registered trademark of Phillips Screw Co; TORX® is a registered trademark of Acument Intellectual Properties, LLC.

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Multi-Bit Screwdriver/Nut Drivers

- Integrated screwdriver/nut driver shaft holds popular tips and converts nut driver sizes, with comfortable Cushion-Grip™ handle
- Cat. No. 32500MAG features strong, Rare-Earth magnets to securely hold bits and fasteners
- Cat. Nos. 32561 compact design features standard 1-1/4" (3.2 cm) shaft allowing easy access to tight work spaces

---

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Nut Driver Sizes</th>
<th>Phillips Bits</th>
<th>Slotted Bits</th>
<th>Square Bits</th>
<th>TORX® Bits</th>
<th>Shank Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>32500</td>
<td>11-in-1</td>
<td>3/8&quot;, 5/16&quot;, 1/4&quot;</td>
<td>#1, #2</td>
<td>1/4&quot; (6.4 mm)</td>
<td>#1, #2</td>
<td>T10, T15,</td>
<td>3&quot; (7.6 cm)</td>
<td>7.25&quot; (18.4 cm)</td>
</tr>
<tr>
<td>32500MAG</td>
<td>11-in-1 Magnetic</td>
<td>3/8&quot;, 5/16&quot;, 1/4&quot;</td>
<td>#1, #2</td>
<td>1/4&quot; (6.4 mm)</td>
<td>#1, #2</td>
<td>T10, T15,</td>
<td>3&quot; (7.6 cm)</td>
<td>7.8&quot; (19.8 cm)</td>
</tr>
<tr>
<td>32500HD</td>
<td>11-in-1 Impact Rated Driver</td>
<td>1/2&quot;, 3/8&quot;, 5/16&quot;, 1/4&quot;</td>
<td>#1, #2</td>
<td>1/4&quot; (6.4 mm)</td>
<td>#1, #2</td>
<td>T25</td>
<td>3.63&quot; (9.2 cm)</td>
<td>8&quot; (20.3 cm)</td>
</tr>
<tr>
<td>32477</td>
<td>10-in-1</td>
<td>5/16&quot;, 1/4&quot;</td>
<td>#1, #2</td>
<td>1/4&quot; (6.4 mm)</td>
<td>#1, #2</td>
<td>T10, T15,</td>
<td>4&quot; (10.2 cm)</td>
<td>7.75&quot; (19.7 cm)</td>
</tr>
<tr>
<td>32561</td>
<td>6-in-1 Stubby</td>
<td>1/4&quot;, 5/16&quot;</td>
<td>#1, #2</td>
<td>1/4&quot; (6.4 mm)</td>
<td>#1, #2</td>
<td>—</td>
<td>1.266&quot; (3.2 cm)</td>
<td>3.25&quot; (8.3 cm)</td>
</tr>
</tbody>
</table>

---

Cat. No. Description Nut Driver Sizes Phillips Bits Slotted Bits Square Bits Shank Length Overall Length
---
32807MAG 7-in-1 1/4", 5/16", 11/32", 3/8", 1/2", 7/16", 9/16" 4" (10.2 cm) 9.54" (24.2 cm) 32807MAG

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Heavy-Duty Multi-Bit Nut Drivers

- Multiple sizes in one convenient tool
- Heavy-duty handle and shaft exceed the torque performance of regular nut drivers
- Strong, Rare-Earth magnets securely hold nuts and bolts (Cat. No. 32807MAG)
- Wrench-assist feature for added torque
- Hollow-shafts accommodate long bolts
- Color-coded band for easy identification

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INSULATED SCREWDRIVERS & NUT DRIVERS

Klein insulated tools meet or exceed the IEC 60900:2018 and ASTM F-1505-16 standards, for insulated tools, and are clearly marked with the official 1000-volt rating symbol

1000 V

All Klein Insulated Tools have orange impact and flame resistant insulation that protects from electric shock

FORGED STEEL
from Klein's US-made proprietary blend

Durable, two layer, molded insulation is unique to Traditional Klein Insulated Tools

Traditional Klein Insulated Tools house thick, exceptionally tough, high-dielectric white inner coating that is bonded to the tool

Cushion-Grip™ handles for greater torque and comfort

Tip-Ident™ quickly identifies size

Slim-tip Insulated Tools allow greater access into tight spaces

MADE IN USA

www.kleintools.com > 800-553-4676
### Insulated Screwdrivers

Includes core insulated screwdriver features plus:
- Klein's profilated Phillips provides a more consistent geometric symmetry than conventional Phillips screwdrivers
- Square-Recess tips are perfect for electrical, telephone and work in recessed holes and other tight spaces
- Clearly marked with the official 1000-Volt rating symbol
- Handle and blade have a 1000V insulation rating
- Tip sits flush with the tip helping to reduce insulation for insulation protection from electric shock
- 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
- A layer of orange impact and flame resistant insulation protects from electric shock
- Meet or exceed ASTM F1505 standards for insulation

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Tip Type</th>
<th>Shank Type</th>
<th>Shank Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>6916INS</td>
<td>#1 Square</td>
<td>Round</td>
<td>4' (10.2 cm)</td>
<td>6.315’ (21.1 cm)</td>
</tr>
<tr>
<td>6917INS</td>
<td>#1 Square</td>
<td>Round</td>
<td>7’ (17.8 cm)</td>
<td>11.315’ (28.7 cm)</td>
</tr>
<tr>
<td>6924INS</td>
<td>#2 Square</td>
<td>Round</td>
<td>4’ (10.2 cm)</td>
<td>8.315’ (21.1 cm)</td>
</tr>
<tr>
<td>6927INS</td>
<td>#2 Square</td>
<td>Round</td>
<td>7’ (17.8 cm)</td>
<td>11.315’ (28.7 cm)</td>
</tr>
<tr>
<td>6936INS</td>
<td>Phillips</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
<tr>
<td>6934INS</td>
<td>Square</td>
<td>Round</td>
<td>4’ (10.2 cm)</td>
<td>8.315’ (21.1 cm)</td>
</tr>
<tr>
<td>6935INS</td>
<td>Square</td>
<td>Round</td>
<td>7’ (17.8 cm)</td>
<td>11.315’ (28.7 cm)</td>
</tr>
<tr>
<td>6938INS</td>
<td>Phillips</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
<tr>
<td>6936INS</td>
<td>Phillips</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
<tr>
<td>6935INS</td>
<td>Square</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
<tr>
<td>6945INS</td>
<td>Square</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
</tbody>
</table>

