

Lineman's Tools

Klein Tools has established a reputation for manufacturing high quality tools to help linemen do their jobs. The company remains dedicated to making the best hand tools in the industry, and supporting linemen around the world with quality and reliability they can count on every day.



Lineman's Tools



Cable Cutters

Utility Cable Cutter

- Forged steel with black-oxide finish for long life.
- Shear-type hook jaws grab and hold cable while shear-cutting action makes clean cuts.
- Beveled tips for positive mating.
- Hinge bolt with pin-set nut for proper blade tension.
- Non-slip vinyl grips.
- Not designed for cutting steel or ACSR.



63035

Cat. No.	Overall Length	MCM Cable-Cutting Maximum Capacity	Handle Color	Weight (lbs.)
63035	16-3/4" (425 mm)	350 copper, 350 aluminum	red	1.70

Standard Cable Cutters

- Lightweight, yet efficient shear-type cable cutters.
- Replaceable hook-jaw blades grab and hold cable while shear-cutting action makes clean cuts.
- Exceptionally strong fiberglass handles with heavy vinyl grips for comfort and slip resistance.
- Heavy-duty pins in head serve as blade-stops.
- Jaws are forged tool steel with black-oxide finish for long life.
- Makes a clean, even cut for ease in fitting lugs and terminals.
- Beveled tips assure positive mating, and hinge on a rugged bolt with a pin-set nut to maintain proper blade tension.
- Communications Cable Cutter (Cat. No. 63047) cuts lead or rubber-covered communications cable.
- Not designed for cutting steel or ACSR.



63041

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	MCM Cable-Cutting Maximum Capacity	Weight (lbs.)
63041	25-1/2" (648 mm)	1-3/8" (35 mm) diameter	500 copper, 750 aluminum	5.25
63045	32" (813 mm)	1-3/4" (44 mm) diameter	1000 copper, 1200 aluminum	8.00
63047	37" (940 mm)	900-pair soft copper and aluminum	up to 2-1/4" (57 mm) diameter	8.55
Replacement Cable Cutter Heads		Fits Klein Cat. No.		
63081		63041		2.05
63090		63045		3.30
63110		63047		3.50



Ratcheting Cutter – Heavy-Duty For Steel & ACSR

- Ratchet-action design provides maximum leverage with minimum effort for heavy-duty use.
- Cuts steel and ACSR.
- Forged, heat-treated, shear-type blades, plus 24" (609 mm) long steel handles with heavy vinyl grips for comfort and slip-resistance.
- Blade-advance knob for fast rotation of the blade to engage the cable or other material being cut, plus a quick-release mechanism allows for removal of the cable or rod before completion of the cut, if desired.
- Not designed for cutting EHS Guy Strand or reinforcement rod.



63700

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Communications Cable-Cutting Maximum Capacity	Weight (lbs.)
63700	36" (914 mm)	2-1/4" (57 mm) diameter	1-1/4" (32 mm) dia. ACSR, ACAR 7/16" (11 mm) dia. common guy strand 5/8" (16 mm) dia. steel wire rope 1/2" (13 mm) dia. steel rod (C.R.S. SOFT) 750 MCM (1-3/8" dia.) (35 mm) copper or aluminum	14.00

All dimensions are in inches and (millimeters).

⚠WARNING: Do NOT use to cut steel or ACSR.

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



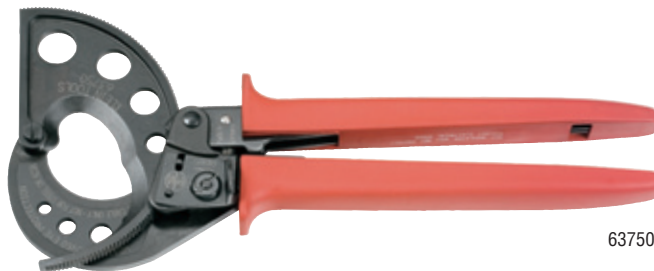
Cable Cutters

Ratcheting Cable Cutters

- High leverage ratchet mechanism for single-handed cutting of copper and aluminum cables, leaving no burrs or sharp edges.
- Patented two-step ratchet mechanism requires fewer strokes per cut (63060 and 63750).
- Quick release opens blades easily in every cutting position. (Allows removal of the cable before completion of cut).
- Precision ratcheting mechanism holds cable tight and allows rapid, straight cuts with minimum effort.
- Hardened steel cutting blades for lasting strength and sharpness.
- Plastic covered handles with hand guards for comfort and firm grip.
- Locking lever keeps handles closed for easy transport; fits in a toolbox or bag.
- One-year warranty.



63060



63750

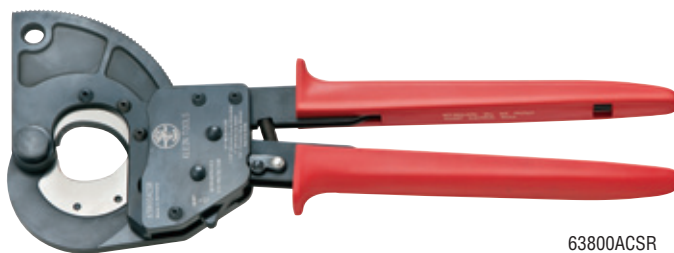
⚠WARNING: Do NOT use to cut steel or ACSR.

Cat No	MCM Maximum Cable Capacity				Length	Weight (lbs.)
	Copper	Aluminum	Communication Cable			
63060	Maximum: 400 kcmil (MCM) (185 mm ²)	Maximum: 600 kcmil (MCM) (300 mm ²)	Maximum: 1-1/8" (28 mm)		10-1/4" (260 mm)	1.32 lbs. (600 g)
63750	Maximum: 1000 kcmil (MCM) (500 mm ²) Frequent Use: 750 kcmil (MCM) (400 mm ²)	Maximum: 1000 kcmil (MCM) (500 mm ²) Frequent Use: 750 kcmil (MCM) (400 mm ²)	Maximum: 2-1/16" (52 mm)		12-1/8" (308 mm)	1.76 lbs. (800 g)



ACSR Ratcheting Cable Cutter

- Cutting inserts are easily replaced by simply removing 3 screws per blade.
- Capacity:
477 MCM ACSR
1-1/4" (32 mm) Ø CU-AL Stranded
1" (25 mm) Ø CU Solid
1/2" (13 mm) Ø Guy Strand (NOT FOR EHS)
- Tool can be locked when not in use.
- High leverage ratcheting mechanism for easier cutting.
- Plastic covered handles with hand guards for comfort and firm grip.
- At a length of just under 14" tool can be carried in a tool pouch.



63800ACSR

Cat. No.	Cutting Capacity ACSR - Max.	Cutting Capacity Stranded Aluminum and Copper - Max.	Cutting Capacity Solid Copper - Max.	Cutting Capacity Guy Strand - Max.	Length	Weight (lbs.)
63800ACSR	477 MCM (273 mm ²)	1-1/4" (32 mm)	1" (25 mm)	1/2" (13 mm)	13-3/4" (349 mm)	3.2
Replacement Cutting Inserts (with set of 6 screws)		Fits Klein Cat. No.				
63858	63800ACSR					

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Bolt Cutters

Bolt Cutters

- Handles have heavy vinyl grips with flat grip ends for 90° cuts.
- All-purpose, center-cut jaws for soft, medium, and hard metals.
- Forged, alloy tool steel jaws are precision ground for sure, efficient cutting, and long life.
- Lockplate reinforcement prevents jaw bolts from loosening or turning, keeps jaws in correct alignment.
- One adjustment realigns cutting edges.
- 3-point toggle joint multiplies 50 lbs. of hand pressure on handles to 4,000 pounds at cutting jaws.



63124

Fiberglass Handles

Cat. No.	Handle Type	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**	Handle Color	Weight (lbs.)
63118	fiberglass	18-1/4" (464 mm)	3/8" (10 mm)	1/4" (6 mm)	red	3.65
63124	fiberglass	24-1/2" (622 mm)	7/16" (11 mm)	5/16" (8 mm)	red	6.13
63130	fiberglass	30-1/2" (775 mm)	1/2" (13 mm)	3/8" (10 mm)	red	9.50
63136	fiberglass	36-1/2" (927 mm)	9/16" (14 mm)	7/16" (11 mm)	red	12.95

* Up to Brinell 300, Rockwell C31.

