

Wire Pulling Grips

Wire pulling grips from Klein combine strength and durability to lead the world in creating an extremely high-quality line of grips. With ease-of-use and lasting quality, Klein wire-pulling grips set the mark.

FOR PROFESSIONALS... SINCE 1857®



Wire Pulling Grips



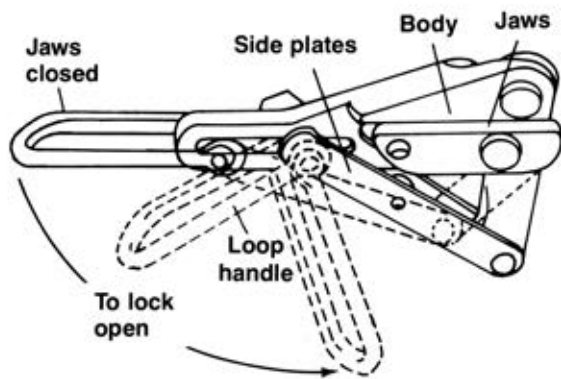
Introduction – Wire Pulling Grips

Forged-Steel Grips

- Total wire and cable-pulling capability for the power, utility, telecommunication, and many other industries.
- Klein Chicago® and Haven's® Grips are widely used in the power, communications, and general construction fields to pull wire and cable, and to maintain temporary tension until it can be permanently terminated.
- Used for pulling up lines to tension only; not to be used as anchors.
- Complete line includes a type and size for every application, and for virtually every type of wire and cable, including:
 - Extra-high-strength cables, messenger, guy strand, and conductors
 - Bare wire
 - Large-diameter conductors
 - Bare ACSR, aluminum and stranded-copper cables
 - PVC-covered conductors
 - Weatherproof wire
 - Telephone cable

Klein Chicago® Grips

Locking loop handles are standard on most Chicago grips, and available on hot-line grips by adding the prefix letter "S" before catalog number. The locking feature allows the jaws to be held in an open position for easier placement on wire and cable. Also makes grip positioning easier than with wedge or bolt-on designs. To lock, open jaws and fold loop handle toward the side plates.



How to select the proper grip

Care should be taken in choosing grips to assure correct handling of wire and cable. Three basic factors determine the selection of the proper grip for each specific application:

1. Type of wire or cable.
2. Outside diameter of wire or cable.
3. Maximum safe load required.

All three of these factors are included in the description of each Klein grip along with the type of inside jaw contour available. Correct selection of gripping jaws is essential to avoid damage to wire or cable. In pulling stranded wire, the jaws should be long enough to take a full lay of cable to avoid damage to the conductor.

The tables in this grip section are supplied to assist you in determining outside diameters and breaking points of the various types and sizes of wire and cable in general use. For our recommendations of the proper grip to meet your needs, provide exact cable description and pulling requirements.

Inside-jaw contours

Klein Chicago® Grips are offered with three types of jaw contour: Single V, Double V, and Round. Each grip comes with the proper inside-jaw contour for the type of wire or cable to be worked.



Single V

Simple three-point contact jaws designed for use on small-diameter bare wire and cable (solid and stranded).

Double V

Four-point contact provides greater gripping pressure and assures proper alignment of wire and cable within the jaws. Designed for high-strength steel guy wire and messenger wire, and extra-high-strength cables and conductors.

Round

Round jaws provide maximum contact and gripping power to minimize conductor damage. This jaw design is recommended for use on bare aluminum, ACSR, and copper conductors.

Repair or replace?

Never repair any grip. Grip jaws can sometimes be replaced if the grip is returned to Klein, but structural wear or damage cannot be safely corrected. Grips that are bent, misaligned, or otherwise distorted should be discarded and replaced.

Before each use, check all grips for jaw condition, proper alignment of jaws and all parts, and possible distortion caused by exceeding safe-load specifications. Grips should operate smoothly. Spring-loaded grips should lock open with loop handle in "Down" position and should close automatically with loop handle "Up."

The Klein parallel jaw grip may be tested by opening and closing the jaws by hand, exercising proper caution. All parts and rivets which may be distorted due to exceeding the safe load should be checked.

Recommended Care and Maintenance

The following guidelines have been established in order to maintain all grips in good condition:

1. **Clean the grip jaws.** Use emery cloth or a clean wire brush to periodically clean the surfaces of grip jaws. (Note: Aluminum-strand conductors may have a die-grease coating which can deposit on grip jaws. New aluminum conductors should be wiped clean before grip application. Grip jaws should be wiped clean of all grease before use.) Be sure to clean grip jaws before and after each use on wire or cable which has been galvanized or otherwise coated.
2. **Clean all working parts.** Use a high-quality degreaser to clean all joints and moving parts, then apply an appropriate lubricant.
3. **Check all parts.** Look carefully for distortion or misalignment.
4. **Never repair any grip.** If there is ever any question about the safe condition of any grip, please consult us directly. Please remember this rule.



Diameters, stranding, and ultimate strength of ACSR and all-aluminum bare cables

AWG or cmil Cable Size	ACSR				All-Aluminum			
	Code Word	Number of Alum. & Steel Strands	Diameter	Ultimate Strength in Pounds (Class A Galv. Steel)	Code Word	Number of Strands	Diameter	Ultimate Strength in Pounds
6	Turkey	6x1	.198"	1190	Peachbell	7	.184"	563
4	Swan	6x1	.250"	1860	Rose	7	.232"	881
4	Swanate	7x1	.257"	2360	—	—	—	—
2	Sparrow	6x1	.316"	2850	Iris	7	.292"	1350
2	Sparate	7x1	.325"	3640	—	—	—	—
1	Robin	6x1	.354"	3550	Pansy	7	.328"	1640
1/0	Raven	6x1	.398"	4380	Poppy	7	.368"	1990
2/0	Quail	6x1	.447"	5300	Aster	7	.414"	2510
3/0	Pigeon	6x1	.502"	6620	Phlox	7	.464"	3040
4/0	Penquin	6x1	.563"	8350	Oxlip	7	.522"	3830
266800 C.M.	Waxwing	18x1	.609"	6880	Daisy	7	.586"	4830
266800	Partridge	26x7	.642"	11,300	Laurel	19	.593"	4970
300000	Ostrich	26x7	.680"	12,700	—	—	—	—
336400	Oriole	30x7	.741"	17,300	Tulip	19	.666"	6150
336400	Linnet	26x7	.720"	14,100	—	—	—	—
397500	Lark	30x7	.806"	20,300	Canna	19	.724"	7110
397500	Ibis	26x7	.783"	16,300	—	—	—	—
477000	Hen	30x7	.883"	23,800	Cosmos	19	.792"	8360
477000	Hawk	26x7	.858"	19,500	Syringa	37	.795"	8690
500000	Heron	30x7	.904"	24,950	Zinnia	19	.811"	8760
500000	—	—	—	—	Hyacinth	37	.813"	9110
556500	Eagle	30x7	.953"	27,800	Dahlia	19	.856"	9750
556500	Dove	26x7	.927"	22,600	Mistletoe	37	.858"	9940
600000	—	—	—	—	Meadowsweet	37	.891"	10,700
605000	Squab	26x7	.966"	24,300	—	—	—	—
605000	Peacock	24x7	.953"	21,600	—	—	—	—
636000	Egret	30x19	1.019"	31,500	Orchid	37	.918"	11,400
636000	Grosbeak	26x7	.990"	25,200	—	—	—	—
636000	Goose	54x7	.977"	23,300	—	—	—	—
666600	Flamingo	24x7	1.000"	23,700	—	—	—	—
715500	Redwing	30x19	1.081"	34,600	Violet	37	.974"	12,800
715500	Starling	26x7	1.051"	28,400	Nasturtium	61	.975"	13,100
715500	Crow	54x7	1.036"	25,900	—	—	—	—
795000	Mallard	30x19	1.140"	38,400	Arbutus	37	1.026"	13,900
795000	Drake	26x7	1.108"	31,500	Lilac	61	1.028"	14,300
795000	Condor	54x7	1.092"	28,200	—	—	—	—
874500	Crane	54x7	1.146"	31,000	Anemone	37	1.076"	15,000
874500	—	—	—	—	Crocus	61	1.077"	15,800
900000	Canary	54x7	1.162"	31,900	—	—	—	—
954000	Cardinal	54x7	1.196"	33,800	Magnolia	37	1.124"	16,400
954000	—	—	—	—	Goldenrod	61	1.126"	16,900
1033500	Curlew	54x7	1.245"	36,600	Bluebell	37	1.170"	17,700
1113000	Finch	54x19	1.293"	39,100	Marigold	61	1.216"	19,700
1192500	Grackle	54x19	1.338"	41,900	Hawthorn	61	1.258"	21,100
1272000	Pheasant	54x19	1.382"	43,600	Narcissus	61	1.297"	22,000
1351500	Martin	54x19	1.424"	46,300	Columbine	61	1.339"	23,400
1431000	Plover	54x19	1.465"	49,100	Carnation	61	1.379"	24,300
1510500	Parrot	54x19	1.505"	51,700	—	—	—	—
1510500	—	—	—	—	Gladiolus	61	1.417"	25,600
1590000	Falcon	54x19	1.545"	54,500	Coreopsis	61	1.453"	27,000
80000	Grouse	8x1	.367"	5200	—	—	—	—
101800	Petrel	12x7	.461"	10,400	—	—	—	—
110800	Minorca	12x7	.481"	11,300	—	—	—	—
134600	Leghorn	12x7	.530"	13,600	—	—	—	—
159000	Guinea	12x7	.576"	16,000	—	—	—	—
176900	Dotterel	12x7	.607"	17,300	—	—	—	—
190800	Dorking	12x7	.631"	18,700	—	—	—	—
203200	Brahma	16x19	.714"	28,400	—	—	—	—
211300	Cochin	12x7	.664"	20,700	—	—	—	—

The above information is from data published by the Aluminum Association. For diameters of weatherproof cables, see table published by the manufacturer.



Chicago® Grips

Chicago® Grips – for Large Diameter Conductors

- Designed for hollow conductors and other large-diameter cables.
- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating conductor damage.
- These grips are special order only. Please allow 30 days for delivery. These are not returnable.
- Cat. No. 1628-50 is furnished with removable floating jaw held in place by a bolt swaged into the lever arm of the grip, secured by a nut and cotter pin. Jaw must be removed to insert cable.
- Orders must specify exact outside diameter of cables, circular mills with strand combination, or manufacturer's code.
- Each grip is made for one-size cable only.

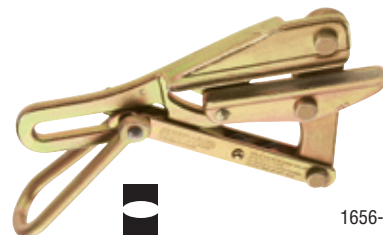


Cat. No.	Minimum Cable*	Maximum Cable*	Maximum Safe Load	Jaw Length	Approx. Weight Each
1628-16P	2 ACSR .31" (7.87 mm)	477,000 CM ACSR .88" (22.35 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-30**	477,000 CM ACSR .85" (21.59 mm)	1,033,500 CM ACSR 1.24" (31.50 mm)	20,000 lbs. (9090 kg)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-40**	1,033,500 CM ACSR 1.24" (31.50 mm)	1,590,000 CM ACSR 1.54" (39.12 mm)	25,000 lbs. (11,364 kg)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50**	666,600 CM ACSR 1.00" (25.40 mm)	2,500,000 CM Alu. 1.82" (46.23 mm)	25,000 lbs. (11,364 kg)	10-3/4" (273 mm)	34 lbs. (15.45 kg)

*Minimum-maximum sizes listed indicate the unfinished size-range capability for each Cat. No. Each grip is finished to fit one specific cable size only within range shown.
 ** Maximum safe stringing tension 12,500 lbs to minimize conductor damage.

Chicago® Grips – for Bare ACSR, Aluminum, and Stranded-Copper Cables

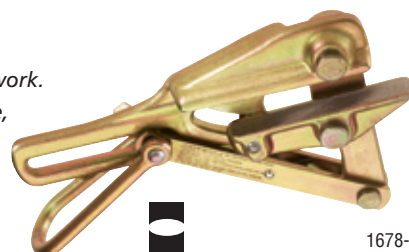
- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR, aluminum, and stranded-copper cables.
- Smooth jaws grip with maximum contact and are less likely to damage conductors.



Cat. No.	Minimum Cable*	Maximum Cable*	Maximum Safe Load	Jaw Length	Approx. Weight Each
1656-20	6 ACSR .20" (5.08 mm)	1/0 ACSR .40" (10.16 mm)	4500 lbs. (2045 kg)	4" (102 mm)	3 lbs. (1.36 kg)
1656-30	2 ACSR .31" (7.87 mm)	.53" (13.46 mm)	4500 lbs. (2045 kg)	4-3/4" (121 mm)	3.75 lbs. (1.70 kg)
1656-40	.53" (13.46 mm)	336,400 CM ACSR .74" (18.80 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-50	397,500 CM ACSR .74" (18.80 mm)	477,000 CM ACSR .86" (21.84 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-60	477,000 CM ACSR .86" (21.84 mm)	605,000 CM ACSR .96" (24.38 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.20 lbs. (3.71 kg)

Chicago® Grips – for Aluminum Conductors

- Lightweight grips designed for use on aluminum conductors in distribution work.
- Round jaws shaped to provide maximum contact with circumference of cable, less likely to damage conductors.
- Supplied with spring and locking loop handles, allowing jaws to be held in open position for easier placement on cable.
- Can be supplied with hot-line latch on special order.



Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1678-20	.96" (24.38 mm)	1.02" (25.91 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	8.30 lbs. (3.76 kg)
1678-30	1.02" (25.91 mm)	1.08" (27.43 mm)	5500 lbs. (2500 kg)	5-11/16" (144 mm)	8.20 lbs. (3.71 kg)
1678-40	1.08" (27.43 mm)	1.14" (28.96 mm)	5500 lbs. (2500 kg)	5-11/16" (144 mm)	8.20 lbs. (3.71 kg)
1678-50	1.14" (28.96 mm)	1.20" (30.48 mm)	5500 lbs. (2500 kg)	5-11/16" (144 mm)	7.90 lbs. (3.58 kg)

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

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

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

▲WARNING: Do not exceed rated capacity.

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

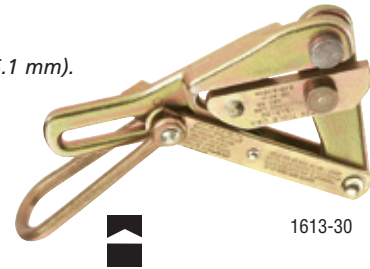
▲WARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



Chicago® Grips – for Bare Wire

- Designed for working with solid and stranded bare wire from .08" (2 mm) to .20" (5.1 mm).
- Lightweight, especially economical grip.
- Single "V" groove jaw.

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1613-30	12 B&S solid .08" (2.03 mm)	4 B&S solid .20" (5.08 mm)	1500 lbs. (680 kg)	3" (76 mm)	1.50 lbs. (.68 kg)



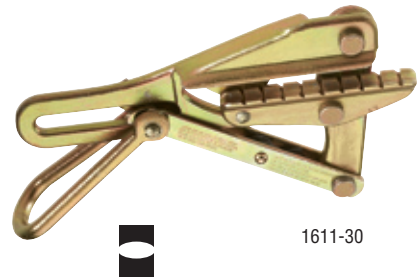
1613-30

Chicago® Grips – for Weatherproof Wire

- Round inside jaw contour for weatherproof coated wire.
- Notches in jaw provide firm grip on insulation.

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1611-20	.20" (5.08 mm)	.40" (10.16 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1611-30	.31" (7.87 mm)	.53" (13.46 mm)	4500 lbs. (2045 kg)	4-3/4" (121 mm)	3.75 lbs. (1.70 kg)
1611-40	.53" (13.46 mm)	.74" (18.80 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	7.75 lbs. (3.52 kg)
1611-50	.78" (19.81 mm)	.88" (22.35 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	7.75 lbs. (3.52 kg)

Note: Due to various types of weatherproof coatings available, selection of proper grips is determined by outside diameter of cable.

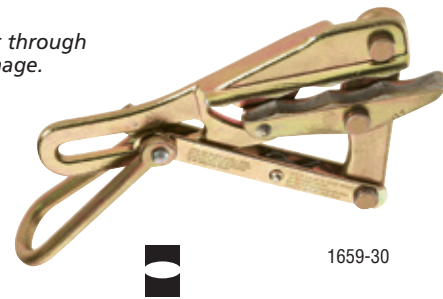


1611-30

Chicago® Grips – for PVC-Covered Conductors

- Serpentine jaws are specially machined to allow insertion of insulated conductor through the jaws, which reduces danger of slippage which might result in insulation damage.
- Eliminates necessity of stripping insulation from conductor.
- Round inside-jaw contour.

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1659-20	.20" (5.08 mm)	.42" (10.67 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1659-30	.31" (7.87 mm)	.50" (12.70 mm)	4500 lbs. (2045 kg)	4-3/4" (121 mm)	3.75 lbs. (1.70 kg)
1659-40	.49" (12.45 mm)	.79" (20.07 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	7.75 lbs. (3.52 kg)
1659-50	.79" (20.07 mm)	1.01" (25.56 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	7.75 lbs. (3.52 kg)



1659-30

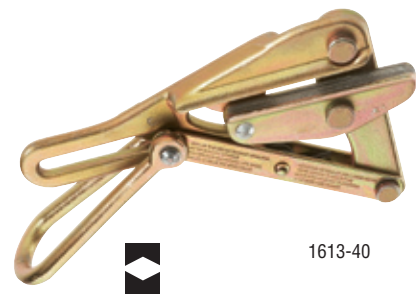
OSHA Information: OSHA requires that all hand tools and equipment be maintained in good working order and that they be free from damage caused by wear or abuse (OSHA Part 1910, Subpart P, Section 1910.242). In addition, OSHA Part 1926, Subpart V, Section 1926.955, paragraph (C) (7) (ii) and (C) (8) specifically state that: "The manufacturer's load rating shall not be exceeded for stringing lines, pulling lines, sock connectors, and all load-bearing hardware and accessories." "Conductor grips shall not be used on wire rope unless designed for this application."

Chicago® Grips – for Extra-High-Strength Cables, Messenger, Guy Strand, and Conductors

- A family of grips designed for cable sizes from .12" (3.10 mm) to 1" (25.4 mm).
- Double "V" grooves give four-point contact, reducing chance of slipping and providing proper alignment of wire and cable.
- For larger conductors, see our grips with round inside-jaw contour.

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1613-40	.12" (3.05 mm)	.37" (9.40 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1684-5	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.25 lbs. (2.84 kg)
1692-5	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.40 lbs. (2.89 kg)
1684-5F*	.16" (4.06 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.25 lbs. (2.84 kg)
1628-16	.31" (7.87 mm)	.62" (15.75 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	15.30 lbs. (7.00 kg)
1628-17	.50" (12.70 mm)	.75" (19.05 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	16.30 lbs. (7.40 kg)
1628-18	.75" (19.05 mm)	1.00" (25.40 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	15.70 lbs. (7.10 kg)

* Similar to Cat. No. 1684-5 except with a file inserted in jaw for extra gripping power. Replacement file No. 578 and screws No. 573 are also available.



1613-40

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

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

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

⚠WARNING: Do not exceed rated capacity.

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

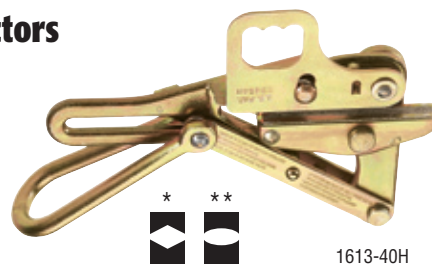
⚠WARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



Chicago® Grips

Chicago® Grips – with Hot-Line Latch for Bare Conductors

- Hot-line grips for both bare and insulated conductors.
- Grip may be placed on wire with hot-line stick.
- When stick is removed, latch closes automatically to guard against grip accidentally disengaging from wire.
- Standard hot-line grips are not supplied with springs or lock-open features.
- When springs or lock-open features are desired, add prefix letter "S" before catalog number (example: S1684-5H).

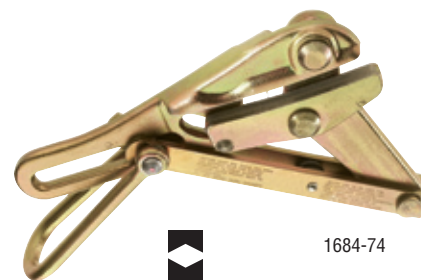


1613-40H

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
*1613-40H	8 B&S solid .12" (3.05 mm)	1/0 B&S strand .37" (9.40 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3.20 lbs. (1.45 kg)
*1684-5H	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.50 lbs. (3.00 kg)
**1656-20H	6 ACSR .20" (5.08 mm)	1/0 ACSR .40" (10.16 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3.20 lbs. (1.45 kg)
**1656-30H	2 ACSR .31" (7.87 mm)	.53" (13.46 mm)	4500 lbs. (2045 kg)	4-7/8" (124 mm)	4 lbs. (1.81 kg)
**1656-40H	.53" (13.46 mm)	336,400 CM ACSR .74" (18.80 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.50 lbs. (3.85 kg)
**1656-50H	.74" (18.80 mm)	.86" (21.84 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.50 lbs. (3.85 kg)
**1656-60H	477,000 CM ACSR .86" (21.84 mm)	605,000 CM ACSR .96" (24.38 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.40 lbs. (3.81 kg)

Chicago® Grips – Curved-Jaw Grips for EHS Cable

- When pulling EHS (extra-high-strength) galvanized-steel cable, the galvanizing has a tendency to coat the jaws of any grip, causing the cable to slip.
- To reduce the possibility of slippage and damage to the cable, the jaws of this grip are milled on a curve with a double "V" contour.
- Cat. No. S1684-74H available with hot-line latch and spring.



1684-74

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1684-74	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.30 lbs. (2.85 kg)
S1684-74H*	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.50 lbs. (2.95 kg)

*Hot-line latch and spring.

Chicago® Grips – Bell-System Type Grips

- Cat. No. 1684-5AT is identical to Bell-System type "L" strand puller.
- Cat. No. 1628-16AT is identical to Bell-System type "H" strand puller.
- All are equipped with chain, toggle, and shackle.



1684-5AT

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1684-5AT	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.90 lbs. (3.13 kg)
1628-16AT	.31" (7.87 mm)	.62" (15.75 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	15.80 lbs. (7.16 kg)
1692-5AT	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.60 lbs. (3.00 kg)

For support wire .134 and larger, refer to 1659 series. Outside diameter of support wire includes thickness of polyethylene coating.

Chicago® Grips – Type "B" Strand Puller

- Similar to Bell-System type "B" strand puller.
- Designed to pull 1/4" (6.35 mm) figure-8 telephone cable.
- Serpentine grooves grip insulation on strand, preventing slippage.
- Equipped with chain, toggle, and shackle.



1659-5AT

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1659-5AT	.20" (5.08 mm)	.37" (9.40 mm)	5000 lbs. (2268 kg)	5" (127 mm)	6.70 lbs. (3.03 kg)

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

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

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

⚠WARNING: Do not exceed rated capacity.

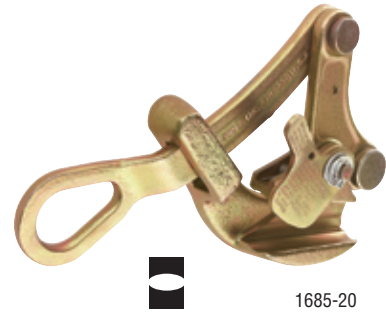
⚠WARNING: Always match proper size and type of grip to application.

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



Parallel-Jaw Grips

- Lightweight, compact grips pull an exceptionally wide range of cable sizes and types.
- Designed with a round inside-jaw contour for maximum contact to minimize conductor damage.
- Lower jaw is serrated to firmly grip insulated cables and conductors.
- Design includes a latch that prevents the grip from falling in case of jaw disengagement from the cable.
- Large-diameter eye accommodates large hooks on hoists, winches, and tackle blocks.

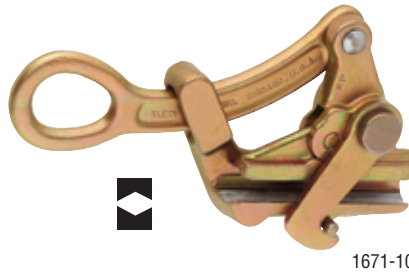


1685-20

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1685-20	.157" (4 mm)	.886" (22 mm)	4500 lbs. (2045 kg)	2.50" (64 mm)	3 lbs. (1.3 kg)
1685-31	.625" (16 mm)	1.250" (32 mm)	7500 lbs. (3409 kg)	4.50" (114 mm)	5 lbs. (2.3 kg)

Parallel-Jaw Grips

- Longer jaws achieve a firm hold, reducing possibility of slippage and damage to cable.
- Design includes a latch, plus a large-diameter eye that accommodates large hooks on hoists, winches, and tackle blocks.
- When latch is closed, it helps maintain cable position in grip jaws.
- Cat. No. 1686-20 is the same as Cat. No. 1686-10 but with knurled jaws.
- Cat. No. 1672-10 is the same as Cat. No. 1671-10 but with knurled jaws.



1671-10



1672-10

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1686-10	.20" (5.08 mm)	.40" (10.16 mm)	10,000 lbs. (4545 kg)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1686-20	.20" (5.08 mm)	.40" (10.16 mm)	10,000 lbs. (4545 kg)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1671-10	.37" (9.40 mm)	.75" (19.05 mm)	10,000 lbs. (4545 kg)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1672-10	.37" (9.40 mm)	.75" (19.05 mm)	10,000 lbs. (4545 kg)	4-3/8" (111 mm)	5 lbs. (2.27 kg)

Grip-Cleaning Brush Set

- Set of four wire-bristle brushes designed for cleaning Klein wire- and cable-pulling grips.
- Brushes have stiff wire bristles.
- Available in round and square shapes and two lengths for efficient cleaning of different jaw configurations.
- Semi-flexible steel shafts set into comfortable wooden handles provide the necessary reach into grip jaws.
- Illustrated general grip care and maintenance instructions are included.



25450

Cat. No.	Set Contains	Weight
25450		1.00

Description	Size	Length
round-bristle	3/8" x 3" (10 mm x 76 mm)	12" (305 mm)
square-bristle	3/8" x 3" (10 mm x 76 mm)	12" (305 mm)
round-bristle	1-9/16" x 5" (40 mm x 127 mm)	14" (356 mm)
square-bristle	1-9/16" x 5" (40 mm x 127 mm)	14" (356 mm)

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

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

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

▲WARNING: Do not exceed rated capacity.

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

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



Haven's® Grips

Klein Haven's® Grips

- Designed for use when light, compact grip is desired and where conductor damage is not a factor.
- Gripping pressure of the knurled jaw is applied to 1/4" (6.35 mm) cable area.
- Cat Nos. 1604-20L and 1625 series have a swing latch to help hold cable in the jaw.



1604-20

AWG/B&S Wire Gauges

Diameters of American (AWG) or Brown & Sharpe (B&S) Wire Gauges

No. of Wire Gauge	American (AWG) or Brown & Sharpe (B&S)	No. of Wire Gauge	American (AWG) or Brown & Sharpe (B&S)
0000	.460"	19	.03589"
000	.40964"	20	.031961"
00	.3648"	21	.028462"
0	.32486"	22	.025347"
1	.2893"	23	.022571"
2	.25763"	24	.0201"
3	.22942"	25	.0179"
4	.20431"	26	.01594"
5	.18194"	27	.014195"
6	.16202"	28	.012641"
7	.14428"	29	.011257"
8	.12849"	30	.010025"
9	.11443"	31	.008928"
10	.10189"	32	.00795"
11	.090742"	33	.00708"
12	.080808"	34	.006304"
13	.071961"	35	.005614"
14	.064084"	36	.005"
15	.057068"	37	.004453"
16	.05082"	38	.003965"
17	.045257"	39	.003531"
18	.04030"	40	.003144"

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Approx. Weight Each
1604-10	14 B&S .06" (1.52 mm)	2 B&S .25" (6.35 mm)	2500 lbs. (1136 kg)	1 lb. (.45 kg)
1604-20	8 B&S solid .125" (3.18 mm)	steel strand .50" (12.70 mm)	5000 lbs. (2272 kg)	2.08 lbs. (1.14 kg)



1604-20L

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Approx. Weight Each
1604-20L	8 B&S solid .125" (3.18 mm)	steel strand .50" (12.70 mm)	5000 lbs. (2272 kg)	2.08 lbs. (1.14 kg)



1625-20

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Approx. Weight Each
1625-20	1 B&S .28" (7.11 mm)	wire rope .75" (19.05 mm)	8000 lbs. (3636 kg)	4 lbs. (1.81 kg)
1625-20 7/8	.38" (9.65 mm)	wire rope .88" (22.35 mm)	8000 lbs. (3636 kg)	4 lbs. (1.81 kg)
1625-20 1	.50" (12.70 mm)	wire rope 1" (25.40 mm)	8000 lbs. (3636 kg)	4 lbs. (1.81 kg)

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

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

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

▲WARNING: Do not exceed rated capacity.