### Insulated Slim-Tip Screwdrivers

Includes core insulated screwdriver features plus:
- Clearly marked with the official 1000-Volt rating symbol
- 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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Tip Type</th>
<th>Shank Type</th>
<th>Shank Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>6916INS</td>
<td>#1 Square</td>
<td>Round</td>
<td>4’ (10.2 cm)</td>
<td>6.315’ (21.1 cm)</td>
</tr>
<tr>
<td>6917INS</td>
<td>#1 Square</td>
<td>Round</td>
<td>7’ (17.8 cm)</td>
<td>11.315’ (28.7 cm)</td>
</tr>
<tr>
<td>6924INS</td>
<td>#2 Square</td>
<td>Round</td>
<td>4’ (10.2 cm)</td>
<td>8.315’ (21.1 cm)</td>
</tr>
<tr>
<td>6927INS</td>
<td>#2 Square</td>
<td>Round</td>
<td>7’ (17.8 cm)</td>
<td>11.315’ (28.7 cm)</td>
</tr>
<tr>
<td>6936INS</td>
<td>Phillips</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
<tr>
<td>6934INS</td>
<td>Square</td>
<td>Round</td>
<td>4’ (10.2 cm)</td>
<td>8.315’ (21.1 cm)</td>
</tr>
<tr>
<td>6935INS</td>
<td>Square</td>
<td>Round</td>
<td>7’ (17.8 cm)</td>
<td>11.315’ (28.7 cm)</td>
</tr>
<tr>
<td>6938INS</td>
<td>Phillips</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
<tr>
<td>6936INS</td>
<td>Phillips</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
<tr>
<td>6935INS</td>
<td>Square</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
<tr>
<td>6945INS</td>
<td>Square</td>
<td>Round</td>
<td>6’ (15.2 cm)</td>
<td>10.315’ (26.2 cm)</td>
</tr>
</tbody>
</table>

### Interchangeable Insulated Screwdrivers

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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Tip Size</th>
<th>Shank Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>32286</td>
<td>Insulated Flip-Blade</td>
<td>1 Phillips &amp; 3/16&quot; (4.8 mm) Slotted</td>
<td>3.5&quot; (8.9 cm)</td>
<td>8.2&quot; (20.8 cm)</td>
</tr>
<tr>
<td>32287</td>
<td>Insulated Flip-Blade</td>
<td>#1, #2 Square Slotted</td>
<td>3.5&quot; (8.9 cm)</td>
<td>8.2&quot; (20.8 cm)</td>
</tr>
<tr>
<td>32293</td>
<td>Insulated Flip-Blade</td>
<td>#2 Phillips &amp; 1/4&quot; (6.4 mm) Slotted</td>
<td>3.5&quot; (8.9 cm)</td>
<td>8.2&quot; (20.8 cm)</td>
</tr>
<tr>
<td>13156</td>
<td>Single-Ended Replacement Blade, 2-Pack</td>
<td>Phillips &amp; 1/4&quot; (6.4 mm) Slotted</td>
<td>3.5&quot; (8.9 cm)</td>
<td>7.5&quot; (19.3 cm)</td>
</tr>
<tr>
<td>13157</td>
<td>Double-Ended Replacement Blade, 3-Pack</td>
<td>Phillips &amp; 3/16&quot; (4.8 mm) Slotted, #1 Phillips &amp; 1/4&quot; (6.4 mm) Slotted, #1, #2 Square</td>
<td>3.5&quot; (8.9 cm)</td>
<td>7.48&quot; (19.0 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Tip Size</th>
<th>Shank Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>32288</td>
<td>Interchangeable Screwdriver Set</td>
<td>Phillips &amp; 3/16&quot; (4.8 mm) Slotted</td>
<td>3.5&quot; (8.9 cm)</td>
<td>7.48&quot; (19.0 cm)</td>
</tr>
</tbody>
</table>
WRENCHES & FLIP SOCKETS

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
- Bright yellow socket for easy visibility
- Works on most common utility pole hardware, such as lag bolts, “C” clamps and suspension bolts
- Side ridges that provide a better grip (Cat. Nos. KT151T and KT152T)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Square Bits</th>
<th>Hex Bits</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>KT151T</td>
<td>4-in-1 Lineman’s Ratcheting Wrench</td>
<td>3/4&quot;, 13/16&quot;, 1&quot;, 1-1/8&quot;</td>
<td>—</td>
<td>13&quot; (33 cm)</td>
</tr>
<tr>
<td>KT152T</td>
<td>4-in-1 Lineman’s Slim Ratcheting Wrench</td>
<td>3/4&quot;, 13/16&quot;, 1&quot;, 1-1/8&quot;</td>
<td>—</td>
<td>13.25&quot; (33.7 cm)</td>
</tr>
</tbody>
</table>

Impact Flip Sockets

- Easy-to-use flip feature allows for quick changes between Penta and Hex socket sizes
- Multi-function 1/4" socket has both shallow (driver) and deep (bit holder) configurations for added versatility
- Powerful Rare-Earth magnet securely holds bits and hex head fasteners
- Detachable sockets allow for easy removal of metal shavings from magnet
- Features 1/4" Quick-Connect adapter for easy use with an impact driver

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Hex Sizes Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>32907</td>
<td>7-in-1 Impact Flip Socket - No Handle</td>
<td></td>
</tr>
<tr>
<td>32768</td>
<td>3-in-1 Impact Flip Socket Set</td>
<td>1/4&quot;, 5/16&quot;</td>
</tr>
</tbody>
</table>

Impact Flip Sockets

- Easy-to-use flip feature allows for quick changes between Penta and Hex socket sizes
- Includes two of the most common socket sizes (13/16" Penta and 3/4" Hex) in one tool
- 5-Point, 13/16" Penta socket works with security bolts commonly used in underground distribution work
- 6-Point, 3/4" Hex socket is easier to position
- Deep well socket with 1/2" drive works great for hardware installation and removal
- 1/2 to 1/2" square adapter has a black manganese phosphate finish for rust resistance
- Includes a ball detent that helps prevent unintentional separation of adapter and socket
- Socket engineered for use with impact drivers including Klein’s 1/2” Compact Impact Wrench (Cat. Nos. BAT20CW, BAT20CW1)

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Socket Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>66800</td>
<td>Penta/Hex Flip Socket</td>
<td>13/16&quot; Penta (5 point), 3/4&quot; Hex (6 point), 1/2&quot; to 1/2&quot; Adapter</td>
</tr>
</tbody>
</table>
Hammers

**Electrician’s Hammers**
- H807-18 features an engineered claw pulling feature for NMB (Romex®) staple removal

**Straight-Claw Hammers**
- Straight-claw design for easy nail pulling in tight quarters
- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck
- High-strength fiberglass shaft absorbs shock and keeps head tight

**Non-Sparking Hammers**
- Brass-head hammers are non-sparking, non-marring
- Large sweep at base prevents loss of grip
- Head is securely epoxied to prevent detachment
- Fiberglass handle includes TPR overmold for extra comfort and shock absorption
- Built-in overstrike protector absorbs shock and vibration when overstrike occurs

**Dead Blow Hammers**
- Durable, abrasion resistant non-marring hammer face
- Increased striking force with zero impact rebound
- Design isolates user from striking impact and reduces fatigue
- 40% more driving power than other dead blow hammers

**Brass Sledge Hammers**
- Used in non-sparking environments or to avoid damage to struck objects
- Head forged from brass for softer, non-damaging blow
- Head is pinned to handle as well as epoxied to prevent head coming off
- Comfortable, thick rubber grip handle for increased protection from shock and vibration
- Handle includes both overstrike protection and large sweep at base to prevent loss of grip

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Feature</th>
<th>Head Weight</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>819-03</td>
<td></td>
<td></td>
<td>3.0 lb (1.4 kg)</td>
<td>15.75&quot; (39.5 cm)</td>
</tr>
<tr>
<td>819-04</td>
<td></td>
<td></td>
<td>4.0 lb (1.8 kg)</td>
<td>15.75&quot; (39.5 cm)</td>
</tr>
</tbody>
</table>