** Up to Brinell 400, Rockwell C42.

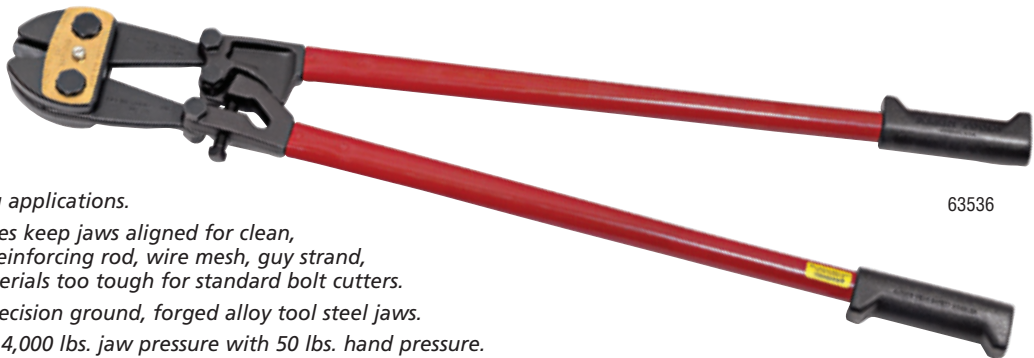
Replacement Fiberglass Handle Sets

Cat. No.	Fits Cat. No.	Weight (lbs.)
63119	63118	2.15
63131	63130	5.56
63137	63136	7.55



Bolt Cutters – Heavy-Duty

- Designed for constant use in the most demanding applications.
- Heavy-duty side plates keep jaws aligned for clean, quick cuts through reinforcing rod, wire mesh, guy strand, and many other materials too tough for standard bolt cutters.
- Steel handles and precision ground, forged alloy tool steel jaws.
- Lever design creates 4,000 lbs. jaw pressure with 50 lbs. hand pressure.
- Handles have heavy vinyl grips with flat grip ends for 90° cuts.



63536

Steel Handles

Cat. No.	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**	Handle Color	Weight (lbs.)
63524	24" (610 mm)	7/16" (11 mm)	5/16" (8 mm)	red	7.10
63530	30" (762 mm)	1/2" (13 mm)	3/8" (10 mm)	red	11.65
63536	36" (914 mm)	9/16" (14 mm)	7/16" (11 mm)	red	16.35
63542	42" (1067 mm)	11/16" (18 mm)	1/2" (13 mm)	red	21.00

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

Replacement Bolt Cutter Heads (complete)

Cat. No.	Fits Cat. No.	Weight (lbs.)
63624	63524	2.75
63630	63530	4.80
63636	63536	6.50
63642	63542	8.70

All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Cable Cutters

Features:

Custom, US-made tool steel.

Hot-riveted joint ensures smooth action and no handle wobble.

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

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



High-Leverage Cable Cutter

JOURNEYMAN

Additional Features:

- Cuts up to 4/0 aluminum AWG (no ACSR), 2/0 AWG soft copper and 100-pair 24 AWG communications cable.
- High-leverage for greater cutting power.
- Precision, one-hand shearing action.

Cat. No.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
J63050	9-9/16" (243 mm)	Journeyman	red/black	.98



J63050

⚠WARNING: Do NOT use to cut steel or ACSR.

Side-Cutting Pliers

Features:

Custom, US-made tool steel.

"Handform" handles for full gripping and cutting power.

Plastic-dipped handles[†] for comfort and ease of identification.

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

Hot-riveted joint ensures smooth action and no handle wobble.

Induction hardened cutting knives for long life.

Sure-gripping cross-hatched knurled jaws.

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

2000 SERIES[®] pliers available. Cuts ACSR, screws, nails, and most hardened wire.

[†]Journeyman pliers available. State-of-the-art, dual-material handles, which provide a better grip without sacrificing tool strength or durability.



All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Side-Cutting Pliers

High-Leverage Side-Cutting Pliers – Heavy-Duty Cutting 2000 SERIES®

Additional Features:

- Cuts ACSR, screws, nails and most hardened wire.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.
- Features combination polished and black-oxide finish.



D2000-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D2000-7	New England	7-7/8" (200 mm)	1-9/32" (33 mm)	1-1/32" (26 mm)	1/2" (13 mm)	3/4" (19 mm)	plastic-dipped	royal blue	.66
D2000-8	New England	8-11/16" (221 mm)	1-7/16" (37 mm)	1-7/64" (28 mm)	5/8" (16 mm)	3/4" (19 mm)	plastic-dipped	royal blue	.85
D2000-9NE	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.09
HD2000-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	heavy-duty, oversized, plastic-dipped	light red	1.15

Journeyman 2000 Series – Dual-material handles

J2000-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.13
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Refer to the insulated section for insulated pliers.

High-Leverage Side-Cutting Pliers

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Sure-gripping, cross-hatched knurled jaws.



D213-9

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9	Square	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.07

High-Leverage Side-Cutting Pliers – Lineman's Bolt-Thread Holding

Additional Features:

- Hinge opening holds and cleans 5/8" pole line and hardware bolts or threaded rods.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamlined design with rounded nose and sure-gripping, cross-hatched knurled jaw.



D213-9NETH



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NETH	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.18
HD213-9NETH	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	heavy-duty, oversized, plastic-dipped	light red	1.12

2000 Series* – Heavy-duty cutting knives

D2000-9NETH	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.18
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*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Pump Pliers

Pump Pliers

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



D502-6

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
D502-6	6-1/2" (165 mm)	7/8" (22 mm)	plastic-dipped	yellow	.41
HD502-6	6-5/8" (168 mm)	7/8" (22 mm)	heavy-duty plastic-dipped	light red	.44
D502-10	10" (254 mm)	1-3/4" (45 mm)	plastic-dipped	yellow	.97
HD502-10	10-1/8" (257 mm)	1-3/4" (45 mm)	heavy-duty plastic-dipped	light red	1.01
D502-12	12-1/4" (311 mm)	2-3/8" (60 mm)	plastic-dipped	yellow	1.37
HD502-12	12-3/8" (314 mm)	2-3/8" (60 mm)	heavy-duty plastic-dipped	light red	1.48
D502-16	16-3/4" (425 mm)	4-1/4" (108 mm)	plastic-dipped	yellow	3.22

Journeyman Series – Dual-material handles

J502-10	10-1/4" (260 mm)	1-3/4" (45 mm)	Journeyman	yellow/black	1.02
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Refer to the insulated section for insulated pliers.

Pump Pliers

JOURNEYMAN

Additional Features:

- Secure tongue and groove design for non-slip grip – even with heavy pressure.
- Wide range of versatile jaw positions.
- Tension-loaded joint to reduce handle wobble for sure gripping.
- Induction-hardened jaws for long life.



J502-10

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
J502-10	10-1/4" (260 mm)	1-3/4" (45 mm)	Journeyman	yellow/black	1.02

Telecom Tools

Diagonal Telephone Work Pliers – Type D-6

- Tapered nose for easy working in confined areas and close tip cutting.
- Convenient .030" and .045" stripping holes.
- "V" stripping notch in jaw for quick insulation slitting.
- Serrated behind the hinge to crush insulation.



72192

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
72192	6-1/8" (156 mm)	13/16" (21 mm)	3/4" (19 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.33

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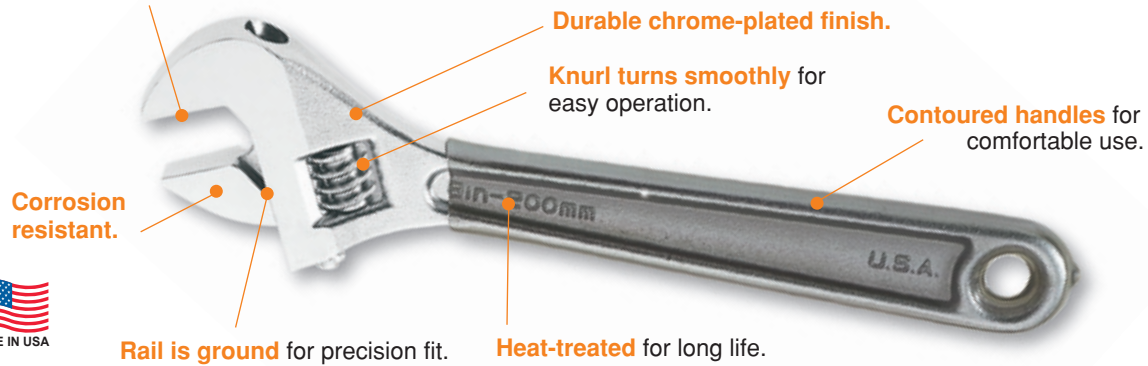


Adjustable Wrenches

Features:

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

Available in high-capacity.