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

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



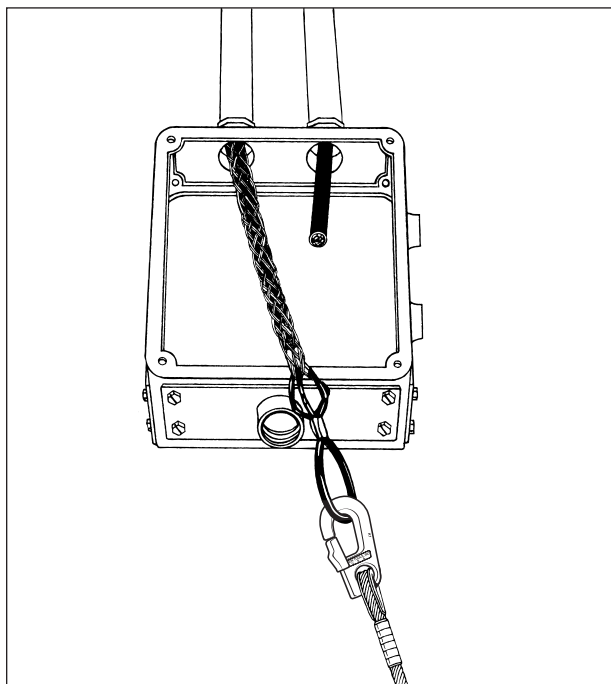
Introduction – Wire-Mesh Grips

Klein mesh pulling-grips are used for pulling overhead or underground cable, for stringing service or communication lines into buildings, for pulling wire through conduit, and for general underground construction.

Klein grips may be used for pulling bare or insulated wires, and wire rope. They install quickly and easily, and are designed to pass readily through ducts, conduit, blocks, and sheaves.

Klein grips are reusable and do not damage the cable because pulling tension remains uniform along the length of the grip. The mesh will fit either a single cable, or a bundle of cables.

Klein pulling grips are woven of galvanized steel – strong and long lasting.



General Application Information

KPJ junior-duty series is used for small-job requirements where pulling tensions are low. Typical uses are to connect insulated building wire bundles to pulling tape, and pull through conduit.

KPL light duty grips are economical for applications such as industrial plant wiring and rewiring jobs, and in underground electrical construction where pulling tensions are low.

KPM medium-duty grips are flexible and easily handled, ideal for use where the exceptional strength of heavy-duty grips is not required.

KP and **KPS** series are recommended for heavy-duty application for underground installations. The **KPS** series has a “rotating eye” to allow twists in the cable to spin out during slack periods.

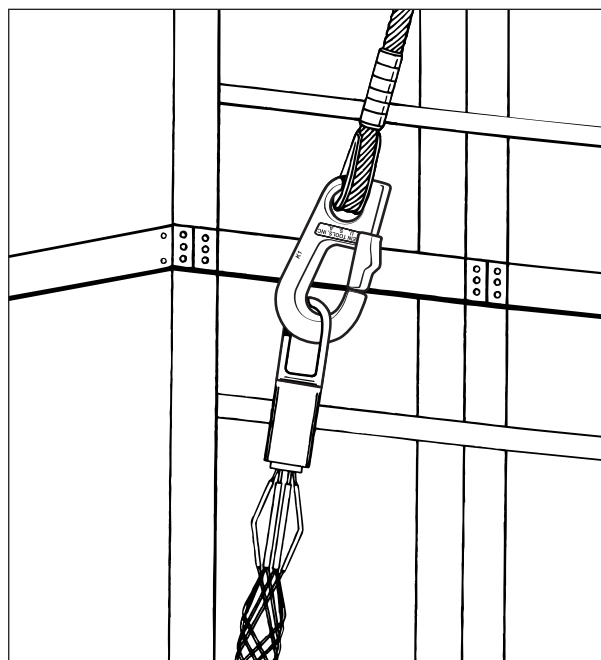
KSCK medium-duty slack-pulling grips with closed double-weave mesh are used for final placement of underground cable where cable end is available, or for removing cable. Standard lengths are used in restricted space for short pulls. Where space is not restricted, longer lengths are used for higher pulling loads.

KSSK medium-duty slack-pulling grip applications are similar to the **KSCK** series except they are used where cable end is not available. Double-weave split mesh has lace closure.

KSRK light-duty slack-pulling grips are split mesh, single-weave design with rod closure for quick installation. Application areas similar to **KSSK** series, except mesh lengths are shorter and are for lower pulling loads.

Prefix Letter Code

KP	Pulling, Heavy-Duty, Closed-Mesh, Double-Weave, Flexible Eye
KPJ	Pulling, Junior-Duty, Closed-Mesh, Single-Weave, Flexible Eye
KPL	Pulling, Light-Duty, Closed-Mesh, Single-Weave, Flexible Eye
KPM	Pulling, Medium-Duty, Closed-Mesh, Double-Weave, Flexible Eye
KPS	Pulling, Heavy-Duty, with Rotating Eye, Closed-Mesh, Double-Weave
KSCK	Slack-Pulling, Closed-Mesh, Double-Weave, Offset Flexible Eye
KSSK	Slack-Pulling, Split-Mesh, Double-Weave, Lace Closure, Offset Flexible Eye
KSRK	Slack-Pulling, Split-Mesh, Single-Weave, Rod Closure, Offset Flexible Eye



Catalog Number Explanation

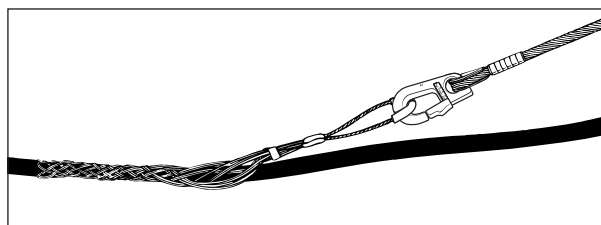
KPS	—	050	—	2
Grip Type* and Mesh		Cat. No.** Size Code		Final Digit, if any, refers to mesh length range or actual dimension.

* See Prefix Letter Code explanation.

** On Junior-duty grips, initial digit “0” is omitted in Cat. No.

Example:

Cat. No. **KPS-050-2** is a heavy-duty pulling grip with a rotating eye, for use with cable diameters from .50" to .61", with medium-length mesh.



Introduction – Wire-Mesh Grips

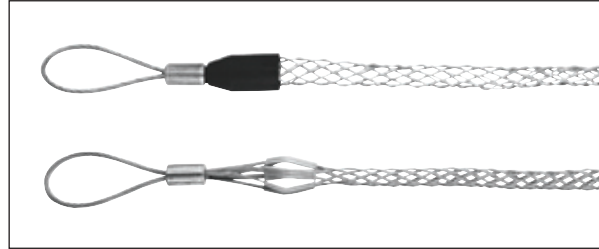
How to select proper grip eye and mesh type

There are three basic styles of pulling grips, together with a choice of wire mesh types and lengths to meet a wide variety of pulling requirements.

1. Flexible Eye: Closed Mesh

KPJ/KPL/KPM/KP

This pulling-grip eye allows maximum flexibility to follow the line of pull, and is used when the end of the cable is available. Mesh selection depends on the weight of the material being pulled. Closed-mesh, single weave, flexible-eye grips are offered in lengths for junior-duty and light-duty use; closed-mesh, double-weave, flexible-eye grips are offered for medium-duty and heavy-duty use.



2. Rotating Eye: Closed Mesh

KPS

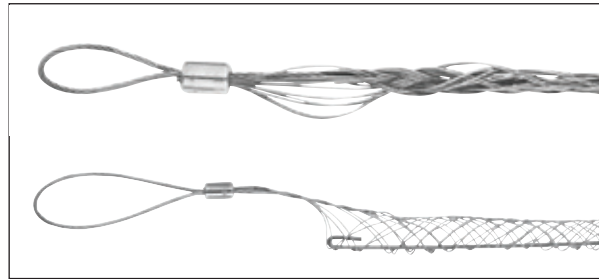
Recommended for heavier pulling jobs and underground wiring, this pulling grip eye is furnished on double-weave mesh grips in a wide range of lengths. The rotating eye compensates for pulling torque, relieving strain on the cable. **Rotating-eye grips should not be used on rope or as a swivel.**



3. Offset Flexible Eye: Closed and Split Mesh

KSCK/KSSK/KSRK

These slack-pulling grips come in three styles: (1) double-weave closed-mesh (for medium duty where the end of the cable is available), (2) double-weave split-mesh with lace closure (medium duty, where cable end is not available) and (3) single-weave split-mesh with rod closure (light duty, where cable end is not available).



How grips are attached to cable

Closed-mesh grips

Closed-mesh grips simply slip over the cable where the cable end is accessible.

Split-mesh grips

Split-mesh grips are used when the end of the cable is not available. The grip is folded around the cable, and secured with a wire lace or steel rod (supplied with the grip) as follows:

1. Split mesh with lace closure

Start at the lead end of the grip, threading the lace through the first two loops of the split, then pulling it through until ends are centered evenly. Cross the lace ends and thread through next two loops, and so on down the grip. Do not pull lacing too tight. Spacing of laced closure should be about the same as the mesh weave. When the end of the grip is reached, twist lacing strands tightly together; wrap ends of lace around grip, and twist again to secure. Excess may be cut off.

2. Split mesh with rod closure

Split-mesh grips with rod closure can be quickly installed. Simply wrap the grip around the cable, then thread the rod through the loops, using a cork-screw motion. To remove, pull the rod out, and the grip is ready for re-use.

Design Strength

Applications and conditions of use for Klein mesh pulling grips vary so widely that it is impossible to set any meaningful standard for “breaking strength.”

With wire-mesh pulling grips, the holding power achieved is directly related to the length of mesh. The longer the mesh, the firmer the grip on the cable. For smaller-diameter cable, or where the weight to be pulled is less, short mesh grips will serve the purpose.



How to select the proper pulling grip for your application

1. Select the proper pulling-grip series (Prefix Letter Code... e.g. KPS) based on the "General Application Information" descriptions in the Wire-Mesh Grips Introduction on preceding pages.
2. Select grip size based on the outside diameter or circumference of the cable(s) to be pulled. Refer to reference tables (on this and following page) for convenience in determining cable diameters.
3. Use Pulling-Grip Selection Tables (on this and following page) to determine the "Size" portion of the Catalog Number for the cable diameter required. In the ordering tables (see following pages) this "Size" code is incorporated within the catalog number under the various grip-type classifications.

Table 1

Pulling Grip Selection Table for One or More Cables of Equal Diameter to Be Pulled in One Grip

1. Read across on top line for number of cables in one grip.
2. Read down for diameter of each cable.
3. Use Cat. No. size code to select catalog number of the required size grip.

Example:

3 Cables, each with diameter of 1.31" use grip with Cat. No. Size Code 250.

Cable Diameters in Decimal Inches

1 Cable	2 Cables	3 Cables	4 Cables	5 Cables	6 & 7 Cables	8 Cables	9 Cables	Cat. No. Size Code	Grip Diam. Range
0.25-0.37	0.16-0.25	0.15-0.22	0.12-0.20	0.11-0.14	0.10-0.11	0.09-0.10	0.06-0.09	025	0.12-0.37
0.37-0.50	0.25-0.36	0.22-0.33	0.20-0.28	0.14-0.25	0.11-0.25	0.10-0.20	0.09-0.19	037	0.37-0.50
0.50-0.62	0.27-0.36	0.26-0.33	0.24-0.28	0.21-0.25	0.19-0.22	0.17-0.20	0.15-0.19	050	0.50-0.62
0.62-0.75	0.36-0.45	0.33-0.36	0.28-0.31	0.25-0.29	0.22-0.26	0.20-0.23	0.19-0.22	062	0.62-0.75
0.75-1.00	0.45-0.60	0.36-0.49	0.31-0.42	0.29-0.38	0.26-0.34	0.23-0.31	0.22-0.31	075	0.75-1.00
1.00-1.25	0.60-0.76	0.49-0.63	0.42-0.54	0.38-0.48	0.34-0.43	0.31-0.39	0.29-0.36	100	1.00-1.25
1.25-1.50	0.76-0.91	0.63-0.76	0.54-0.65	0.48-0.58	0.43-0.52	0.39-0.46	0.36-0.43	125	1.25-1.50
1.50-1.75	0.91-1.08	0.76-0.89	0.65-0.77	0.58-0.67	0.52-0.60	0.46-0.54	0.43-0.49	150	1.50-1.75
1.75-2.00	1.08-1.23	0.89-1.02	0.77-0.88	0.67-0.77	0.60-0.69	0.54-0.62	0.49-0.57	175	1.75-2.00
2.00-2.50	1.23-1.54	1.02-1.28	0.88-1.10	0.77-0.96	0.69-0.86	0.62-0.77	0.57-0.72	200	2.00-2.50
2.50-3.00	1.54-1.84	1.28-1.53	1.10-1.32	0.96-1.16	0.86-1.03	0.77-0.93	0.72-0.86	250	2.50-3.00
3.00-3.50	1.84-2.15	1.53-1.79	1.32-1.54	1.16-1.35	1.03-1.20	0.93-1.08	0.86-1.00	300	3.00-3.50
3.50-4.00	2.15-2.45	1.79-2.05	1.54-1.76	1.35-1.54	1.20-1.37	1.08-1.24	1.00-1.14	350	3.50-4.00

Cable Diameters in Fractional Inches

1 Cable	2 Cables	3 Cables	4 Cables	5 Cables	6 & 7 Cables	8 Cables	9 Cables	Cat. No. Size Code	Grip Diam. Range
1/4-3/8	1/64-1/4	5/32-7/32	1/8-13/64	7/64-9/64	3/32-7/64	3/32-7/64	1/16-3/32	025	1/8-3/8
3/8-1/2	1/4-23/64	7/32-21/64	13/64-9/32	9/64-1/4	7/64-1/4	7/64-13/64	3/32-3/16	037	3/8-1/2
5/8-3/4	23/64-29/64	21/64-23/64	9/32-5/16	1/4-19/64	7/32-17/64	13/64-15/64	3/16-7/32	050	1/2-5/8
1/2-5/8	17/64-23/64	7/64-21/64	15/64-9/32	7/32-1/4	3/16-7/32	11/64-13/64	5/32-3/16	062	5/8-3/4
3/4-1	29/64-39/64	23/64-31/64	5/16-27/64	19/64-3/8	17/64-11/32	15/64-5/16	7/32-5/16	075	3/4-1
1-1-1/4	39/64-49/64	31/64-5/8	27/64-35/64	3/8-31/64	11/32-7/16	5/16-25/64	19/64-23/64	100	1-1-1/4
1-1/4-1-1/2	49/64-29/32	5/8-49/64	35/64-21/32	31/64-37/64	7/16-33/64	25/64-15/32	23/64-7/16	125	1-1/4-1-1/2
1-1/2-1-3/4	29/32-1-5/64	49/64-57/64	21/32-49/64	37/64-43/64	33/64-39/64	15/32-35/64	7/16-31/64	150	1-1/2-1-3/4
1-3/4-2	1-5/64-1-15/64	57/64-1-1/64	49/64-7/8	43/64-49/64	39/64-11/16	35/64-5/8	31/64-37/64	175	1-3/4-2
2-2-1/2	1-15/64-1-35/64	1-1/64-1-9/32	7/8-1-3/32	49/64-31/32	11/16-55/64	5/8-49/64	37/64-23/32	200	2-2-1/2
2-1/2-3	1-35/64-1-27/32	1-9/32-1-17/32	1-3/32-1-21/64	31/32-1-5/32	55/64-1-1/32	49/64-15/16	23/32-55/64	250	2-1/2-3
3-3-1/2	1-27/32-2-5/32	1-17/32-1-51/64	1-21/64-1-35/64	1-5/32-1-23/64	1-1/32-1-13/64	15/16-1-5/64	55/64-1	300	3-3-1/2
3-1/2-4	2-5/32-2-29/64	1-51/64-2-3/64	1-35/64-1-49/64	1-23/64-1-35/64	1-13/64-1-3/8	1-5/64-1-15/64	1-1-9/64	350	3-1/2-4



Introduction – Wire-Mesh Grips

Table 2

Pulling-Grip Selection Table for Cables of Different Diameters to Be Pulled in One Grip

Grip Circumference Range		Cat. No. Size Code	Grip Diameter Range	
Fractional Inches	Decimal Inches		Fractional Inches	Decimal Inches
25/32–1-11/64	.78–1.17	025	1/8–3/8	.12–.37
1-11/64–1-37/64	1.17–1.57	037	3/8–1/2	.37–.50
1-37/64–1-15/16	1.57–1.94	062	1/2–5/8	.50–.62
1-37/64–2-3/8	1.57–2.37	050	5/8–3/4	.62–.75
2-3/8–3-5/32	2.37–3.15	075	3/4–1	.75–1.00
3-5/32–3-15/16	3.15–3.94	100	1-1-1/4	1.00–1.25
3-15/16–4-23/32	3.94–4.72	125	1-1/4–1-1/2	1.25–1.50
4-23/32–5-33/64	4.72–5.51	150	1-1/2–1-3/4	1.50–1.75
5-33/64–6-19/64	5.51–6.29	175	1-3/4–2	1.75–2.00
6-19/64–7-55/64	6.29–7.86	200	2–2-1/2	2.00–2.50
7-55/64–9-7/16	7.86–9.43	250	2-1/2–3	2.50–3.00
9-7/16–11-1/64	9.43–11.01	300	3–3-1/2	3.00–3.50
11-1/64–12-37/64	11.01–12.58	350	3-1/2–4	3.50–4.00

“Grip Circumference Range” refers to circumference of all cables held together.

1. Determine grip circumference range by measuring circumference of bundle of cables to be held.
2. Read down to locate correct range.
3. Read across for catalog number size code.

Example:

For four cables together with circumference of 6.35", use grip containing catalog number size code "200".

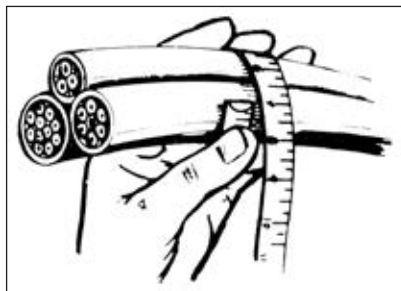


Table 4

Reference Table: AWG Wire Sizes

For your convenience, the following are representative Portable Cord diameters.

AWG Wire Size & Type	Conductors							
	2		3		4		5	
	①	②	①	②	①	②	①	②
18 SO, STO	.390	.390	.410	.405	.440	.435	.500	.495
18 SJO, SJTO	.310	.300	.330	.330	.360	.360	–	–
16 SO, STO	.410	.405	.430	.430	.490	.485	.530	.525
16 SJO, SJTO	.330	.330	.340	.360	.390	.390	–	–
14 SO, STO	.530	.530	.560	.560	.610	.605	.680	.685
12 SO, STO	.610	.605	.640	.640	.680	.670	.750	.730
10 SO, STO	.650	.640	.690	.695	.750	.820	.815	–
8 SO, STO	.810	.810	.910	.910	.990	.990	1.080	1.080
6 SO, STO	.930	.930	1.010	1.010	1.100	1.100	1.200	1.200

Table 3

Reference Table: Dimension Conversions for Ordering Tables

Decimal Inches	Fractional Inches	Metric Dimensions (mm)
0.12–0.24	1/8–15/64	3.17–5.95
0.25–0.36	1/4–23/64	6.35–9.13
0.37–0.49	3/8–31/64	9.52–12.30
0.50–0.61	1/2–39/64	12.70–15.48
0.62–0.74	5/8–47/64	15.88–18.65
0.75–0.99	3/4–63/64	19.05–25.00
1.00–1.24	1–1-15/64	25.40–31.35
1.25–1.49	1-1/4–1-31/64	31.75–37.70
1.50–1.99	1-1/2–1-63/64	38.10–50.40
2.00–2.49	2–2-31/64	50.80–63.10
2.50–2.99	2-1/2–2-63/64	63.50–75.80
3.00–3.49	3–3-31/64	76.20–88.50
3.50–3.99	3-1/2–3-63/64	88.90–101.20

Table 5

Reference Table: AWG or MCM Wire Sizes

This table is to be used as a guide only. Sizes may vary by manufacturer.

AWG OR MCM	Diameter	
	TTHN	THW
14	.105	.162
12	.122	.179
10	.153	.199
8	.201	.259
6	.257	.323
4	.328	.372
3	.356	.401
2	.388	.433
1	.450	.508
1/0	.491	.549
2/0	.537	.595
3/0	.588	.647
4/0	.646	.705
250	.716	.788
300	.771	.843
350	.822	.895
400	.869	.942
500	.955	1.03
600	–	1.12
700	–	1.19
750	–	1.22
1000	–	1.38



Single-Weave, Flexible-Eye Pulling Grips



KPJ-62

Cable Dia. *	KPJ Junior Duty				KPL Light Duty								
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Short Length				Medium Length				
					Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	
.25"-.36"	KPJ-25	4.25"	90 lbs. (41 kg)	.05 lbs.	—	—	—	—	—	—	—	—	—
.37"-.49"	KPJ-37	7"	180 lbs. (82 kg)	.05 lbs.	—	—	—	—	—	—	—	—	—
.50"-.61"	KPJ-50	8.5"	260 lbs. (118 kg)	.05 lbs.	KPL-050-1	11"	560 lbs. (254 kg)	.10 lbs.	KPL-050-2	16"	560 lbs. (254 kg)	.15 lbs.	—
.62"-.74"	KPJ-62	10"	390 lbs. (177 kg)	.12 lbs.	KPL-062-1	11"	560 lbs. (254 kg)	.15 lbs.	—	—	—	—	—
.75"-.99"	KPJ-75	10"	560 lbs. (254 kg)	.10 lbs.	KPL-075-1	12"	800 lbs. (363 kg)	.10 lbs.	KPL-075-2	20"	800 lbs. (363 kg)	.20 lbs.	—
1.00"-1.24"	KPJ-100	11.5"	780 lbs. (354 kg)	.28 lbs.	KPL-100-1	13"	1060 lbs. (481 kg)	.30 lbs.	KPL-100-2	20"	1360 lbs. (617 kg)	.40 lbs.	—
1.25"-1.49"	—	—	—	—	KPL-125-1	14"	1060 lbs. (481 kg)	.40 lbs.	KPL-125-2	21"	1360 lbs. (617 kg)	.45 lbs.	—
1.50"-1.74"	—	—	—	—	KPL-150-1	15"	1360 lbs. (617 kg)	.40 lbs.	—	—	—	—	—
1.50"-1.99"	—	—	—	—	—	—	—	—	KPL-150-2	23"	1360 lbs. (617 kg)	.55 lbs.	—
1.75"-1.99"	—	—	—	—	KPL-175-1	17"	1700 lbs. (771 kg)	.60 lbs.	—	—	—	—	—
2.00"-2.49"	—	—	—	—	KPL-200-1	18"	1700 lbs. (771 kg)	.65 lbs.	KPL-200-2	25"	1700 lbs. (771 kg)	.75 lbs.	—
2.50"-2.99"	—	—	—	—	KPL-250-1	18"	2120 lbs. (962 kg)	.90 lbs.	KPL-250-2	27"	2120 lbs. (962 kg)	1.1 lbs.	—

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

Double-Weave, Flexible-Eye Pulling Grips



KPM-075

Cable Dia. *	KPM Medium Duty				KP Heavy Duty								
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Short Length				Medium Length				
					Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	
.37"-.49"	KPM-037	11"	380 lbs. (172 kg)	.10 lbs.	—	—	—	—	—	—	—	—	—
.50"-.61"	KPM-050	13"	480 lbs. (218 kg)	.10 lbs.	—	—	—	—	—	—	—	—	—
.62"-.74"	KPM-062	14"	670 lbs. (304 kg)	.21 lbs.	—	—	—	—	—	—	—	—	—
.75"-.99"	KPM-075	16"	1030 lbs. (467 kg)	.20 lbs.	KP-075-24	24"	1360 lbs. (617 kg)	.50 lbs.	KP-075-36	36"	1360 lbs. (617 kg)	.74 lbs.	—
1.00"-1.37"	KPM-100	18"	1420 lbs. (644 kg)	.40 lbs.	—	—	—	—	—	—	—	—	—
1.00"-1.49"	—	—	—	—	KP-100-24	24"	1920 lbs. (871 kg)	1.1 lbs.	KP-100-36	36"	1920 lbs. (871 kg)	1.0 lbs.	—
1.38"-1.99"	KPM-150	22"	1920 lbs. (871 kg)	.40 lbs.	—	—	—	—	—	—	—	—	—
1.50"-1.99"	—	—	—	—	KP-150-24	24"	3280 lbs. (1488 kg)	1.2 lbs.	KP-150-36	36"	3280 lbs. (1488 kg)	1.6 lbs.	—
2.00"-2.49"	—	—	—	—	KP-200-24	24"	3700 lbs. (1678 kg)	2.0 lbs.	KP-200-36	36"	3700 lbs. (1678 kg)	2.5 lbs.	—
2.50"-2.99"	—	—	—	—	KP-250-24	24"	4900 lbs. (2233 kg)	3.0 lbs.	KP-250-36	36"	4900 lbs. (2223 kg)	3.8 lbs.	—

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

⚠WARNING: Do NOT exceed maximum safe load as listed on the label attached to the product.

⚠WARNING: Do NOT use on live circuits.

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

⚠WARNING: Always inspect equipment before use.