**Lineman’s 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
- Lighter 26-oz. head compared to the traditional 32-oz. hammer

**Lineman’s Straight-Claw Hammer**
- Heavy-duty, double-duty hammer drives lags and pulls large nails
- Straight-grain hickory handle, lacquered to withstand weather
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw

**Lineman’s Double-Face Hammers**
- Designed for pole-line work
- Rugged and well-balanced, with the weight to drive lag bolts
- Faces with 1-3/4" (4.4 cm) round-crowned driving surface and beveled edges
- One milled face for driving staples used in pole-line work and common, unhardened nails (Cat. No. 809-36MF)
- Forged, tempered-steel head is only 3-3/4" (9.5 cm) long for use in tight areas

**Lineman’s Claw Milled Hammer**
- Large head for driving in staples and lag bolts
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<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Feature</th>
<th>Head Weight</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>809-36</td>
<td>Double-Face</td>
<td></td>
<td>36 oz (1021 g)</td>
<td>14&quot; (35.5 cm)</td>
</tr>
<tr>
<td>809-36MF</td>
<td>Milled-Face</td>
<td></td>
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<tr>
<td>809-36MF</td>
<td>Milled-Face</td>
<td></td>
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</table>

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<thead>
<tr>
<th>Cat. No.</th>
<th>Type</th>
<th>Feature</th>
<th>Head Weight</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>811-16</td>
<td></td>
<td></td>
<td>16 oz (454 g)</td>
<td>12.8&quot; (32.5 cm)</td>
</tr>
<tr>
<td>811-32</td>
<td></td>
<td></td>
<td>32 oz (907 g)</td>
<td>14.8&quot; (38 cm)</td>
</tr>
</tbody>
</table>
LEVELS & MEASURING

Billet Aluminum Torpedo Levels
- Patented magnet track keeps powerful Rare-Earth magnets in place
- Cat. No. 935RBLT features large, easy to read LED high-definition vials for any lighting condition, a 3-minute auto-shut-off to save battery life, and is water and impact resistant

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Number of Vials</th>
<th>Type of Vials</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>935RBLT</td>
<td>3</td>
<td>0°, 90°, 45°</td>
<td>9&quot; (22.9 cm)</td>
</tr>
<tr>
<td>935RB</td>
<td>4</td>
<td>0°, 90°, 45°, 30°</td>
<td>8&quot; (20.3 cm)</td>
</tr>
</tbody>
</table>

Digital Angle Gauge and Level
- This Digital Angle Gauge and Level can measure or set angles, check relative angles, or can be used as a digital level
- High visibility reverse contrast display improves visibility in dimly lit work environments
- Strong magnetic base attaches to conduit, pipes, saw blades, vents, ducts, and other ferromagnetic surfaces
- V-Groove edges enable optimal alignment on conduit and pipes for bending and alignment
- 0° to 90° and 0° to 180° measurement ranges facilitate multiple and diverse applications
- 0° to 180° range is useful when accounting for kickback in pipe bending applications when bending to 90° or more
- Display auto-rotates when upside-down for easy viewing
- Water and dust resistant with rating of IP42
- Soft carrying case and 2 x AAA batteries included
- Optional Plumber’s Kit (Cat. No. 69346) allows the level to be used with PVC and other non-magnetic pipes and conduit, up to 6” of outer diameter

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Accuracy</th>
<th>Overall Height</th>
<th>Overall Width</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>935DAG</td>
<td>±0.1° from 0° to 1°, 89° to 91°, 179° to 180°; ±0.2° at All Other Angles</td>
<td>2.2” (5.6 cm)</td>
<td>1.2” (3 cm)</td>
<td>2.36” (6 cm)</td>
</tr>
</tbody>
</table>

Tape Measures
- Heavy-Duty nylon coating protects blade printing
- Super-sized back clip holds securely to wide belts and extends into pockets
- Printing with centimeters and inches (Cat. No. 9375)
- Cat. No. 9125 has one-sided printing

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Tape Length</th>
<th>Hook</th>
<th>Magnetic</th>
<th>Overall Width</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>9125</td>
<td>25” (7.6 m)</td>
<td>Single</td>
<td>No</td>
<td>2.35” (6 cm)</td>
<td>3.43” (8.7 cm)</td>
</tr>
<tr>
<td>9216</td>
<td>16” (4.9 m)</td>
<td>Double</td>
<td>Yes</td>
<td>2.35” (6 cm)</td>
<td>3.07” (8 cm)</td>
</tr>
<tr>
<td>9225</td>
<td>25” (7.6 m)</td>
<td>Double</td>
<td>Yes</td>
<td>2.35” (6 cm)</td>
<td>3.43” (8.7 cm)</td>
</tr>
<tr>
<td>9230</td>
<td>30” (9.1 m)</td>
<td>Double</td>
<td>Yes</td>
<td>2.35” (6 cm)</td>
<td>3.8” (9.7 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Metric and Imperial</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>9375</td>
<td>7.5 m (25’)</td>
<td>3.43” (8.7 cm)</td>
</tr>
</tbody>
</table>

WARNING:
- Protect hands when cleaning magnetic tip end. Use gloves or cloth.
- Avoid magnetic contact with sensitive electronic or computer equipment.
- To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case.
- Do NOT open case. Spring motor is under tension, and opening case may cause injury.
Jab Saws
- Cuts drywall, wallboard, plywood and plastic and other construction materials
- Faster cutting blade with triple ground teeth and ability to cut in both directions (push and pull)
- Folding Jab Saw (Cat. No. 31737) is as sturdy as fixed blade jab saws, with a lockback mechanism to secure the blade open at 125° and fully open at 180°
- Hardened, carbon-steel blade for durability
- Hardened, beveled blade point for scoring and plunge cuts
- Comfort cushioned grip handle
- Flat-end grip for palming or punching through drywall

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Blade Length</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>31737</td>
<td>Folding Jab Saw</td>
<td>5.2” (13.2 cm)</td>
<td>11.9” (30.3 cm)</td>
</tr>
<tr>
<td>725</td>
<td>Jab Saw</td>
<td>6” (15.2 cm)</td>
<td>12” (30.5 cm)</td>
</tr>
</tbody>
</table>

**WARNING:** Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury. Check local law on legality of selling, possessing, or carrying these knives.

