



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Insulated Tools

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



For Professionals...
Since 1857™

Electrician's Insulated Tools

FORGED STEEL

from Klein's US-made, proprietary blend

Durable, three component molded insulation provides protection against electric shock

Induction hardened cutting knives for long life

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

Forged steel handle

Hot-riveted joint ensures smooth action and no handle wobble

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

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




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

2000™ series pliers available.
HEAVY-DUTY CUTTING Cuts ACSR, screws, nails, and most hardened wire

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

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

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



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

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

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

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





Electrician's Insulated Pliers

Electrician's Insulated High-Leverage Side-Cutting Pliers

Additional Features:

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



213-9NE-EINS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Weight |
|---|-------------|---------------------|--------------------|-------------------|----------------|------------------|--------------------|
| 213-8NE-EINS | New England | 8-13/16" (223.8 mm) | 1-7/16" (36.5 mm) | 1-7/64" (28.2 mm) | 5/8" (15.9 mm) | 3/4" (19.1 mm) | 1.0 lbs. (0.45 kg) |
| 213-9NE-EINS | New England | 9-5/8" (244.5 mm) | 1-19/32" (40.5 mm) | 1-5/16" (33.3 mm) | 5/8" (15.9 mm) | 25/32" (19.8 mm) | 1.3 lbs. (0.59 kg) |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | |
| 2000-9NE-EINS | New England | 9-5/8" (244.5 mm) | 1-19/32" (40.5 mm) | 1-5/16" (33.3 mm) | 5/8" (15.9 mm) | 25/32" (19.8 mm) | 1.3 lbs. (0.59 kg) |

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

Electrician's Insulated High-Leverage Diagonal Cutting Pliers



Additional Features:

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



2000-28-EINS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Weight |
|--------------|-----------|-------------------|------------------|-------------------|-----------------|----------------|------------------|
| 2000-28-EINS | Tapered | 8-1/4" (209.6 mm) | 13/16" (20.6 mm) | 1-3/16" (30.2 mm) | 7/16" (11.1 mm) | Standard | 11.2 oz. (318 g) |
| 2000-48-EINS | Angled | 8-1/4" (209.6 mm) | 13/16" (20.6 mm) | 1-3/16" (30.2 mm) | 7/16" (11.1 mm) | Standard | 11.2 oz. (318 g) |

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

Additional Features:

- Induction-hardened cutting knives for long life
- Knurled jaws for sure wrapping and looping
- Cat. No. 203-8-EINS features heavier design for easier, more comfortable cutting and extended handle for added reach and leverage
- Cat. Nos. 203-6-EINS and 203-7-EINS has curved handles to provide greater tool control



203-8-EINS



203-7-EINS

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Point Thickness | Weight |
|------------------------|-------------------|--------------------|------------------|----------------|----------------|-----------------|------------------|
| Heavier Design | | | | | | | |
| 203-8-EINS | 8-7/8" (225.4 mm) | 2-5/16" (58.7 mm) | 1" (25.4 mm) | 1/2" (12.7 mm) | 5/8" (15.9 mm) | 1/8" (3.2 mm) | 11.2 oz. (318 g) |
| Standard Design | | | | | | | |
| 203-6-EINS | 6-7/8" (174.6 mm) | 1-15/16" (49.2 mm) | 11/16" (17.5 mm) | 3/8" (9.5 mm) | 1/2" (12.7 mm) | 3/32" (2.4 mm) | 4.8 oz. (136 g) |
| 203-7-EINS | 7-3/8" (187.3 mm) | 2-7/16" (61.9 mm) | 11/16" (17.5 mm) | 3/8" (9.5 mm) | 1/2" (12.7 mm) | 3/32" (2.4 mm) | 4.8 oz. (136 g) |



Electrician's Insulated Pliers

Electrician's Insulated Combination Pliers

Additional Features:

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



12098-EINS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Weight |
|------------|-----------|-------------------|--------------------|-------------------|----------------|----------------|--------------------|
| 12098-EINS | Universal | 8-7/8" (225.4 mm) | 1-25/32" (45.2 mm) | 1-1/32" (26.2 mm) | 1/2" (12.7 mm) | 3/4" (19.1 mm) | 1.0 lbs. (0.45 kg) |

Electrician's Insulated Pump Pliers

Additional Features:

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



502-10-EINS

| Cat. No. | Overall Length | Max. Jaw Capacity | Weight |
|-------------|--------------------|-------------------|--------------------|
| 502-10-EINS | 10-1/4" (260.4 mm) | 1-3/4" (44.5 mm) | 1.0 lbs. (0.45 kg) |

Electrician's Insulated Cable Cutter

Electrician's Insulated High-Leverage Cable Cutter

Additional Features:

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



63050-EINS

| Cat. No. | Overall Length | Maximum Cable Cutting Capacity | Weight |
|------------|-------------------|---|--------------------|
| 63050-EINS | 9-5/8" (244.5 mm) | 4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable | 1.0 lbs. (0.45 kg) |

Electrician's Insulated Stripper/Cutter

Electrician's Insulated Solid & Stranded Stripper/Cutter

Additional Features:

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

KLEIN-KURVE



11054-EINS

SOLID
8 - 16 AWG

STRANDED
10 - 18 AWG



| Cat. No. | Overall Length | Strips and Cuts | Weight |
|------------|----------------|---|-----------------|
| 11054-EINS | 8" (203.2 mm) | 8 - 16 AWG Solid (8.4 mm ² - 1.3 mm ²), 10 - 18 AWG Stranded (5.3 mm ² - 0.82 mm ²) | 8.0 oz. (227 g) |



Classic Insulated Tools

FORGED STEEL

from Klein's US-made, proprietary blend

MADE IN USA

Integral guards help prevent hand contact with conductive parts

Induction hardened cutting knives for long life

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



Forged steel handle

 **1000 V**

Hot-riveted joint ensures smooth action and no handle wobble

A flame retardant, impact-resistant, bright orange outer coating

2000 series pliers available.
HEAVY-DUTY CUTTING

Cuts ACSR, screws, nails, and most hardened wire

All Classic Klein insulated tools comply with ASTM F-1505 and IEC 60900-2004 standards for insulated tools and are clearly marked with the official international 1000-volt rating symbol. Not all tools with plastic coatings or plastic handles provide protection against electrical shock. The large, bright orange handles make the tool comfortable to use all day and easy to identify in the field. **Only use those tools that are marked with the official international 1000-volt rating symbol, as shown, if there is any chance that the tool will make contact with an energized source. Product numbers with the INS suffix contain these warnings and must be understood.**

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

 **1000 V**

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

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

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

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

Insulated High-Leverage Side-Cutting Pliers

Additional Features:

- High-leverage design provides 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



D213-9NE-INS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Weight |
|---|-------------|-------------------|--------------------|-------------------|----------------|------------------|--------------------|
| D213-9NE-INS | New England | 9-5/8" (244.5 mm) | 1-19/32" (40.5 mm) | 1-5/16" (33.3 mm) | 5/8" (15.9 mm) | 25/32" (19.8 mm) | 1.3 lbs. (0.59 kg) |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | |
| D2000-9NE-INS | New England | 9-5/8" (244.5 mm) | 1-19/32" (40.5 mm) | 1-5/16" (33.3 mm) | 5/8" (15.9 mm) | 25/32" (19.8 mm) | 25/32" (19.8 mm) |

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

Insulated High-Leverage Side-Cutting Pliers - Connector Crimping

Additional Features:

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals
- High-leverage design provides 46% greater cutting and gripping power than other plier designs
- Streamlined design with sure-gripping, cross-hatched knurled jaws



D213-9NECR-INS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Weight |
|-----------------|-------------|-------------------|--------------------|-------------------|----------------|------------------|--------------------|
| D213-9NE-CR-INS | New England | 9-5/8" (244.5 mm) | 1-19/32" (40.5 mm) | 1-5/16" (33.3 mm) | 5/8" (15.9 mm) | 25/32" (19.8 mm) | 1.3 lbs. (0.59 kg) |

See page 310 for additional information on warnings.