Wire-Mesh Grips

Double-Weave, Rotating-Eye Pulling Grips



KPS-062-1

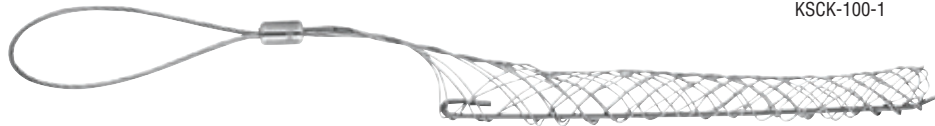
Cable Dia.*	KPS Heavy Duty											
	Short Length				Medium Length				Medium-Long Length			
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.
.50"-.61"	KPS-050-1	11"	1120 lbs. (508 kg)	.40 lbs.	KPS-050-2	16"	1120 (508 kg)	.45 lbs.	—	—	—	—
.62"-.74"	KPS-062-1	11"	1360 lbs. (617 kg)	.45 lbs.	KPS-062-2	16"	1360 (617 kg)	.50 lbs.	—	—	—	—
.75"-.99"	—	—	—	—	KPS-075-2	20"	1360 (617 kg)	.85 lbs.	—	—	—	—
1.00"-1.24"	—	—	—	—	KPS-100-2	20"	2560 (1161 kg)	1.9 lbs.	—	—	—	—
1.00"-1.49"	—	—	—	—	—	—	—	—	KPS-100-3	33"	3280 (1488 kg)	2.4 lbs.
1.25"-1.49"	—	—	—	—	KPS-125-2	21"	2560 (1161 kg)	1.9 lbs.	—	—	—	—
1.50"-1.99"	—	—	—	—	KPS-150-2	25"	3280 (1488 kg)	2.2 lbs.	KPS-150-3	34"	3280 (1488 kg)	2.5 lbs.
2.00"-2.49"	—	—	—	—	KPS-200-2	26"	5440 (2468 kg)	4.1 lbs.	KPS-200-3	36"	5440 (2468 kg)	4.7 lbs.
2.50"-2.99"	—	—	—	—	KPS-250-2	28"	6600 (2994 kg)	5.3 lbs.	KPS-250-3	38"	6600 (2994 kg)	5.8 lbs.
3.00"-3.49"	—	—	—	—	KPS-300-2	30"	8200 (3720 kg)	6.1 lbs.	—	—	—	—
3.50"-3.99"	—	—	—	—	KPS-350-2	32"	9600 (4355 kg)	6.8 lbs.	—	—	—	—

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

Slack-Pulling, Offset Flexible-Eye Pulling Grips



KSCK-100-1



KSRK-062-1

Cable Dia.*	KSCK Medium Duty – Standard Length				KSSK Medium Duty – Standard Length				KSRK Light Duty – Standard Length			
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.
.50"-.61"	—	—	—	—	—	—	—	—	KSRK-050-1	6"	300 lbs. (136 kg)	.15 lbs.
.62"-.74"	—	—	—	—	—	—	—	—	KSRK-062-1	8"	360 lbs. (163 kg)	.15 lbs.
.75"-.99"	KSCK-075-1	12"	520 lbs. (236 kg)	.20 lbs.	KSSK-075-1	12"	500 lbs. (227 kg)	.30 lbs.	KSRK-075-1	10"	440 lbs. (200 kg)	.20 lbs.
1.00"-1.24"	KSCK-100-1	15"	800 lbs. (363 kg)	.50 lbs.	KSSK-100-1	15"	700 lbs. (318 kg)	.25 lbs.	KSRK-100-1	12"	680 lbs. (308 kg)	.25 lbs.
1.25"-1.49"	KSCK-125-1	16"	1080 lbs. (490 kg)	.35 lbs.	KSSK-125-1	16"	800 lbs. (363 kg)	.25 lbs.	—	—	—	—
1.50"-1.74"	KSCK-150-1	17"	1320 lbs. (599 kg)	.95 lbs.	—	—	—	—	—	—	—	—
1.75"-1.99"	KSCK-175-1	18"	2000 lbs. (907 kg)	.60 lbs.	—	—	—	—	—	—	—	—
2.00"-2.49"	KSCK-200-2	19"	2200 lbs. (998 kg)	1.8 lbs.	—	—	—	—	—	—	—	—
2.50"-2.99"	KSCK-250-2	20"	2200 lbs. (998 kg)	1.9 lbs.	—	—	—	—	—	—	—	—

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

⚠WARNING: Do NOT exceed maximum safe load as listed on the label attached to the product.

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

⚠WARNING: Do NOT use on live circuits.

⚠WARNING: Always inspect equipment before use.



KLEIN TOOLS®



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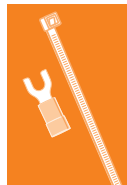
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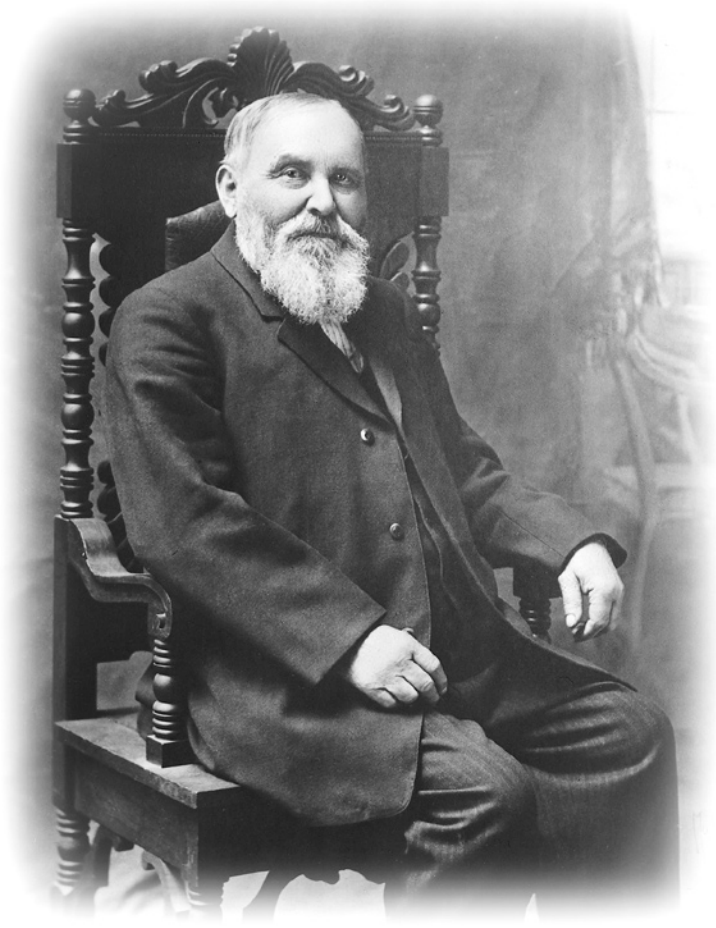


Promotional Tools Page 261

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Klein Tools was founded in 1857 by an industrious German immigrant, Mathias Klein, who began in the hand tool business when a broken side-cutting pliers was brought to his forge shop by a telegraph lineman. Mathias repaired the pliers by forging and finishing a new half for the tool and riveting it to the old half. Soon the lineman returned because the other original half of the pliers had broken and needed replacement. Mathias forged and finished the second half of the pliers and riveted it to the other replacement half – creating the first complete Klein pliers.

To this day, Klein Tools is proudly owned and managed by the Klein family. Through years of hard work and dedication, Klein has earned the reputation of supplying only the finest quality products for users of professional hand tools and occupational protective equipment.



Klein's reputation as a leading producer of professional-quality products is global. Klein Tools products are available worldwide through a well-established network of agents and distributors who stock what is needed for their particular markets.



Company History

The Klein Difference

Not all hand tools are the same. With Klein tools, there really is a difference – a difference you can see and feel every time you use them.

What sets Klein apart from other manufacturers are the extra steps we take to make our tools special. Things like induction hardening...hot riveting...and using the highest-quality U.S. materials. These are the reasons why professional tool users have preferred the Klein brand for nearly 150 years.

The Klein brand is the #1 preferred hand tool in the electrical industry, as well as one of the leading brands used in the maintenance, construction, and industrial trades. Loyalty to Klein Tools is strong due to Klein Tools' commitment to professional tradesmen; professionals feel the difference every day. This catalog has been designed to point out the features and benefits that make Klein tools exceptional. Use it as a reference when comparing the Klein brand with other hand tools.

The Klein Difference. It's what makes Klein Tools the brand you can depend on.



Klein Pliers

Klein specializes in the making of the world's finest pliers... pliers that professionals trust completely. Klein pliers feel right and work right. They are job-matched for every kind of work you do; designed and built to exceptional quality standards in a tradition that dates back to 1857.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Pliers



Introduction – Pliers

Klein Quality

All Klein pliers are made of the finest U.S. steel alloy. They are forged, precision machined, hardened, and carefully tempered for maximum strength, Klein pliers provide exceptional performance and durability.

All pliers mating surfaces and dimensions are precision machined for faultless performance. Pliers halves are precision machined and hot riveted for uniformly smooth opening and closing action. Cutting knives are manufactured for long-lasting edges and perfect alignment.

The cutting knives on all Klein pliers are designed to meet according to the way each is used. Side-cutting and long-nose

pliers with side cutters have knives that meet at the hinge first and then meet at least one-half of the knife length. Diagonal-cutting pliers meet at the tip first and then meet at least one-half of the knife length.

These precise knife-closing designs increase knife life and facilitate resharpening.

Klein pliers are individually adjusted to meet performance standards far exceeding application requirements – ensuring that nothing less than outstanding quality ever carries the Klein name.

Using Pliers

A professional knows all the rules about using pliers, but a review of the following points may help you recall any you may have forgotten.

- 1. Never use pliers to do another tool's job.** Pliers should not be used as a hammer or pry tool or a wrench. Using pliers instead of the proper tools risks damaging the work, damaging yourself, and losing time.
- 2. Never push pliers beyond their capacity.** Bending stiff wire with light pliers or the tip of needle-nose pliers can spring them or break them. Use a stronger, blunt nose pliers. When you need greater leverage, use pliers with greater leverage. Don't extend the length of the pliers handles. Bolts should be cut with a bolt cutter, and large cable with a cable cutter.
- 3. Never expose pliers to excessive heat.** Direct flame on metal can ruin the tool. Cutting pliers are especially vulnerable to high, direct heat.
- 4. Never cut hardened wire with ordinary pliers.** Pliers should not be used for cutting hardened wire unless they are specifically recommended for this use.
- 5. Never rock pliers from side to side when cutting wire...and never bend the wire back and forth against the cutting**

knives. Either practice can dull or nick the cutting edges. Cut wire at a right angle only. If it won't cut readily, the knives may need sharpening. Or you may need pliers with greater leverage.

6. Never cut any wire or metal unless your eyes are protected. Goggles or other protective devices are an absolute must. Don't take shortcuts. Operate safely...the professional way.

7. Never cut any wire or metal unless your fellow workers' eyes are also protected. The wire that doesn't get you may get someone else. Think about the "other guy" as well as yourself.

8. Never depend on plastic-dipped handles to insulate you from electricity. Plastic-dipped handles are intended for comfort and a firmer grip only. They are not intended for protection against electric shock. Never use any pliers or cutting tools on live electrical circuits. Only use insulated tools that are marked with the official international 1000-volt rating symbol if there is any chance that the tool will make contact with an energized source.

9. Always wear approved eye protection such as protective goggles or a face mask.

Pliers Catalog Number Prefixes/Suffixes

"D" (Prefix) – Indicates the pliers have plastic-dipped handles. Plastic-dipped handles are for comfort, NOT for protection against electrical shock.

"HD" (Prefix) – Indicates the pliers have heavy-duty plastic-dipped handles. Heavy-duty plastic-dipped handles provide an extra level of user comfort and are NOT for protection against electrical shock.

"J" (Prefix) – Indicates the pliers have Journeyman™ handles. State-of-the-art dual material molding that allows for a softer, more comfortable grip on the outer surface and a harder, more durable grip on the inner surface and handle ends.

"C" (Suffix) – Indicates the pliers have a coil spring in the handles for self-opening action.

Pliers Cutting Edges

Knife-edge descriptions refer to the angle of the outside cutting edges of the knives when fully closed.

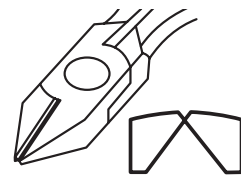
Standard Cutting Edges

Cuts hard wire. Found on all Klein side cutters, long nose, and on most diagonal-cutting pliers.



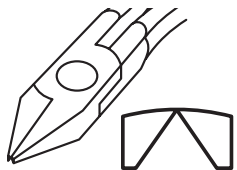
Semi-Flush Cutting Edges

Closely cuts medium wire. Found on select Klein diagonal cutting pliers.



Full-Flush Cutting Edges

Close, flat cutting of soft wire only. Found on select diagonal-cutting pliers.



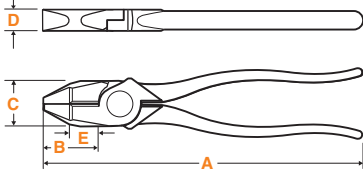
Introduction – Pliers

Pliers Dimensions

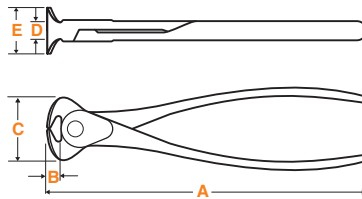
All Klein pliers are listed with necessary dimensions in both inches and millimeters. The following drawings of six basic types of pliers are keyed by letter to the dimensions given for each pliers listed. All dimensions are subject to commercial tolerances.

A – Overall Length	D – Jaw Thickness
B – Jaw Length	E – Knife Length
C – Jaw Width	F – Point Thickness

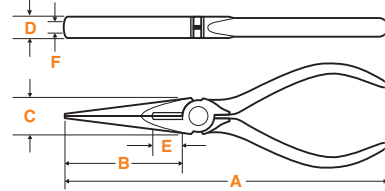
1. Side-Cutting Pliers



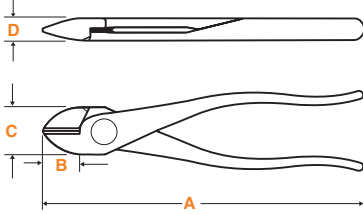
3. End-Cutting Pliers



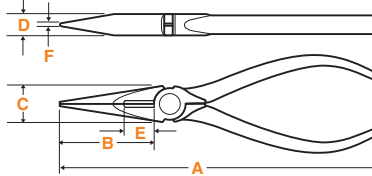
5. Flat-Nose and Duck-Bill Pliers



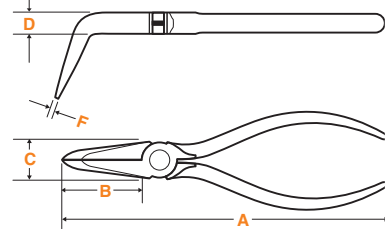
2. Diagonal-Cutting Pliers



4. Long-Nose Pliers



6. Curved-Nose Pliers



Pliers dimensions shown are accurate within accepted commercial tolerances, which allow slight variations that normally result from forging and grinding operations.

Side-Cutting Pliers

Features:

Custom, US-made tool steel.

“Handform” handles for full gripping and cutting power.

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.

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.



Pliers



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, over-sized, 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.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.



D213-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-8NE	New England	8-11/16" (221 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	plastic-dipped	dark blue	.90
HD213-8NE	New England	8-3/4" (222 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	heavy-duty, over-sized, plastic-dipped	light red	.97
213-9NE	New England	9-1/4" (235 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plain	n/a	1.05
D213-9NE	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	dark blue	1.14
HD213-9NE	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, over-sized, plastic-dipped	light red	1.15

Journeyman Series – Dual-material handles

J213-9NE	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	dark 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

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.



High-Leverage Side-Cutting Pliers – Fish Tape Pulling

Additional Features:

- Quickly and easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape.
- 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.



D213-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NETP	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	1.06
Journeyman Series – Dual-material handles									
J213-9NETP	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	dark blue/black	1.11
2000 Series* – Heavy-duty cutting knives									
D2000-9NETP	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
Journeyman 2000 Series* – Dual-material handles									
J2000-9NETP	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	1.14

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

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.



D2000-9NETH

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

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

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. 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 jaws.



D213-9NECR

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NECR	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	yellow	1.08
Journeyman Series – Dual-material handles									
J213-9NECR	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	yellow/black	1.13
2000 Series* – Heavy-duty cutting knives									
D2000-9NECR	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	1.08
Journeyman 2000 Series* – Dual-material handles									
J2000-9NECR	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	1.12

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish. Refer to the insulated section for insulated pliers.

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

Side-Cutting Pliers

Additional Feature:

- Sure-gripping, cross-hatched knurled jaws.



D201-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
Streamlined Design									
D201-6NE	New England	6-5/16" (160 mm)	1-3/32" (28 mm)	29/32" (23 mm)	1/2" (13 mm)	9/16" (14 mm)	plastic-dipped	dark blue	.39
D201-7NE	New England	7-7/16" (189 mm)	1-9/32" (33 mm)	1-1/16" (27 mm)	1/2" (13 mm)	5/8" (16 mm)	plastic-dipped	dark blue	.55
D201-8NE	New England	8-11/16" (221 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	plastic-dipped	dark blue	.92
D201-9NE	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.09
Square Nose									
D201-8	Square	8-11/16" (221 mm)	1-7/16" (37 mm)	1-7/32" (31 mm)	5/8" (16 mm)	23/32" (18 mm)	plastic-dipped	dark blue	.93
D201-9	Square	9-3/8" (238 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.10

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 gripping power.



12098

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
12098	Universal	8-5/8" (219 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	17/32" (13 mm)	3/4" (19 mm)	plastic-dipped	dark blue	.72

Refer to the insulated section for insulated pliers.

Ironworker's Work Pliers – High-Leverage

Additional Features:

- Twists and cuts soft annealed rebar tie wire.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Hook bend handle.
- Spring-loaded action for self-opening.
- Heavy-duty knurled jaws.



D213-9ST

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
213-9ST	Square	9-1/4" (235 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plain	n/a	1.02
D213-9ST	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	1.10
2000 Series* – Heavy-duty cutting knives									
D2000-9ST	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	royal blue	1.10

*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.

Side-Cutting Pliers

Ironworker's Work Pliers

Additional Features:

- Twists and cuts soft annealed rebar tie wire.
- Hook bend handle.
- Spring-loaded action for self-opening.
- Heavy-duty knurled jaws.



D201-7CST

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
201-7CST	Square	9-1/8" (232 mm)	1-9/32" (33 mm)	1-5/32" (29 mm)	1/2" (13 mm)	5/8" (16 mm)	plain	n/a	.67
D201-7CST	Square	9-1/4" (235 mm)	1-9/32" (33 mm)	1-5/32" (29 mm)	1/2" (13 mm)	5/8" (16 mm)	plastic-dipped	dark blue	.63
2000 Series* – Heavy-duty cutting knives									
D2000-7CST	Square	9-1/4" (235 mm)	1-9/32" (33 mm)	1-5/32" (29 mm)	1/2" (13 mm)	5/8" (16 mm)	plastic-dipped	royal blue	.63

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

Diagonal-Cutting Pliers

Features:

Custom, US-made tool steel.


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

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

Induction hardened cutting knives for long life.

Short jaws and beveled cutting edges permit close cutting of wire.

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.



Diagonal-Cutting Pliers

High-Leverage Diagonal-Cutting Pliers

Additional Feature:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



D2000-28

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D228-7	7-1/8" (181 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.54
D228-8	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.60
Journeyman Series – Dual-material handles								
J228-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.67
2000 Series* – Heavy-duty cutting knives								
D2000-28	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	royal blue	.60
Journeyman 2000 Series* – Dual-material handles								
D2000-28	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.67

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish. Refer to the insulated section for insulated pliers.

High-Leverage Diagonal-Cutting Pliers – Angled Head

Additional Features:

- Angled head design for easy work in confined spaces.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



D2000-48

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D248-8	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.60
D238-8	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	semi-flush**	plastic-dipped	red	.59
Journeyman Series – Dual-material handles								
J248-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.61
2000 Series* – Heavy-duty cutting knives								
D2000-48	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	royal blue	.60
Journeyman 2000 Series* – Dual-material handles								
J2000-48	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.61

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

**Semi-flush cutting knives cut Cherry Burrel rivets. For use on non-ferrous wire only. Refer to the insulated section for insulated pliers.

High-Leverage Diagonal-Cutting Pliers – Stripping Holes

Additional Features:

- Cleanly strips 12 and 14 AWG wire.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



SOLID
12 – 14 AWG

D243-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D243-8	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.60

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.



Diagonal-Cutting Pliers

High-Leverage Diagonal-Cutting Pliers

Additional Features:

- Angled head design for easy working in confined spaces.
- Hooked handle for improved grip.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



D248-9ST

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D248-9ST	9-3/16" (233 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.68

Heavy-Duty Diagonal-Cutting Pliers – Tapered Nose

Additional Features:

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



D220-7

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D220-7	7-11/16" (195 mm)	1" (25 mm)	31/32" (25 mm)	1/2" (13 mm)	standard	plastic-dipped	red	.54

Refer to the insulated section for insulated pliers.

Heavy-Duty Diagonal-Cutting Pliers – All Purpose

Additional Features:

- Heavier design for all-purpose use.
- Tapered nose for easy working in confined areas.



D252-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D252-6	6-1/8" (156 mm)	13/16" (21 mm)	3/4" (19 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.38

Bell System Type "W" Notches – Slit insulation cleanly

D252-6SW	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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Standard Diagonal-Cutting Pliers – Tapered Nose

Additional Feature:

- Easy working in confined areas.



D202-5C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D202-5	5-9/16" (142 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.28
D202-5C*	5-9/16" (142 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.27
D202-6	6-1/8" (156 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.29
D202-6C*	6-1/8" (156 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.31

Bell System Type "W" Notches – Slit insulation cleanly

D202-5SW	5-9/16" (142 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.28
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*Spring-loaded action for self-opening.

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.

Pliers



Diagonal-Cutting Pliers

Standard Diagonal-Cutting Pliers – Tapered Nose

Additional Feature:

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



D245-5

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D245-5	5-1/16" (129 mm)	11/16" (18 mm)	9/16" (14 mm)	3/8" (10 mm)	standard	plastic-dipped	red	.20
D245-5C*	5-1/16" (129 mm)	11/16" (18 mm)	9/16" (14 mm)	3/8" (10 mm)	standard	plastic-dipped	red	.20

*Spring-loaded action for self-opening.

Standard Diagonal-Cutting Pliers – Semi-Flush Cutting

Additional Features:

- Trims plastic or printed circuit boards.
- Spring-loaded for self-opening action.



D210-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D210-5C	5-9/16" (142 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	semi-flush	plastic-dipped	red	.27
D210-6C	6-1/8" (156 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	semi-flush	plastic-dipped	red	.29

Standard Diagonal-Cutting Pliers – Stripping Hole

Additional Features:

- Cleanly strips 16-gauge (1.0 mm) wire.
- Tapered nose for easy working in confined areas.

SOLID
16 AWG



D240-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D240-6	6-1/8" (156 mm)	13/16" (21 mm)	11/16" (18 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.30

Diagonal-Cutting Electronics Pliers

Diagonal-Cutting – Pointed Nose, Narrow Jaws

Additional Features:

- Narrow jaw and hinge for delicate work in tight areas.
- Sharp pointed-nose for precise tip cutting.
- Spring-loaded action for self-opening.



D244-5C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D244-5C	5-1/16" (129 mm)	11/16" (18 mm)	1/2" (13 mm)	5/16" (8 mm)	flush	plastic-dipped	royal blue	.18

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.



Diagonal-Cutting Electronics Pliers

Midget Standard Diagonal-Cutting Pliers

Additional Feature:

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



D257-4

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D257-4	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.12
D257-4C*	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.12

*Spring-loaded action for self-opening.

Midget Diagonal-Cutting Pliers – Pointed Nose

Additional Features:

- Sharp pointed-nose for precise tip cutting and trimming printed circuit boards.
- Spring-loaded for self-opening action.



FCD219-4C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D209-4C	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.13
D209-5C	5-1/16" (129 mm)	11/16" (18 mm)	9/16" (14 mm)	3/8" (10 mm)	semi-flush	plastic-dipped	royal blue	.19
D219-4C*	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.12
D219-5C*	5-1/16" (129 mm)	11/16" (18 mm)	9/16" (14 mm)	3/8" (10 mm)	semi-flush	plastic-dipped	royal blue	.19
FCD219-4C*	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	full-flush	plastic-dipped	royal blue	.12

*Slim head for easy entry into confined areas.

Midget Diagonal-Cutting – Pointed Nose, Extra Narrow Jaws

Additional Features:

- Narrow jaw and hinge for delicate work in tight areas.
- Sharp pointed-nose for precise tip cutting.
- Spring-loaded action for self-opening.



D259-4C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D259-4C	4-1/4" (108 mm)	1/2" (13 mm)	13/32" (10 mm)	1/4" (6 mm)	flush	plastic-dipped	royal blue	.12

Midget Diagonal-Cutting Pliers – Tapered Nose, Midget Jaw

Additional Features:

- Miniature jaw for close-quarter work with maximum visibility.
- Sharp pointed-nose for precise tip cutting.
- Spring-loaded action for self-opening.



D295-4C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D295-4C	4-1/4" (108 mm)	1/2" (13 mm)	3/8" (10 mm)	1/4" (6 mm)	flush	plastic-dipped	royal blue	.11

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.



Diagonal-Cutting Electronics Pliers

Midget Diagonal-Cutting Pliers – Nickel Ribbon Wire

Additional Features:

- Designed to cut nickel ribbon wire.
- Nose tip is only 1/32" (0.8 mm) for precise work in confined areas.
- Tip cutting knife is 3/16" (5 mm) long for precise cutting.
- Spring-loaded action for self-opening.



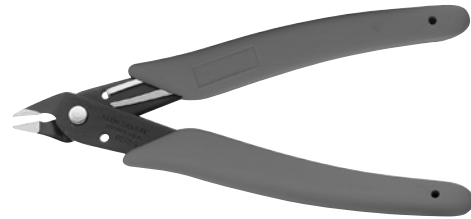
D230-4C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D230-4C	4-1/4" (108 mm)	1/2" (13 mm)	7/16" (11 mm)	1/4" (6 mm)	semi-flush	plastic-dipped	royal blue	.12

Lightweight Flush Cutter

Additional Features:

- Shears wire up to 18 AWG producing a flat, flush cut.
- Shear cutting greatly reduces cutting effort and minimizes fly-off.
- Cushioned grips and steel return spring for increased comfort during repetitive cutting.
- Ultra slim profile increases access in confined areas.
- Heat treated for increased durability.

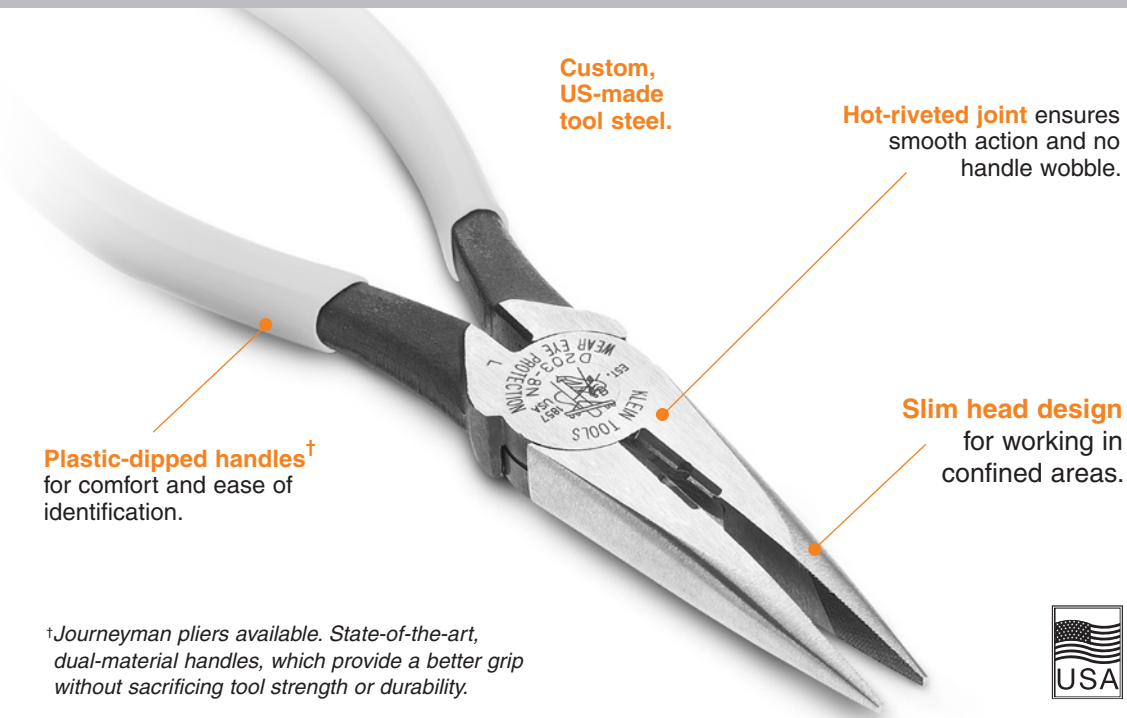


D275-5

Cat. No.	Overall Length	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D275-5	5" (127 mm)	flush	plastic	red	.11

Long-Nose Pliers

Features:



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

Custom, US-made tool steel.

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

Slim head design for working in confined areas.

[†]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.



Heavy-Duty Long-Nose Pliers – Side-Cutting

Additional Features:

- Induction hardened cutting knives for long life.
- Heavier design for greater cutting power.
- Extended handles provide added reach and leverage.



D203-8NCR

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-8	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.60
Journeyman Series – Dual-material handles									
J203-8	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.63
Wire Stripping – Cleanly strips 12 AWG wire									
D203-8N	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.59
Journeyman Series – Dual-material handles									
J203-8N	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.64
Wire Stripping & Crimping – Cleanly strips 12 AWG wire; crimps connectors, lugs & terminals									
D203-8NCR	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.61

Refer to the insulated section for insulated pliers.