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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Special Features</th>
<th>Blade Length</th>
<th>Blade Material</th>
<th>Handle Color</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>44218</td>
<td>Replaceable Blade Knife</td>
<td>2.5” (6.4 cm)</td>
<td>440A Stainless Steel</td>
<td>Orange/Black</td>
<td>7.75” (19.8 cm)</td>
</tr>
</tbody>
</table>

**Replacement Blades**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Blade Length</th>
<th>Blade Type</th>
<th>Package Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>44219</td>
<td>2.5” (6.4 cm)</td>
<td>Hawkbill</td>
<td>3</td>
</tr>
<tr>
<td>44138</td>
<td>2.0” (4.9 cm)</td>
<td>Coping</td>
<td>3</td>
</tr>
</tbody>
</table>

Reciprocating Saw Blades
- Bi-metal blades offer different cutting applications of steel and wood
- Bi-metal construction for long cutting life
- Heat and wear resistant
- Shock resistant teeth resist strippage
- 1/2” universal shank to fit all popular reciprocating saw tools
- Made in USA

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Application</th>
<th>Teeth Per Inch</th>
<th>Blade Length</th>
<th>Blade Width</th>
<th>Blade Thickness</th>
<th>Package Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>31716</td>
<td>Wood with Nails</td>
<td>6</td>
<td>6” (15.2 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.050” (1.27 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31751</td>
<td>Wood, Wood with Nails</td>
<td>6</td>
<td>9” (22.9 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.050” (1.27 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31761</td>
<td>Wood with Nails</td>
<td>6</td>
<td>12” (30.5 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.050” (1.27 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31731</td>
<td>Wood with Nails, Heavy Gauge Metals</td>
<td>10/14</td>
<td>6” (15.2 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.050” (1.27 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31741</td>
<td>Wood with Nails, Heavy Gauge Metals</td>
<td>10/14</td>
<td>8” (20.3 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.050” (1.27 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31727</td>
<td>Heavy Gauge Metals</td>
<td>14</td>
<td>6” (15.2 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.035” (0.89 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31755</td>
<td>Heavy Gauge Metals</td>
<td>14</td>
<td>9” (22.9 cm)</td>
<td>1” (2.5 cm)</td>
<td>0.042” (1.07 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31728</td>
<td>Heavy Gauge Metals</td>
<td>18</td>
<td>6” (15.2 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.035” (0.89 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31739</td>
<td>Heavy Gauge Metals</td>
<td>18</td>
<td>8” (20.3 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.035” (0.89 mm)</td>
<td>5</td>
</tr>
<tr>
<td>31734</td>
<td>18 Gauge and Under</td>
<td>24</td>
<td>6” (15.2 cm)</td>
<td>0.75” (1.9 cm)</td>
<td>0.035” (0.89 mm)</td>
<td>5</td>
</tr>
</tbody>
</table>

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

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Double-Fluted High-Speed Step Drill Bits

- Two flutes cut faster and keep bit cooler
- Easy-to-read silver step rings save time when drilling common holes
- Fast-starting, non-walking drill tip
- Thick, extra-long 3/8” hex shank provides a firm, positive grip in the drill and won’t spin out

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Quick Reference</th>
<th>Number of Holes</th>
<th>Increment</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>KTSB01</td>
<td>#1</td>
<td>13</td>
<td>1/32” (0.8 mm)</td>
<td>1/8” to 1/2” (3.2 to 12.7 mm)</td>
</tr>
<tr>
<td>KTSB03</td>
<td>#3</td>
<td>9</td>
<td>1/16” (1.6 mm)</td>
<td>1/4” to 3/4” (6.4 to 19.1 mm)</td>
</tr>
<tr>
<td>KTSB11</td>
<td>#11</td>
<td>2</td>
<td>—</td>
<td>7/8” to 1-1/8” (22.2 to 28.6 mm)</td>
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<tr>
<td>KTSB14</td>
<td>#14</td>
<td>12</td>
<td>1/16” (1.6 mm)</td>
<td>3/16” to 7/8” (4.8 to 22.2 mm)</td>
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<tr>
<td>KTSB15</td>
<td>#15</td>
<td>3</td>
<td>—</td>
<td>7/8” to 1-3/8” (22.2 to 34.9 mm)</td>
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</tbody>
</table>

VACO® Step Drill Bits

- Step Drill Bit has 2 spiral flutes to remove chips and help pull the bit through material for faster cutting
- Titanium nitride coating dissipates heat for longer bit life
- 1/4” hex shank for firm, positive grip in impact driver and standard drill
- Split point tip quickly starts hole cuts and prevents drifting when pressure is added
- Laser-etched hole size markings for quick size identification
- For use on steel (up to 16 gauge), wood, plastic, and aluminum

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Holes</th>
<th>Increment</th>
<th>Hole Size Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>25960</td>
<td>VACO Step Drill Bit</td>
<td>3</td>
<td>—</td>
<td>7/8” to 1-3/8” (22.2 to 34.9 mm)</td>
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<tr>
<td>25961</td>
<td>VACO Step Drill Bit</td>
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<td>7/8” to 1-1/8” (22.2 to 28.6 mm)</td>
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<tr>
<td>25962</td>
<td>VACO Step Drill Bit</td>
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<td>1/16” (1.6 mm)</td>
<td>3/16” to 7/8” (4.8 to 22.2 mm)</td>
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<tr>
<td>25963</td>
<td>VACO Step Drill Bit</td>
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<td>1/16” (1.6 mm)</td>
<td>1/4” to 3/4” (6.4 to 19.1 mm)</td>
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<tr>
<td>25964</td>
<td>VACO Step Drill Bit</td>
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<td>1/32” (0.8 mm)</td>
<td>1/8” to 1/2” (3.2 to 12.7 mm)</td>
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Kits

<table>
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<th>Cat. No.</th>
<th>Description</th>
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<tr>
<td>25950</td>
<td>VACO 4-Piece All Purpose Step Drill Bit</td>
<td>Cat. Nos. 25960, 25962, 25963, 25964, 1 oz. Bottle Cutting Oil, and Hard Carry Case</td>
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<tr>
<td>25951</td>
<td>VACO 3-Piece Electrician’s Step Drill Bit</td>
<td>Cat. Nos. 25960, 25961, 25962, 1 oz. Bottle Cutting Oil, and Hard Carry Case</td>
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</tbody>
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Ship-Augur Bits with Screw Point

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

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Bit Diameter</th>
<th>Twist Length</th>
<th>Overall Length</th>
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</thead>
<tbody>
<tr>
<td>53402</td>
<td>3/4” (1.9 cm)</td>
<td>4” (10.2 cm)</td>
<td>6” (15.2 cm)</td>
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<tr>
<td>53404</td>
<td>7/8” (2.2 cm)</td>
<td>4” (10.2 cm)</td>
<td>6” (15.2 cm)</td>
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<tr>
<td>53406</td>
<td>1” (2.5 cm)</td>
<td>4” (10.2 cm)</td>
<td>6” (15.2 cm)</td>
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<tr>
<td>53408</td>
<td>1-1/8” (2.9 cm)</td>
<td>4” (10.2 cm)</td>
<td>6” (15.2 cm)</td>
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</table>
**Ironworker and Welder Backpack**

- Exterior 1680d ballistic weave and leatherette materials meet NFPA701 standards for flame resistance
- Carry a welding helmet and hard hat at the same time
- Custom straps to hold two 18” spud wrenches
- Pocket for a hammer up to 6 lb (2.7 kg) with a 16” (40.6 cm) handle
- Exterior water bottle pocket
- Room to fit additional tools, gear and safety equipment inside
- Front welding helmet pocket is removable and adjustable

**Rolling Tool Backpack**

- Converts from a backpack to a rolling tool bag by extending the telescoping handle and stowing the shoulder straps behind the back padding
- Telescoping handle positioned on sides of bag for stability when maneuvering around corners
- Water-resistant 1680d ballistic weave material
- Attach Klein Tools headlamps (not included) to headlamp bracket to illuminate bag’s interior or work area
- Hard molded front pocket helps protect phones and safety glasses
- 3” heavy-duty wheels transport tools over various terrain