Insulated Pliers – Classic

Insulated High-Leverage Universal Side-Cutting Pliers - Connector Crimping

Additional Features:

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



12098-INS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Knife Length | Weight |
|-----------|-----------|-------------------|--------------------|-------------------|----------------|----------------|--------------------|
| 12098-INS | Universal | 8-7/8" (225.4 mm) | 1-25/32" (45.2 mm) | 1-1/32" (26.2 mm) | 1/2" (12.7 mm) | 3/4" (19.1 mm) | 1.0 lbs. (0.45 kg) |

Insulated High-Leverage Diagonal-Cutting Pliers

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other pliers designs
- 13° angled head for easier work in confined spaces Cat. Nos. D248-8-INS and D2000-48-INS series



D228-8-INS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Weight |
|--|-----------|-------------------|------------------|-------------------|-----------------|----------------|------------------|
| D228-8-INS | Tapered | 8-1/4" (209.6 mm) | 13/16" (20.6 mm) | 1-3/16" (30.2 mm) | 7/16" (11.1 mm) | Standard | 11.2 oz. (318 g) |
| D248-8-INS | Angled | 8-1/4" (209.6 mm) | 13/16" (20.6 mm) | 1-3/16" (30.2 mm) | 7/16" (11.1 mm) | Standard | 11.2 oz. (318 g) |
| 2000 Series* – Heavy-duty cutting knives | | | | | | | |
| D2000-28-INS | Tapered | 8-1/4" (209.6 mm) | 13/16" (20.6 mm) | 1-3/16" (30.2 mm) | 7/16" (11.1 mm) | Standard | 11.2 oz. (318 g) |
| D2000-48-INS | Angled | 8-1/4" (209.6 mm) | 13/16" (20.6 mm) | 1-3/16" (30.2 mm) | 7/16" (11.1 mm) | Standard | 11.2 oz. (318 g) |

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

Insulated Heavy-Duty Diagonal-Cutting Pliers - Tapered Nose

Additional Features:

- Heavy-duty tapered nose design
- One-inch deep jaws easily reach into confined spaces



D220-7-INS

| Cat. No. | Nose Type | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Weight |
|------------|-----------|-------------------|--------------|------------------|----------------|----------------|------------------|
| D220-7-INS | Tapered | 7-7/8" (200.0 mm) | 1" (25.4 mm) | 31/32" (24.6 mm) | 1/2" (12.7 mm) | Standard | 11.2 oz. (318 g) |

Insulated Long-Nose Pliers - Side-Cutting

Additional Features:

- Knurled jaws for sure wrapping and looping
- Cat. Nos. D203-8-INS and D203-8N has extended handles provide added reach and leverage
- Cat. Nos. D203-6-INS and D203-7-INS have curved handles to provide greater tool control
- Cat. No. D203-8N-INS has skinning hole for No. 12 AWG wire



D203-8N-INS



D203-7-INS

| Cat. No. | Overall Length | Jaw Length | Jaw Width | Jaw Thickness | Cutting Knives | Knife Length | Weight |
|-----------------|-------------------|--------------------|------------------|----------------|----------------|----------------|------------------|
| Heavier Design | | | | | | | |
| D203-8-INS | 8-7/8" (225.4 mm) | 2-5/16" (58.7 mm) | 1" (25.4 mm) | 1/2" (12.7 mm) | Standard | 5/8" (15.9 mm) | 11.2 oz. (318 g) |
| D203-8N-INS | 8-7/8" (225.4 mm) | 2-5/16" (58.7 mm) | 1" (25.4 mm) | 1/2" (12.7 mm) | Standard | 5/8" (15.9 mm) | 11.2 oz. (318 g) |
| Standard Design | | | | | | | |
| D203-6-INS | 6-7/8" (174.6 mm) | 1-15/16" (49.2 mm) | 11/16" (17.5 mm) | 3/8" (9.5 mm) | Standard | 1/2" (12.7 mm) | 4.8 oz. (136 g) |
| D203-7-INS | 7-3/8" (187.3 mm) | 2-7/16" (61.9 mm) | 11/16" (17.5 mm) | 3/8" (9.5 mm) | Standard | 1/2" (12.7 mm) | 4.8 oz. (136 g) |





Insulated Pliers – Classic

Insulated Pump Pliers

Additional Features:

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

| Cat. No. | Overall Length | Max. Jaw Capacity | Weight |
|-------------|--------------------|-------------------|--------------------|
| D502-10-INS | 10-1/4" (260.4 mm) | 1-3/4" (44.5 mm) | 1.0 lbs. (0.45 kg) |



D502-10-INS

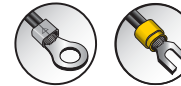
Insulated Crimping/Cutting/Stripping Tools – Classic

Insulated Crimping/Cutting Tool

Additional Features:

- Tapered nose design for working in confined spaces
- Crimping dies marked for insulated and non-insulated solderless terminals and connectors
- Accommodates wire from No. 10 to 22 AWG
- Wire cutter in nose

| Cat. No. | Overall Length | Crimps | Weight |
|----------|-------------------|-------------|--------------------|
| 1005-INS | 9-3/4" (247.7 mm) | 10 - 22 AWG | 1.0 lbs. (0.45 kg) |



1005-INS

Insulated High-Leverage Cable Cutter

Additional Features:

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

| Cat. No. | Overall Length | Maximum Cable Cutting Capacity | Weight |
|-----------|-------------------|--|--------------------|
| 63050-INS | 9-5/8" (244.5 mm) | 4/0 Aluminum, 2/0 Soft Copper, 100-Pair 24 AWG Communications Cable | 1.0 lbs. (0.45 kg) |



63050-INS

Insulated Wire Stripper/Cutters

Additional Features:

- Cuts, strips, loops and gauges wire
- Spring-loaded for self-opening
- Compact, lightweight wire-stripping and cutting tool
- Narrow nose fits into tight places
- Do not use for cutting steel wire or bolts
- Hardened spring steel with precision-ground stripping holes for easy removal of insulation
- Cat. No. 11055-INS cleanly shears 6-32 and 8-32 screws

| Cat. No. | Overall Length | Strips and Cuts | Weight |
|-----------|----------------|--|---------------------|
| 11045-INS | 7" (177.8 mm) | 10, 12, 14, 16, 18 Solid AWG (4.0 mm ² , 2.5 mm ² , 1.5 mm ² , 1.0 mm ² , 0.75 mm ²) | 9.6 lbs. (4.35 kg) |
| 11049-INS | 7" (177.8 mm) | 8, 10, 12, 14, 16 Stranded AWG (6.0 mm ² , 4.0 mm ² , 2.5 mm ² , 1.5 mm ² , 1.0 mm ²) | 9.6 lbs. (4.35 kg) |
| 11055-INS | 8" (203.2 mm) | 10, 12, 14, 16, 18 AWG Solid (4.0 mm ² , 2.5 mm ² , 1.5 mm ² , 1.0 mm ² , 0.75 mm ²) 12, 14, 16, 18, 20 AWG Stranded (2.5 mm ² , 1.5 mm ² , 1.0 mm ² , 0.82 mm ² , 0.50 mm ²) | 12.0 lbs. (5.44 kg) |



SOLID
8-16 AWG

11049-INS



SOLID 10-18 AWG
STRANDED 12-20 AWG

KLEIN-KURVE

11055-INS



Insulated Screwdrivers

FORGED STEEL

from Klein's US-made, proprietary blend

 **1000 V**

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

Durable, two layer, molded insulation

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

Bright orange outer coating is flame and impact resistant

Cushion-Grip handles for greater torque and comfort

Tip-Ident® quickly identifies driver size

MADE IN USA

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



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

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

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

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

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

Insulated Screwdrivers - Round-Shank

Additional Features:

- Profilated Phillips-tip provides a more consistent geometric symmetry than conventional Phillips-tip screwdrivers
- Square-Recess tips are perfect for electrical, telephone and work in recessed holes and other tight spaces