Adjustable Wrenches – Standard Capacity

Additional Features:

- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.



506-8

Cat. No.	Handle Type	Handle Finish	Length	Capacity	Weight (lbs.)
506-10	dovetail	plain	10-1/4" (260 mm)	1-1/8" (28 mm)	.86
506-12	dovetail	plain	12-1/4" (311 mm)	1-5/16" (33 mm)	1.32
500-18	tapered	plain	18-1/4" (463 mm)	2-1/16" (52 mm)	4.67
500-24	tapered	plain	24" (610 mm)	2-1/2" (63 mm)	7.76

Adjustable Wrenches – Standard Capacity, Plastic-Dipped Handles

Additional Features:

- Plastic-dipped handles for added comfort.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.



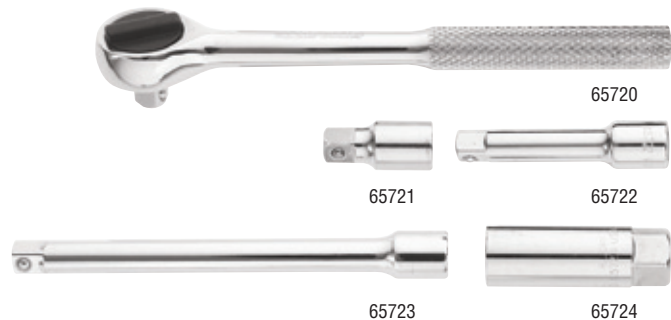
D506-8

Cat. No.	Handle Type	Handle Finish	Length	Capacity	Weight (lbs.)
D506-10	dovetail	plastic-dipped	10-3/8" (264 mm)	1-1/8" (28 mm)	1.00
D506-12	dovetail	plastic-dipped	12-3/8" (315 mm)	1-5/16" (33 mm)	1.44

Socket Wrenches

3/8-Inch Drivers and Extensions

Cat. No.	Description	Weight (lbs.)
65720	7-1/2" ratchet	.73
65721	1-3/4" extension	.09
65722	3" extension	.15
65723	6" extension	.30
65724	5/8" spark plug socket	.21



65720

65721

65722

65723

65724

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT push or hammer wrench.

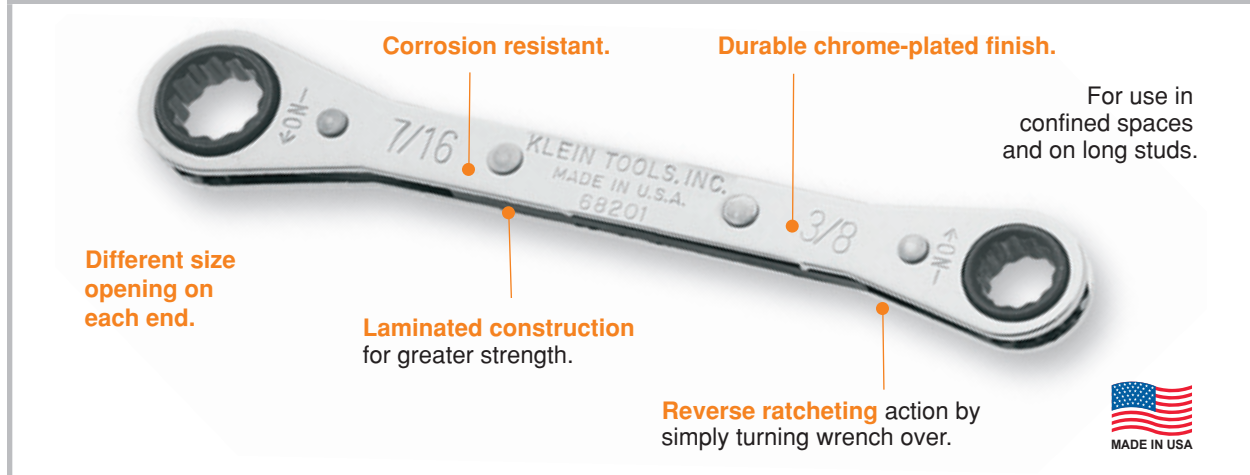
▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

▲WARNING: Do NOT extend handle length.



Ratcheting Box Wrenches

Features:



5-Piece Ratcheting Box Wrench Set

Additional Features:

- Five ratcheting box wrenches packed in a vinyl 8-1/2"W x 10"H (216 mm x 254 mm) roll-up pouch with individual pockets.
- Wrenches flip over to reverse ratchet.

Cat. No.	Set Contains	Weight (lbs.)
68221		1.45

Cat. No.	Point	Size	Length
68200	12	1/4" x 5/16"	4-3/8" (112 mm)
68201	12	3/8" x 7/16"	5-1/2" (140 mm)
68202	12	1/2" x 9/16"	6-7/8" (175 mm)
68203	12	5/8" x 11/16"	8-1/4" (216 mm)
68204	12	5/8" x 3/4"	8-1/4" (216 mm)



7-Piece Ratcheting Box Wrench Set

Additional Feature:

- Set of the ratcheting box wrenches in vinyl roll-up pouch.

Cat. No.	Set Contains	Weight (lbs.)
68222		2.65

Cat. No.	Point	Size	Length
68200	12	1/4" x 5/16"	4-3/8" (112 mm)
68201	12	3/8" x 7/16"	5-1/2" (140 mm)
68202	12	1/2" x 9/16"	6-7/8" (175 mm)
68203	12	5/8" x 11/16"	8-1/4" (216 mm)
68204	12	5/8" x 3/4"	8-1/4" (216 mm)
68205	12	11/16" x 3/4"	9-1/4" (235 mm)
68206	12	13/16" x 7/8"	9-1/4" (235 mm)



All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT push or hammer wrench.

▲WARNING: Never use on or near live electrical circuits.

▲WARNING: Do NOT extend handle length.



Ratcheting Box Wrenches

Ratcheting Box Wrenches

Cat. No.	Point	Size	Length	Weight (lbs.)
68200	12	1/4" x 5/16"	4-3/8" (112 mm)	.13
68201	12	3/8" x 7/16"	5-1/2" (140 mm)	.18
68202	12	1/2" x 9/16"	6-7/8" (175 mm)	.29
68203	12	5/8" x 11/16"	8-1/4" (216 mm)	.43
68204	12	5/8" x 3/4"	8-1/4" (216 mm)	.42
68205	12	11/16" x 3/4"	9-1/4" (235 mm)	.52
68206	12	13/16" x 7/8"	9-1/4" (235 mm)	.69



Ratcheting Lineman's Wrenches

- Bolt-through design allows bolts to pass through the socket.
- 3/4" and 1" x 1-1/8" combination square socket 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.
- KT155T also offers two popular wrench sizes: 9/16" and 3/4".

Cat. No.	Description	Length	Weight (lbs.)
KT151T	Ratcheting Lineman's Wrench	13"	2.12
KT155T	5-in-1 Lineman's Wrench	9-3/8"	1.42



Lineman's Box Wrenches

- "See-through handle" (Klein Klear-Vu™ technology) shows metal ends are not connected.
- 12-point 9/16" and 3/4" sockets.
- Reverse ratcheting action by simply turning wrench over.
- Textured grooves in handle prevent slipping (Cat. No. KT223-INS).
- Solid, one piece design (Cat. No. KT203).
- Chrome plated finish resists corrosion.