**PowerBox 1**

- Powerful magnets for attaching to metal job boxes, workbenches, and more
- Integrated LED lights brightens up any job box to locate stored tools, batteries, and cords
- Four 120V AC outlets, two USB-A ports and one 45W PD capable USB-C port for fast charging of cell phones, laptops, and other compatible devices
- Built-in surge protection with LED indicator to protect your equipment from electrical spikes
- Durable, 5’ power cord for flexible mounting across job box or elsewhere

**Rechargeable Clamping Fan**

- Personal indoor/outdoor fan has multiple mounting options perfect for the job site
- Arm base rotates and cage spins 360° to aim airflow in any direction
- Two powerful magnets, and a hang hole are incorporated into the base for mounting
- Base forms a strong clamp for attaching to studs/conduit or place on flat surface
- Features two long-lasting fan modes: Low for 12 hours; High for 5 hours (Cat No. PJSF2)
Features

- Auto-ranging
- True root mean square (TRMS)
- Reverse contrast display
- AC/DC voltage
- AC/DC current
- Resistance
- Continuity
- Temperature
- Capacitance
- Frequency
- Low impedance functionality
- LCD Lead Alert function

- Instruction Manual
- Test Leads with CATIII/CAT IV safety caps
- Thermocouple (2) AAA Batteries
- Carrying Case

Standard

- CAT IV 600V CAT III 1000V
- CAT III 600V CAT III 600V CAT III 600V

Overall Length

- 6.94" (17.6 cm) 6.49" (16.5 cm) 6.00" (15.2 cm) 6.41" (16.2 cm)

Overall Width

- 3.37" (8.5 cm) 3.14" (8.0 cm) 3.16" (8 cm) 3.13" (7.9 cm)

Overall Depth

- 1.88" (4.7 cm) 1.09" (2.8 cm) 1.76" (4.5 cm) 1.83" (4.6 cm)

Weight

- 12.17 oz (345 g) 9.1 oz (258 g) 8.15 oz (231 g) 8.82 oz (250 g)
# Clamp Meters

<table>
<thead>
<tr>
<th>Model</th>
<th>Jaw Size</th>
<th>Overall Width</th>
<th>Overall Height</th>
<th>Weight</th>
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<td>CL900</td>
<td>2.00&quot; (5 cm)</td>
<td>3.90&quot; (9.9 cm)</td>
<td>1.70&quot; (4.3 cm)</td>
<td>17.6 oz (499 g)</td>
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<tr>
<td>CL800</td>
<td>1.38&quot; (3.5 cm)</td>
<td>3.81&quot; (9.7 cm)</td>
<td>1.55&quot; (3.9 cm)</td>
<td>12.5 oz (354 g)</td>
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<tr>
<td>CL700</td>
<td>1.38&quot; (3.5 cm)</td>
<td>3.81&quot; (9.7 cm)</td>
<td>1.55&quot; (3.9 cm)</td>
<td>11.8 oz (335 g)</td>
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<tr>
<td>CL600</td>
<td>1.25&quot; (3.2 cm)</td>
<td>3.77&quot; (9.6 cm)</td>
<td>1.59&quot; (4.0 cm)</td>
<td>12.5 oz (355 g)</td>
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<td>CL445</td>
<td>1.6&quot; (4.1 cm)</td>
<td>3.5&quot; (8.9 cm)</td>
<td>1.5&quot; (3.8 cm)</td>
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<td>1.6&quot; (4.1 cm)</td>
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<td>CL220</td>
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<td>11 oz (314 g)</td>
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</tbody>
</table>

- **Auto-ranging**
- **True root mean square (TRMS)**
- **2000A AC/DC current**
- **AC/DC voltage**
- **Resistance**
- **Continuity**
- **Frequency**
- **Duty cycle**
- **Capacitance**
- **Tests diodes**
- **Low Impedance (LoZ) mode**
- **Inrush Current**
- **Non-Contact Voltage Testing**
- **2 x AAA Batteries**
- **Safety caps**
- **CA TIII/CAT IV**
- **Instruction Manual**
- **Carry Case**
- **Right-angle Input**
- **Test Leads with CAT III/CAT IV safety caps**
- **K-Type Thermocouple**
- **Storage Pouch**
- **Instruction Manual**
- **2 x AAA Batteries**
- **3 x AAA Batteries**
- **Auto-ranging**
- **True root mean square (TRMS)**
- **600A AC current**
- **AC/DC voltage**
- **DC Microamps**
- **DC Millivols**
- **Resistance**
- **Continuity**
- **Frequency**
- **Duty cycle**
- **Capacitance**
- **Tests diodes**
- **Inrush Current**
- **Non-Contact Voltage Testing**
- **3 x AAA Batteries**
- **CA TIII/CAT IV**
- **Instruction Manual**
- **Carry Case**
- **Instruction Manual**
- **Test Leads with CAT III/CAT IV safety caps**
- **Thermocouple**
- **Instruction Manual**
- **3 x AAA Batteries**
- **Auto-ranging**
- **True root mean square (TRMS)**
- **400A AC current**
- **AC/DC voltage**
- **DC Microamps**
- **DC Millivols**
- **Resistance**
- **Continuity**
- **Frequency**
- **Duty cycle**
- **Capacitance**
- **Tests diodes**
- **Temperature**
- **Non-Contact Voltage Testing**
- **3 x AAA Batteries**
- **CA TIII/CAT IV**
- **Instruction Manual**
- **Carry Case**
- **Instruction Manual**
- **Test Leads with CAT III/CAT IV safety caps**
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- **3 x AAA Batteries**
- **Auto-ranging**
- **True root mean square (TRMS)**
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- **AC/DC voltage**
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- **Continuity**
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- **Duty cycle**
- **Capacitance**
- **Tests diodes**
- **Temperature**
- **Non-Contact Voltage Testing**
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- **Carry Case**
- **Instruction Manual**
- **Test Leads with CAT III/CAT IV safety caps**
- **Thermocouple**
- **Instruction Manual**
- **3 x AAA Batteries**
<table>
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<th>FEATURES</th>
<th>CL900</th>
<th>CL800</th>
<th>CL700</th>
<th>CL600</th>
<th>CL445</th>
<th>CL390</th>
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<th>CL220</th>
<th>CL120</th>
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</tbody>
</table>
### CLAMP METERS

**CL360**
- Auto-ranging
- True root mean square (TRMS)
- 200A AC current
- AC/DC voltage
- Resistance
- Continuity
- Non-Contact Voltage Testing

**CL150**
- True root mean square (TRMS)
- 3000A AC current
- Data Hold
- Max/Min

<table>
<thead>
<tr>
<th>Included</th>
<th>CL360</th>
<th>CL150</th>
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<tbody>
<tr>
<td>Carrying Case</td>
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<tr>
<td>Instruction Manual</td>
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<tr>
<td>Test Leads with CATIII/CAT IV safety caps</td>
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<td>2 x AAA Batteries</td>
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</table>

| Jaw and Housing           | CAT IV 600V/CAT III 1000V                  | CAT IV 600V, CAT III 1000V                |
| Electrical                | CAT III 600V/CAT II 1000V                 |

| Overall Length            | 8.39" (21.3 cm)                           | 10.50" (26.7 cm)                          |
| Overall Width             | 2.12" (5.4 cm)                            | 4.12" (10.5 cm)                           |
| Overall Height            | 1.38" (3.5 cm)                            | 1.06" (2.7 cm)                            |
| Weight                    | 6.40 oz (180.0g)                          | 5.90 oz (167.0 g)                         |