Standard Long-Nose Pliers – Side-Cutting

Additional Features:

- Induction hardened, long-lasting cutting knives.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



D203-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-5	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.23
D203-5C*	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.23
D203-6	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.27
D203-6C*	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.27
D203-7	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.29
D203-7C*	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.29
Journeyman Series – Dual-material handles									
J203-6	6-3/4" (171 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.30
J203-7	7-5/16" (186 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.33
Heavy-Duty Crimping – Crimps Tel-Splice connectors									
D203-6CR	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.26
Switchboard Work – Cleanly strips 19 & 22 AWG wire									
D203-6H2	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.26

*Spring-loaded action for self-opening.

Refer to the insulated section for insulated pliers.

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.



Long-Nose Pliers

Standard Long-Nose Pliers

Additional Features:

- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



D301-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D301-5	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	yellow	.25
D301-5C*	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.25
D301-6	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	yellow	.29
D301-6C*	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.28
D303-6	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.28
D301-7	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	yellow	.29
D301-7C*	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.30

*Spring-loaded action for self-opening.

Long-Nose Pliers – Long Reach

Additional Features:

- Knurled jaws for sure wrapping and looping.
- Extended handles provide added reach and leverage.



D314-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
Rounded Nose Design								
D314-8	8-1/8" (206 mm)	1-15/16" (49 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	yellow	.36
Flat Nose Design								
D315-8	7-3/4" (197 mm)	1-9/16" (40 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" x 1/4" (2 mm x 6 mm)	plastic-dipped	yellow	.35

Long-Nose Pliers – Duck Bill

Additional Features:

- Tapered head design for easy working in tight areas.
- Curved handles provide greater tool control.



D305-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
Flat Nose – Knurled jaws								
D305-6	7-1/16" (179 mm)	2-5/16" (59 mm)	11/16" (18 mm)	3/8" (10 mm)	5/16" (8 mm)	plastic-dipped	yellow	.30
Rounded Nose – Smooth jaws								
D304-6	7-1/16" (179 mm)	2-5/16" (59 mm)	11/16" (18 mm)	3/8" (10 mm)	3/8" (10 mm)	plastic-dipped	yellow	.30

Long-Nose Pliers – Concave Jaws

Additional Features:

- Concave jaws easily reach into confined areas.
- Jaw width tapers to narrow, rounded tip.
- Polished inside jaws prevent nicking wire.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D306-5 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D306-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	1/8" (3 mm)	plastic-dipped	yellow	.16

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.



Electronics Long-Nose Pliers

Slim Long-Nose Pliers

Additional Features:

- Longer nose and handles for deeper reach into work.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D307-5 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
Knurled Jaws – Sure-wrapping and looping									
D307-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	n/a	1/32" (.8 mm)	plastic-dipped	yellow	.15
Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire									
D327-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	n/a	1/16" (1.6 mm)	plastic-dipped	dark blue	.16
Side Cutters & Knurled Jaws – Long-lasting cutting knives; sure wrapping and looping									
D221-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	13/32" (10 mm)	1/32" (.8 mm)	plastic-dipped	yellow	.15

Midget Long-Nose Pliers – Slim-Nose

Additional Features:

- Lightweight, slim-nose pliers for precision subminiature assembly work.
- Knurled jaws for sure-wrapping and looping.
- Curved handles provide greater tool control.



D321-4 1/2

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)	
D321-4 1/2	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/32 x 1/16" (.8 x 1.6 mm)	plastic-dipped	royal blue	.13	
D321-4 1/2C*	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/32 x 1/16" (.8 x 1.6 mm)	plastic-dipped	royal blue	.14	
Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire									
D322-4 1/2C*	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/32 x 1/16" (.8 x 1.6 mm)	plastic-dipped	royal blue	.14	

*Spring-loaded for self-opening action.

Midget Flat Long-Nose Pliers

Additional Features:

- Jaw width tapers to narrow flat tip for sure gripping in confined areas.
- Polished inside jaws help prevent nicking wire.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D323-4 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D323-4 1/2C	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/8 x 1/16" (3 x 1.6 mm)	plastic-dipped	royal blue	.14

Tapered Long-Nose Pliers

Additional Features:

- Larger and sturdier yet tapered design allows access into tight areas.
- Knurled jaws for sure wrapping and looping.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D310-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D310-6C	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.27

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.



Electronics Long-Nose Pliers

Long-Nose Pliers – Chain Nose

Additional Features:

- Knurled jaws for sure gripping, bending and forming of medium-gauge wire.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D317-5C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D317-5C	5-1/16" (129 mm)	1-1/8" (29 mm)	1/2" (13 mm)	5/16" (8 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.14

Needle-Nose Pliers – Side-Cutting

Additional Features:

- Extra length for added reach in confined areas.
- Knurled jaws for sure wrapping and looping.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D203-6SCPC

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-6SCPC	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.26

Long Needle-Nose Pliers

Additional Features:

- Designed for accurate work in hard-to-reach areas.
- Knurled jaws for sure wrapping and looping.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D318-5 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D318-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.13

Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire edges

D328-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	1/2" (13 mm)	5/16" (8 mm)	1/16" (1.6 mm)	plastic-dipped	dark blue	.14
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Long Needle-Nose Pliers – Extra-Slim

Additional Features:

- Long, narrow nose and slim hinge for extremely close quarter work.
- Finely knurled jaws grip thin wire without damaging it.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D335-5 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D335-5 1/2C	5-5/8" (143 mm)	1-11/16" (43 mm)	15/32" (12 mm)	1/4" (6 mm)	1/16" (1.6 mm)	plastic-dipped	royal blue	.13

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.



Electronics Long-Nose Pliers

Curved Long Needle-Nose Pliers – Extra-Slim

Additional Features:

- 60° bent nose for maximum work visibility in confined areas.
- Easily bends and forms fine wire.
- Polished inside jaws and radiused jaw edges prevent nicking wire.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D338-5 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D338-5 1/2C	5-1/2" (140 mm)	1-1/2" (38 mm)	1/2" (13 mm)	5/16" (8 mm)	1/16" (1.6 mm)	plastic-dipped	dark blue	.14

Curved Long-Nose Pliers

Additional Features:

- 70° bent nose for maximum work visibility in confined areas.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



D302-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D302-6	6-3/8" (162 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	yellow	.30

Midget Curved Chain-Nose Pliers

Additional Features:

- 60° bent nose for maximum work visibility in confined areas.
- Easily bends and forms fine wire.
- Polished inside jaws and radiused jaw edges prevent nicking wire.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D320-4 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D320-4 1/2C	4-3/4" (121 mm)	1" (25 mm)	13/32" (10 mm)	1/4" (6 mm)	1/16" (1.6 mm)	plastic-dipped	royal blue	.13

Special Use Long-Nose Pliers

Conduit Locknut and Reaming Pliers

Additional Features:

- Tightens 1/2" and 3/4" EMT or 1/2" rigid locknuts.
- Fits liquid tight fittings and caps.
- Reams and smoothes both inside and outside of conduit.
- Knurled jaws at nose tip pull wire or fish tape.
- Machined nose fits snugly into locknut wings.



D333-8



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D333-8	7-3/4" (197 mm)	1-5/8" (41 mm)	15/16" (24 mm)	1/2" (13 mm)	3/16" (4.8 mm)	plastic-dipped	yellow	.55

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.



Special Use Long-Nose Pliers

Needle-Nose Pliers – Fatigue Reducing

Additional Features:

- Handles minimize bending of wrist to reduce strain and fatigue.
- Knurled jaws for sure wrapping and looping.
- Spring-loaded for self-opening action.



D366-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D366-6C	8" (203 mm)	1-15/16" (49 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" (1.6 mm)	foam plastic	red	.38

Snap Ring Pliers

Retaining-Ring Pliers

- Sturdy steel construction with corrosion-resistant black-oxide finish.
- Heat-treated tips for long-lasting life and secure gripping.



73237

Cat. No.	Tip Size	Tip Angle	Housing I.D.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
Internal Retaining-Ring – Deluxe style; spring-loaded action							
73237	.038"	straight	.375" – 1.0" (9.53 mm – 25.4 mm)	5-9/16" (142 mm)	plastic-dipped	yellow	.16
73238	.038"	45°	.375" – 1.0" (9.53 mm – 25.4 mm)	5-3/8" (137 mm)	plastic-dipped	yellow	.16
73239	.038"	90°	.375" – 1.0" (9.53 mm – 25.4 mm)	5-1/4" (133 mm)	plastic-dipped	yellow	.15
Internal Retaining-Ring – Field style; fixed tip design without spring							
73236	.038"	straight	.375" – 1.0" (9.53 mm – 25.4 mm)	5-9/16" (142 mm)	plain	n/a	.14

Cat. No.	Tip Size	Tip Angle	Shaft O.D.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
External Retaining-Ring – Deluxe style; spring-loaded action							
73242	.038"	straight	1/4" – 7/8" (6.35 mm – 22.23 mm)	5-11/16" (144 mm)	plastic-dipped	yellow	.17
73243	.038"	45°	1/4" – 7/8" (6.35 mm – 22.23 mm)	5-5/8" (143 mm)	plastic-dipped	yellow	.17
73244	.038"	90°	1/4" – 7/8" (6.35 mm – 22.23 mm)	5-1/2" (140 mm)	plastic-dipped	yellow	.17
External Retaining-Ring – Field style; fixed tip design without spring							
73241	.038"	straight	1/4" – 7/8" (6.35 mm – 22.23 mm)	5-11/16" (144 mm)	plain	n/a	.16

Retaining-Ring Pliers – Interchangeable Tip Set

- Set contains deluxe style retaining-ring pliers and two each of these interchangeable tips: .038"/90°, .047"/straight, .047"/45°, .067"/straight.
- Pliers have spring-loaded action, sturdy steel construction, and corrosion-resistant black-oxide finish.



73249

Cat. No.	Style	Overall Length	Handle Finish	Handle Color	Description	Weight (lbs.)
73247	deluxe	6-1/4" (159 mm)	plastic-dipped	yellow	contains one internal & one external pliers with tip set	.42
73248	deluxe	6-1/4" (159 mm)	plastic-dipped	yellow	contains one internal pliers with tip set	.20
73249	deluxe	6-1/4" (159 mm)	plastic-dipped	yellow	contains one external pliers with tip set	.21
Replacement Tip Set						
73250	n/a	n/a	n/a	n/a	contains two each of: .038"/90°, .047"/straight, .047"/45°, .067"/straight	.02

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.



Retaining-Ring Pliers – Convertible

- Adjustable for internal and external retaining-rings.
- Sturdy steel construction with corrosion-resistant black-oxide finish.
- Heat-treated tips for long-lasting life and secure gripping.



73245

Cat. No.	Overall Length	Tip Size	Tip Angle	Internal Ring Fit	External Ring Fit	Handle Finish	Handle Color	Weight (lbs.)
73245	5-7/8" (150 mm)	.038"	straight	0.375" - 1.00" (9.53 mm - 25.4 mm)	0.250" - 0.875" (6.35 mm - 22.23 mm)	plastic-dipped	yellow	.12
73246	7-5/8" (194 mm)	.070"	straight	1.023" - 1.625" (26 mm - 41.28 mm)	0.938" - 1.438" (23.83 mm - 36.53 mm)	plastic-dipped	yellow	.27

Internal/External Retaining-Ring Pliers Kit

- Sturdy plastic storage box.
Overall dimensions:
13-1/2" W x 9-1/2" D x 2-1/8" H (343 mm x 241 mm x 54 mm)
- Hinged cover contains helpful compartment identification label.
- Pliers have sturdy steel construction and corrosion-resistant black-oxide finish.



73235

Cat. No.	Contains	Weight (lbs.)
73235	over 220 internal retaining-rings in sizes up to 1.023" housing diameter; external retaining-rings in sizes up to 0.875"; #73236 & #73241 pliers	2.00
73240	internal retaining-rings in sizes up to 1.625" housing diameter; external retaining-rings in sizes up to 1.438"; #73246 pliers	2.40

Special Use Pliers

Wire Twisting Pliers – Aviation

- Diagonal nose design for easy access into hard-to-reach areas.
- Knurled jaw tips for sure gripping.
- Secure holding slide lock keeps wire locked into the pliers while twisting.
- Spring return twist rod for fast and easy working.
- Clutched pull knob allows you to continuously twist wire without releasing your grip.



12213

Cat. No.	Style	Wire Capacity	Length	Weight (lbs.)
12213	right hand twist only	0.041	9" (229 mm)	.56
12214	reversing – left hand and right hand twist	0.041	9" (229 mm)	.56
12215	right hand twist only	0.060	10-1/2" (267 mm)	.82
12216	reversing – left hand and right hand twist	0.060	11-1/8" (283 mm)	.86

These tools meet or exceed the following standards:
Aerospace standard AS567
Airframe and power plant mechanics general handbook (FAA) standard AC 65-9
Aircraft inspection and repair (FAA) standard AC 43.13-1A

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.



Special Use Pliers

End-Cutting Pliers

- Wide throat clearance for clean, even cutting of wire or nails at close range.
- High-leverage design provides greater cutting power at the knives than other plier designs.
- Extended handles for longer reach and increased leverage.



D232-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D232-8	8-1/2" (216 mm)	3/8" (10 mm)	1-3/16" (30 mm)	19/32" (15 mm)	1-3/16" (30 mm)	plastic-dipped	red	.71
2000 Series* – Heavy-duty cutting knives								
D2000-32	8-1/2" (216 mm)	3/8" (10 mm)	1-3/16" (30 mm)	19/32" (15 mm)	1-3/16" (30 mm)	plastic-dipped	royal blue	.71

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

Plastic Cutting Pliers

- Precisely cuts injection mold sprues, gates and other plastic.
- Adjustable 1/16" hollow-head screw keeps knife-edges from damaging each other (not designed for use on metal).
- Spring-loaded for self-opening action.



D227-7C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D227-7C	7-11/16" (195 mm)	1" (25 mm)	31/32" (25 mm)	1/2" (13 mm)	flush	plastic-dipped	red	.55

Slip-Joint Pliers

Slip-Joint Pliers

- Shear-type cutter for precision wire cutting.
- Two versatile jaw positions.
- Serrated jaws provide sure-gripping power.
- Nickel-chrome plated for long life.
- Knurled handles for greater leverage.



D511-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Handle Finish	Handle Color	Weight (lbs.)
511-6	6-1/2" (165 mm)	1-3/16" (30 mm)	1-3/16" (30 mm)	3/8" (10 mm)	plain	n/a	.36
D511-6	6-9/16" (167 mm)	1-3/16" (30 mm)	1-3/16" (30 mm)	3/8" (10 mm)	plastic-dipped	turquoise blue	.39
511-8	8" (203 mm)	1-3/8" (35 mm)	1-1/4" (32 mm)	7/16" (11 mm)	plain	n/a	.57
D511-8	8-1/16" (205 mm)	1-3/8" (35 mm)	1-1/4" (32 mm)	7/16" (11 mm)	plastic-dipped	turquoise blue	.62
511-10	9-3/4" (248 mm)	1-3/4" (44 mm)	1-3/8" (35 mm)	15/32" (12 mm)	plain	n/a	.81
D511-10	9-7/8" (251 mm)	1-3/4" (44 mm)	1-3/8" (35 mm)	15/32" (12 mm)	plastic-dipped	turquoise blue	.83

Slip-Joint Pliers – Hose Clamp

- Quickly installs and removes spring-tension hose clamps.
- Grips with either end or side of jaws for work in confined areas.
- Nickel-chrome plated for long life.



D514-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Handle Finish	Handle Color	Weight (lbs.)
514-8	8" (203 mm)	1-3/8" (35 mm)	1-1/4" (32 mm)	7/16" (11 mm)	plain	n/a	.56
D514-8	8-1/16" (205 mm)	1-3/8" (35 mm)	1-1/4" (32 mm)	7/16" (11 mm)	plastic-dipped	turquoise blue	.61

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.



Pipe-Wrench Pliers – Angled Head

- 90° angled jaws provide 20% more leverage than 32° angled jaws.
- Secure tongue and groove design for non-slip grip – even with heavy pressure.
- Seven versatile jaw positions.
- Handle stop design prevents pinched fingers.



D503-10

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
D503-10	10-1/4" (260 mm)	2-1/8" (54 mm)	plastic-dipped	yellow	1.14
D503-12	13-1/4" (336 mm)	2-5/8" (67 mm)	plastic-dipped	yellow	2.14

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.



Forceps

Heat-Sink Forceps

- Self-clamping pincers hold wires, small parts or other components, leaving hands free for other tasks.
- Use for soldering, testing, heat sink, etc.



71089

Cat. No.	Overall Length	Style Description	Pivot	Jaws	Weight (lbs.)
71089	5-5/8" (143 mm)	straight-tip	box joint	serrated	.06
71090	5-3/4" (146 mm)	curved-tip	box joint	serrated	.06

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

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.

Pliers Handles

Replacement Slip-On Pliers Handles

- Durable red plastic.

Cat. No.	Size to Fit Pliers	Weight (lbs.)
34	4" – 4-1/2" (102 mm – 114 mm) long	.04
35	5" – 5-1/2" (127 mm – 140 mm) long	.10
36	6" – 6-1/2" (152 mm – 165 mm) long	.10



34

Replacement Klein-Koat® Tenite Pliers Handles

- Tenite plastic for slip-resistant grip and comfort.

Cat. No.	Size to Fit Pliers	Color	Weight (lbs.)
60	6" (152 mm) long	maroon	.05
70	7" (178 mm) long	maroon	.10
89	8" – 9" (203 mm – 229 mm) long	maroon	.10



70

Replacement Comfort-Grip Pliers Handles

- Klein exclusive slip-reducing pliers handle.
- Aerated plastic construction provides firm and resilient cushion.

Cat. No.	Size to Fit Pliers	Color	Weight (lbs.)
55	5" – 6-1/2" (127 mm – 165 mm) long	red	.05



55



Journeyman™ Series

The Journeyman™ line of hand tools represents the best of Klein quality and workmanship combined with the latest innovations in handle design.

FOR PROFESSIONALS... SINCE 1857®



Journeyman™ Series

Side-Cutting Pliers

Features:

Contoured thumb area for additional comfort and positive feel.

Color-coded yellow, dark blue, red, or light blue handles allow quick identification of tool.

JOURNEYMAN™

Soft material on outer surface for comfort and a firm grip.

State-of-the-art dual material molding process.

Hard, black material for toughness and durability.



High-Leverage Side-Cutting Pliers

JOURNEYMAN™

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamline design with sure-gripping, cross-hatched knurled jaws.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J213-9NE	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	dark blue/black	1.13
2000 Series* – Heavy-duty cutting knives									
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

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

High-Leverage Side-Cutting Pliers – Fish-Tape Pulling

JOURNEYMAN™

Additional Features:

- Quickly and easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamline design with sure-gripping, cross-hatched knurled jaws.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J213-9NETP	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	dark blue/black	1.11
2000 Series* – Heavy-duty cutting knives									
J2000-9NETP	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	1.14

*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.

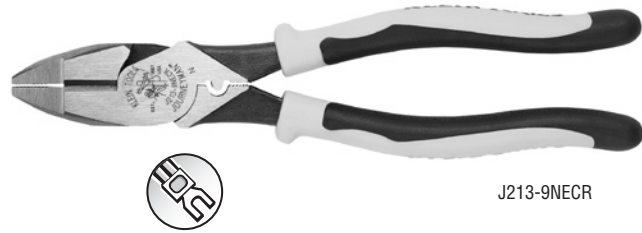


Side-Cutting Pliers

High-Leverage Side-Cutting Pliers – Connector Crimping **JOURNEYMAN**

Additional Features:

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamline design with rounded nose and sure-gripping, cross-hatched knurled jaws.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J213-9NECR

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J213-9NECR	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	yellow/black	1.13
2000 Series* – Heavy-duty cutting knives									
J2000-9NECR*	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	1.12

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

Diagonal-Cutting Pliers

High-Leverage Diagonal-Cutting Pliers **JOURNEYMAN**

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs.
- Short jaws and beveled cutting edges permit close cutting of wire.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-28

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
J228-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.67
2000 Series* – Heavy-duty cutting knives								
J2000-28	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.67

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

High-Leverage Diagonal-Cutting Pliers – Angled Head **JOURNEYMAN**

Additional Features:

- Angled head design for easy work in confined spaces.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs.
- Short jaws and beveled cutting edges permit close cutting of wire.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-48

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
J248-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.61
2000 Series* – Heavy-duty cutting knives								
J2000-48	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.61

*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.



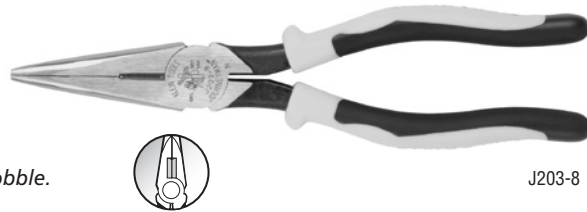
Long-Nose Pliers

Heavy-Duty Long-Nose Pliers – Side-Cutting

JOURNEYMAN™

Additional Features:

- Induction-hardened, long-lasting cutting knives.
- Heavier design for greater cutting power.
- Extended handles provide added reach and leverage.
- Slim head design for working in confined areas.
- Hot-riveted joint ensures smooth action and no handle wobble.



J203-8

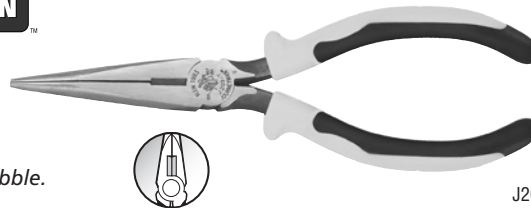
Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
J203-8	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.63
Wire Stripping – Cleanly strips 12 AWG wire									
J203-8N	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.64

Standard Long-Nose Pliers

JOURNEYMAN™

Additional Features:

- Slim head design for working in confined areas.
- Induction-hardened, long-lasting cutting knives.
- Knurled jaws for sure-wrapping and looping.
- Hot-riveted joint ensures smooth action and no handle wobble.



J203-7

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
J203-6	6-3/4" (171 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.30
J203-7	7-5/16" (186 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.33

Pump 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

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.

Crimping Tool

Crimping/Cutting Tool – Non-Insulated/Insulated Connectors

JOURNEYMAN™

Additional Features:

- Designed to crimp insulated and non-insulated 10 to 22 AWG solderless terminals and connectors.
- Tapered nose design for working in confined spaces.
- Contoured thumb area for additional comfort and positive feel.
- Specially hardened cutter.
- Hot-riveted joint ensures smooth action and no handle wobble.



J1005

Cat. No.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
J1005	9-3/4" (248 mm)	Journeyman	red/black	.84

Cable Cutter

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.



J63050

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

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



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.



Telecom/ Datacom Tools

Telecom/datacom workers prefer Klein tools for their exceptional quality, performance, and long working life. That's why Klein is the brand the industry depends on.

For Professionals... Since 1857®



Bell-System Pliers Selection Chart

Bell-System Designation	Current Cat. No.	Bell-System Designation	Current Cat. No.
Type B Long-Nose	D301-6	Diagonal B-5	D245-5
Type C Long-Nose	71972	Diagonal B V-Notch	D528V
Type D Long-Nose	71974	Diagonal C V-Notch	72198
Type E Long-Nose	71976	Diagonal D-6	72192
Type G Long-Nose	71978	Diagonal E-6	72194
List 1 Long-Nose	71980	8" B Sidecut	D213-8NE
List 2 Long-Nose	71982	9" B Sidecut	D213-9NE
Type B Short-Nose	D2291	C Pressing	D234-6
Type C Short-Nose	71990		

Diagonal Bell-System Pliers – “W” & “V” Notches

- “W” notches to cleanly slit insulation.
- “V” notch at the hinge for quick insulation crushing.
- Tapered nose for easy working in confined areas and close tip cutting.



D528V

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D528V	5-3/16" (132 mm)	13/16" (21 mm)	9/16" (14 mm)	3/8" (10 mm)	standard	plastic-dipped	red	.20

Diagonal Telephone Work Pliers – Types D-6 & E-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. (Cat. No. 72192 only.)
- 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
72194*	6-1/8" (156 mm)	13/16" (21 mm)	3/4" (19 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.33

*Nose surface coating of aluminum-oxide diele

Diagonal Telephone Work Pliers – Type CV Notch

- Tapered nose for easy working in confined areas and close tip cutting.
- “V” stripping notch in jaw for quick insulation slitting.
- Nose surface coating of aluminum-oxide dielectric material.
- Curved handles provide greater tool control.



72198

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Handle Finish	Handle Color	Weight (lbs.)
72198*	5-3/16" (132 mm)	13/16" (21 mm)	9/16" (14 mm)	3/8" (10 mm)	plastic-dipped	red	.20

*Nose surface coating of aluminum-oxide diele

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.



Telecom/Datacom Tools

Scotchlok® Connector Crimping Pliers

- Crimps and seats UG, UR, and UY connectors.
- Curved handles for greater control.
- Induction hardened side-cutting knives for long life.



D234-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D234-6	5-13/16" (148 mm)	1-3/32" (28 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	plastic-dipped	yellow	.25
D234-6C*	5-13/16" (148 mm)	1-3/32" (28 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	plastic-dipped	yellow	.25

*Spring-loaded action for self-opening.
Scotchlock® is a registered trademark of 3M.

Standard Long-Nose Pliers – Heavy-Duty Crimping

- Crimps Tel-Splice connectors.
- Induction hardened, long-lasting cutting knives.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



D203-6CR

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-6CR	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.26

Short-Nose Telephone Work Pliers – Type C

- Strips 22 or 24 gauge wire and crushes insulation in nose slot.
- Nose surface coating of aluminum-oxide dielectric material.
- Curved handles provide greater tool control.



71990

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
71990*	6" (152 mm)	1-1/4" (32 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" x 3/32" (1.6 mm x 2 mm)	plastic-dipped	orange	.27

*Nose surface coating of aluminum-oxide dielectric

Long-Nose Telephone Work Pliers – Stripping

- Cleanly strips 22 (.34 mm²) to 24 (.25 mm²) AWG wire.
- Convenient insulation crushing slot.
- Curved handles provide greater tool control.



D2291

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D2291	6" (152 mm)	1-1/4" (32 mm)	11/16" (18 mm)	3/8" (10 mm)	1/16" x 3/32" (1.6 mm x 2 mm)	plastic-dipped	yellow	.25

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.



Long-Nose Telephone Work Pliers – Narrow Tip with Single Cutter

- Single-cutting knife behind point provides precise tip cutting.
- Jaws knurled at tip for sure wrapping and looping.
- Spring-loaded for self-opening action.
- Curved handles provide greater tool control.



D317-6PC

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D317-6PC	6" (152 mm)	1-1/4" (32 mm)	11/16" (18 mm)	3/8" (10 mm)	5/16" (8 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.25

Long-Nose Telephone Work Pliers – Types L1 & L2

- Knurled jaw tips for greater gripping power.
- Induction hardened side-cutting knives for long life.
- Convenient .030" stripping hole.
- Curved handles provide greater tool control.



71980

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
71980	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" x 3/32" (1.6 mm x 2 mm)	plastic-dipped	yellow	.25
71982*	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" x 3/32" (1.6 mm x 2 mm)	plastic-dipped	yellow	.25

*Nose surface coated

Standard Long-Nose Pliers – Switchboard Work

- Cleanly strips 19 & 22 AWG wire.
- Induction hardened, long-lasting cutting knives.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



D203-6H2

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-6H2	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.26

Long-Nose Telephone Work Pliers – Type C

- Knurled jaw tips for greater gripping power.
- Curved handles provide greater tool control.
- Pressing groove near hinge for brass sleeves.



71972

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
71972	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	orange	.27

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.



Telecom/Datacom Tools

Long-Nose Telephone Work Pliers – Types D & E

- Knurled jaw tips for greater gripping power.
- Nose surface coating of aluminum-oxide dielectric material.
- Curved handles provide greater tool control.
- Type E has pressing groove near hinge for brass sleeves.



71974

Cat. No.	Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
71974*	D	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	orange	.28
71976*	E	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	orange	.27

*Nose surface coating of aluminum-oxide diele

Long-Nose Telephone Work Pliers – Type G

- For closing 700, 701, and 702 type connectors.
- Knurled jaw tips for greater gripping power.
- Pick located on the inside of one handle for breaking out the side wall of wire connectors.
- Curved handles provide greater tool control.