| Cat. No. | Tip Type | Tip Size | Shank Length | Overall Length | Weight |
|-----------|-------------|----------------|---------------|---------------------|--------------------|
| 6334INS | Phillips | #1 | 4" (101.6 mm) | 7-3/4" (196.9 mm) | 2.1 oz. (60 g) |
| 603-4-INS | Phillips | #2 | 4" (101.6 mm) | 8-5/16" (211.1 mm) | 3.2 lbs. (1.45 kg) |
| 6037INS | Phillips | #2 | 7" (177.8 mm) | 11-5/16" (287.3 mm) | 4.0 lbs. (1.81 kg) |
| 6337INS | Phillips | #1 | 7" (177.8 mm) | 12-3/8" (314.3 mm) | 6.4 lbs. (2.90 kg) |
| 607-3-INS | Cabinet Tip | 3/32" (2.4 mm) | 3" (76.2 mm) | 6-3/4" (171.5 mm) | 1.9 lbs. (0.86 kg) |
| 612-4-INS | Cabinet Tip | 1/8" (3.2 mm) | 4" (101.6 mm) | 7-3/4" (196.9 mm) | 2.1 oz. (60 g) |
| 601-4-INS | Cabinet Tip | 3/16" (4.8 mm) | 4" (101.6 mm) | 7-3/4" (196.9 mm) | 2.1 oz. (60 g) |
| 601-7-INS | Cabinet Tip | 3/16" (4.8 mm) | 7" (177.8 mm) | 10-3/4" (273.1 mm) | 2.7 lbs. (1.22 kg) |
| 602-4-INS | Cabinet Tip | 1/4" (6.4 mm) | 4" (101.6 mm) | 8-5/16" (211.1 mm) | 3.2 lbs. (1.45 kg) |
| 605-7-INS | Cabinet Tip | 1/4" (6.4 mm) | 7" (177.8 mm) | 11-5/16" (287.3 mm) | 4.0 lbs. (1.81 kg) |
| 602-7-INS | Cabinet Tip | 5/16" (7.9 mm) | 7" (177.8 mm) | 12-3/8" (314.3 mm) | 6.4 lbs. (2.90 kg) |
| 602-8-INS | Cabinet Tip | 3/8" (9.5 mm) | 8" (203.2 mm) | 13-3/8" (339.7 mm) | 8.0 oz. (227 g) |
| 661-4-INS | Square | #1 | 4" (101.6 mm) | 8-5/16" (211.1 mm) | 3.2 lbs. (1.45 kg) |
| 661-7-INS | Square | #1 | 7" (177.8 mm) | 11-5/16" (287.3 mm) | 3.2 lbs. (1.45 kg) |
| 662-4-INS | Square | #2 | 4" (101.6 mm) | 8-5/16" (211.1 mm) | 3.2 lbs. (1.45 kg) |
| 662-7-INS | Square | #2 | 7" (177.8 mm) | 11-5/16" (287.3 mm) | 3.2 lbs. (1.45 kg) |





2-Piece Insulated 4" (102 mm) Screwdriver Set - Round Shanks



33532-INS

Additional Features:

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

| Cat. No. | Set Contains | Weight | | |
|-----------|--------------|-----------------|---------------|--------------------|
| 33532-INS | | 9.6 oz. (272 g) | | |
| Cat. No. | Tip Type | Tip Size | Shank Length | Overall Length |
| 602-4-INS | Cabinet Tip | 1/4" (6.4 mm) | 4" (101.6 mm) | 8-5/16" (211.1 mm) |
| 603-4-INS | Phillips | #2 | 4" (101.6 mm) | 8-5/16" (211.1 mm) |

9-Piece Insulated Cushion-Grip Screwdriver Set

- Features three sizes of each tip style: cabinet, keystone, and Phillips
- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets; extra pocket is provided for storage of papers or other items
- Overall dimensions: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm)
- Replacement case (Cat. No. 33538) available



33528

| Cat. No. | Set Contains | Weight | | |
|-----------|---------------------------|--------------------|---------------|--------------------|
| 33528 | | 5.4 lbs. (2.45 kg) | | |
| Cat. No. | Tip Type | Tip Size | Shank Length | Overall Length |
| 601-4-INS | Cabinet Tip | 3/16" (4.8 mm) | 4" (101.6 mm) | 7-3/4" (196.9 mm) |
| 601-7-INS | Cabinet Tip | 3/16" (4.8 mm) | 7" (177.8 mm) | 10-3/4" (273.1 mm) |
| 612-4-INS | Cabinet Tip | 1/8" (3.2 mm) | 4" (101.6 mm) | 7-3/4" (196.9 mm) |
| 602-4-INS | Cabinet Tip | 1/4" (6.4 mm) | 4" (101.6 mm) | 8-5/16" (211.1 mm) |
| 602-7-INS | Cabinet Tip | 5/16" (7.9 mm) | 7" (177.8 mm) | 12-3/8" (314.3 mm) |
| 602-8-INS | Cabinet Tip | 3/8" (9.5 mm) | 8" (203.2 mm) | 13-3/8" (339.7 mm) |
| 6334INS | Phillips | #1 | 4" (101.6 mm) | 7-3/4" (196.9 mm) |
| 603-4-INS | Phillips | #2 | 4" (101.6 mm) | 8-5/16" (211.1 mm) |
| 6337INS | Phillips | #1 | 7" (177.8 mm) | 12-3/8" (314.3 mm) |
| 33538 | heavy-duty polyester case | | | |