### FEATURES

<table>
<thead>
<tr>
<th>CL360</th>
<th>CL150</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop Protection</td>
<td>9.8’ (3 m)</td>
</tr>
<tr>
<td>Ingress Protection</td>
<td>IP40</td>
</tr>
<tr>
<td>Safety</td>
<td>Jaw &amp; Housing CAT IV 600V</td>
</tr>
<tr>
<td></td>
<td>CAT II 1000V</td>
</tr>
<tr>
<td></td>
<td>CAT III 1000V</td>
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<tr>
<td></td>
<td>CAT IV 600V</td>
</tr>
<tr>
<td>DE Voltage (Volts)</td>
<td>600V</td>
</tr>
<tr>
<td>DC Voltage (Volts)</td>
<td>1000V</td>
</tr>
<tr>
<td>AC Current (Amps)</td>
<td>200A</td>
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<tr>
<td></td>
<td>3000A</td>
</tr>
<tr>
<td>Ohms (Resistance)</td>
<td>60MΩ</td>
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<tr>
<td>TRMS</td>
<td>True RMS</td>
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<tr>
<td>Audible Continuity</td>
<td></td>
</tr>
<tr>
<td>Backlight</td>
<td></td>
</tr>
<tr>
<td>Non-Contact Voltage Testing</td>
<td></td>
</tr>
<tr>
<td>AUTO</td>
<td></td>
</tr>
<tr>
<td>RANGE</td>
<td></td>
</tr>
<tr>
<td>RANGE Hold</td>
<td></td>
</tr>
<tr>
<td>Data Hold</td>
<td></td>
</tr>
<tr>
<td>HOLD</td>
<td></td>
</tr>
<tr>
<td>MAX / MIN</td>
<td></td>
</tr>
<tr>
<td>APO</td>
<td></td>
</tr>
<tr>
<td>Auto-Power Off</td>
<td></td>
</tr>
<tr>
<td>LCD Display Count</td>
<td>6000</td>
</tr>
<tr>
<td></td>
<td>3000</td>
</tr>
</tbody>
</table>

### Electrical Test Kits

**Best-Sellers in Convenient Value Kits**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL120KIT</td>
<td>Clamp Meter Electrical Test Kit</td>
<td>CL120 Digital Clamp Meter with Test Leads: 69409 Line Splitter 10x; RT210 GFCI Receptacle Tester; Carrying Pouch; Instructions; and All Required Batteries</td>
</tr>
<tr>
<td>CL120VP</td>
<td>Clamp Meter Electrical Test Kit</td>
<td>CL120 Digital Clamp Meter with Test Leads; NCVT-3P Dual Range Non-Contact Voltage Tester with Flashlight; ET40 Electronic AC/DC Voltage Tester; RT210 GFCI Receptacle Tester; Carrying Case; Instructions; and All Required Batteries</td>
</tr>
<tr>
<td>CL320KIT</td>
<td>HVAC Electrical Test Kit</td>
<td>CL320 Digital Clamp Meter with Test Leads and Thermocouple: TR07 Dual IR and Probe Thermometer; NCVT-3P Dual Range Non-Contact Voltage Tester with Flashlight; Carrying Pouch; Instructions; and All Required Batteries</td>
</tr>
</tbody>
</table>

www.kleintools.com > 800-553-4676
**Receptacle Tester**
- 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)
- Built to withstand a 6.6’ (2 m) drop
- Nominal Voltage: 110/125V AC at 50/60Hz in 3-wire outlet
- Designed to detect the most common wiring problems in standard receptacles
- Cat. No. RT210 works on GFCI outlets and confirms operation of the ground fault

**Non-Contact Voltage Tester**
- CAT IV safety rating
- Auto power-off
- Convenient pocket clip
- Does not detect DC voltage
- NCVT-1XT detects 70 - 1000V AC in cables, cords, circuit breakers, lighting fixtures, switches, non tamper-resistant outlets and wires. Dustproof and waterproof with durable 9.8’ (3 m) drop protection. Easy access to battery compartment.

**Voltage Testing Kit**
**Best-Sellers in Convenient Value Kits**
- Voltage Tester provides non-contact detection of 70 to 1000V AC in cables, cords, circuit breakers, lighting fixtures, switches, non tamper-resistant outlets and wires
- Durable tester is dustproof and waterproof with an IP67 rating and 9.8’ (3 m) drop protection
- CAT IV 1000V safety rating, low battery indicator, and easy access to battery compartment
- GFCI Tester detects the most common wiring problems in standard and GFCI receptacles: open ground, reverse polarity, open hot, open neutral, hot/ground reversed
- CAT II 300V safety rating, works on GFCI outlets, and confirms operation of the ground fault protective device
- NCV Tester is not recommended for testing tamper-resistant outlets; use Cat. Nos. NCVT-2P or NCVT-3P in low voltage mode

---

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCVT1XT</td>
<td>Non-Contact Voltage and GFCI Receptacle Premium Test Kit</td>
<td>NCVT1XT Non-Contact Voltage Tester; RT210 GFCI Outlet Tester; Instructions; All Required Batteries</td>
</tr>
</tbody>
</table>
**THERMAL IMAGERS**

**Thermal Imagers for Mobile Devices**
- Thermal Imager for iOS and Android® Devices has 10,800 pixels to deliver excellent resolution for troubleshooting hot and cold spots.
- Thermal Imager for iOS fits phone cases up to 1/16" (0.15 cm); phone cases thicker than 1/16" (0.15 cm) may require removal of case for secure connection.
- Easily capture, store and share thermal images and video, including time-lapse video.
- Features on-screen temperature, high/low temperatures, and differential temperature readout.
- View temperature ranges from -4° to 752° F (-20° to 400° C) in three color palettes: ironbow, rainbow, or grayscale.
- Includes high/low temperature alarms to monitor systems.
- Compatible with iOS devices 11 and higher (Cat. No. TI222).
- Compatible with most Android® devices versions 6.0 or higher with USB-C or micro-USB connectors (Cat. No. TI220).
- Klein Tools Thermal Imager App and Thermal Imager Android® App is available for free in the App Store and Google Play™ store.
- Durable 6.6’ (2 m) drop test protection.

Easily capture, store, and share thermal images and video using the Klein Tools Thermal Imager App. Available for free on Google Play™ Store or App Store®.

**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).
- Select color palettes to best capture the event.
- Rechargeable lithium-ion battery.
- Includes thermal imager, micro-USB charging cable, carrying case, and instructions.