Cat. No.	Description	Socket Size	Length	Weight (lbs.)
KT223-INS	Insulating Lineman's Box Wrench	9/16" x 3/4"	8-1/4" (216 mm)	.62
KT203	Lineman's Box Wrench	9/16" x 3/4"	8-1/8" (206 mm)	.55



All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT push or hammer wrench.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

▲WARNING: Do NOT extend handle length.

Ratcheting Offset Box Wrenches

3-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Set of three offset and fully reversible ratcheting box wrenches.
- Different size single-hex openings on each end.
- Includes heavy-duty vinyl pouch.

Cat. No.	Set Contains	Weight (lbs.)	
68244		.61	
Cat. No.	Point	Size	Length
68234	6	1/4" x 5/16"	4-3/8" (112 mm)
68236	6	3/8" x 7/16"	5-1/2" (140 mm)
68238	6	1/2" x 9/16"	6-3/4" (171 mm)



68244

5-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Set of the offset reversible ratchet box wrenches in vinyl roll-up pouch.
- Two grommet holes for hanging.

Cat. No.	Set Contains	Weight (lbs.)	
68245		1.57	
Cat. No.	Point	Size	Length
68234	6	1/4" x 5/16"	4-3/8" (112 mm)
68236	6	3/8" x 7/16"	5-1/2" (140 mm)
68238	6	1/2" x 9/16"	6-3/4" (171 mm)
68240	12	5/8" x 11/16"	8-1/8" (206 mm)
68242	12	3/4" x 7/8"	9-1/8" (232 mm)



68245

Fully Reversible Ratcheting Offset Box Wrenches

- Both ends are offset 25° for more convenient use in confined spaces.
- Quick-flip reversing lever for instant ratchet reversal.
- Laminated construction for greater strength.
- Chrome-plated for rust resistance.
- Different size openings at each end.



68236

Cat. No.	Point	Size	Length	Weight (lbs.)
68234	6	1/4" x 5/16"	4-3/8" (112 mm)	.13
68236	6	3/8" x 7/16"	5-1/2" (140 mm)	.18
68238	6	1/2" x 9/16"	6-3/4" (171 mm)	.30
68240	12	5/8" x 11/16"	8-1/8" (206 mm)	.46
68242	12	3/4" x 7/8"	9-1/8" (232 mm)	.50



All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT push or hammer wrench.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

▲WARNING: Do NOT extend handle length.



Socket Wrench Sets

9-Piece 3/8-Inch Drive "D" Socket Wrench Set

Special tool selection for telephone work on cable enclosures and pole hardware.

Set consists of the following pieces:

- Four 6-point deep sockets: 3/8", 7/16", 1/2", and 9/16".
- One 3/8"-drive reversible ratchet: 7-7/8" long.
- Two extensions: 3" and 5" long.
- One 9/16" combination wrench: 6-5/8" long.
- One 3/16" hex nut driver.
- Hinged metal box.



65503

Cat. No.	Description	Weight (lbs.)
65503	complete 9-piece "D" wrench kit plus metal box	3.60

Specialty Wrenches

Can Wrench



68005

- Two tools in one; saves space in your pouch.
- One end opens telephone box fasteners, the other end tightens nuts on binding-post terminals.
- The 7/16" socket has a black finish and the 3/8" socket has a silver finish.
- Sockets are 1-1/4" (32 mm) deep to fit over long binding posts and are thin-walled for easy access into tight areas.
- Socket ends are color-coded for quick identification of socket sizes.
- Hex-socket design enables using a wrench to obtain extra torque.
- High-impact, break-resistant handle for long and dependable service.
- Sockets are heat-treated, alloy steel.

Cat. No.	Description	Length	Handle Diameter	Weight (lbs.)
68005	3/8" and 7/16" hex nut	7" (178 mm)	1" (25 mm)	.35

Bell System Type



3146B

- Similar to standard lineman's wrench, but with end openings sized to NEMA hardware specifications.
- Silver painted finish.

Cat. No.	Description	Length	Weight (lbs.)
3146B	Large end has 1-1/16" and 1-3/16" openings. Small end has 11/16" and 7/8" openings.	13" (330 mm)	1.76

Lineman's Wrenches



3146

- Forged from special bar steel and heat-treated for long life.
- Each end has two different size openings.
- Hole is provided at larger end for turning-in standard pole steps.
- Wrench is suited for use on heavy three-bolt guy clamps on which clearance is limited.
- Dark blue painted finish (small end is painted silver on Cat. No. 3146A).

Cat. No.	Description	Length	Weight (lbs.)
3146	For 5/8" hardware. Large end has 29/32" and 1-3/32" openings. Small end has 5/8" and 13/16" openings.	13" (330 mm)	1.85
3146A	For 3/4" hardware. Large end has 1-1/16" and 1-5/16" openings. Small end has 5/8" and 7/8" openings.	13" (330 mm)	1.70



All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT push or hammer wrench.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

▲WARNING: Do NOT extend handle length.

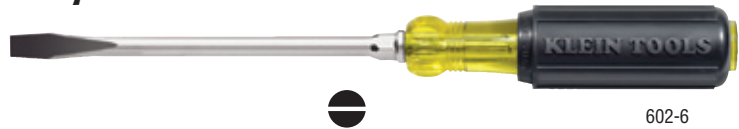


Cushion-Grip Screwdrivers

Keystone-Tip Screwdrivers – Heavy-Duty Round-Shanks

Additional Features:

- Built to handle the tough jobs with ease.
- Hex bolster reinforces shank for hard use and allows wrench assisted turning.



602-6

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
600-1*	1/4" (6 mm)	1-1/2" (38 mm)	3-7/16" (87 mm)	.10
602-3	7/32" (6 mm)	3" (76 mm)	6-3/4" (171 mm)	.15
602-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
602-6	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.35
602-8	3/8" (10 mm)	8" (203 mm)	13-7/16" (341 mm)	.55
602-10	3/8" (10 mm)	10" (254 mm)	15-7/16" (392 mm)	.60
602-12	3/8" (10 mm)	12" (305 mm)	17-7/16" (443 mm)	.65

* Bolster not available on 600-1.
Refer to the insulated section for insulated screwdrivers.

Journeyman™ Screwdriver Sets

5-Piece Journeyman™ Screwdriver Set

JOURNEYMAN

Additional Features:

- General purpose selection of the most frequently used screwdrivers.

Cat. No.	Set Contains	Weight (lbs.)
JSDS01		1.15

Cat. No.	Description	Shaft Length	Overall Length
JSD6C06	3/16" Cabinet Tip Screwdriver	6" (152 mm)	10-1/4" (260 mm)
JSD4K08	1/4" Keystone Tip Screwdriver	4" (102 mm)	9" (228 mm)
JSD6K09	5/16" Keystone Tip Screwdriver	6" (152 mm)	11" (279 mm)
JSD4PH1	#1 Phillips Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)
JSD4PH2	#2 Phillips Tip Screwdriver	4" (102 mm)	9" (228 mm)



JSDS01

7-Piece Journeyman™ Screwdriver Set

JOURNEYMAN

Additional Features:

- Accommodates a broad range of standard fastener sizes.

Cat. No.	Set Contains	Weight (lbs.)
JSDS02		1.65

Cat. No.	Description	Shaft Length	Overall Length
JSD4C06	3/16" Cabinet Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)
JSD6C06	3/16" Cabinet Tip Screwdriver	6" (152 mm)	10-1/4" (260 mm)
JSD4K08	1/4" Keystone Tip Screwdriver	4" (102 mm)	9" (228 mm)
JSD6K09	5/16" Keystone Tip Screwdriver	6" (152 mm)	11" (279 mm)
JSD4PH1	#1 Phillips Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)
JSD4PH2	#2 Phillips Tip Screwdriver	4" (102 mm)	9" (228 mm)
JSD6PH3	#3 Phillips Tip Screwdriver	6" (152 mm)	11" (279 mm)



JSDS02

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Will NOT protect against electrical shock.

⚠WARNING: Do NOT use to pry or chisel.