71978

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
71978	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	3/32" (2 mm)	plastic-dipped	orange	.28

Bell System Type

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

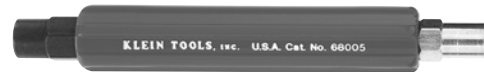


3146B

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

Can Wrench

- 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.



68005

Cat. No.	Description	Length	Handle Diameter	Weight (lbs.)
68005	3/8" and 7/16" hex nut	7" (178 mm)	1" (25 mm)	.350

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

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 of wrench.

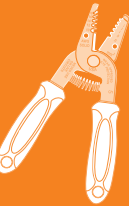


Strippers, Cutters & Crimpers

Manufactured with the needs of the professional tool user in mind, Klein strippers, cutters, and crimpers are designed to get jobs done with precision and quality.

FOR PROFESSIONALS... SINCE 1857®

Strippers, Cutters & Crimpers



Wire Strippers/Cutters

Features:

Curved handles help reach into confined areas.

Double-dipped comfort grips.

Wire looping and bending holes.

Strong-gripping serrated nose; for easy bending, shaping, and pulling of wire.

Coil spring provides fast self-opening action.

KLEIN-KURVE®

Handy closure lock for convenient storage.

Screw-shearing holes.

Precision-ground stripping holes.



Wire Strippers/Cutters – Solid and Stranded Wires

KLEIN-KURVE®

Additional Features:

- Precision shear-type blades for clean cuts on solid and stranded copper wire.
- Easy-to-read markings on both sides.



11055

Cat. No.	Handle Color	Overall Length	Strips Solid AWG Gauges	Strips Stranded AWG Gauges	Screw Shearing	Weight (lbs.)
11055	blue/yellow	7-1/8" (181 mm)	10 – 18 (4.0 mm ² – .75 mm ²)	12 – 20 (2.5 mm ² – .50 mm ²)	6-32 & 8-32	.34
11057	blue/red	7-1/8" (181 mm)	20 – 30 (.50 mm ² – .14 mm ²)	22 – 32 (.34 mm ² – .05 mm ²)	6-32 & 8-32	.32

Dual NM Cable Strippers/Cutters

KLEIN-KURVE®

Additional Features:

- 10/2, 12/2, and 14/2 stripping slots quickly remove outer jacket of Type NM-B nonmetallic-sheathed cable.
- Stripping holes easily remove insulation on 10, 12, and 14 AWG lead wire.
- Precision staggered blades for square, clean cuts on solid copper wire.
- Narrow nose fits into tight places.
- Precision shear-type blades for square, clean cuts on solid copper wire.



K1412

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type NM-B Cable	Screw Shearing	Weight (lbs.)
K1210	yellow/orange	7-4/5" (198 mm)	10 & 12 AWG solid (4.0 mm ² & 2.5 mm ²)	10/2 & 12/2	6-32 & 8-32	.43
K1412	yellow/white	7-7/10" (196 mm)	12 & 14 AWG solid (2.5 mm ² & 1.5 mm ²)	12/2 & 14/2	6-32 & 8-32	.41

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.



Dual NM Cable Stripper/Cutter

- 12/2 and 14/2 stripping slots quickly remove outer jacket of Type NM-B nonmetallic-sheathed cable.
- Cushion grip handles provide comfort.
- Precision-ground stripping holes easily remove insulation on 12 and 14 AWG lead wires.
- Strong-gripping serrated nose; easy bending, shaping and pulling of wire.
- Narrow nose fits into tight places.
- Precision shear-type blades for square, clean cuts on solid copper wire.
- Holes for quick wire looping and bending.
- 6-32 and 8-32 screw-shearing holes.
- Spring-loaded for self-opening action.
- Handy closure lock for convenient storage.



1412

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type NM-B Cable	Screw Shearing	Weight (lbs.)
1412	yellow	7-7/8" (200 mm)	12 & 14 AWG solid (2.5 mm ² & 1.5 mm ²)	12/2 & 14/2	6-32 & 8-32	.39

Type NM Cable Strippers/Cutters

- Patented stripping slot quickly removes outer jacket of Type NM-B nonmetallic-sheathed cable.
- Handle grips with cushion ridges provide comfort.
- Precision-ground stripping hole easily removes insulation on lead wires.
- Serrated nose easily bends, shapes, or pulls wire.
- Narrow nose fits into tight places.
- Shear-type steel blades for square, clean cuts on solid copper wire.
- Spring-loaded for self-opening action.
- Handy closure lock for convenient storage.
- Holes for looping and bending wire.
- Handle tip identifies size of cable.



1012

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Type NM-B Cable	Weight (lbs.)
1012	yellow/grey with marking 12/2 at tip	6-1/4" (159 mm)	12 AWG solid (2.5 mm ²)	12/2	.26
1014	yellow/white with marking 14/2 at tip	6-1/4" (159 mm)	14 AWG solid (1.5 mm ²)	14/2	.26

NM Cable Ripper

NM Cable Ripper

- An easy-to-use cable ripper.
- Slits the outer jacket of Romex® cable (all sizes) and other nonmetallic (type NM) sheathed cable.
- Measures conductor wire gauge from 6 to 14 AWG.



74018

Cat. No.	Overall Length	Slits	Measures Wire Gauge	Weight (lbs.)
74018	3-1/2" (89 mm)	all sizes of Romex® and NM	6 - 14 AWG (10 mm ² - 1.5 mm ²)	.08

Romex® is a registered trademark of General Cable Corporation.

All dimensions are in inches and (millimeters).

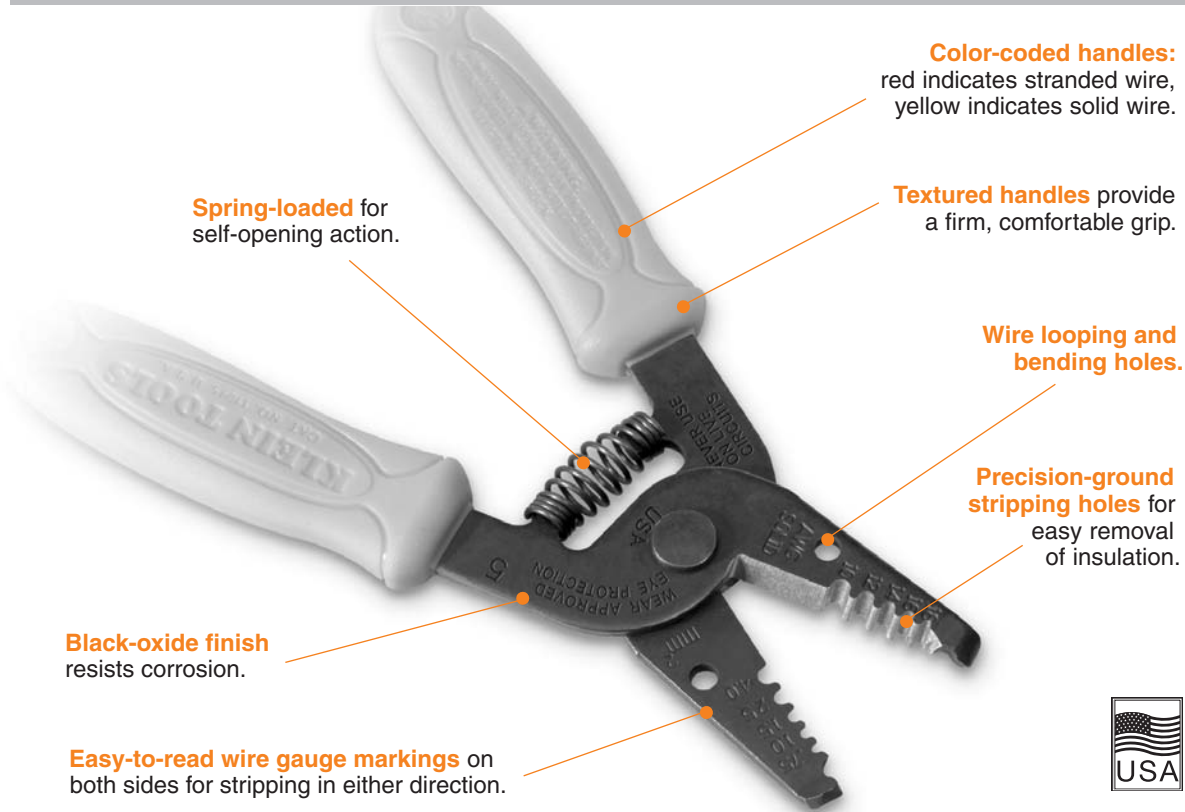
▲WARNING: Always wear approved eye protection.

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



Wire Strippers/Cutters

Features:



Strippers, Cutters & Crimpers

Wire Strippers/Cutters

Additional Features:

- Compact, lightweight wire-stripping and cutting tools.
- Narrow nose fits into tight places.
- Hardened steel with precision ground stripping holes.
- Do not use for cutting steel wire or bolts.



11045

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight (lbs.)
11045	yellow	6-1/4" (159 mm)	10 – 18 AWG solid (4.0 mm ² – .75 mm ²)	.27
11046	red	6-1/4" (159 mm)	16 – 26 AWG stranded (1.0 mm ² – .14 mm ²)	.27
11047	yellow	6-1/4" (159 mm)	22 – 30 AWG solid (.34 mm ² – .50 mm ²)	.27
11049	red	6-1/4" (159 mm)	8 – 18 AWG stranded (6 mm ² – .75 mm ²)	.27

Dual-Wire Stripper/Cutter

Additional Features:

- Strips two wires in a single motion.
- Paired stripping holes for 14 and 12 AWG solid wire.
- One stripping hole for 10 AWG solid wire.
- Shear-type cutting blades for square, clean cuts.
- Narrow nose fits into tight places.
- Hardened steel with precision ground stripping holes.



11048

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight (lbs.)
11048	yellow	6-1/4" (159 mm)	10, 12, 14 AWG solid (4.0 mm ² , 2.5 mm ² , 1.5 mm ²)	.27



SOLID

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

Wire Stripper/Cutter – Solid and Stranded Wire

- Strips six standard wire sizes without nicking wire.
- Scissors action of 1 1/2" (13 mm) wide cutter makes clean cuts with little effort.
- Serrated nose jaws to bend, shape or pull wire; holes for looping wire ends.
- Spring-loaded for self-opening action.
- Comfortable, plastic-covered handles.



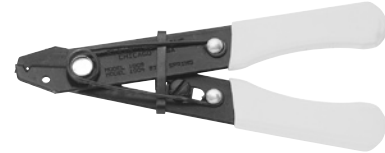
Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
1011	6-1/8" (156 mm)	10 – 20 AWG solid & stranded (4.0 mm ² – .50 mm ²)	blue	.23



1011

Adjustable Wire Strippers/Cutters – Solid and Stranded Wire

- A handy, light, compact tool for stripping insulation.
- Convenient hole for looping or bending wire.
- Black-oxide finish with plastic-dipped handles.
- Cuts, strips, and loops 12-26 solid and stranded wire.
- Adjustable slide stop with set screw for repeat stripping work.



Cat. No.	Hold-Open Spring	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
1004	yes	5" (127 mm)	12 – 26 AWG solid & stranded (2.5 mm ² – 0.14 mm ²)	yellow	.18
1003	no	5" (127 mm)	12 – 26 AWG solid & stranded (2.5 mm ² – 0.14 mm ²)	yellow	.14



1004

Adjustable Wire Stripper – Solid and Stranded Wire

- Simply dial desired wire size for fast, easy stripping.
- Adjustable tool makes short work of cutting and stripping operations.
- Finely honed nose cutter easily gets into tight areas.
- Wire gauge dial sets stripping dies to proper size, helps prevent nicked wire.
- Black-oxide finish with plastic-dipped handles.
- Spring-loaded design – tool opens automatically after each action.



Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
74007	5-1/20" (128 mm)	adjusts from 12 – 24 AWG (2.5 mm ² – .25 mm ²)	yellow	.15



74007

Automatic Wire Stripper – Solid and Stranded Wire

- Strips from No. 10 to 22 AWG, up to a full 1" (24 mm).
- No nicking, cutting or fraying wire.
- Blades also available for 8 to 12 AWG and 16 to 26 AWG.
- Wire is automatically gripped and stripped with the same motion. Release pressure and jaws automatically open to release stripped wire. For clear nylon-jacket conductors, two activations are required.
- Plastic hand grips for comfort.
- Supplied with adjustable wire stop as standard feature, to assure uniform, precise strip length.



Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
11062	6-1/2" (165 mm)	10 – 22 AWG (4.0 mm ² – .34 mm ²)	blue	.76



11062

Replacement Blades (Pair)

11070		8 – 12 AWG (6.0 mm ² – 2.5 mm ²)		.01
11072		10 – 22 AWG (4.0 mm ² – .34 mm ²)		.01
11075		16 – 26 AWG (1.0 mm ² – .14 mm ²)		.01

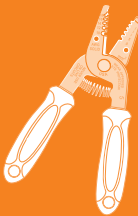
Replacement Adjustment Wire Stop

11080

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

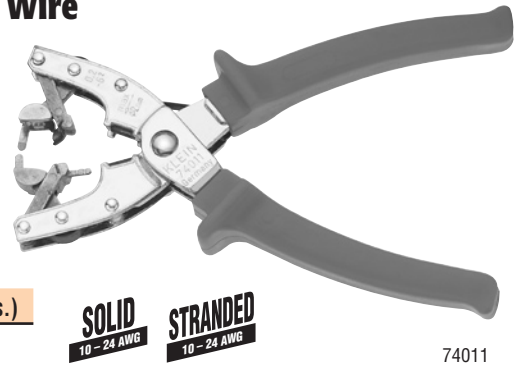
▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Wire Strippers/Cutters

Self-Adjusting Wire Stripper – Solid and Stranded Wire

- Automatically adjusts to the diameter of the wire.
- Cutting blades never touch the conductors, preventing damage to the wire.
- Spring action returns stripper to ready-to-use position.
- Latch holds handles together when not in use.
- Comfortable plastic handles with thumb guard.



Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
74011	7" (178 mm)	10–24 AWG stranded & solid (4.0 mm ² – .25 mm ²)	red	.45

SOLID
10–24 AWG

STRANDED
10–24 AWG

74011

Combination Wire-Stripping and Cutting Tools

Multi-Purpose 6-in-1 Tool

- Cleanly shears bolts.
- Easily cuts and strips wire.
- Measures stud sizes.
- Gauges wire sizes.
- Crimps insulated terminals.
- Plastic-covered cushioned handles for comfort.



1000

Cat. No.	Overall Length	Strips and Cuts	Bolt Sizes	Handle Color	Weight (lbs.)
1000	7-3/4" (197 mm)	10–22 AWG (4.0 mm ² – .34 mm ²)	4-40, 6-32, 8-32, 10-24, 10-32	red	.44

Multi-Purpose Electrician's Tool – 8-22 AWG

- Two wire cutters—one at tip, the other halfway back near stripping holes—double the utility of this tool.
- Crimps 7-8 mm insulated and non-insulated terminals, lugs and splices.
- Cuts and strips 8-22 AWG solid and 10-26 AWG stranded wire.
- Cleanly shears bolts.
- Pivot nut adjusts tension.
- Left- and right-hand wire-looping holes near tip.
- Full-sized, plastic-covered cushioned handles for comfort.
- Wire cutter in nose and below pivot.
- Crimping dies color-coded for easy identification.

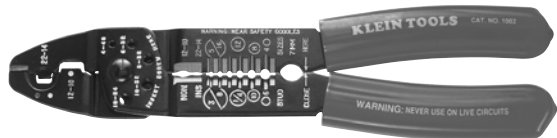


1001

Cat. No.	Overall Length	Strips and Cuts	Bolt Sizes	Handle Color	Weight (lbs.)
1001	8-1/2" (216 mm)	10–26 AWG stranded (4.0 mm ² – .14 mm ²) 8–22 AWG solid (6.0 mm ² – .34 mm ²)	4-40, 6-32, 8-32, 10-24, 10-32	red	.47

Multi-Purpose Tool – 10-22 AWG

- Crimps insulated and non-insulated terminals, lugs and splices.
- Crimps 7 mm ignition and distributor terminals.
- Easily cuts and strips wire.
- Cleanly shears bolts.
- Wire cutter in nose.
- Plastic-covered cushioned handles for comfort.



1002

Cat. No.	Overall Length	Strips and Cuts	Bolt Sizes	Handle Color	Weight (lbs.)
1002	8-1/2" (216 mm)	10–22 AWG (4.0 mm ² – .34 mm ²)	4-40, 6-32, 8-32, 10-24, 10-32	red	.46

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

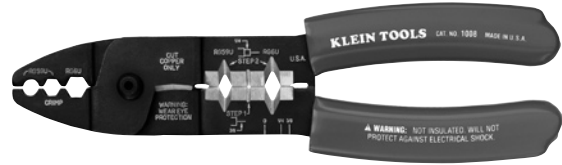
⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Combination Wire-Stripping and Cutting Tools

Coax Multi-Purpose Tool

- Hardened, precision steel cutting blades cleanly and easily cut aluminum or copper RG-6 and RG-59 coaxial cable.
- Diamond-shaped, precision-ground stripping holes easily remove outer jacket of cable.
- Precision-ground stripping hole quickly removes inner dielectric insulation without nicking the center conductor.
- Three precision-crimping dies for standard F-type and ring connectors.
- Air pocket, cushion-grip handles provide a better grip and comfort.
- Black-oxide finish for durability and rust protection.



1008

Cat. No.	Overall Length	Coax Cable	Handle Color	Weight (lbs.)
1008	8-1/2" (216 mm)	RG-59 & RG-6	blue	.50

Long-Nose Multi-Purpose Tool

- Easily cuts and strips wire.
- Narrow, serrated pliers nose to pull, loop, and bend wire.
- Long, curved cutting blade.
- Cutters and strippers are in front of the pivot for maximum ease-of-use in reaching into tight places.
- Crimps insulated and non-insulated terminals and 7 to 8 mm ignition terminals.
- Cleanly shears bolts.
- Plastic-covered cushioned handles for comfort.



1010

Cat. No.	Overall Length	Bolt Sizes	Strips and Cuts	Connectors	Handle Color	Weight (lbs.)
1010	8-1/4" (210 mm)	4-40, 5-40, 6-32, 8-32, 10-32, 10-24	10 - 22 AWG (4.0 mm ² - .34 mm ²)	10 - 22 gauge	blue	.43

Trip-Saver®

- Unique multi-tool addresses the special needs of electricians and maintenance professionals while providing many other features handy on any job.
- Compact, lightweight, and very sturdy.
- Produced from high-carbon, rust-resistant stainless steel.
- Specially designed locking "L" handle snaps securely into the "L" channel, locking the fully opened blade or implement in place during use.
- Features the following:
Needle-Nose Pliers, Beveled Wire Cutter, Toothed Pipe Grippers, Files (coarse and fine), 5-Slot Wire Stripper (10-18) AWG, Wire-Looping Hole, Scraper, Awl/Reamer, Serrated Sheepsfoot Knife, Clip-Point Knife, Standard/Metric Ruler, Drywall Saw, Locking "L" Handle, #1 and #2 Phillips Hex Bits, Small-Slotted Hex Bit, Large-Slotted Hex Bit, 1/4" Socket Adapter, Lanyard Hole, Nylon Pouch.



1016

Cat. No.	Overall Length	Weight (lbs.)
1016	5-3/4" (143 mm)	.95
Replacement pouch with bit holder (no bits)		
1016RP		.45

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

▲WARNING: Close handles to lock blade in place before use.

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.

Strippers, Cutters & Crimpers



Crimping Tools

Crimping/Cutting Tools – Non-Insulated/Insulated Terminals

- Crimping die marked for insulated and non-insulated solderless terminals and connectors.
- Tapered nose design for working in confined spaces.
- Specially hardened wire cutter in nose.
- Hot-riveted joint for smooth action and no handle wobble.



1005

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
1005	red	10 – 22 AWG	9-3/4" (248 mm)	.80
Journeyman Series – Dual-material handles				
J1005	red/black	10 – 22 AWG	9-3/4" (248 mm)	.84

Crimping/Cutting Tool – Non-Insulated Terminals

- Designed for crimping non-insulated solderless terminals and connectors.
- Specially hardened wire cutter in nose.
- Tapered nose for working in confined spaces.
- Plastic-dipped cushioned handles for comfort.



1006

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
1006	black	10 – 22 AWG	9-3/4" (248 mm)	.85

Large Crimp Tool - Compound-Action

- Crimps 6-4/0 AWG lugs and terminals.
- All-in-one, integral crimp nest. No removable parts or rotating dies.
- High-leverage handles and compound-action mechanism for superior mechanical advantage.
- Ultra-comfortable hand grips for easy use.
- Adjustment screw allows user to control crimp depth.



Cat. No.	Crimps	Handle Color	Overall Length	Weight (lbs.)
NEW! 2006	6 – 4/0 AWG lugs and terminals	black	19-1/2" (495 mm)	3.80

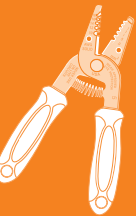
2006

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

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▲WARNING: Always wear approved eye protection.

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



Full-Cycle Ratcheting Crimper – Insulated Terminals

- Crimps insulated terminals in wire sizes 22-16 (front cavity), 16-14 (middle cavity), and 12-10 (rear cavity).
- Color-coded wire size markings.
- Compound lever-action of narrow-span handles puts more crimping power into each squeeze.
- Comfort-grip plastic handles.



T1715

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
T1715	black	10 – 22 AWG	9" (229 mm)	1.05

Compound-Action Ratcheting Crimper – Insulated Terminals

- Compound-action tool crimps 10-22 AWG insulated terminals to meet or exceed MIL-SPEC pull-out tests.
- Built-in ratchet with safety release assures uniform crimps every time.
- Compound lever-action of narrow-span handles puts more crimping power into each squeeze.
- Special locator quickly positions terminal for double crimp.
- Comfort-grip plastic handles.



T1710

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
T1710	black	10 – 22 AWG	9" (229 mm)	1.29

Full-Cycle Coax Ratcheting Crimper

- Crimps hex-configuration (in dimensions across flats) coaxial connectors.
- Dimensions clearly marked for quick identification.
- Front cavity (.262") for RG-59.
- Middle cavity (.324") for RG-5, 6, 21, 143, 212, 222, and 304, also for Belden 8281, 9231 and 9141.
- Rear cavity (.382") for RG-8, 9, 11, 149, and 213.
- Ratchet release allows quick removal of incorrectly placed connector prior to completing crimp.
- Compound lever-action of narrow-span handles puts more crimping power into each squeeze.
- Comfort-grip plastic handles.
- Tool jaws will not open until the crimp is completed. They release and open automatically when crimp is done.



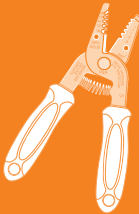
T1720

Cat. No.	Handle Color	Hex Configurations	Overall Length	Weight (lbs.)
T1720	black	front cavity .262" middle cavity .324" rear cavity .382"	9" (229 mm)	1.30

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.



PERFORMANCE

How you perform on a job determines how successful you'll be in this business. Whether it's installing a product or solving a problem for your customer, your performance counts. Klein tools are made to help you perform at your best. Every time you use them, for as long as you use them. Klein tools perform.

*Mark Heike
Technician
20 Years*

KLEIN TOOLS

For Professionals... Since 1857®

Chicago, IL U.S.A.
www.kleintools.com

Professionals Are Known By The Tools They Own™

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Cable & Bolt Cutters

Klein meets and exceeds the highest of standards to create great cable and bolt cutters. Offering greater cutting power, clean and precise cuts, and long life, Klein cable and bolt cutters are a cut above the rest.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Cable & Bolt Cutters



Cable Cutters

Features:

Custom, US-made tool steel.

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

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

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



High-Leverage Cable Cutters

Additional Features:

- High leverage design for exceptional cutting capability.
- Precision, one-hand shearing action.
- Cable-gripping shear-type jaws.
- Perfect for working in confined spaces.
- Can be carried in most tool pouches.



63050

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

Cat. No.	Overall Length	Handle Color	Maximum Cable Cutting Capacity	Weight (lbs.)
63050	9-1/2" (241 mm)	red	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications wire	.90
Journeyman Series – Dual-material handles				
J63050	9-3/4" (248 mm)	red and black	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications wire	.98

Multi-Cable Cutter KLEIN-KURVE®

- Hardened steel precision-ground cutting blades for long life.
- Copper curved cutter cleanly cuts round copper cable without compression or frayed ends.
- Anvil cutter for solid and stranded copper wire up to 12 AWG and stainless steel up to .032" (.81 mm) diameter.
- Mild steel cutter for conductors up to .080" (2 mm) diameter.
- Curved cutter for solid and stranded copper wire up to 8 AWG, multi-conductor cable up to 1/2" (13 mm) diameter and coaxial cable RG-6 Quad, RG-59, and RG-62.
- Double-dipped grips for comfort.
- Coil spring provides fast self-opening action.
- Holes for looping and bending wire.
- Handy closure lock for convenient storage.



63020



Cat. No.	Overall Length	Screw Shearing	Handle Color	Weight (lbs.)
63020	7" (177 mm)	6-32 & 8-32	red	.44

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 – Coaxial

- Cable-gripping jaws quickly score jacket and insulation, and easily cut through copper inner conductor.
- Blades cleanly cut aluminum and copper coaxial cable without compression and frayed ends.
- Forged body with heat-treated and precision-ground steel blades, withstands frequent cutting.
- Hot-riveted design requires no adjustment while maintaining a smooth, precise operation.
- Compact, lightweight design fits perfectly in any professional's tool pouch.
- Handles are plastic-coated for maximum comfort and gripping power.
- When cutting drop wire with an inner steel conductor, we recommend Cat. No. D2000-28 diagonal-cutting pliers.



63028



63030

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

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Handle Color	Weight (lbs.)
63028	8-1/4" (216 mm)	.75" (19 mm) diameter	yellow	.80
63030	8-1/4" (216 mm)	1" (25 mm) diameter	blue	.83

Compact Cable Cutter

- Precise, one-hand shearing action cuts 24 AWG copper, aluminum multi-strand cable and wire, and 100-pair telephone cable.
- Special shear angle cuts cleanly without compression to cable geometry for telecom cable work.
- Heat-treated, high-carbon steel shearing edges for long life.
- Forged body with 3/8" (10 mm) case-hardened rivet.
- Plastic-dipped handles for comfort.
- Not designed for cutting steel or ACSR.



63055

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

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Weight (lbs.)
63055	8" (203 mm)	24 AWG copper, aluminum multi-strand cable and wire, and 100-pair telephone cable	red	.65

All-Purpose Shears and BX Cutter

- High-leverage; shear-type design for one-hand operation.
- Lightweight and compact.
- Stripping notch for added convenience.
- Cuts a variety of materials including cable, sheet metal, steel strapping, and bundling wire.
- Handle cavity is designed to restore BX cable to original shape after cutting.
- Plastic-dipped handles for comfort.



1104

Cat. No.	Overall Length	Length of Cut	Handle Color	Weight (lbs.)
1104	7-5/8" (194 mm)	7/8" (22 mm)	red	.60

Heavy-Duty Cable Shears

- Heavy-duty, tempered steel blades.
- Blades grip cable and cut easily at center of jaws.
- Lock keeps handles closed for easy storage.
- Comfortable, plastic-coated handles for steady grip.
- Hardened steel, precision cutting blades for long service life.
- Unique triangular jaws cleanly cut cable without compression or frayed ends.
- Lightweight tool perfect for overhead cutting.



63016

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Weight (lbs.)
63016	7-1/2" (191 mm)	up to 1/4" copper and mild steel strands, up to 3/16" aircraft cable, wire rope, aluminum and copper rods, up to 5/32" for steel & iron rods	blue	.65

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

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.
- Beveled tips assure positive mating, and hinge on a rugged bolt with a pin-set nut to maintain proper blade tension.
- Makes a clean, even cut for ease in fitting lugs and terminals.
- 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
Replacement Cable Cutter Heads (complete)			Fits Klein Cat. No.	
63081			63041	2.05
63090			63045	3.30

Communications Cable Cutter

- Same shear-type design and features as Klein Standard Cable Cutters, but will cut lead or rubber-covered communications cable.
- Not designed for cutting steel or ACSR.