**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

*microSD® is a registered trademark of SD-3C, LLC.
Conduit Measuring Pull Tapes

- Pull Tape is a woven, flat polyester strapping that disperses pull load and minimizes stretching when pulling.
- Tape is marked with easy-to-read, descending 1’ increments to measure conduit runs and determine the amount of tape left to pay out.
- Pre-lubricated to reduce friction.
- Hole in bucket lid for controlled, tangle-free dispensing, bucket also provides easy storage and transport.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Container</th>
<th>Tensile Strength</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>50122</td>
<td>Orange Bucket with Lid and Handle</td>
<td>1250 lb (567 kg)</td>
<td>2000’ (609.6 m)</td>
</tr>
<tr>
<td>50131</td>
<td>Orange Bucket with Lid and Handle</td>
<td>1800 lb (816 kg)</td>
<td>1300’ (396 m)</td>
</tr>
<tr>
<td>50141</td>
<td>Orange Bucket with Lid and Handle</td>
<td>2500 lb (1134 kg)</td>
<td>1000’ (305 m)</td>
</tr>
<tr>
<td>50142</td>
<td>Rod-Reinforced Reel</td>
<td>2500 lb (1134 kg)</td>
<td>3000’ (914 m)</td>
</tr>
</tbody>
</table>

Glow Fish Tapes

- Unique Glow-in-the-Dark fiberglass tape and nylon tip.
- Fully removable from case for more versatile application such as pass-through wire feeding; alignment mark on case makes for easy re-installation into housing.
- Anchoring end utilizes stainless steel connector that is compatible with Klein Fish Rod attachments (see Cat. No. 505511).
- Narrow, eyelet tip for easy feeding through crowded spaces.
- Patent pending.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Tape Size</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>50550</td>
<td>20’ x 0.153” (6.1 m x 0.39 cm)</td>
<td>7.5” (19.1 cm)</td>
</tr>
<tr>
<td>50660</td>
<td>40’ x 0.153” (12 m x 0.39 cm)</td>
<td>9” (23 cm)</td>
</tr>
</tbody>
</table>
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) (VDV501-852 and VDV501-853 kits only)
- 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

<table>
<thead>
<tr>
<th></th>
<th>Cat. No.</th>
<th>VDV501-851</th>
<th>VDV501-852</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Starter Kit</td>
<td>Locator Remote Kit</td>
</tr>
<tr>
<td>Scout™ Pro 3 Tester</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Self-Storing Remote (#1)</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Test + Map™ Remotes</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>RJ45 Locator Remotes</td>
<td>5</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>F-Coax Locator Remotes</td>
<td>5</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Coax F Adapter (female-to-female)</td>
<td>1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Coax Barrel Adapters (male-to-female)</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>RJ45 Jumper Cables (6&quot;)</td>
<td>–</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>RJ11 Jumper Cables (6&quot;)</td>
<td>–</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>RJ12 Jumper Cables (6&quot;)</td>
<td>–</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>9V Alkaline Battery</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Carrying Case</td>
<td>–</td>
<td>VDV770-126</td>
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</tr>
</tbody>
</table>
## Replacement parts

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VDV526-055</td>
<td>CoaxMap™ Kit (include 19 coax locator remotes)</td>
</tr>
<tr>
<td>VDV770-125</td>
<td>Brand new zipper bag for Test + Map™ Remote Expansion Kit (VDV770-851)</td>
</tr>
<tr>
<td>VDV770-126</td>
<td>Replacement Zipper Bag for Test + Map™ Remote Expansion Kit (VDV770-851)</td>
</tr>
<tr>
<td>VDV770-127</td>
<td>Replacement Case for Scout™ Pro 3 Test + Map™ Remote Kit (VDV501-853)</td>
</tr>
<tr>
<td>VDV501-851</td>
<td>Starter Kit (VDV501-851)</td>
</tr>
<tr>
<td>VDV501-852</td>
<td>Locator Remote Kit (VDV501-852)</td>
</tr>
<tr>
<td>VDV512-056</td>
<td>CoaxMap™ Kit (include 19 coax locator remotes)</td>
</tr>
<tr>
<td>VDV526-055</td>
<td>CoaxMap™ Kit (include 19 coax locator remotes)</td>
</tr>
<tr>
<td>VDV726-125</td>
<td>Universal RJ11/JR12 Jumper Cable</td>
</tr>
<tr>
<td>VDV770-125</td>
<td>Brand new zipper bag for Test + Map™ Remote Expansion Kit (VDV770-851)</td>
</tr>
<tr>
<td>VDV770-126</td>
<td>Replacement Zipper Bag for Test + Map™ Remote Expansion Kit (VDV770-851)</td>
</tr>
<tr>
<td>VDV770-127</td>
<td>Replacement Case for Scout™ Pro 3 Test + Map™ Remote Kit (VDV501-853)</td>
</tr>
<tr>
<td>VDV501-851</td>
<td>Starter Kit (VDV501-851)</td>
</tr>
<tr>
<td>VDV501-852</td>
<td>Locator Remote Kit (VDV501-852)</td>
</tr>
<tr>
<td>VDV512-056</td>
<td>CoaxMap™ Kit (include 19 coax locator remotes)</td>
</tr>
<tr>
<td>VDV526-055</td>
<td>CoaxMap™ Kit (include 19 coax locator remotes)</td>
</tr>
<tr>
<td>VDV726-125</td>
<td>Universal RJ11/JR12 Jumper Cable</td>
</tr>
<tr>
<td>VDV770-125</td>
<td>Brand new zipper bag for Test + Map™ Remote Expansion Kit (VDV770-851)</td>
</tr>
<tr>
<td>VDV770-126</td>
<td>Replacement Zipper Bag for Test + Map™ Remote Expansion Kit (VDV770-851)</td>
</tr>
<tr>
<td>VDV770-127</td>
<td>Replacement Case for Scout™ Pro 3 Test + Map™ Remote Kit (VDV501-853)</td>
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<tr>
<td>VDV501-851</td>
<td>Starter Kit (VDV501-851)</td>
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<tr>
<td>VDV501-852</td>
<td>Locator Remote Kit (VDV501-852)</td>
</tr>
<tr>
<td>VDV512-056</td>
<td>CoaxMap™ Kit (include 19 coax locator remotes)</td>
</tr>
<tr>
<td>VDV526-055</td>
<td>CoaxMap™ Kit (include 19 coax locator remotes)</td>
</tr>
<tr>
<td>VDV726-125</td>
<td>Universal RJ11/JR12 Jumper Cable</td>
</tr>
</tbody>
</table>
**VOICE DATA VIDEO (VDV)**

**LAN Scout™ Jr. 2 Cable Tester**
- Cable tester for data (RJ45) terminated cables and patch cords
- Large backlit LCD for low lit areas displays pin to pin wiremap results
- Test for Open, Short, Miswire or Split-Pair faults, Cross-over and Shielded cables
- Intuitive user interface features three buttons with simple, easy-to-identify test responses
- Tone on single wire, wire pair or all 8 conductor wires

**Cat. No.** | **Description** | **Remote** | **Batteries** | **Display** | **Included**
--- | --- | --- | --- | --- | ---
VDV526-200 | LAN Scout™ Jr. 2 Tester | 1 | 2x AAA | LCD | Tester, Remote, 2x AAA batteries

**LAN Explorer™ Data Cable Tester**
- Single button testing of RJ11, RJ12 and RJ45 terminated data and cables
- Tests CAT3, CAT5e and CAT6/6A cables
- Fast LED responses indicate cable status (Pass, Miswire, Open-Fault, Short-Fault, and Shield)
- Test remote stores securely in tester body
- Compact tester easily fits in your pocket
- Auto Power-off feature to conserve battery life (9V battery included)
- Low battery indicator