Hammers

Lineman's Straight-Claw Hammer



832-32

- Heavy-duty, double-duty hammer drives lags and pulls big nails.
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw.
- Straight-grain hickory handle, lacquered.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
832-32	32 oz. (907 g)	15" (381 mm)	2.50



Hammers



Lineman's Double-Face Hammer



809-36

- Designed for pole-line work.
- Rugged and well-balanced, with the weight to drive lag bolts.
- Forged, tempered-steel head is only 3-3/4" (95 mm) long for use in tight areas.
- Identical faces with 1-3/4" (44 mm) round-crown driving surface and beveled edges.

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
809-36	36 oz. (1021 g)	14" (356 mm)	2.50

All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: Always wear approved eye protection.



Pocket Knives – One Blade

Lightweight Lockback Knives

- Blades are AUS 8 stainless steel hardened to 58-59 Rc.
- Premium quality blade offers superior edge holding.
- Impact-resistant nylon resin handle with rubber insert (Cat. Nos. 44002-44005).
- Slim and comfortable silver anodized-aluminum handle for corrosion-resistance (Cat. Nos. 44000, 44001, 44006, 44007, 44008).
- Black chrome blade and black anodized-aluminum handle for corrosion-resistance (Cat. Nos. 44000-BLK and 44001-BLK).
- Cat. No. 44008 features drop point and screwdriver blades.
- Reversible thumb stud provides easy one-handed opening.

Cat. No.	Blade Steel	Blade Length	Closed Length	Weight (oz.)
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Drop Point Blade

44000	AUS 8 stainless steel	2-1/4" (57 mm)	3-1/8" (76 mm)	1.5
44000-BLK	AUS 8 stainless steel	2-1/4" (57 mm)	3-1/8" (76 mm)	.08
44001*	AUS 8 stainless steel	2-1/2" (64 mm)	3-1/2" (89 mm)	2.5
44001-BLK*	AUS 8 stainless steel	2-1/2" (64 mm)	3-1/2" (89 mm)	1.3
44002	AUS 8 stainless steel	2-3/8" (60 mm)	3-1/2" (89 mm)	1.5
44003	AUS 8 stainless steel	2-3/4" (70 mm)	4-1/8" (105 mm)	2.5

Sheepfoot Blade

44004	AUS 8 stainless steel	2-3/8" (60 mm)	3-1/2" (89 mm)	1.5
44005	AUS 8 stainless steel	2-5/8" (67 mm)	4-1/8" (105 mm)	2.5
44006*	AUS 8 stainless steel	2-5/8" (67 mm)	3-1/2" (89 mm)	.13

* Includes a pocket/belt clip.



44001-BLK



44001



44002



44005

Cat. No.	Blade Steel	Blade Length	Closed Length	Weight (oz.)
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Coping Blade

44007*	AUS 8 stainless steel	2-1/2" (63 mm)	3-1/2" (89 mm)	.15
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* Includes a pocket/belt clip.

Compact Pocket Knives – Drop Point Blade

- Compact and lightweight knives.
- Stainless steel handles and blades for long life.



44033

- Rosewood handle inserts on both sides.
- Modified spearpoint blades lock open.

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
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44032	stainless steel	1-5/8" (41 mm)	2-1/2" (64 mm)	1.0
44033	stainless steel	2" (51 mm)	3" (76 mm)	1.8
44034	stainless steel	2-5/8" (67 mm)	4" (102 mm)	4.0



Money-Clip Pocket Knife – Spearpoint Blade and Nail File

- Handsome, brushed stainless steel case with rosewood insert.
- Includes money clip, 1-1/2" (38 mm) spearpoint blade and 1-1/2" (38 mm) nail file.

Cat. No.	Blade Type	Blade Length	Length Closed	Weight (oz.)
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44031	stainless steel	1-1/2" (38 mm)	2-1/8" x 7/8" x 1/4" (54 mm x 22 mm x 6 mm)	.8
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44031

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Never use on or near live electrical circuits.



Pocket Knives – One Blade

Sportsman Knives – Sharp Point Blade

- Curved handle with big bolster.
- Brass bolsters and ebony wood handles.
- Stainless steel blades for long life.
- Brass linings.



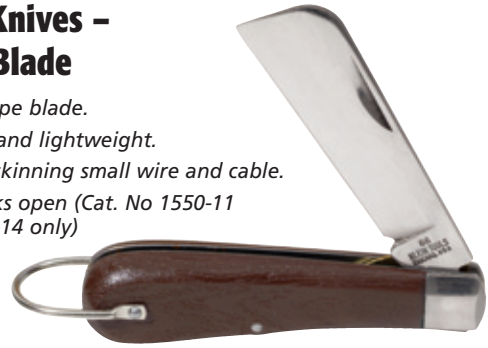
- Blades lock open.
- Cat. No. 44037 furnished with leather snap case with belt loop.

44037

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
44035	stainless steel	2" (51 mm)	3" (76 mm)	1.5
44036	stainless steel	2-3/8" (60 mm)	3-1/2" (89 mm)	2.5
44037	stainless steel	3-3/8" (86 mm)	4-7/8" (124 mm)	6.5

Pocket Knives – Coping Blade

- Coping-type blade.
- Compact and lightweight.
- Ideal for skinning small wire and cable.
- Blade locks open (Cat. No 1550-11 and 1550-14 only)



- Woodgrain plastic handle (Cat. No. 1550-14 only)

1550-14

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-5	carbon steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5
1550-11*	carbon steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5
1550-14*	carbon steel	3" (76mm)	4-1/4" (108mm)	4.0
1550-45	stainless steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5

*Blade locks open

Pocket Knives – Sheepfoot Slitting Blade

- Extra-large curved sheepfoot slitting-blade – 2-5/8" (67 mm) long.
- Ideal for heavy-duty line work.
- Woodgrain plastic handle.
- Blade locks open.



1550-4

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-4	carbon steel	2-5/8" (67 mm)	4" (102 mm)	4.0
1550-44	stainless steel	2-5/8" (67 mm)	4" (102 mm)	4.0

Pocket Knife – Slitting Blade

- Large, stainless steel, curved-sheepfoot slitting blade – 2-1/2" (64 mm) long.
- Ideal for heavy-duty line work.
- Plastic handle.
- Blade locks open.



1550-24

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-24	stainless steel	2-1/2" (64 mm)	4-3/8" (111 mm)	2.5

Pocket Knives – Two Blades

2-Blade Pocket Knives – Spearpoint and Screwdriver-Tip Blades

- Standard spearpoint blade – 2-1/2" (64 mm) long.
- Screwdriver-tip blade – 2-1/2" (64 mm) long.
- Screwdriver-tip blade locks open.



1550-2

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-2	carbon steel	2-1/2" (64 mm)	3-3/4" (95 mm)	4.0
1550-42	stainless steel	2-1/2" (64 mm)	3-3/4" (95 mm)	4.0

2-Blade Pocket Knife – Sheepfoot and Screwdriver-Tip Blades

- Curved sheepfoot slitting blade – 2-3/8" (60 mm) long.
- Screwdriver-tip blade – 2-1/2" (64 mm) long.
- Screwdriver blade locks open.



1550-7

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-7	carbon steel	2-3/8" (60 mm) and 2-1/2" (64 mm)	3-3/4" (95 mm)	4.0

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Never use on or near live electrical circuits.

Pocket Knives – One Blade

Cable/Lineman's Skinning Knives



- Three-inch steel blade withstands frequent scoring and slitting of cable jacket.
- Blade and ring are securely molded in handle.
- Notch on blade back for scraping or removing wire insulation.
- Comfortable textured handle with finger grooves and guard.
- Heavy-duty serrated steel blade for saw-action cutting (Cat. No. 1560-3).
- No contact between stainless steel ring and hardened steel blade (available on Cat. No. 1570-3).
- Rectangle-shaped handle design for attachment to some utility hot stick equipment.
- Leather sheath available, Cat. No. 5163.



Cat. No.	Description	Handle Color	Length Less Ring	Weight (lbs.)
1560-3	serrated blade, notch, and ring	black	8" (203 mm)	.30
1570-3	hook blade, notch, and ring	red	8" (203 mm)	.30
1570-3LR	hook blade and notch	red	8" (203 mm)	.29

Sharpening Tools

Pocket-Sized Knife Sharpener

- A rugged, versatile sharpener featuring fine craftsmanship and unique design.
- Blade unscrews and stores in handle for convenient carrying tool box, pouch, or pocket.
- Blade is precision-cut, hard-chromed steel for accurate, consistent sharpening and long life.
- Magnetized to trap metal particles when sharpening.
- Handle is high-visibility orange color, with handy pocket clip.