63047

Cat. No.	Overall Length	Communications Cable-Cutting Maximum Capacity	Soft Cable-Cutting Maximum Capacity	Weight (lbs.)
63047	37" (940 mm)	900-pair soft copper and aluminum	up to 2-1/4" (57 mm) diameter	8.55
Replacement Cable Cutter Heads (complete)			Fits Klein Cat. No.	
63110			63047	3.50

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.



Ratcheting Cable Cutter

- Cleanly cuts copper up to 400 MCM, as well as aluminum and multi-conductor cables up to 600 MCM.
- Unique ratchet action holds cable tight and allows rapid, straight cuts with minimum effort.
- Hold-open spring speeds cutting action.
- Quick-release lever opens blade at anytime during operation.
- Large, finger-formed handles have limit guards and plastic covering for comfort.
- Compact, lightweight tool can be locked in closed position for pouch carrying.
- Not designed for cutting steel or ACSR.



63060

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

Cat. No.	Overall Length	MCM Cable-Cutting Maximum Capacity	Handle Color	Weight (lbs.)
63060	10" (255 mm)	400 copper, 600 aluminum and multi-conductor	red	1.70

Ratcheting Cutter – Heavy-Duty

- 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

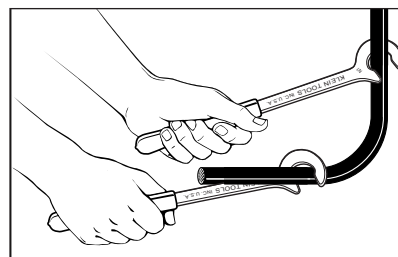
Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Communications Cable-Cutting Maximum Capacity	Weight (lbs.)
63700	36" (914 mm)	2-1/4" (57 mm) diameter	1-1/4" (32 mm) dia. ACSR, ACAR 7/16" (11 mm) dia. common guy strand 5/8" (16 mm) dia. steel wire rope 1/2" (13 mm) dia. steel rod (C.R.S.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

Cable Benders

- Forged, one-piece steel construction for exceptional durability and high strength to meet the most demanding job requirements.
- Head is angled 22° for ease in bending cable in tight, hard-to-access places.
- Corrosion-resistant, black-oxide finish with heavy-duty orange double-dipped plastic handle.
- Handle is contoured for a firm, comfortable grip.
- It is recommended that two benders be used for easier bends.



50400



Cat. No.	Overall Length	Tool Opening	Maximum Cable Capacity	Weight (lbs.)
50400	12" (305 mm)	7/8" (22 mm)	350 MCM	.90
50402	14-1/2" (367 mm)	1-1/64" (26 mm)	500 MCM	1.55

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 Tools

Cable Preparation Tools

- Cuts, slits, and removes insulation from a variety of cables.
- Ideal for use in confined spaces.
- Adjusts to perfect circumferential cuts for the cable size.
- Integral steel slitter slits insulation between cuts without nicking the cable.
- Built-in grippers make removing the separated insulation easy.
- No open-bladed knife or other cutter needed.*



74501



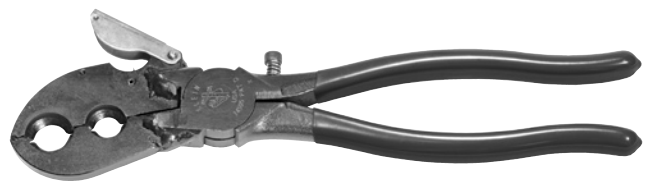
74503



74504

Cat. No.	Handle Color	Cuts	Overall Length	Weight (lbs.)
74501	dark blue	4 to 4/0 ACSR or copper	9-1/4" (235 mm)	1.20
74502	dark blue	3/0 to 350 MCM ACSR or copper	10-37/64" (269 mm)	1.25
74503	dark blue	500 MCM to 750 MCM ACSR or copper	10-37/64" (269 mm)	1.25
74504	dark blue	1/0 to 2/0 (primary or secondary cable)	9-13/32" (239 mm)	1.05

*74504 requires parallel slitting with a knife.



74505

Two Slitting Holes

Cat. No.	Handle Color	Cuts	Strips	Overall Length	Weight (lbs.)
74505	dark blue	3/0 to 350 MCM ACSR or copper	1/0 and 2/0, 3/0 and 4/0	10-37/64" (269 mm)	1.25

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



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

Steel Handles						
Cat. No.	Handle Type	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**	Handle Color	Weight (lbs.)
63314	steel	14" (356 mm)	5/16" (8 mm)	3/16" (5 mm)	red	3.15
63318	steel	18" (457 mm)	3/8" (10 mm)	1/4" (6 mm)	red	3.55
63324	steel	24" (610 mm)	7/16" (11 mm)	5/16" (8 mm)	red	6.30
63330	steel	30" (762 mm)	1/2" (13 mm)	3/8" (10 mm)	red	10.20
63336	steel	36" (914 mm)	9/16" (14 mm)	7/16" (11 mm)	red	14.25
63342	steel	42" (1067 mm)	11/16" (18 mm)	1/2" (13 mm)	red	19.20

* Up to Brinell 300, Rockwell C31.

** Up to Brinell 400, Rockwell C42.

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 Bolt Cutter Heads (complete)		
Cat. No.	Fits Cat. No.	Weight (lbs.)
63214	63314	1.00
63218	63118, 63318	1.25
63224	63124, 63324	2.10
63230	63130, 63330	3.40
63236	63136, 63336	4.65
63242	63342	5.95

Replacement Fiberglass Handle Sets		
Cat. No.	Fits Cat. No.	Weight (lbs.)
63119	63118	2.15
63125	63124	3.76
63131	63130	5.56
63137	63136	7.55

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



Bolt Cutters

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. Will NOT protect against electrical shock.



Insulated Tools

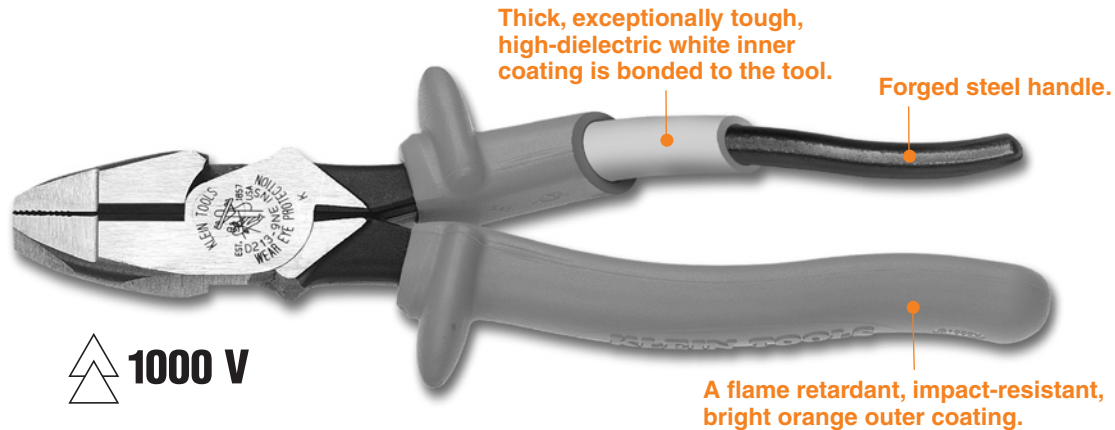
Klein insulated tools maintain the highest level of quality Klein is known for, and they offer added protection against shock from energized sources with voltage up to 1000 volts. Insulated tools from Klein offer superior functionality while reducing the risk of injury.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Insulated Tools



Introduction – Insulated Tools



 **1000 V**

The line of insulated tools incorporates all the Klein quality design and construction features that professionals have relied on. The 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.

All catalog numbers for Klein insulated tools have the suffix “INS” 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.**

- All Klein insulated tools comply with the IEC 60900 and ASTM F 1505 standards for insulated tools, and are clearly marked with the 1000-volt rating symbol.
- The large, bright orange handles make the tool comfortable to use all day and easy to identify in the field.
- The insulation on each tool consists of two layers. The high-dielectric white inner layer is a thick, exceptionally tough base coating which is bonded to the tool. The outer layer is a flame-resistant, bright orange color.

Insulated Pliers

Features:

Custom, US-made tool steel.

 **1000 V**

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

Two layers of insulation provide protection against electric shock.

Integral guards help prevent hand contact with conductive parts.



⚠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: 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: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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: 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:

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



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NE-INS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.25

2000 Series* – Heavy-duty cutting knives

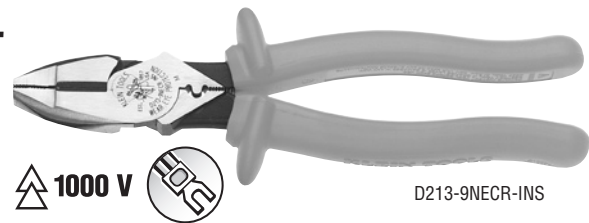
D2000-9NE-INS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.25
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*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

Insulated High-Leverage Side-Cutting Pliers – Connector Crimping

Additional Features:

- Individually tested to exceed standards.
- Crimping die behind hinge for superior leverage.



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NECR-INS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.24

Insulated Universal Side-Cutting Pliers – Connector Crimping

Additional Features:

- Individually tested to exceed standards.
- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals.
- Toothed pipe grip for greater power.



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
12098-INS	Universal	8-7/8" (225 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	1/2" (13 mm)	3/4" (19 mm)	insulated	orange	.89

Insulated High-Leverage Diagonal-Cutting Pliers

Additional Features:

- Individually tested to exceed standards.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D228-8-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74

2000 Series* – Heavy-duty cutting knives

D2000-28-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74
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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: 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: 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: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



Insulated Pliers

Insulated High-Leverage Diagonal-Cutting Pliers – Angled Head

Additional Features:

- Individually tested to exceed standards.
- Angled head for easier work in confined spaces.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D248-8-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74

2000 Series* – Heavy-duty cutting knives

D2000-48-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74
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*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:

- Individually tested to exceed standards.
- Heavy-duty tapered nose design.
- One-inch deep jaws easily reach into confined spaces.

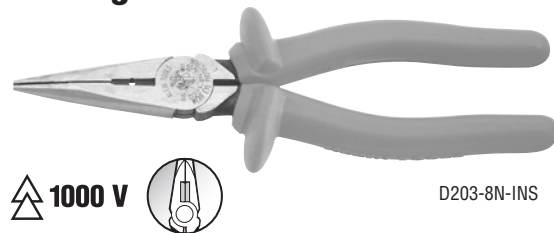


Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D220-7-INS	7-7/8" (200 mm)	1" (25 mm)	31/32" (25 mm)	1/2" (13 mm)	standard	insulated	orange	.66

Insulated Heavy-Duty Long-Nose Pliers – Side-Cutting

Additional Features:

- Individually tested to exceed standards.
- Induction hardened cutting knives for long life.
- Heavier design for easier, more comfortable cutting.
- Extended handles provide added reach and leverage.
- Cat. No. D203-8N-INS has skinning hole for No. 12 AWG wire.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-8-INS	8-7/8" (225 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	insulated	orange	.73
D203-8N-INS	8-7/8" (225 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	insulated	orange	.73

All dimensions are in inches and (millimeters).

⚠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: 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: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

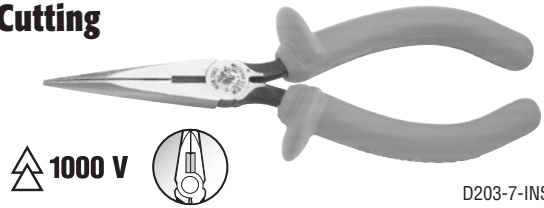


Insulated Pliers

Insulated Standard Long-Nose Pliers – Side-Cutting

Additional Features:

- Individually tested to exceed standards.
- Induction hardened cutting knives for long life.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-6-INS	6-7/8" (175 mm)	1-15/16" (49 mm)	11/16" (17 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	insulated	orange	.35
D203-7-INS	7-3/8" (187 mm)	2-7/16" (62 mm)	11/16" (17 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	insulated	orange	.37

Insulated Pump Pliers

Additional Features:

- Individually tested to exceed standards.
- Secure tongue and groove design for non-slip grip – even with heavy pressure.



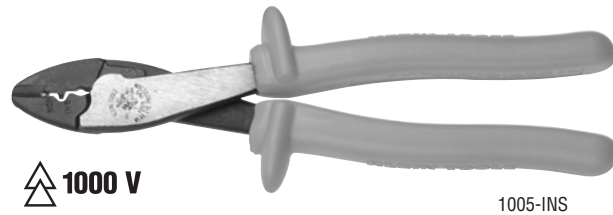
Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
D502-10-INS	10-1/4" (260 mm)	1-3/4" (44 mm)	insulated	orange	1.09

Insulated Crimping/Cutting Tool

Insulated Crimping/Cutting Tool

Additional Features:

- Individually tested to exceed standards.
- Insulated crimping tool with tapered nose designed 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.



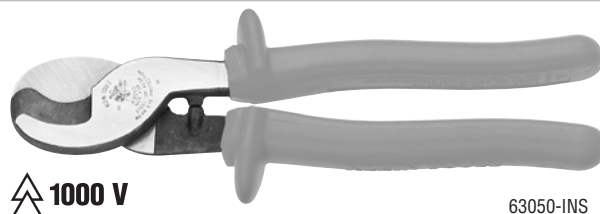
Cat. No.	Overall Length	Crimps	Handle Color	Weight (lbs.)
1005-INS	9-3/4" (248 mm)	10 to 22 AWG	orange	1.05

Insulated Cable Cutter

Insulated High-Leverage Cable Cutter

Additional Features:

- Individually tested to exceed standards.
- Special, high-leverage design for exceptional cutting capability.
- Cable-gripping shear-type jaws.
- Precision, one-hand shearing action.
- Perfect for working in confined spaces.



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

Cat. No.	Overall Length	Cuts Up to	Handle Color	Weight (lbs.)
63050-INS	9-5/8" (245 mm)	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications wire	orange	1.04

All dimensions are in inches and (millimeters).

▲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: 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: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



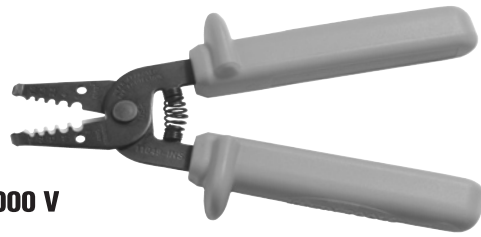
Insulated Stripper/Cutter

Insulated Wire Stripper/Cutter

Additional Features:

- Individually dielectrically tested.
- Gauges, cuts, strips, and loops wire.
- Spring-loaded for self-opening.
- Compact, lightweight wire-stripping, 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.

 1000 V



11049-INS

Cat.No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
11045-INS	7" (178 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)	orange	.70
NEW! 11049-INS	7" (178 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)	orange	.70

Insulated Screwdrivers and Nut Drivers

Features:

 1000 V

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

Custom, US-made tool steel.



Patented Tip-Ident® quickly identifies nut driver size.



Two layers of insulation provide protection against electric shock.

All dimensions are in inches and (millimeters).

▲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 use screwdrivers to pry or chisel.

▲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 and Nut Drivers

Insulated Keystone-Tip – Heavy-Duty Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Tips are precision ground to fit screw openings securely and resist slippage.
- Cushion-Grip handles for greater torque and comfort.

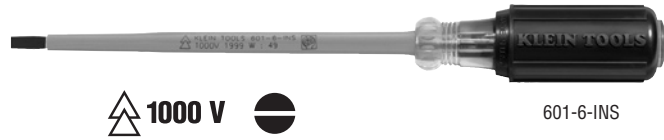


Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
602-4-INS	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.30
602-6-INS	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.40
602-10-INS	3/8" (10 mm)	10" (254 mm)	15-7/16" (392 mm)	.66

Insulated Cabinet-Tip – Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Cushion-Grip handles for greater torque and comfort.
- Perfect for electrical, telephone and work in recessed holes and other tight spaces.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
601-4-INS	3/16" (5 mm)	4" (102 mm)	7-3/4" (197 mm)	.17
601-6-INS	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.19
601-8-INS	3/16" (5 mm)	8" (203 mm)	11-3/4" (298 mm)	.21

Insulated Phillips-Tip – Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Cushion-Grip handles for greater torque and comfort.
- Tips are Profilated® to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.



Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
603-3-INS	No. 1	3" (76 mm)	6-3/4" (171 mm)	.16
603-4-INS	No. 2	4" (102 mm)	8-5/16" (211 mm)	.30
603-6-INS	No. 3	6" (152 mm)	11" (279 mm)	.40

Insulated, Square-Recess-Tip Screwdriver – Round-Shank

Additional Features:

- Individually tested to exceed standards.
- Round shank with square-recess tip.
- Cushion-Grip handle for greater torque and comfort.



Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
666-INS	No. 2	8" (203 mm)	12-5/16" (313 mm)	.35

All dimensions are in inches and (millimeters).

▲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 use to pry or chisel.

▲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 Nut Drivers

Insulated Cushion-Grip, Hollow-Shaft Nut Drivers

Additional Features:

- Individually tested to exceed standards.
- Cushion-Grip handles for greater torque and comfort.
- Handle caps are color-coded for easy size identification.
- Strong hex-head drives nuts and socket screws.
- Insulated, full hollow-shaft shank permits turning nuts on long screws.



630-5/8-INS

Cat. No.	Color Code	Hex Size	Shank Length	Overall Length	Weight (lbs.)
630-3/16-INS	black	3/16"	3" (76 mm)	6-3/4" (171 mm)	.17
630-1/4-INS	red	1/4"	3" (76 mm)	6-3/4" (171 mm)	.18
630-5/16-INS	yellow	5/16"	3" (76 mm)	6-3/4" (171 mm)	.18
630-11/32-INS	green	11/32"	3" (76 mm)	6-3/4" (171 mm)	.19
630-3/8-INS	blue	3/8"	3" (76 mm)	6-3/4" (171 mm)	.20
630-7/16-INS	brown	7/16"	3" (76 mm)	7-5/16" (186 mm)	.26
630-1/2-INS	red	1/2"	3" (76 mm)	7-5/16" (186 mm)	.28
630-9/16-INS	orange	9/16"	4" (102 mm)	9-3/8" (238 mm)	.40
630-5/8-INS	yellow	5/8"	4" (102 mm)	9-3/8" (238 mm)	.43

Insulated Skinning Knife

Insulated Cable/Lineman's Skinning Knife

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Extra-strong construction for line work.
- Tough, tempered-steel blade provides maximum sharpness and durability to withstand frequent cable scoring.
- Rugged insulated handle provides a firm, comfortable grip and has large finger guard.



1570-3LR-INS

Cat. No.	Blade Length	Handle Color	Nominal Overall Length	Weight (lbs.)
1570-3LR-INS	2-1/4" (57 mm)	orange	7-3/4" (197 mm)	.40

Insulated Screwdriver Sets

2-Piece 4" Insulated Screwdriver Set

- Thick, exceptionally tough high-dielectric white inner coating is bonded to the steel.
- Bright orange outer coating is flame and impact resistant.
- Patented Tip-Ident® quickly identifies screwdriver type and tip orientation.
- Individually tested to exceed standards.



33532-INS

⚠WARNING: Do NOT use to pry or chisel.

Cat. No.	Set Contains	Weight (lbs.)
NEW! 33532-INS		.60

Cat. No.	Description	Shank Tip Width	Shank Length	Overall Length
602-4-INS	round-shank, keystone-tip	1/4" (6 mm)	4" (102 mm)	8-5/16" (211 mm)
603-4-INS	round-shank, Profiliated® Phillips-Tip	No. 2	4" (102 mm)	8-5/16" (211 mm)

All dimensions are in inches and (millimeters).

⚠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: 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: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



Utility Insulated-Tool Kit

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- An assortment of 13 professional, insulated tools. (See individual tool listings for more details.)
- The custom case includes 2 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.
- Case's inside dimensions are:
17-3/4" W x 14-1/4" D x 8" H
(451 mm x 362 mm x 203 mm).
- Overall case dimensions are:
18-7/8" W x 15-3/8" D x 8-1/4" H
(479 mm x 391 mm x 210 mm).
- Replaceable case available Cat. No. 33535.



1000 V

33525

Cat. No.	Kit Contains	Weight (lbs.)
33525		20.05
Cat. No.	Description	
D2000-9NE-INS	insulated side-cutting pliers	
D2000-28-INS	insulated diagonal-cutting pliers	
D2000-48-INS	insulated diagonal-cutting pliers – angled head	
D203-8-INS	insulated heavy-duty long-nose pliers – side-cutting	
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")	
602-6-INS	insulated keystone – heavy-duty round-shank screwdriver (5/16" x 6")	
602-10-INS	insulated keystone – heavy-duty round-shank screwdriver (3/8" x 10")	
603-3-INS	insulated Phillips – round-shank screwdriver (No. 1)	
603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)	
603-6-INS	insulated Phillips – round-shank screwdriver (No. 3)	
63050-INS	insulated high-leverage cable cutter	
D502-10-INS	insulated pump pliers	
1570-3LR-INS	insulated cable/lineman's skinning knife	
33535	extra-sturdy, bright-yellow case	

All dimensions are in inches and (millimeters).

▲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: 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: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



Insulated Tool Kits

General-Purpose Insulated-Tool Kit

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- A comprehensive assortment of 22 insulated tools. (See individual tool listings for more details.)
- The custom case includes 3 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.
- Case's inside dimensions are:
17-3/4" W x 14-1/4" D x 8" H
(451 mm x 362 mm x 203 mm).
- Overall case dimensions are:
18-7/8" W x 15-3/8" D x 8-1/4" H
(479 mm x 391 mm x 210 mm).
- Replaceable case available Cat. No. 33537.



33527

Cat. No.	Kit Contains	Weight (lbs.)	
33527		24.30	
Cat. No.	Description	Cat. No.	Description
D2000-9NE-INS	insulated side-cutting pliers	602-6-INS	insulated keystone – heavy-duty round-shank screwdriver (5/16" x 6")
12098-INS	insulated side-cutting pliers	602-10-INS	insulated keystone – heavy-duty round-shank screwdriver (3/8" x 10")
D2000-28-INS	insulated diagonal-cutting pliers	603-3-INS	insulated Phillips – round-shank screwdriver (No. 1)
D2000-48-INS	insulated diagonal-cutting pliers – angled head	603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)
D203-8N-INS	insulated heavy-duty long-nose pliers – side-cutting	603-6-INS	insulated Phillips – round-shank screwdriver (No. 3)
D220-7-INS	insulated diagonal-cutting pliers – tapered nose	D502-10-INS	insulated pump pliers
D203-6-INS	insulated long-nose pliers – side-cutting	11045-INS	insulated wire stripper/cutter
D203-7-INS	insulated long-nose pliers – side-cutting	63050-INS	insulated high-leverage cable cutter
601-4-INS	insulated cabinet – round-shank screwdriver (3/16" x 4")	1570-3LR-INS	insulated cable/lineman's skinning knife
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")	1005-INS	insulated crimping/cutting tool
601-8-INS	insulated cabinet – round-shank screwdriver (3/16" x 8")	33537	extra-sturdy, bright-yellow case
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")		

All dimensions are in inches and (millimeters).

▲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: 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: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



Basic Insulated-Tool Kit

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Compact assortment of eight popular insulated tools. (See individual tool listings for more details.)
- Highly durable, black, nylon case features:
 - Coil-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).
- Replaceable case available Cat. No. 33536.



1000 V

33526

Cat. No.	Kit Contains	Weight (lbs.)
33526		6.90
Cat. No.	Description	
D213-9NE-INS	insulated side-cutting pliers	
D228-8-INS	insulated diagonal-cutting pliers	
D203-8N-INS	insulated heavy-duty long-nose pliers – side-cutting	
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")	
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")	
603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)	
63050-INS	insulated high-leverage cable cutter	
11045-INS	insulated wire stripper/cutter	
33536	heavy-duty polyester case	

All dimensions are in inches and (millimeters).

▲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: 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: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact 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: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



Insulated Tool Kits

Cushion-Grip Insulated-Screwdriver Kit

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Nine-piece insulated screwdriver assortment with three sizes of each tip style: cabinet, keystone, and Phillips. (See individual tool listings for more details.)
- Highly durable, black, nylon case features:
 - Coil-zipper closure.
 - Polypropylene handles.
 - Custom-fitted tool pockets.
 - Extra pocket is provided for storage of papers or other items.
 - Overall case dimensions are: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm).
- Replaceable case available Cat. No. 33538.



33528

Cat. No.	Kit Contains	Weight (lbs.)
33528		5.40
Cat. No.	Description	
601-4-INS	insulated cabinet – round-shank screwdriver (3/16" x 4")	
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")	
601-8-INS	insulated cabinet – round-shank screwdriver (3/16" x 8")	
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")	
602-6-INS	insulated keystone – heavy-duty round-shank screwdriver (5/16" x 6")	
602-10-INS	insulated keystone – heavy-duty round-shank screwdriver (3/8" x 10")	
603-3-INS	insulated Phillips – round-shank screwdriver (No. 1)	
603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)	
603-6-INS	insulated Phillips – round-shank screwdriver (No. 3)	
33538	heavy-duty polyester case	

All dimensions are in inches and (millimeters).

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

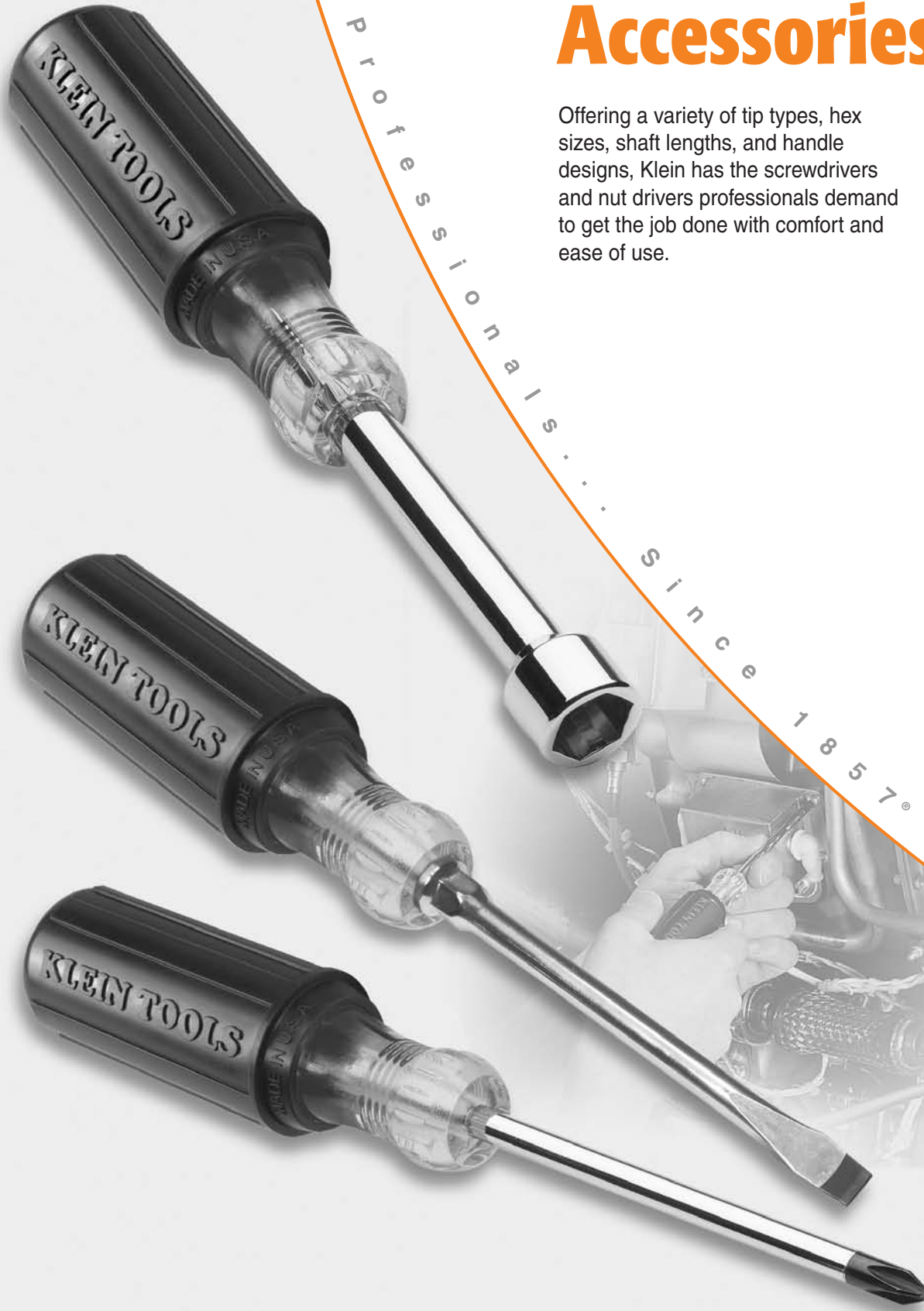
⚠WARNING: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



Screwdrivers, Nut Drivers & Accessories

Offering a variety of tip types, hex sizes, shaft lengths, and handle designs, Klein has the screwdrivers and nut drivers professionals demand to get the job done with comfort and ease of use.