**Cat. No.** | **Cable Type** | **Connector Type** | **Remote** | **Batteries** | **Display** | **Included**
--- | --- | --- | --- | --- | --- | ---
VDV526-100 | CAT3, CAT5e, CAT6/6A | RJ11, RJ12 | 1 | 1 x 9V | LED | Tester, Remote, 9V Battery

**TDR Cable Length Meter**
- Cable length meter measures length of electrical, data, two-wire and Romex® cables up to 3000' (914 m)
- TDR technology measures Distance-to-Fault, Open or Short, on terminated or unterminated cable
- Programmed with Velocity of Propagation (VoP) values for Coax, Data, Romex® and other multiwire cables for accurate length measurement within +/-2" (0.05 m) accuracy
- Stores custom cable VoP values for consistently accurate results and time savings
- Simple interface with full color, interactive LCD
- Tones unenergized, open-ended wires for wire tracing (requires Analog Probe (Cat. No. VDV500-123, sold separately)
- Coax-BNC or high-quality alligator clips for quick, easy connection to test most cable types
- RJ45 jack for accurate length measurement of terminated data cables
- Measurements can be switched between and metric and imperial units

**Coax Explorer™ 2 Testers**
- Test coaxial cable and map up to 4 locations
- Simple push button operation
- Easy to read LED panel indicates PASS, OPEN or SHORT conditions, simplifying cable identification
- 2 Replaceable AAA Alkaline batteries, included
- Push-on remotes for ease of use
- Remote Kit (Cat. No. VDV512-101) includes a removable holder with 4 color coded remotes

**Cat. No.** | **Description** | **Cable Type** | **Test-n-Map ID Remotes** | **Connection & Adapter Types** | **Included**
--- | --- | --- | --- | --- | ---
VDV512-100 | Coax Explorer™ 2 Tester with Red Remote | RG59, RG6/6Q, RG7, RG11 | 1 (Red Remote (Included)) | Coax F Adapters | Tester, Batteries, Red Remote
VDV512-101 | Coax Explorer™ 2 Tester with Remote Kit | RG59, RG6/6Q, RG7, RG11 | 4 (Included) | Tester, Batteries, 4 Colored Push-on Remotes, F-adapter, Snap-on Remote Holder
### Loose Cable Stapler and Staples

- Drives insulated staples for Voice, Data, Video, NM-B (Romex®) and other nonmetallic (type NM) sheathed cable
- Adjustable to three sizes of staples: 1/4", 5/16", and 19/32"
- Forward action for stability and single-handed operation
- Channel face guides and protects cable
- Cast aluminum body for durability
- Adjustable force setting lever
- Ergonomic, Cushion-Grip handle
- Jam resistant mechanism
- Two-level staple guide opening for small and large cable and staple sizes
- Convenient clip for attaching stapler to belt or tool bag. Clip can be mounted to either side of the stapler
- UL-listed insulated staples secure flat and round cables. Sold separately in 300 qty. packs

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Cable Opening Size</th>
<th>Leg Length</th>
<th>For Use With</th>
</tr>
</thead>
</table>
| 450-001 | 1/4" x 5/16"         | 11/16" (17 mm)     | • CAT3/5e data cable
|         | (6 mm x 8 mm)        |                     | • Speaker Wire               |
| 450-002 | 5/16" x 5/16"        | 7/8" (22 mm)       | • CAT3/5e/6/A data cable
|         | (8 mm x 8 mm)        |                     | • RG59/6/6Q coax cable       |
| 450-003 | 19/32" x 11/32"      | 7/8" (22 mm)       | • CAT3/5e/6/A (x2, x3) data cable
|         | (15 mm x 9 mm)       |                     | • RG59/6/6Q (x2) coax cable  |
|         |                      |                     | • NM-B (Romex®) 14-3, 14-3G, 12-3 |

### Ratcheting Data Cable Crimper/Stripper/Cutter

- Ratcheting crimper provides fast, reliable modular-crimp connector installation for voice and data applications
- Cuts, strips, and crimps pair-conductor cables (round STP/UTP and flat-satin phone cable) all in one tool
- Crimps 4, 6, and 8 position modular connectors (RJ22, RJ11/RJ12, and RJ45)
- Steel body with black-oxide finish for excellent performance and durability
- Ratchet safety-release and a blade-guard on cutting and stripping knives to protect fingers and reduce risk of injury
- Designed for Western Electric (WE)/Stewart Stamping (SS)-type modular connectors
- Full-cycle ratchet mechanism prevents the release of the connector prior to full compression
- Cable parameters: 28-22 AWG (.08 - .34 mm²) flat or round; solid or stranded telephone and data

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Cuts &amp; Strips:</th>
<th>Cable Type:</th>
<th>Connector Type:</th>
<th>Cable Diameter:</th>
<th>Handle Color:</th>
<th>Jaw Color:</th>
<th>Overall Length:</th>
</tr>
</thead>
<tbody>
<tr>
<td>VDV226-011-SEN</td>
<td>Paired Conductor Data Cable</td>
<td>CAT3, CAT5e, CAT6/6A</td>
<td>RJ45, RJ11, RJ12 Standard</td>
<td>0.162&quot; to 0.833&quot; (4.11 to 22.42 mm)</td>
<td>Yellow/Black</td>
<td>Black</td>
<td>7.5&quot; (19.1 cm)</td>
</tr>
</tbody>
</table>

### Ratcheting Pass-Thru™ Modular Crimper

- All-in-one tool cuts and strips STP/UTP paired-conductor data cable and flat-satin phone cable
- Crimps with RJ11/RJ12 standard modular connectors, and crimps & trims with Klein Tools RJ45 Pass-Thru™ connectors
- Full-cycle ratchet mechanism ensures complete connector termination
- Trims flush to end face of connector to eliminate unintended contact between conductors
- On-tool wiring guide helps minimize wiring errors
- Use with Klein Tools Pass-Thru™ Connectors
- Not for use with standard (non pass-through) connectors

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Cuts &amp; Strips:</th>
<th>Cable Type:</th>
<th>Connector Type:</th>
<th>Position/Pairs/Conductors</th>
<th>Overall Length:</th>
</tr>
</thead>
<tbody>
<tr>
<td>VDV226-110</td>
<td>Paired Conductor Data Cable</td>
<td>CAT3, CAT5e, CAT6/6A</td>
<td>RJ11 Standard, RJ12 Standard</td>
<td>4-Position, 1-Pair/2-Conductor, 4-Position, 2-Pair/4-Conductor, 6-Position, 2-Pair/4-Conductor, 6-Position, 3-Pair/6-Conductor, 8-Position, 4-Pair/8-Conductor</td>
<td>6.094&quot; (15.5 cm)</td>
</tr>
</tbody>
</table>
Your expertise matched with our steadfast Klein tools, is a winning combination for all your jobsite demands!

Our innovations and advancements for the TELECOM industry provides ease of mind with every installation.

dependable, reliable and long lasting tools.
choose the company that has been manufacturing quality tools for you, the tradesman, since 1857.

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