Cat. No.	Blade Length	Length Closed	Weight (lbs.)
44151	3-3/4" (95 mm)	5-1/2" (140 mm)	.05

Special-Purpose Knives

Cable-Sheath Splitting Knife



- Compact, lightweight knife for opening lead cables.
- Rugged, forged tempered cutlery steel blade.
- Sharp, chisel-shaped edge.
- Hammer head on back.
- Plastic-dipped handle for comfort.
- Leather guard available, Cat. No. 5574S.

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
1515-S	7-3/8" (187 mm)	2-19/32" (66 mm)	.35

Bell System Cable-Sheath Splitting Knife – Heavy-Duty



- Heavy-duty knife for splitting cable sheaths.
- Rugged, forged tempered cutlery steel blade.
- Sharp chisel-shaped edge.
- Plastic-dipped handle for comfort.
- Leather guard available, Cat. No. 5574L.

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
1515-1	8-3/4" (222 mm)	4-1/2" (114 mm)	1.20

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Never use on or near live electrical circuits.



Special-Purpose Knives

Cable-Splicer's Kits

- Cuts cable, telephone wire, and strips insulation.
- Dimensions: 2-1/8" x 7-1/2" (54 mm x 191 mm).

Cat. No.	Kit Contains	Weight (lbs.)
46037	cable splicer's kit	.50
Cat. No.	Description	
44200	cable-splicer's knife	
2100-7	electrician's scissors with stripping notches	
5187	slotted leather holder for belts up to 2" (51 mm) wide	



46037

Cable-Splicer's Knife

- Special-purpose short blade with comfortable, full-sized, heavy-duty handle.
- Coping-type blade made of the finest cutlery steel, tough and carefully tempered to hold its edge.
- Handle is textured for comfort and firm grip.
- Hang hole for easy storage and portability.

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
44200	6-1/4" (159 mm)	1-3/4" (44 mm)	.15



44200

Electrician's Scissors

Electrician's Scissors

- Designed for telecom and electrical applications and heavy-duty use.
- Strong, tough tempered steel.
- Nickel-plated finish resists corrosion.
- Scraper and file on outside of both blades.



2100-5

Cat. No.	Overall Length	Cutting Length	Weight (lbs.)
2100-5	5-1/4" (133 mm)	1-7/8" (48 mm)	.20

Electrician's Scissors – Stripping Notches

- Upper blade has notches for stripping 19 AWG and 23 AWG wire.
- Designed for telecom and electrical applications and heavy-duty use.
- Strong, tough tempered steel.
- Nickel-plated finish resists corrosion.
- Scraper and file on outside of both blades.
- Serrated lower blade reduces slippage.



2100-7

Cat. No.	Overall Length	Cutting Length	Weight (lbs.)
2100-7	5-1/4" (133 mm)	1-7/8" (48 mm)	.20

Stainless Steel Electrician's Scissors – Stripping Notches

- Stainless steel blades to maintain blade durability and sharpness.
- Blade is fully serrated for non-slip cutting action.
- Free-fall snip feature for ease of use (2100-8).
- Cuts electrical communication 19 AWG and 23 AWG wire.
- Extended handle provides comfort and cutting leverage for wire cutting application (2100-8).
- 56 HRC.



2100-9



2100-8

Cat. No.	Overall Length	Cutting Length	Weight (lbs.)
2100-8	6-5/16" (160 mm)	1-7/8" (48 mm)	.21
2100-9	5-1/4" (133 mm)	1-7/8" (48 mm)	.21
2101-0*	1-7/8" (48 mm)	6-5/16" (160 mm)	.21

*Free-fall snip with carbon steel blade.

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

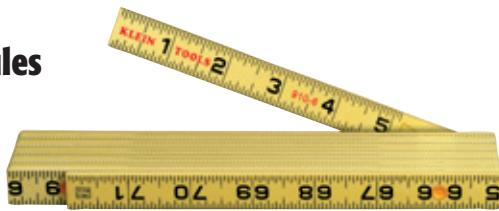
▲WARNING: Never use on or near live electrical circuits.

▲WARNING: NOT insulated. Will NOT protect against electrical shock.



Folding Rules

Fiberglass Folding Rules



910-6

- Constructed of tough nylon, reinforced with glass fibers for added durability, and resistance to weather, abrasion, and most chemicals.
- Positive locking joints and stainless steel spring hinges for added strength.
- Measurements are marked on both sides and both edges, graduated to 1/16th inch.
- Black markings on yellow, with red stud center markings every 16 inches.
- Engraved graduations on both sides.

Cat. No.	Reading	Length	Weight (lbs.)
910-6	inside	6' (183 cm)	.33
911-6	outside	6' (183 cm)	.33



Fiberglass Tapes

Woven Fiberglass Tape – Case

- Woven fiberglass tape with moisture-proof coating of polyvinyl chloride assures durability and protects against oil or chemicals.
- Can be immersed in water without adverse effects.
- All metal parts are nickel-plated for protection against rust.
- End-hooks are permanently attached to reinforced strip.
- Black case and reel are ruggedly built, yet lightweight and comfortable to use.
- Tape line graduated in feet and inches to 8ths.
- Black graduating numbers and red foot markings on yellow background.
- Protective carrying case encloses tape completely.
- Tape ring tucks neatly into case opening for storage.

Cat. No.	Length	Width	Weight (lbs.)
946-50	50' (15 m)	1/2" (13 mm)	.80
946-100	100' (30 m)	1/2" (13 mm)	1.20



946-100

Woven Fiberglass Tape – Open-Reel

- Woven fiberglass tape with moisture-proof coating of polyvinyl chloride assures durability and protects against oil or chemicals.
- Can be immersed in water without adverse effects.
- Black figures on a yellow background are easy to read.
- All metal parts are nickel-plated for protection against rust.
- End hooks are permanently attached to a reinforced strip.
- Case and reel are ruggedly built, yet lightweight and comfortable to use.
- Tape line is graduated in feet and inches to 8ths.
- Graduations and numbers are black; foot markings are red.
- Contained in a high-visibility orange open reel and is easy to handle and rewind.
- Line will not collect dirt or bring debris into the case.

Cat. No.	Length	Width	Weight (lbs.)
946-150	150' (46 m)	1/2" (13 mm)	1.70



946-150

All dimensions are in inches and (millimeters) unless otherwise specified.

WARNING: Always wear approved eye protection.



Protective Eyewear

Features:

Impact resistant polycarbonate lenses block greater than 99.9% of harmful UVA and UVB radiation up to 400 nanometer.

Permanently bonded **Uvextreme® anti-fog coating** with anti-scratch, anti-static and UV protection properties.

Adjustable spatulite temples provide a comfortable customized fit.

Temple-end holes for easy lanyard attachment.

Meets the traffic signal color recognition requirements of **ANSI Z80.3-1996**.



Lens Color



Uvextreme® and Spectrum Control Technology® (SCT™) are registered trademarks of Sperian Eye & Face Protection, Inc.

*SCT® = Spectrum Control Technology

Protective Eyewear – Standard

Additional Features:

- Meets Mil V₀ ballistic test for impact.
- Soft elastomer brow-guard absorbs, diffuses and deflects impact energy.
- Soft flexible fingers adjust and conform to most nasal profiles reducing slippage.
- Three position ratchet lens inclination adjusts for a custom fit and unsurpassed comfort.
- Lens designed to follow the contour of the cheekbone and create a "zone of protection."
- Dual 9-base wrap-around lens provides uncompromised peripheral vision.
- Unique ventilation channel delivers an outstanding level of moisture and fog control.