FOR Professionals... Since 1857®



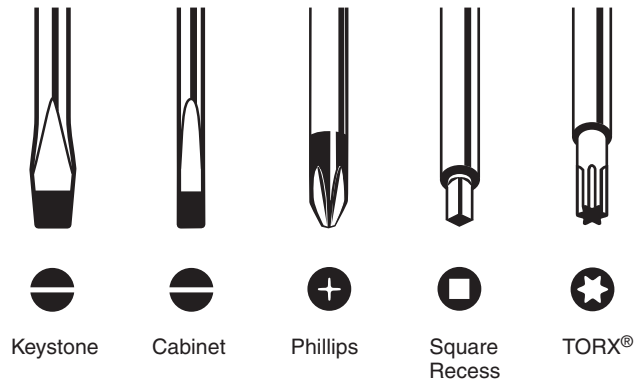
Screwdrivers, Nut Drivers & Accessories

Introduction – Screwdrivers, Nut Drivers & Accessories

Klein screwdrivers give professionals extra-quality features that have made the Klein name famous for hand tools—features that assure greater convenience, comfort and efficiency in use, plus exceptional strength and durability.

All Klein drivers are made of the highest quality tempered steel, carefully heat-treated for maximum strength. Shafts have integral flanges that provide an extra-strong, torque-proof anchor in the handle. Strong, durable black tips are forged and precision ground with square edges to fit screw openings securely. They resist slippage and provide positive turning action.

Cushion-Grip screwdrivers feature super-comfortable, sure-grip handles on top-quality blades for the professional. All Klein screwdrivers meet or exceed applicable ANSI and MIL specifications.



Using screwdrivers

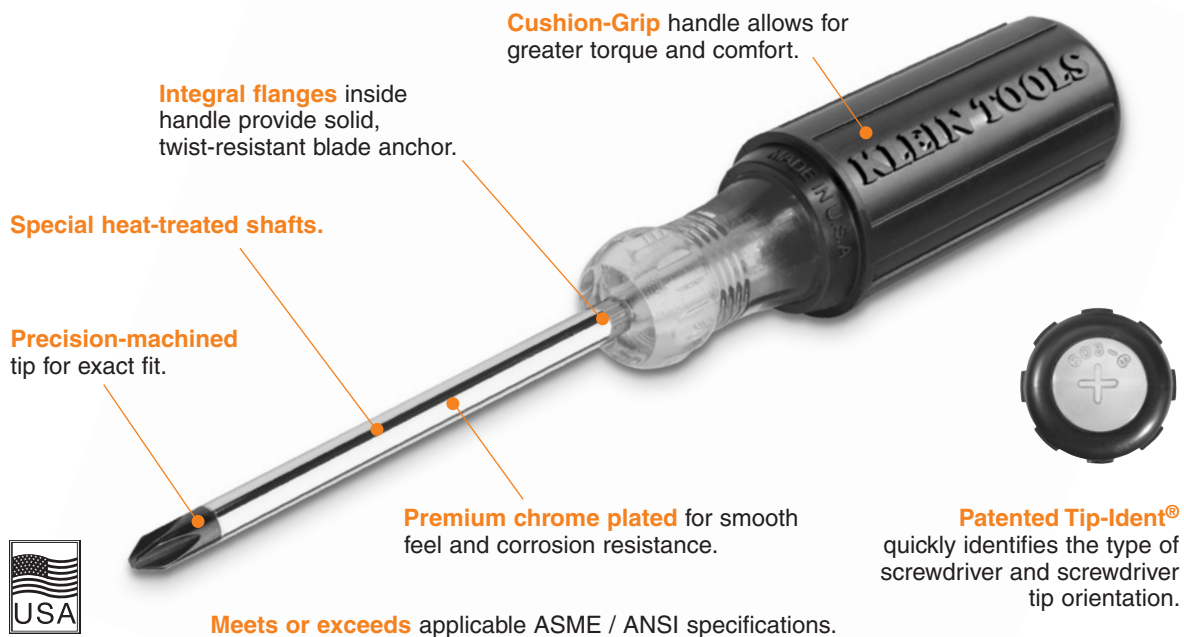
The size of the screw and the type of opening it has determines which driver to use. But there are a few tips on how to use a driver that can be of benefit, because screwdrivers are the most often misused and abused hand tools of all.

- 1. Never use a driver to do another tool's job.** Using a driver as a pry bar, scraper, or a chisel can ruin the tool, spoil the work, and cause injury.
- 2. Never push a driver beyond its capacity.** Make a pilot hole for the screw for easier driving. Use square-shank drivers for heavy work.
- 3. Never expose a driver to excessive heat.** Direct flame can draw the temper from the metal, weakening and possibly warping it, making it unsafe and inefficient to use.

- 4. Never use a driver at an angle to the screw.** Always keep the shank perpendicular to the screw head. Driving at an angle or using a point that is too small can spoil the screw or slip and damage the work.
- 5. Never depend on a driver's handle or covered blade to insulate you from electricity.** Plastic and Cushion-Grip handles are intended only to provide a firm, comfortable grip. Insulated blades are intended only as a protective measure against shorting out components. Only use insulated tools that are marked with the official international 1000-volt rating symbol if there is any chance that the tool will make contact with an energized source.
- 6. Discard damaged or worn drivers.**

Cushion-Grip Screwdriver Sets

Features:



All dimensions are in inches and (millimeters).

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

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use to pry or chisel.

Cushion-Grip Screwdriver Sets

5-Piece Cushion-Grip Screwdriver Set

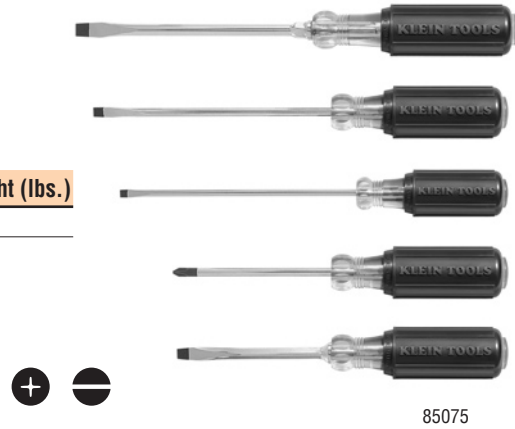
Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes two cabinet-tip, one Phillips-tip, two keystone-tip screwdrivers, and plastic POP packaging.

Cat. No.	Set Contains	Weight (lbs.)
85075		1.30

Cat. No.	Description	Blade Length	Overall Length
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)
602-6	round-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
605-6	round-shank, cabinet-tip*	6" (152 mm)	10-11/32" (263 mm)

* Heavy-duty models



85075

7-Piece Cushion-Grip Screwdriver Set

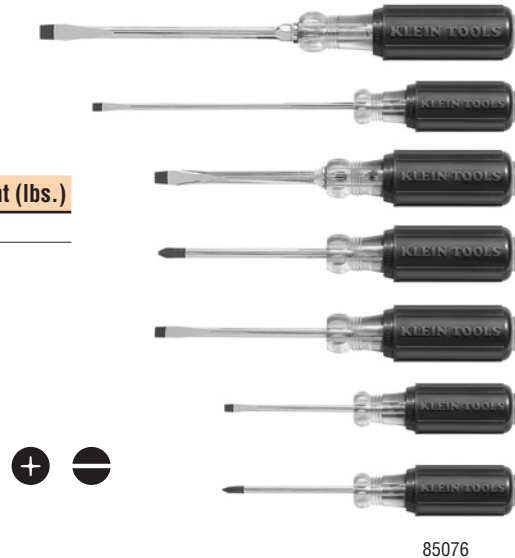
Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes: three cabinet-tip, two Phillips-tip, two keystone-tip styles, and plastic POP packaging.

Cat. No.	Set Contains	Weight (lbs.)
85076		1.50

Cat. No.	Description	Blade Length	Overall Length
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
602-6	round-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)
601-3	round-shank, cabinet-tip	3" (76 mm)	6-3/4" (171 mm)
601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)
605-4	round-shank, cabinet-tip*	4" (102 mm)	8-11/32" (212 mm)
603-3	round-shank, No. 1 Phillips-tip	3" (76 mm)	6-3/4" (171 mm)
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)

* Heavy-duty models



85076

7-Piece Multiple-Application Screwdriver Set

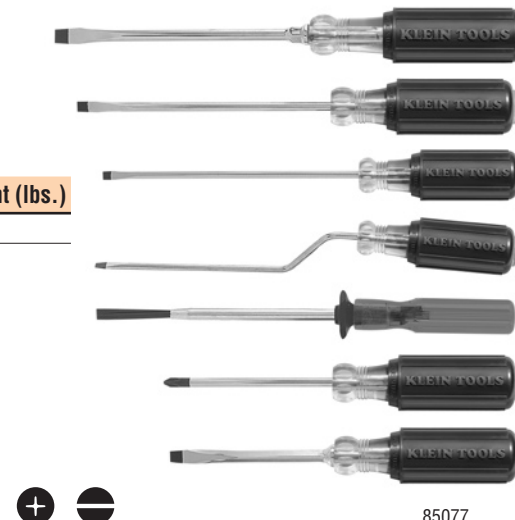
Additional Features:

- Specialty set for a wide variety of applications.
- Includes: two cabinet-tip, one Phillips-tip, two keystone-tip, one rotary, one screw-holding screwdriver, and plastic POP packaging.

Cat.No.	Set Contains	Weight (lbs.)
85077		1.65

Cat. No.	Description	Blade Length	Overall Length
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)
602-6	round-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
605-6	round-shank, cabinet-tip*	6" (152 mm)	10-11/32" (263 mm)
670-6	cabinet-tip rotary screwdriver	6" (152 mm)	9-3/4" (248 mm)
K36	slotted screw-holding screwdriver	6" (152 mm)	9-3/4" (248 mm)

* Heavy-duty model



85077

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.

Screwdrivers, Nut Drivers & Accessories



Cushion-Grip Screwdriver Sets

7-Piece Multiple-Application Screwdriver & Nut Driver Set

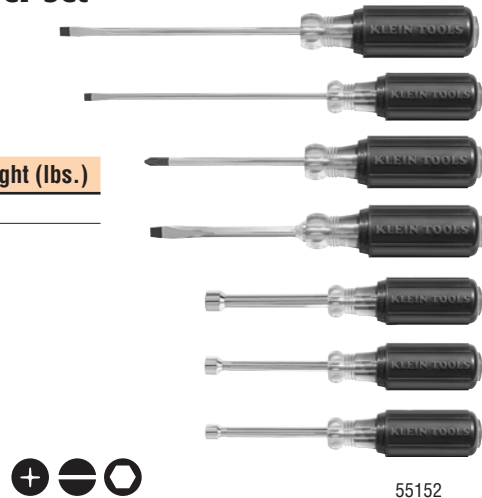
Additional Features:

- Specialty set for a wide variety of applications.
- Includes: one keystone-tip, two cabinet-tip, one Phillips-tip, three nut drivers, and plastic POP packaging.

Cat. No.	Set Contains	Weight (lbs.)
55152		2.00

Cat. No.	Description	Shank Length	Overall Length
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
605-6	round-shank, cabinet-tip*	6" (152 mm)	10-11/32" (263 mm)
630-1/4	1/4" hex nut driver	3" (76 mm)	6-3/4" (171 mm)
630-5/16	5/16" hex nut driver	3" (76 mm)	6-3/4" (171 mm)
630-3/8	3/8" hex nut driver	3" (76 mm)	6-3/4" (171 mm)

* Heavy-duty models



55152

8-Piece Cushion-Grip Screwdriver Set

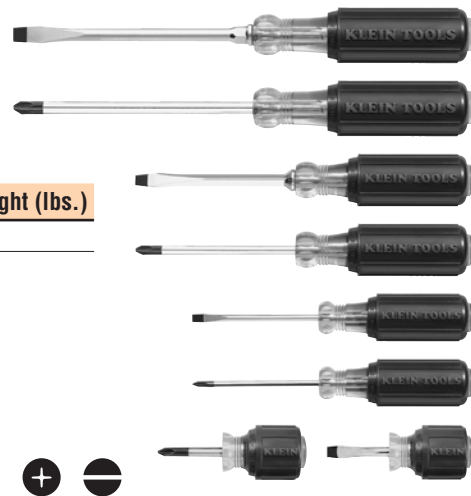
Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes: one cabinet-tip, three keystone-tip, four Phillips-tip styles, and plastic POP packaging.

Cat. No.	Set Contains	Weight (lbs.)
NEW! 85078		1.65

Cat. No.	Description	Shank Length	Overall Length
600-1	round-shank, keystone-tip	1-1/2" (38 mm)	3-7/16" (87 mm)
601-3	round-shank, cabinet-tip	3" (76 mm)	6-3/4" (171 mm)
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
602-6	round-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)
603-1	round-shank, No. 2 Phillips-tip	1-1/2" (38 mm)	3-7/16" (87 mm)
603-3	round-shank, No. 1 Phillips-tip	3" (76 mm)	6-3/4" (171 mm)
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
603-6	round-shank, No. 3 Phillips-tip	6" (152 mm)	11" (279 mm)

* Heavy-duty models



85078

6-Piece Cushion-Grip Screwdriver Set

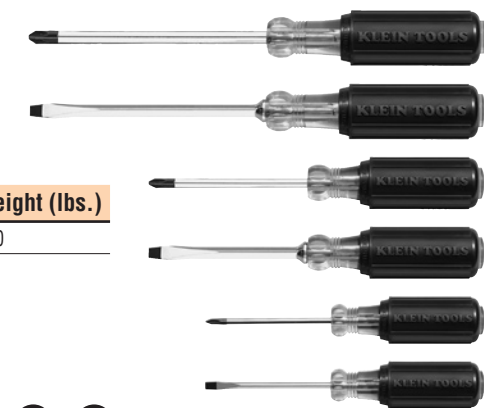
Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes: one cabinet-tip, two keystone-tip, three Phillips-tip styles, and plastic POP packaging.

Cat. No.	Set Contains	Weight (lbs.)
NEW! 85074		1.50

Cat. No.	Description	Blade Length	Overall Length
601-3	round-shank, cabinet-tip	3" (76 mm)	6-3/4" (171 mm)
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
600-6	square-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)
603-3	round-shank, No. 1 Phillips-tip	3" (76 mm)	6-3/4" (171 mm)
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
603-6	round-shank, No. 3 Phillips-tip	6" (152 mm)	11" (279 mm)

* Heavy-duty models



85074

All dimensions are in inches and (millimeters).

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

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT use to pry or chisel.

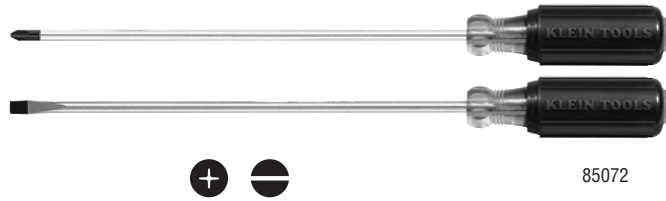


Cushion-Grip Screwdriver Sets

2-Piece 10" Long Blade Screwdriver Set

Additional Features:

- Phillips-tip is precision-machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.
- Precision-ground narrow cabinet-tip permits blade access where space is limited.
- Ideal for hard-to-reach places where added length is necessary.
- Includes: one Phillips-tip style, one cabinet-tip, and plastic POP packaging.



85072

Cat. No.	Set Contains	Weight (lbs.)		
NEW! 85072		.70		
Cat. No.	Description	Shank Tip Width	Shank Length	Overall Length
603-10	round-shank, Profilated® Phillips-tip	No. 2	10" (254 mm)	14-5/16" (363 mm)
605-10	round-shank, cabinet-tip	1/4" (6 mm)	10" (254 mm)	14-5/16" (363 mm)

4-Piece Square Recess Cushion-Grip Screwdriver Set

Additional Features:

- Color-coded handle ends with Tip-Ident® for quick and easy identification.
- Round shank with Robertson® tip for square-recess screws.
- Chrome plated shaft for corrosion resistance.
- Cushion-grip handle for greater torque and comfort.
- Works on most combination head receptacle, switch and panel screws.



85664

Cat. No.	Set Contains	Weight (lbs.)		
NEW! 85664		1.50		
Cat. No.	Point Size	Color Code	Shaft Length	Overall Length
660	No. 0	yellow	4" (102 mm)	7-3/4" (197 mm)
661	No. 1	green	4" (102 mm)	7-3/4" (197 mm)
662	No. 2	red	4" (102 mm)	8-5/16" (211 mm)
663	No. 3	black	4" (102 mm)	8-5/16" (211 mm)

5-Piece TORX® Cushion-Grip Screwdriver Set

Additional Features:

- Color-coded handle ends with Tip-Ident® for quick and easy identification.
- TORX® drive systems transmit more torque to the work and reduce slippage, saving fasteners.
- Chrome plated shaft for corrosion resistance.
- Cushion-grip handle for greater torque and comfort.



19555

Cat. No.	Set Contains	Weight (lbs.)		
NEW! 19555		1.20		
Cat. No.	TORX® Size	Color Code	Shaft Length	Overall Length
19542	T15	yellow	4" (102 mm)	7-3/4" (197 mm)
19543	T20	green	4" (102 mm)	7-3/4" (197 mm)
19544	T25	blue	4" (102 mm)	7-3/4" (197 mm)
19545	T27	brown	4" (102 mm)	8-5/16" (211 mm)
19546	T30	red	4" (102 mm)	8-5/16" (211 mm)

TORX® is a trademark of Camcar Division of Textron, Inc.

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.



Cushion-Grip Screwdriver Sets

2-Piece Stubby Screwdriver Set

Additional Feature:

- Double wings inside handle provide solid, twist-resistant blade anchor.

Cat. No.	Set Contains	Weight (lbs.)
85071		.30

Cat. No.	Description	Shank Length	Overall Length
600-1	round-shank, keystone-tip	1-1/2" (38 mm)	3-7/16" (87 mm)
603-1	round-shank, phillips-tip	1-1/2" (38 mm)	3-7/16" (87 mm)



Cushion-Grip Screwdrivers

Stubby Square-Recess Tip Cushion-Grip Screwdrivers

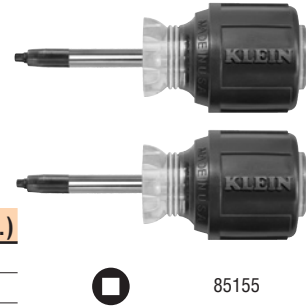
Additional Features:

- Double wings inside handle provide solid, twist-resistant blade anchor.
- Works on most combination head receptacle and switch screws.
- Color-coded handle ends for quick and easy identification.

Cat. No.	Description	Color Code	Shank Length	Overall Length	Weight (lbs.)
NEW! 668	round-shank, No. 1 square-recess tip	green	1-1/2" (38 mm)	3-7/16" (87 mm)	.15
NEW! 669	round-shank, No. 2 square-recess tip	red	1-1/2" (38 mm)	3-7/16" (87 mm)	.15

Stubby Square-Recess Cushion-Grip Screwdriver Set

Cat. No.	Description	Color Code	Shank Length	Overall Length	Weight (lbs.)
NEW! 85155	2-piece stubby square-recess cushion-grip screwdriver set	green (Cat. No. 668), red (Cat. No. 669)	1-1/2" (38 mm)	3-7/16" (87 mm)	.30



Keystone-Tip Screwdrivers – Heavy-Duty Square-Shanks

Additional Features:

- Heavy-duty square shank for wrench-assisted turning.
- Bolster reinforces shank for hard use.
- Designed for the most demanding uses.

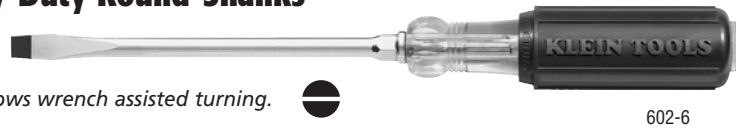


Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
600-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
600-6	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.40
600-8	3/8" (10 mm)	8" (203 mm)	13-7/16" (341 mm)	.65
600-12	1/2" (13 mm)	12" (305 mm)	17-7/16" (443 mm)	.80

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.



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.

All dimensions are in inches and (millimeters).

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

⚠ WARNING: Always wear approved eye protection.

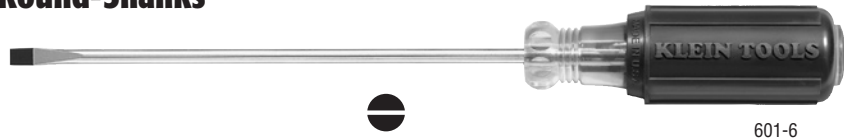
⚠ WARNING: Do NOT use to pry or chisel.



Cabinet-Tip Screwdrivers – Round-Shanks

Additional Feature:

- Narrow cabinet tip permits blade access where space is limited.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
601-3	3/16" (5 mm)	3" (76 mm)	6-3/4" (171 mm)	.10
601-4	3/16" (5 mm)	4" (102 mm)	7-3/4" (197 mm)	.15
601-6	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.15
601-8	3/16" (5 mm)	8" (203 mm)	11-3/4" (298 mm)	.20
601-10	3/16" (5 mm)	10" (254 mm)	13-3/4" (349 mm)	.20

Heavy-Duty Shanks

605-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
605-6	1/4" (6 mm)	6" (152 mm)	10-11/32" (263 mm)	.30
605-8	1/4" (6 mm)	8" (203 mm)	12-11/32" (314 mm)	.30
605-10	1/4" (6 mm)	10" (254 mm)	14-11/32" (365 mm)	.35

Refer to the insulated section for insulated screwdrivers.

Profilated® Phillips-Tip Screwdrivers – Round-Shanks

Additional Features:

- Tips are precision-machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.
- Provides accurate fit and torque without slippage.



Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
603-1	No. 2	1-1/2" (38 mm)	3-7/16" (87 mm)	.10
603-3	No. 1	3" (76 mm)	6-3/4" (171 mm)	.15
603-4	No. 2	4" (102 mm)	8-5/16" (211 mm)	.25
603-6	No. 3	6" (152 mm)	11" (279 mm)	.35
603-7	No. 2	7" (178 mm)	11-5/16" (287 mm)	.30
603-10	No. 2	10" (254 mm)	14-5/16" (364 mm)	.35

Refer to the insulated section for insulated screwdrivers.

Coated Cabinet-Tip Screwdrivers – Round-Shanks

Additional Features:

- Plastic coated for circuit protection only. NOT INSULATED.
- Special plastic coating resists cutting, cracking, and chipping.
- Thin coating permits use in confined areas.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
620-3	3/16" (5 mm)	3" (76 mm)	6-3/4" (171 mm)	.15
621-6	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.20
621-8	3/16" (5 mm)	8" (203 mm)	11-3/4" (298 mm)	.20
621-10	3/16" (5 mm)	10" (254 mm)	13-3/4" (349 mm)	.25

Heavy-Duty Shanks

620-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.20
620-6	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.40
620-8	3/8" (10 mm)	8" (203 mm)	13-7/16" (341 mm)	.60

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.

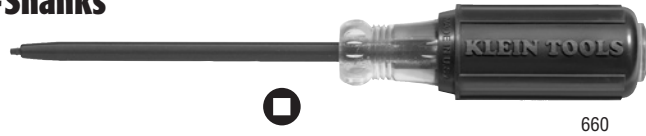


Cushion-Grip Screwdrivers

Square-Recess Tip Screwdrivers – Round-Shanks

Additional Features:

- Color-coded handle ends for quick and easy identification.
- Round shank with Robertson® tip for square-recess screws.
- Black-oxide shaft for corrosion resistance.



660

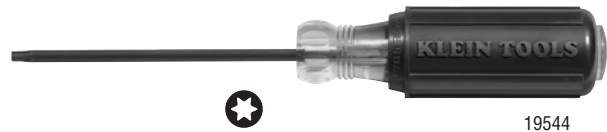
Cat. No.	Point Size	Color Code	Shank Length	Overall Length	Weight (lbs.)
660	No. 0	yellow	4" (102 mm)	7-3/4" (197 mm)	.20
661	No. 1	green	4" (102 mm)	7-3/4" (197 mm)	.20
662	No. 2	red	4" (102 mm)	8-1/4" (210 mm)	.30
663	No. 3	black	4" (102 mm)	8-1/4" (210 mm)	.30
665	No. 1	green	8" (203 mm)	11-3/4" (298 mm)	.30
666	No. 2	red	8" (203 mm)	12-1/4" (311 mm)	.40
667	No. 3	black	8" (203 mm)	12-1/4" (311 mm)	.40

Refer to the insulated section for insulated screwdrivers.

TORX® Screwdrivers – Round-Shanks

Additional Features:

- Color-coded handle ends for quick and easy identification.
- TORX® tip drive cuts slippage, saves fasteners, transmits more torque to the work.
- Black-oxide shaft for corrosion resistance.



19544

Cat. No.	TORX® Size	Color Code	Shank Length	Overall Length	Weight (lbs.)
19542	T15	yellow	4" (102 mm)	8-5/16" (211 mm)	.20
19543	T20	green	4" (102 mm)	8-5/16" (211 mm)	.25
19544	T25	blue	4" (102 mm)	8-5/16" (211 mm)	.25
19545	T27	brown	4" (102 mm)	8-5/16" (211 mm)	.25
19546	T30	red	4" (102 mm)	8-5/16" (211 mm)	.25

TORX® is a trademark of Camcar Division of Textron, Inc.

Conduit-Fitting Screwdriver

Additional Feature:

- Hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach screws in conduit fittings.



19360

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
19360	3/8" (10 mm)	1" (25 mm)	5-11/32" (144 mm)	.30

Conduit-Fitting and Reaming Screwdriver

Additional Features:

- Hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach conduit fittings. Thicker hood is designed for rugged use.
- Reams and smooths 1/2" (13 mm), 3/4" (19 mm), and 1" (25 mm) thin-wall conduit ends to protect wire and permit correct installation of fittings.
- Reams both the inside and outside of the conduit at the same time.
- Longer Cushion-Grip handle provides comfort and more torque for reaming.
- Replaceable reaming blade is now held in place with a 1/16" set screw.



85191

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
85191	5/16" (8 mm)	2-1/2" (64 mm)	7-1/2" (191 mm)	.50
19353	conduit reamer replacement blade kit			.01

All dimensions are in inches and (millimeters).

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

⚠WARNING: Always wear approved eye protection.

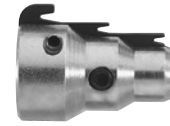
⚠WARNING: Do NOT use to pry or chisel.



Cushion-Grip Screwdrivers

Conduit Reamer

- Locks onto screwdrivers; reams and smooths thin-wall conduit.
- Reams ID and OD at the same time.
- Two set-screws for round- and square-shank screwdrivers.
- Fits up to 3/8" (10 mm) keystone-tip screwdrivers.
- NOT for use on power tools.



19352

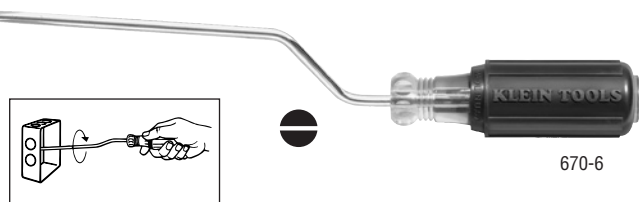
Cat. No.	Conduit Capacity	Weight (lbs.)
19352	1/2", 3/4", 1"	.20
19353	conduit reamer replacement blade kit for 19352	.01
19351	conduit reamer replacement blade for 19350	.01

Rapi-Driv® Screwdrivers

Cabinet-Tip Screwdrivers – Rapi-Driv®

Additional Features:

- Crank-action handle spins screws fast with one hand.
- Saves time and effort, especially on long-threaded screws in switch plates, light fixtures, etc.