Insulated Nut Drivers

FORGED STEEL

from Klein's US-made, proprietary blend



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

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



Cushion-Grip handles for greater torque and comfort

Durable, two layer, molded insulation

Bright orange outer coating is flame and impact resistant

Hollow shafts make it possible to work on stacked circuit boards or other long bolt applications

Tip-Ident® quickly identifies nut driver size



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



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

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

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

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

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

6" (152 mm) Insulated Hollow-Shaft Nut Drivers

Additional Features:

- Slimmer molded insulation with increased durability



646-5/8-INS



| Cat. No. | Color Code | Hex Size | Overall Length | Weight |
|---------------|------------|----------|---------------------|--------------------|
| 646-3/16-INS* | Black | 3/16" | 9-3/4" (247.7 mm) | 2.4 lbs. (1.09 kg) |
| 646-1/4-INS | Red | 1/4" | 9-3/4" (247.7 mm) | 3.2 lbs. (1.45 kg) |
| 646-5/16-INS | Yellow | 5/16" | 9-3/4" (247.7 mm) | 3.2 lbs. (1.45 kg) |
| 646-11/32-INS | Green | 11/32" | 9-3/4" (247.7 mm) | 3.2 lbs. (1.45 kg) |
| 646-3/8-INS | Blue | 3/8" | 10-5/16" (261.9 mm) | 4.0 lbs. (1.81 kg) |
| 646-7/16-INS | Brown | 7/16" | 10-5/16" (261.9 mm) | 4.0 lbs. (1.81 kg) |
| 646-1/2-INS | Red | 1/2" | 11-3/8" (288.9 mm) | 5.6 oz. (159 g) |
| 646-9/16-INS | Orange | 9/16" | 11-3/8" (288.9 mm) | 6.4 lbs. (2.90 kg) |
| 646-5/8-INS | Yellow | 5/8" | 11-3/8" (288.9 mm) | 6.4 lbs. (2.90 kg) |

*3/16" magnetic nut driver does not have hollow shaft





Insulated Nut Driver Sets

9-Piece Insulated Cushion-Grip Hollow-Shaft Nut Driver Set - 6" (152 mm) Shafts

Additional Features:

- Features assortment of popular sized nut drivers
- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets; extra pocket is provided for storage of papers or other items
- Overall case dimensions are: 15" W x 12-3/4" L x 3-1/2" D (381 mm x 324 mm x 89 mm)
- Replacement case available Cat. No. 33534



33524

| Cat. No. | Set Contains | Weight | |
|---------------|---------------------------------|--------------------|---------------------|
| 33524 | | 6.0 lbs. (2.72 kg) | |
| Cat. No. | Color Code | Hex Size | Overall Length |
| 646-3/16-INS | Black | 3/16" | 9-3/4" (247.7 mm) |
| 646-1/4-INS | Red | 1/4" | 9-3/4" (247.7 mm) |
| 646-5/16-INS | Yellow | 5/16" | 9-3/4" (247.7 mm) |
| 646-11/32-INS | Green | 11/32" | 9-3/4" (247.7 mm) |
| 646-3/8-INS | Blue | 3/8" | 10-5/16" (261.9 mm) |
| 646-7/16-INS | Brown | 7/16" | 10-5/16" (261.9 mm) |
| 646-1/2-INS | Red | 1/2" | 11-3/8" (288.9 mm) |
| 646-9/16-INS | Orange | 9/16" | 11-3/8" (288.9 mm) |
| 646-5/8-INS | Yellow | 5/8" | 11-3/8" (288.9 mm) |
| 33534 | Custom heavy-duty Cordura® case | | |

Cordura® is a registered trademark of INVISTA for durable fabrics.
 *3/16" magnetic nut driver does not have hollow shaft

Insulated Skinning Knife

Insulated Lineman's Skinning Knife

- Molded measuring marks on back of handle to help measure stripping length of wire
- Large molded handle for an easier, more comfortable grip
- Tough, tempered steel blade provides maximum sharpness and durability to withstand frequent cable scoring



1571-INS

| Cat. No. | Blade Length | Handle Color | Overall Length | Weight |
|----------|------------------|--------------|-------------------|-----------------|
| 1571INS | 2-3/8" (60.3 mm) | Orange | 8-3/4" (222.3 mm) | 5.6 oz. (159 g) |

See page 310 for additional information on warnings.