60053

Cat. No.	Frame Color	Lens Color	Environment	Light Intensity	True Color Recognition	Visual Light Transmitted	IR Absorption	Blue Light transmittance	Accidental Arc Protection	Weight (lbs.)
60046	black	dark gray	outdoor	normal to bright	Yes	10%	60%	–	No	.15
60047	black	SCT* gray	outdoor	normal to bright	Yes	15%	>85%	<7%	Yes	.15
60049	black	amber	indoor/ outdoor	normal to low	No	90%	–	–	No	.15
60053	black	clear	indoor	normal to low	Yes	92%	–	–	No	.15
60054	royal blue	clear	indoor	normal to low	Yes	92%	–	–	No	.15
60055	black	espresso	outdoor	normal to bright	Yes	15%	60%	<3%	No	.15

Protective Eyewear – Frameless

Additional Features:

- Dual nine-base wrap-around lens with integrated side shields provides a clear, unobstructed field of vision and superior coverage.
- Sleek, frameless design is featherlight (22 grams) for all-day comfort.
- Lens inclination adjustment system for a customized fit.
- Molded-in nose bridge provides uncompromised comfort and fit.



60056

Cat. No.	Frame Color	Lens Color	Environment	Light Intensity	True Color Recognition	Visual Light Transmitted	IR Absorption	Blue Light transmittance	Accidental Arc Protection	Weight (lbs.)
60056	black	clear	indoor	normal to low	Yes	92%	–	–	No	.15
60057	black	espresso	outdoor	normal to bright	Yes	15%	60%	<3%	No	.15

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



Hard Hats & Caps

V-Gard® Cap and Hat

- Polyethylene shell with 4-point Fas-Trac® ratcheting suspension.
- Standard size fits head sizes 6 - 8.
- Cap and Full-Brim Hat style available.
- Three branding choices: plain front, Klein Tools Lineman Logo, Klein Tools Standard Logo.
- Three color choices: White, Yellow, and Blue.
- Type I helmet meets or exceeds ANSI Z89.1-2003 and CSA Z94.1-2005 specifications for Class E.
- Third Party Certified by Safety Equipment Institute.
- Full line of accessories designed specifically for the V-Gard® Cap and Hat are available.

V-Gard® and Fas-Trac® are registered trademarks of MSA, the safety company.







Available in three colors



60031



60023

Front Logo	none								
Style	Cat. No	Color	Weight (lbs.)	Cat. No.	Color	Weight (lbs.)	Cat. No.	Color	Weight (lbs.)
	60016	white	.86	60019	white	.86	60022	white	.86
	60018	blue	.86	60021	blue	.86	60023	yellow	.86
	60028	white	.95	60031	white	.95	60034	white	.95
	60030	blue	.95	60033	blue	.95	60036	blue	.95

Back Logo All V-Gard helmet backs contain the Klein logo with American flag (pictured blue hard hat in square). Logo color varies depending on shell color.

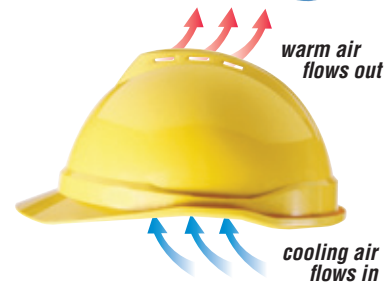
Advance® Cap

- Vented style provides cooling vents for improved air circulation and comfort.
- Glaregard™ under the brim reduces reflective glare.
- Lateral contours above the ear for easy integration of hearing protection.
- Polyethylene shell with 4-point Fas-Trac® ratcheting suspension.
- Lightweight design for added comfort.
- Standard size fits head sizes 6 - 8.
- Branding: Plain front with Klein Tools Logo and American Flag on the back of the cap.
- Type I helmet meets or exceeds ANSI Z89.1-2003 and specifications for Class C.
- Third Party Certified by Safety Equipment Institute.
- Full line of accessories designed specifically for the Advance® Cap.



60027

Available in three colors



Cat. No.	Color	Weight (lbs.)
60025	white	.84
60027	blue	.84

All Advance® cap backs contain the Klein logo with American flag (pictured blue hard hat in square). Logo color varies depending on shell color.

Glaregard™ is a trademark of, and Advance®, Fas-Trac® are registered trademarks of MSA, the safety company.

Scope of Z89.1 - 2003 American National Standard for Head Protection

The most recent standard was approved in July 2003 and continues to cover requirements for two types of impact-resistant helmets:

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. The new standard's performance requirements for Type I and Type II Helmets are equivalent to those specified in the 1998 revision.

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. The electrical performance requirements in the 2003 standard are identical to those in the 1997 standard.

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



Hard Hats & Caps

Skullgard® – Cap and Hat



60038

- Heavy-duty construction for use in steel mills and other heavy industries where elevated temperatures are common.
- Resin shell with 4-point Fas-Trac® ratcheting suspension.
- Standard size fits head sizes 6 - 8.
- Cap and hat styles available.
- Branding is not available.
- Traditional tan color.
- Type I helmet meets or exceeds ANSI Z89.1-2003 and specifications for Class G.
- Third Party Certified by Safety Equipment Institute.
- Full line of accessories available that are designed specifically for the Skullgard® cap and hat.

Cat. No.	Type	Color	Weight (lbs.)
60038	hat	tan	1.03

Western Outlaw Hat



60039

- Wide brim provides protection from the sun, rain, heat, and glare.
- Comfortable Western style design.
- 4-point ratcheting suspension.
- Standard size comfortably fits head sizes up to 7-1/4.
- Type I helmet meets or exceeds ANSI Z89.1-2003 and specifications for Class E.
- Branding: Klein Tools logo on the front of the hat.
- Classic tan color.
- Accessories not available.

Cat. No.	Type	Color	Weight (lbs.)
60039	Western Hat	tan	1.24

Accessories

V-Gard®, Advance® and Skullgard® Accessories

Cat. No.	Description	Weight (oz.)
Replacement Suspension - Standard Size		
59979	Skullgard® Cap Fas-Trac® – 4-point ratcheting	3.9
Defender® + Faceshield Frames (All frames meet Z87.1-2003)		
59985	Plus Universal Foldback Frame-dielectric for caps	2.9
59986	Plus Universal Foldback Frame-dielectric for hats	3.2

Skullgard® is a registered trademark of MSA, the safety company.



59985

V-Gard®, Advance®, Fas-Trac®, and Defender® are registered trademarks of MSA, the safety company. Thinsulate™ is a trademark of 3M. Accessories sold separately.

Gloves

Lineman Work Gloves

- 4" Neoprene cuff with side vents.
- Soft grain leather construction and reinforced leather patches for added flexibility.
- Double-row padded knuckle for durability and long life.

	Medium	Large	Extra-Large	Weight (lbs.)
Cat. No.	40080	40082	40084	.25

⚠WARNING: These gloves are not intended for energized electrical use.

NEW!



40080

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



Gloves

Utility Gloves

JOURNEYMAN

- Supple, breathable, durable synthetic leather palm added for firm grip.
- Two-way stretch spandex padded top features form-fitting elasticity.
- Reinforced thumb, index finger and fingertips add protection.
- Concealed interior seam stitching prevents snagging.
- Wide opening elastic cuff features an easy entry design.
- Contact points on index finger and thumb feature smooth surface for improved handling of objects.

	Medium	Large	Extra-Large	Weight (lbs.)
Cat. No.	40052	40053	40054	.25



40052

Heavy-Duty Protection Gloves

JOURNEYMAN

- Streamlined high-density accordion knuckle panel reduces impact.
- High profile, impact absorbing molded Thermal Plastic Rubber (TPR) finger protection.
- Non-slip rubberized Zeus™ Clarino® finger and thumb grippers and panel on heel of hand provide grip control and longer wear.
- Synthetic leather with breathable mesh side-insert finger panels for comfort and flexibility.
- Two-ply synthetic leather palm with anatomically die cut Ethylene Vinyl Acetate (EVA) foam padded impact zones.
- Thermal Plastic Rubber (TPR) cuff strap with hook and loop closure.
- Neoprene cuff allows easier access with additional wrist protection and comfort.

	Medium	Large	Extra-Large	Weight (lbs.)
Cat. No.	40062	40063	40064	.46

Zeus™ Clarino® is a trademark of Kuraray Co., Ltd.