Insulated Tool Kits

General-Purpose Insulated 22-Piece Tool Kit

2000™ series

- Case includes three pallets with custom-fitted pockets for each tool, piano-hinged cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items
- Inside dimensions: 7-3/4" W x 14-1/4" D x 8" H (197 mm x 362 mm x 203 mm)
- Overall dimensions: 18-7/8" W x 15-3/8" D x 8-1/4" H (479 mm x 391 mm x 210 mm)
- Replacement case (Cat. No. 33537) available



| Cat. No. | Kit Contains | Weight |
|----------|--------------|----------------------|
| 33527 | | 24.3 lbs. (11.0 2kg) |

| Cat. No. | Description |
|---------------|--|
| D2000-9NE-INS | 9" Side Cutting Pliers Heavy Duty |
| 12098-INS | Side Cutting Pliers Crimping Insulated |
| D2000-28-INS | 8" Insulated Diagonal Cutting Pliers |
| D2000-48-INS | 8" Insulated HD Diagonal Cutting Pliers |
| D203-8N-INS | 8" Insulated HD Long Nose Pliers |
| D220-7-INS | 7" Insulated Diagonal Cutting Pliers |
| D203-6-INS | 6" Insulated Long Nose Cutting Pliers |
| D203-7-INS | 7" Long Nose Pliers Side Cutting |
| 601-4-INS | Insulated 3/16" Cabinet - 4" Screwdriver |
| 601-7-INS | Insulated 3/16" Cabinet - 7" Screwdriver |
| 612-4-INS | Insulated 1/8" Slotted - 4" Screwdriver |
| 602-4-INS | Insulated 1/4" Cabinet - 4" Screwdriver |
| 602-7-INS | Insulated 5/16" Cabinet - 7" Screwdriver |
| 602-8-INS | Insulated 3/8" Cabinet - 8" Screwdriver |
| 6334INS | Insulated #1 Phillips - 4" Screwdriver |
| 603-4-INS | Insulated #2 Phillips - 4" Screwdriver |
| 6337INS | Insulated #1 Phillips - 7" Screwdriver |
| D502-10-INS | 10" Pump Pliers, Insulated |
| 11045-INS | Insulated Wire Stripper and Cutter |
| 63050-INS | Cable Cutter, Insulated, High Leverage |
| 1571INS | Lineman's Skinning Knife, Insulated |
| 1005-INS | Insulated Crimping/Cutting Tool |
| 33537 | Case for Insulated Tool Kit 33527 |

33527



Insulated Tool Kits

Utility Insulated 13-Piece Tool Kit



- The custom case includes two pallets with custom-fitted pockets for each tool, piano-hinged case cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items
- Inside dimensions: 17-3/4" W x 14-1/4" D x 8" H (451 mm x 362 mm x 203 mm)
- Overall dimensions: 18-7/8" W x 15-3/8" D x 8-1/4" H (79 mm x 391 mm x 210 mm)
- Replacement case (Cat. No. 33535) available



33525

| Cat. No. | Kit Contains | Weight |
|---------------|--|---------------------|
| 33525 | | 20.1 lbs. (9.12 kg) |
| Cat. No. | Description | |
| D2000-9NE-INS | 9" Side Cutting Pliers Heavy Duty | |
| D2000-28-INS | 8" Insulated Diagonal Cutting Pliers | |
| D2000-48-INS | 8" Insulated HD Diagonal Cutting Pliers | |
| D203-8-INS | 8" Insulated Long Nose Cutting Pliers | |
| 602-4-INS | Insulated 1/4" Cabinet - 4" Screwdriver | |
| 602-7-INS | Insulated 5/16" Cabinet - 7" Screwdriver | |
| 602-8-INS | Insulated 3/8" Cabinet - 8" Screwdriver | |
| 6334INS | Insulated #1 Phillips - 4" Screwdriver | |
| 603-4-INS | Insulated #2 Phillips - 4" Screwdriver | |
| 6337INS | Insulated #1 Phillips - 7" Screwdriver | |
| 63050-INS | Cable Cutter, Insulated, High Leverage | |
| D502-10-INS | 10" Pump Pliers, Insulated | |
| 1571INS | Lineman's Skinning Knife, Insulated | |
| 33535 | Case for Utility Tool Kit 33525 | |