40062

Leather Work Gloves

JOURNEYMAN

- Genuine Goatskin professional-grade leather offers the finest in comfort and protection.
- Two-way form-fitting spandex top increases ventilation, comfort and fit.
- Molded Thermal Plastic Rubber (TPR) ribs offer flexible protection for back of hand and fingers.
- Lightly padded palm for increased grip and comfort.
- Easy-entry elastic cuff ventilates and increases comfort.
- Stretch knuckle with Ethylene Vinyl Acetate (EVA) foam padding.
- Thermal Plastic Rubber (TPR) cuff strap with hook and loop closure.

	Medium	Large	Extra-Large	Weight (lbs.)
Cat. No.	40067	40068	40069	.30



40067

Long-Cuff Gloves

- Soft, flexible, top-grain cowhide leather.
- Leather fingers, palm, pull, and knuckle strap.
- Gunn cut with seams away from wear surfaces.
- Wing thumb, seamless index finger, elastic wrist-back strap.
- Lined palm and fingers.
- Rubberized, waterproof, bell gauntlet cuff 5" (127 mm) long.
- Light-gray leather, striped-blue cuff.

Cat. No.	Size	Weight (lbs.)
40010	large	.59
40012	extra large	.68



40010

⚠ WARNING: Not flameproof or fire retardant. DO NOT expose to open flame or sparks.



Wasp and Hornet Spray

Wasp and Hornet Spray

- Quick knock-down occurs with instant freeze action for use on wasp and hornet nests either indoors or outdoors.
- As liquid propellant instantly evaporates, a drop in the temperature paralyzes the insect causing immediate knock-down.
- A 20-foot, high pressure, non-flammable fogging system provides effective use on entire nests and ends re-infestation.
- High dielectric breakdown voltage of 25,000 volts.
- Spray distance and pressure remains throughout the life of the can.

Cat. No.	Net Weight	Cap Color
50990	14 oz. (396 g)	red



50990

RTV Sealants

General Purpose Clear RTV Silicone Adhesive

- Adhesive/Sealant is a gel-like, single component material that cures to a rubbery solid when exposed to moisture in the air.
- Silicone will not sag, slump or run off.
- Adheres to clean metal, glass, most types of oily wood, vulcanized silicone rubber, silicone resins, natural and synthetic fibers, ceramic, paper as well as many painted and plastic surfaces.
- Resists ultraviolet light.
- Automatic dispensing can, with provided plastic nozzle, allows for an even and uniform application to eliminate waste, mess and lumps.

Cat. No.	Net Weight	Cap Color
50995	8 oz. (227 g)	clear



50995

Lubricants

Multi-Purpose Penetrant Lubricant

- All purpose, non-flammable, non-conductive, non-chlorinated spray with a 39,000 volt dielectric strength.
- Lubricant penetrates through rust and corrosion to quickly and easily loosen frozen nuts and bolts to ensure free and easy movement.
- Use on screws, tools, motors, hinges, bearings, gears, relays, starters, and generators.
- Moisture is displaced in wet electrical systems to create a waterproof film to inhibit corrosion and electrical discharge.
- Residual anti-corrosive film leaves treated surfaces protected.
- Non-flammable spray is safe around most plastic and paint. (Test small area of plastic first).

Cat. No.	Net Weight	Cap Color
50999	12 oz. (340 g)	blue



50999

Dielectric Silicone Grease

- Translucent white, grease-like silicone paste.
- Maintains flexibility of natural and synthetic rubbers, vinyls, plastics, rubber and plastic O-rings.
- Moisture-proof seal for aircraft, automotive and marine ignition systems and spark plug connections.
- Use on waterproof electrical connections, electrical assemblies and terminals.
- Acts as a sealant and lubricant for cable connectors, battery terminals, rubber door seals, rubber and plastic O-rings.
- Use as an assembly lubricant for various metals on plastic (test small area of plastic first) and metal on rubber combinations.
- Automatic dispensing can, with provided plastic nozzle, allows for an even and uniform application to eliminate waste, mess and lumps.

Cat. No.	Net Weight	Cap Color
50997	8 oz. (227 g)	black



50997

▲ WARNING: It is important that users of this product read, understand, and follow all instructions, cautions, and warnings attached to and/or packed with the product.

Cleaners

Electrical Cable and Equipment Cleaner

- Non-flammable, non-conductive, non-carcinogenic and fast evaporating without leaving residue.
- Effectively cleans circuit boards, controls, switches and relays.
- Cleans oxidation, dust and light oils from electrical equipment.
- Metals will not corrode and sensitive plastics will not degrade. (Test small area of plastic first).
- Aerosol can, with plastic straw and adjustable flow (low, medium, high) nozzle.



50986

Cat. No.	Net Weight	Cap Color
50986	16 oz. (459 g)	black

Multi-Purpose Cleaner-Degreaser

- Specially formulated solvent for industrial and maintenance cleaning on grime, grease, lubrication fluids, silicone, tars, adhesives and fluxes.
- Effectively cleans jaws on Klein's Chicago® grips.
- Evaporates without leaving a residue, and is essentially non-conductive, non-corrosive and non-staining.
- Suitable for use in electrical maintenance as a replacement for 1,1,1-trichloroethane, but is slower drying.
- Harmless to most plastics. (Test small area of plastic first).
- Aerosol can, with plastic straw and adjustable flow (low, medium, high) nozzle.



50985

Cat. No.	Net Weight	Cap Color
50985	10.5 oz. (298 g)	white

Hand Cleaners

Klein Hand Cleaners

- Contain premium grade cleansing ingredients.
- Natural formulations are free of petroleum solvents and contain an antimicrobial agent.
- Efficiently and effectively remove inks, oil, paint, silicone sealants and many other hard to remove soils.
- Use with or without water.
- Comply with USA VOC regulations.



51431



51432



51433



51434

Cat. No.	Description	Scent	Skin Conditioners	Container Size	Weight (lbs.)
51431	Heavy-Duty Pumice Hand Cleaner	citrus	6	15 fl. oz. squeeze bottle (433.5 ml)	1.25
51432	Orange Pumice Hand Cleaner	orange	5	15 fl. oz. squeeze bottle (433.5 ml)	1.25
51433	Orange Smooth Hand Cleaner	orange	5	15 fl. oz. squeeze bottle (433.5 ml)	1.25
51434	Orange Pumice Hand Cleaner	orange	5	1 gallon bottle with dispenser pump (3.8 liters.)	9.25

Klein Kleeners® Hand Cleaning Towels

- Simple and convenient.
- Pre-moistened towels.
- No rinsing – no drying – no residue.
- Powerful, yet gentle, pumice-like cleaning action.
- Quickly loosens, dissolves, and absorbs dirt and grease.
- Features a natural citrus solvent that's gentler than petroleum-based hand cleaners.



51426



51425

Cat. No.	Container Size	Towel Size	Weight (lbs.)
51425	72-count bucket	10-1/2" x 12-1/4" (267 mm x 311 mm)	2.45
51426	10-pack	9" x 11" (229 mm x 279 mm)	.23

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Important information for everyone who uses hand tools...fully illustrated pages of basic facts and practical "how-to" tips.



Prepared by KLEIN TOOLS in conjunction with the Hand Tools Institute. Available from your Klein distributor (Cat. No. 98016).

Warranty

Klein products in this catalog, manufactured and sold for commercial or industrial uses, are warranted to be free from defects in materials and workmanship for the normal life of the product, with the exception of: I. Cordomatic® products; and II. Ratcheting Cable Cutters, Models 63060, 63600, 63700, 63750, and 63800ACSR which are warranted for one year from the date of purchase. The following consumable products are warranted to be free from defects in materials and workmanship when delivered to the customer: Triple-Taps, Drill Bits, Klein Unibits®, Hole Saws and Arbors; Saw Blades and Jab Saws; disposable Razor and Knife Blades; Stripper Cartridges, Replaceable Cutting Inserts, Bits and Blades; Klein Chemicals, Hand Cleaners and Wire Pulling Lubricant. **THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS.** At its option Klein will repair or replace, or refund the purchase price of, any product which fails to conform to this warranty under normal use and service. **In no event shall Klein be liable for incidental or consequential damage.**

If your Klein product requires repair or for information on how to exercise your rights under the terms of this warranty, please contact Klein Tools at 1-800-553-4676.

Warranty Returns

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

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

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