Utility Insulated 13-Piece Tool Kit with Roll-up Case



- The light, compact, soft roll-up carry case provides protective storage with custom-fitted pockets for each tool
- Kit includes a padded, adjustable shoulder strap
- Case dimensions: Opened 24-1/2" x 24-1/2" (622 mm x 622 mm), Closed 24-1/2" x 5-1/2" (622 mm x 140 mm)
- Replacement roll-up case (Cat. No. 33535SC) available



33525SC

| Cat. No. | Kit Contains | Weight |
|---------------|--|--------------------|
| 33525SC | | 9.8 lbs. (4.45 kg) |
| Cat. No. | Description | |
| D2000-9NE-INS | 9" Side Cutting Pliers Heavy Duty | |
| D2000-28-INS | 8" Insulated Diagonal Cutting Pliers | |
| D2000-48-INS | 8" Insulated HD Diagonal Cutting Pliers | |
| D203-8-INS | 8" Insulated Long Nose Cutting Pliers | |
| 602-4-INS | Insulated 1/4" Cabinet - 4" Screwdriver | |
| 602-7-INS | Insulated 5/16" Cabinet - 7" Screwdriver | |
| 602-8-INS | Insulated 3/8" Cabinet - 8" Screwdriver | |
| 6334INS | Insulated #1 Phillips - 4" Screwdriver | |
| 603-4-INS | Insulated #2 Phillips - 4" Screwdriver | |
| 6337INS | Insulated #1 Phillips - 7" Screwdriver | |
| 63050-INS | Cable Cutter, Insulated, High Leverage | |
| D502-10-INS | 10" Pump Pliers, Insulated | |
| 1571INS | Lineman's Skinning Knife, Insulated | |
| 33535SC | Case for Utility Tool Kit 33525SC | |



Insulated Tool Kits

Premium Insulated 8-Piece Tool Kit

2000™ series

- Cat. No. D2000-9NE-INS and D2000-48-INS cut ACSR, screws, nails and most hardened wire
- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets
- Overall case dimensions are: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm)
- Replacement case (Cat. No. 33536) available



33529

| Cat. No. | Kit Contains | Weight |
|---------------|--|--------------------|
| 33529 | | 6.9 lbs. (3.13 kg) |
| Cat. No. | Description | |
| D2000-9NE-INS | 9" Side Cutting Pliers Heavy Duty | |
| D2000-48-INS | 8" Insulated HD Diagonal Cutting Pliers | |
| D203-8N-INS | 8" Insulated HD Long Nose Pliers | |
| 601-6-INS | Insulated 3/16" Cabinet - 6" Screwdriver | |
| 602-4-INS | Insulated 1/4" Cabinet - 4" Screwdriver | |
| 603-4-INS | Insulated #2 Phillips - 4" Screwdriver | |
| 63050-INS | Cable Cutter, Insulated, High Leverage | |
| 11055-INS | Klein-Kurve® Wire Stripper Insulated | |
| 33536 | Case for Insulated Tool Kit 33529 | |

See individual tool listings for more details.

Basic Insulated 8-Piece Tool Kit

- Highly durable, black nylon case features: nylon-zipper closure, polypropylene handles, custom-fitted tool pockets
- Overall case dimensions are: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm)
- Replacement case (Cat. No. 33536) available



33526

| Cat. No. | Kit Contains | Weight |
|--------------|--|--------------------|
| 33526 | | 6.9 lbs. (3.13 kg) |
| Cat. No. | Description | |
| D213-9NE-INS | 9" Insulated Side Cutting Pliers | |
| D228-8-INS | 8" Insulated, Diagonal-Cutters | |
| D203-8N-INS | 8" Insulated HD Long Nose Pliers | |
| 601-6-INS | Insulated 3/16" Cabinet - 6" Screwdriver | |
| 602-4-INS | Insulated 1/4" Cabinet - 4" Screwdriver | |
| 603-4-INS | Insulated #2 Phillips - 4" Screwdriver | |
| 63050-INS | Cable Cutter, Insulated, High Leverage | |
| 11045-INS | Insulated Wire Stripper and Cutter | |
| 33536 | Case for Insulated Tool Kit 33529 | |

See individual tool listings for more details.