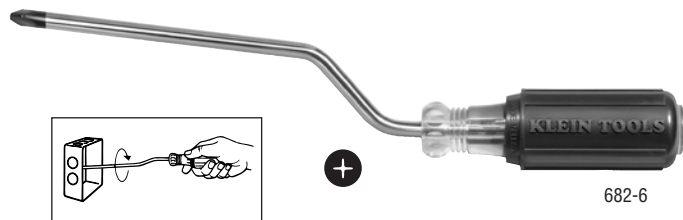
670-6

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
670-3	3/16" (5 mm)	4" (102 mm)	7-3/4" (197 mm)	.15
670-6	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.20
671-6	1/4" (6 mm)	6" (152 mm)	9-3/4" (248 mm)	.20

Phillips Screwdrivers – Rapi-Driv®

Additional Features:

- Crank-action handle spins screws fast with one hand.
- Saves time and effort, especially on long-threaded screws in switch plates, light fixtures, etc.



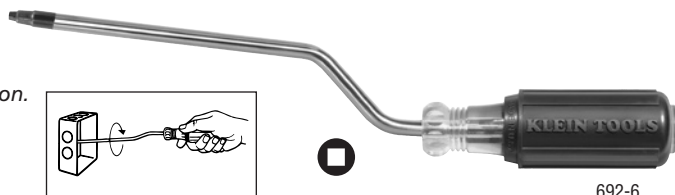
682-6

Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
681-6	No. 1	6" (152 mm)	9-3/4" (248 mm)	.20
682-6	No. 2	6" (152 mm)	9-3/4" (248 mm)	.25

Square-Recess Screwdrivers – Rapi-Driv®

Additional Features:

- Crank-action handle spins screws fast with one hand.
- Color-coded handle ends for quick and easy identification.



692-6

Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
691-6	No. 1	6" (152 mm)	9-3/4" (248 mm)	.35
692-6	No. 2	6" (152 mm)	9-3/4" (248 mm)	.35

All dimensions are in inches and (millimeters).

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

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT use to pry or chisel.

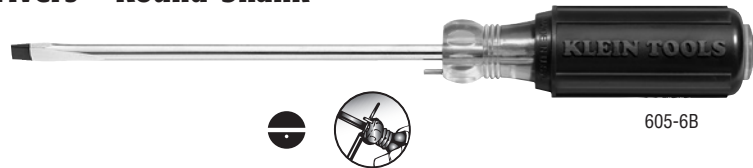


Specialty Screwdrivers

Wire Bending Cabinet-Tip Screwdrivers – Round-Shank

Additional Feature:

- Metal stud offers a convenient and easy way to bend, loop and connect solid wire when installing outlets and switches.

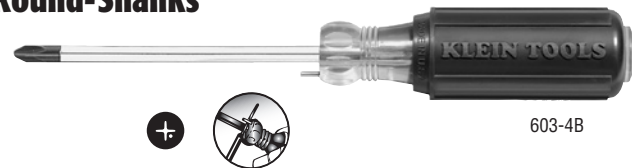


Cat. No.	Shank Tip Width	Shank Length	Overall Length	Bends AWG Gauges	Finish	Weight (lbs.)
605-4B	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	Nos. 10, 12, 14	chrome-plated	0.25
605-6B	1/4" (6 mm)	6" (152 mm)	10-11/32" (263 mm)	Nos. 10, 12, 14	chrome-plated	0.30

Wire Bending Phillips-Tip Screwdrivers – Round-Shanks

Additional Feature:

- Metal stud offers a convenient and easy way to bend, loop and connect solid wire when installing outlets and switches.



Cat. No.	Point Size	Shank Length	Overall Length	Bends AWG Gauges	Finish	Weight (lbs.)
603-3B	No. 1	3" (76 mm)	6-3/4" (171 mm)	Nos. 12 and 14	chrome-plated	0.15
603-4B	No. 2	4" (102 mm)	8-5/16" (211 mm)	Nos. 10, 12, 14	chrome-plated	0.25

Wire Bending Square-Recess Tip Screwdrivers – Round Shanks

Additional Feature:

- Metal stud offers a convenient and easy way to bend, loop and connect solid wire when installing outlets and switches.



Cat. No.	Point Size	Shank Length	Overall Length	Bends AWG Gauges	Finish	Weight (lbs.)
661B	No. 1	4" (102 mm)	8-1/4" (210 mm)	Nos. 10, 12, 14	black oxide	0.20
662B	No. 2	4" (102 mm)	8-1/4" (210 mm)	Nos. 10, 12, 14	black oxide	0.30

5-in-1 Screwdriver/Nut Driver

Additional Feature:

- End of handle is marked to quickly identify tool.



Cat. No.	Contains	Weight (lbs.)
32476	5/16" nut driver, #1 and #2 Phillips, 9/32" slotted and 3/16" slotted	.35

Replacement Bits for 5-in-1 Screwdriver/Nut Driver

Cat. No.	Fits	Description	Quantity	Weight (lbs.)
32478	5-in-1 (Cat. No. 32476)	#1 Phillips – 3/16" slotted	contains 1 bit	.036
32479	5-in-1 (Cat. No. 32476)	#2 Phillips – 9/32" slotted	contains 1 bit	.044

All dimensions are in inches and (millimeters).

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

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use to pry or chisel.



Specialty Screwdrivers

10-in-1 Screwdriver/Nut Driver

Additional Feature:

- End of handle is marked to quickly identify tool.



32477

Cat. No.	Contains	Weight (lbs.)
32477	5/16" and 1/4" nut drivers, #1 and #2 Phillips, 1/4" and 3/16" slotted, #10 and #15 TORX®, #1 and #2 square-recess	.35

Replacement Bits for 10-in-1 Screwdriver/Nut Driver

Cat. No.	Fits	Description	Quantity	Weight (lbs.)
32482	10-in-1 (Cat. No. 32477)	#1 Phillips – 3/16" slotted	contains 2 bits	.010
32483	10-in-1 (Cat. No. 32477)	#2 Phillips – 1/4" slotted	contains 2 bits	.012
32484	10-in-1 (Cat. No. 32477)	#1 square – #2 square	contains 2 bits	.010
32485	10-in-1 (Cat. No. 32477)	#10 Torx® – #15 Torx®	contains 2 bits	.008

Grip-It® Screwdriver Set

Features:

Handle size and shape provide greater contact area with hand for maximum turning power and a more comfortable grip.

Patented, oil-resistant, anti-slip, plastic flock on handle helps prevent slippage.



Special high-alloy steel for exceptionally strong blade and long life.

Triangular-shaped handle for more turning power.

Rounded end virtually eliminates pressure points in the palm of the hand.

5-Piece Grip-It® Screwdriver Set

Additional Features:

- General-purpose selection of the most frequently used Grip-It® screwdrivers.
- Includes two cabinet-tip, one Phillips-tip, and two keystone-tip screwdrivers.

Cat. No.	Set Contains	Weight (lbs.)
85090		1.20

Cat. No.	Shank Tip Width	Point Size	Shank Length	Overall Length
19405	7/32" (5.5 mm)		3-15/16" (100 mm)	7-11/16" (195 mm)
19427	7/32" (5.5 mm)		3-15/16" (100 mm)	8-1/16" (205 mm)
19428	5/16" (8 mm)		5-7/8" (150 mm)	10-13/16" (275 mm)
19445		No. 1	3-1/8" (80 mm)	6-7/8" (175 mm)
19446		No. 2	3-15/16" (100 mm)	8-1/16" (205 mm)



85090

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.



Grip-It® Screwdrivers

Grip-It® Keystone-Tip Screwdrivers – Hex-Shanks

Additional Feature:

- Hex-shaped bolster and shaft for wrench-assisted turning.



19435

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
19435	7/32" (5.5 mm)	3-15/16" (100 mm)	8-1/16" (205 mm)	.20
19436	5/16" (8 mm)	5-7/8" (150 mm)	10-13/16" (275 mm)	.35

Grip-It® Keystone-Tip Screwdrivers – Round-Shanks

Additional Feature:

- Hex-shaped bolster for wrench-assisted turning.



19427

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
19427	7/32" (5.5 mm)	3-15/16" (100 mm)	8-1/16" (205 mm)	.15
19428	5/16" (8 mm)	5-7/8" (150 mm)	10-13/16" (275 mm)	.30

Grip-It® Cabinet-Tip Screwdrivers – Round-Shanks

Additional Feature:

- Narrow cabinet-tip permits blade access where space is limited.



19405

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
19405	7/32" (5.5 mm)	3-15/16" (100 mm)	7-11/16" (195 mm)	.15
19406	7/32" (5.5 mm)	5-7/8" (150 mm)	9-5/8" (245 mm)	.15

Grip-It® Profilated® Phillips-Tip Screwdrivers – Round-Shanks

Additional Features:

- Tips are precision-machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.
- Provides accurate fit and torque without slippage.



19446

Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
19445	No. 1	3-1/8" (80 mm)	6-7/8" (175 mm)	.10
19446	No. 2	3-15/16" (100 mm)	8-1/16" (205 mm)	.15

All dimensions are in inches and (millimeters).

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

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT use to pry or chisel.



Plastic-Handle Screwdriver Set

Features:

Meets or exceeds applicable ASME / ANSI specifications.

Smooth Comfordome® handles fit the palm of the hand comfortably.

Nickel-chrome, precision-forged and polished blades with black tips.

Tough amber plastic handle.

Internal flanges provide solid, twist-resistant shaft anchor.

Chrome-plated shaft helps prevent corrosion.

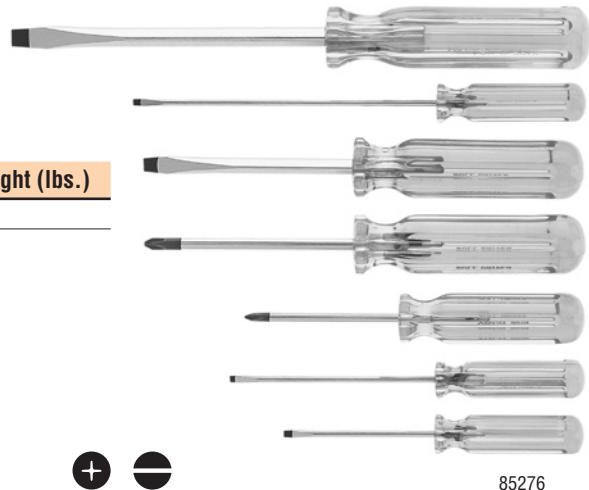


7-Piece Combination Screwdriver Set

Additional Features:

- Set contains: Two Phillips-tip screwdrivers, two slotted keystone-tip screwdrivers, three popular cabinet-tip screwdrivers, and plastic POP packaging.
- Reclosable, seal-tight vinyl pouch.

Cat. No.	Set Contains	Weight (lbs.)
85276		1.10
Cat. No.	Description	Shank Length
BD111	No. 1 Phillips-tip	3" (76 mm)
BD122	No. 2 Phillips-tip	4" (102 mm)
BD284	1/4" square-shank, keystone-tip	6" (152 mm)
BD306	5/16" square-shank, keystone-tip	4" (102 mm)
A216-3	1/8" round-shank, cabinet-tip	3" (76 mm)
A216-4	1/8" round-shank, cabinet-tip	4" (102 mm)
A216-6	1/8" round-shank, cabinet-tip	6" (152 mm)



Midget Screwdriver

Additional Features:

- Specially designed for delicate instrument work.
- Keystone-tip screwdriver.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
A000	3/32" (2 mm)	1-1/2" (38 mm)	2-7/8" (73 mm)	.02



All dimensions are in inches and (millimeters).

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

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT use to pry or chisel.

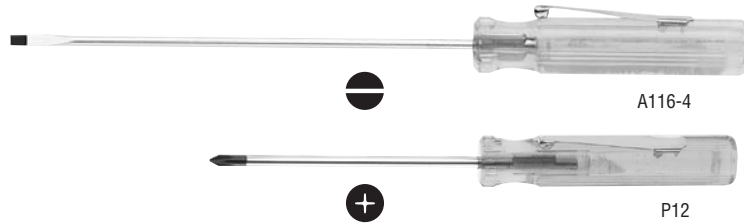


Plastic-Handle Screwdrivers

Pocket-Clip Screwdrivers

Additional Features:

- Round-shank screwdrivers ranging from 3-1/4" (82 mm) to 6-7/16" (164 mm) long.
- Convenient pocket clip.
- Cat. No. A010 has keystone-tip, Cat. No. P12 has Phillips-tip, and all others have cabinet tip.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
Keystone-Tip, and Cabinet-Tip Screwdrivers				
A010	3/32" (2.4 mm)	1-3/8" (35 mm)	3-1/4" (82 mm)	.03
A130-2	1/8" (3.2 mm)	2" (51 mm)	3-7/8" (98 mm)	.05
A130-3	1/8" (3.2 mm)	3" (76 mm)	4-7/8" (124 mm)	.04
A116-2	3/32" (2.4 mm)	2" (51 mm)	4-7/16" (113 mm)	.05
A116-3	3/32" (2.4 mm)	3" (76 mm)	5-7/16" (138 mm)	.03
A116-4	3/32" (2.4 mm)	4" (102 mm)	6-7/16" (164 mm)	.03
A131-2	1/8" (3.2 mm)	2" (51 mm)	4-7/16" (113 mm)	.05

Cat. No.	Point Size	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
Phillips-Tip, Pocket-Clip Round-Shank Screwdriver					
P12	No. 0	1/8" (3.2 mm)	2 1/2" (63 mm)	5" (124 mm)	.05

Keystone-Tip Screwdrivers - Square-Shanks

Additional Features:

- Oversized handle is 35% larger than comparable screwdriver handles.
- Delivers up to 50% extra power to perform tough jobs with minimum effort.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
BD284	1/4" (6.3 mm)	4" (102 mm)	8-1/2" (216 mm)	.25
BD286	1/4" (6.3 mm)	6" (152 mm)	10-1/2" (267 mm)	.30
BD306	5/16" (7.9 mm)	6" (152 mm)	11-3/16" (284 mm)	.35
BD308	5/16" (7.9 mm)	8" (203 mm)	13-3/16" (335 mm)	.40
BD310	5/16" (7.9 mm)	10" (254 mm)	15-3/16" (385 mm)	.50
BD410	3/8" (9.5 mm)	10" (254 mm)	15-3/16" (385 mm)	.60
BD412	3/8" (9.5 mm)	12" (305 mm)	17-3/16" (437 mm)	.75
C718	3/8" (9.5 mm)	18" (457 mm)	23-5/16" (592 mm)	.95

Keystone-Tip Screwdrivers - Round-Shanks

Additional Features:

- Oversized handle is 35% larger than comparable screwdriver handles.
- Delivers up to 50% extra power to perform tough jobs with minimum effort.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
BD143	7/32" (5.6 mm)	3" (76 mm)	7-1/2" (190 mm)	.20
BD144	1/4" (6.3 mm)	4" (102 mm)	8-1/2" (216 mm)	.25
BD146	1/4" (6.3 mm)	6" (152 mm)	10-1/2" (267 mm)	.25
BD156	5/16" (7.9 mm)	6" (152 mm)	11-3/16" (284 mm)	.35
BD158	5/16" (7.9 mm)	8" (203 mm)	13-3/16" (335 mm)	.40
BD408	3/8" (9.5 mm)	8" (203 mm)	13-3/16" (335 mm)	.50
BD510	3/8" (9.5 mm)	10" (254 mm)	15-3/16" (386 mm)	.55
BD512	3/8" (9.5 mm)	12" (305 mm)	17-3/16" (437 mm)	.60
70155	1/4" (6.3 mm)	20" (508 mm)	24-1/2" (622 mm)	.45

All dimensions are in inches and (millimeters).

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

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT use to pry or chisel.



Plastic-Handle Screwdrivers

Cabinet-Tip Screwdrivers – Round-Shanks

Additional Features:

- Small-diameter shank for use in recessed holes or tight places.
- Well-suited for electrical and telecommunications work.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
A230-2	1/8" (3.2 mm)	2" (51 mm)	5" (127 mm)	.05
A216-2	1/8" (3.2 mm)	2" (51 mm)	5" (127 mm)	.05
A216-3	1/8" (3.2 mm)	3" (76 mm)	6" (152 mm)	.05
A216-4	1/8" (3.2 mm)	4" (102 mm)	7" (178 mm)	.05
A216-6	1/8" (3.2 mm)	6" (152 mm)	9" (228 mm)	.05
A216-8	1/8" (3.2 mm)	8" (203 mm)	11" (279 mm)	.05
A216-10	1/8" (3.2 mm)	10" (254 mm)	13" (330 mm)	.05
A316-3	3/16" (4.8 mm)	3" (76 mm)	6-5/8" (168 mm)	.10
A316-4	3/16" (4.8 mm)	4" (102 mm)	7-5/8" (194 mm)	.10
A316-6	3/16" (4.8 mm)	6" (152 mm)	9-5/8" (244 mm)	.10
A316-8	3/16" (4.8 mm)	8" (203 mm)	11-5/8" (295 mm)	.15
A316-10	3/16" (4.8 mm)	10" (254 mm)	13-5/8" (346 mm)	.20

Profiliated® Phillips-Tip Screwdrivers – Round-Shanks

Additional Features:

- Oversized handle is 35% larger than comparable screwdriver handles.
- Delivers up to 50% extra power to perform tough jobs with minimum effort.



Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
BD111	No. 1	3" (76 mm)	6-5/8" (168 mm)	.10
BD122	No. 2	4" (102 mm)	8-1/2" (216 mm)	.20
BD133	No. 3	6" (152 mm)	11-3/16" (284 mm)	.35
P18	No. 1	8" (203 mm)	11-1/2" (292 mm)	.15
P28	No. 2	8" (203 mm)	11-5/8" (295 mm)	.20
P212	No. 2	12" (305 mm)	15-5/8" (397 mm)	.25
P202	No. 2	20" (508 mm)	24-1/2" (622 mm)	.55

Specialty Plastic-Handle Screwdrivers

Ratcheting Screwdriver Set

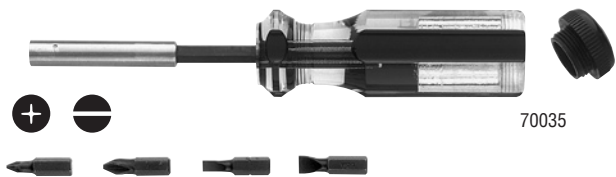
- Slotted and Phillips-tip set.
- Contains a unique 3-position ratcheting screwdriver plus an assortment of blade types and/or sizes.
- Comfortable handle with an easy-to-open snap top.
- Interchangeable bits store inside the handle for quick access.



Cat. No.	Bits Included	Shaft Length with Bits	Overall Length	Weight (lbs.)
32473	3/16" and 9/32" slotted plus No. 1 and No. 2 Phillips	4-1/4" (108 mm)	8-3/4" (222 mm)	.40

Magnetic Screwdriver Set

- Each screwdriver has a powerful magnet built into its shank to hold interchangeable bits and also screws.
- Comfortable handle for easier driving.
- Interchangeable bits store inside handle for quick access.
- Wide selection of bits for different screw types.



Cat. No.	Bits Included	Shaft Length with Bits	Overall Length	Weight (lbs.)
70035	3/16" and 9/32" slotted and No. 1 and No. 2 Phillips	3-3/4" (95 mm)	7-1/4" (184 mm)	.25

All dimensions are in inches and (millimeters).

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

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use to pry or chisel.



Specialty Plastic-Handle Screwdrivers

Screwdriver Replacement Bits

- These precision-milled bits are 1" in length and are 1/4" hex.
- Fits replaceable-bit screwdrivers and other sockets that accept 1/4" hex bits.



Cat. No.	Bit Type	Tip Size	Weight (lbs.)
4HS316	slotted	3/16"	.02
4HS932	slotted	9/32"	.02
4H1P1	Phillips	No. 1	.02
4H1P2	Phillips	No. 2	.02
4H1R1	square recess	No. 1	.01
4H1R2	square recess	No. 2	.01
4H1R3	square recess	No. 3	.01
4HT15	TORX®	T15	.02
4HT20	TORX®	T20	.01
4HT25	TORX®	T25	.02
4HT27	TORX®	T27	.02
4HT30	TORX®	T30	.02
Bit Sets		Bit Selection	
70036	3/16", 9/32" slotted plus No. 1 and No. 2 Phillips tips		.05
70283	No. 1, No. 2, No. 3 square-recess tips		.05
70432	T15, T20, T25, T27, T30 TORX® tips		.05

4-In-1 Screwdriver

- Versatile screwdriver with interchangeable, snap-in blades.
- Tool supplied with four different tips on two reversible blades.



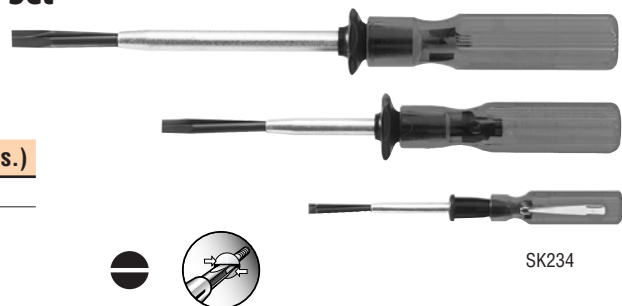
Cat. No.	Description	Overall Length	Weight (lbs.)
32460	screwdriver with two dual-tipped blades	7-5/8" (194 mm)	.370
32478	#1 Phillips & 3/16" slotted	-	.036
32479	#2 Phillips & 9/32" slotted	-	.044

Screw-Holding Screwdrivers

3-Piece Slotted Screw-Holding Screwdriver Set

- Reclosable, seal-tight vinyl pouch with hanging grommet.
- Not designed for torquing or tightening.
- Reclosable, seal-tight vinyl pouch.

Cat. No.	Set Contains	Weight (lbs.)
SK234		.40
Cat. No.	Shank Size	
K23	3/16" x 3" (5 mm x 76 mm)	
K34	1/4" x 4" (6.3 mm x 102 mm)	
K46	5/16" x 6" (8 mm x 152 mm)	



All dimensions are in inches and (millimeters).

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

⚠ WARNING: Always wear approved eye protection.

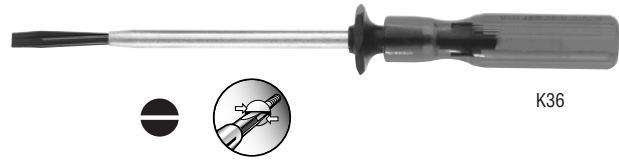
⚠ WARNING: Do NOT use to pry or chisel.



Screw-Holding Screwdrivers

Slotted Screw-Holding Screwdrivers

- Split-blade screw-holding driver wedges into screw slot.
- Positive gripping action holds, starts, and drives slotted screws in awkward, hard-to-reach places.
- Not designed for torquing or tightening.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
K21†	1/16" (1.6 mm)	3" (76 mm)	5-1/4" (133 mm)	.05
K23	3/16" (5 mm)	3" (76 mm)	5-1/4" (133 mm)	.05
K28	3/16" (5 mm)	8" (203 mm)	10-1/4" (260 mm)	.10
K34‡	1/4" (6.3 mm)	4" (102 mm)	7-3/4" (197 mm)	.10
K36‡	1/4" (6.3 mm)	6" (152 mm)	9-3/4" (247 mm)	.15
K38‡	1/4" (6.3 mm)	8" (203 mm)	11-3/4" (298 mm)	.20
K44	5/16" (8 mm)	4" (102 mm)	8-1/4" (209 mm)	.25
K46	5/16" (8 mm)	6" (152 mm)	10-1/4" (260 mm)	.25
K48	5/16" (8 mm)	8" (203 mm)	12-1/4" (311 mm)	.30

† Precision blade for use with small precision screws. Blade thickness of .028" expanding to .045".
‡ Blade thickness of .043" expanding to .085".

Note: K21 and K23 have pocket clips.

Phillips-Tip Screw-Holding Screwdrivers

- Blade separates to hold the fastener.
- Not designed for torquing or tightening.
- Positive gripping action holds and starts Phillips screws in awkward, hard to reach places.



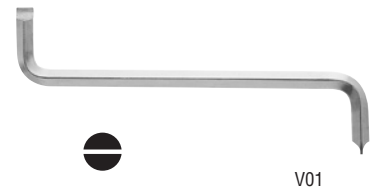
Cat. No.	Overall Length	Weight (lbs.)
K14	5" (127 mm) pocket clip	.05
K16	7" (178 mm)	.05
K19	9" (229 mm)	.05

Offset Screwdrivers

Slotted-Tip Offset Screwdrivers

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

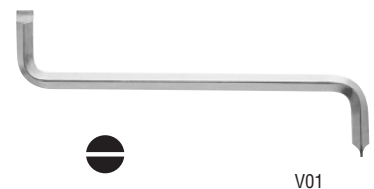
Cat. No.	For Screw Nos.	Overall Length	Tip Width	Weight (lbs.)
V01	2 to 6	3" (76 mm)	3/16" (5 mm)	.01
V02	6 to 10	4-1/4" (108 mm)	1/4" (6.3 mm)	.05
V03	8 to 12	5" (127 mm)	5/16" (8 mm)	.11
V04	12 to 16	6" (152 mm)	3/8" (9.5 mm)	.25



Slotted-Tip Offset Screwdrivers

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

Cat. No.	For Screw Nos.	Overall Length	Tip Width	Weight (lbs.)
V01	2 to 6	3" (76 mm)	3/16" (5 mm)	.01
V02	6 to 10	4-1/4" (108 mm)	1/4" (6.3 mm)	.05
V03	8 to 12	5" (127 mm)	5/16" (8 mm)	.11
V04	12 to 16	6" (152 mm)	3/8" (9.5 mm)	.25



All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

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

▲WARNING: Do NOT use to pry or chisel.



Offset Screwdrivers

Phillips-Tip Offset Screwdrivers

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

Cat. No.	Point Nos.	Overall Length	Weight (lbs.)
P120	No. 1 and No. 2	4-3/4" (121 mm)	.05
P230	No. 2 and No. 3	5-1/2" (140 mm)	.15
P340	No. 3 and No. 4	6" (152 mm)	.20



P230

Combination-Tip Offset Screwdriver

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

Cat. No.	For Screw Nos.	Overall Length	Tip Width	Weight (lbs.)
V05	1/4" slotted No. 2 Phillips	5" (127 mm)	1/4" (6.3 mm)	.05

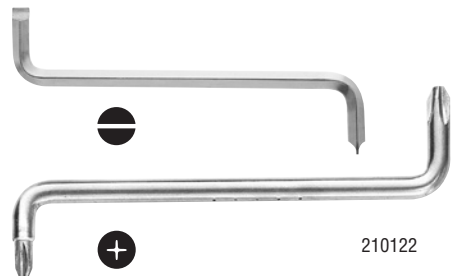


V05

2-Piece Offset Screwdriver Set

- Designed for confined hard-to-reach applications.
- Two tip sizes for added convenience.

Cat. No.	Set Contains	Weight (lbs.)
210122	P120 (No. 1 and No. 2 Phillips-tip) and V02 (1/4" to 5/16" slotted tip)	.10

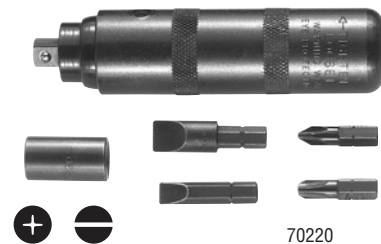


210122

Specialty Driver Set

Reversible Impact-Driver Set

- Rugged, hand-impact driver turns rusted, frozen, or other stubborn screws.
- Can also be used with 3/8" square-drive impact sockets.
- Internal, spring-loaded, helical design transforms the impact of a hammer blow to up to 200 ft.-lbs. of shock torque.
- Easily reverses for tightening or loosening screws.
- Constructed of high-grade alloy steel that has been heat treated for added strength.
- Reclosable, seal-tight vinyl pouch with hang-up grommet.



70220

Cat. No.	Description	Weight (lbs.)
70220	pouched impact-driver set with 3/8"-square-drive fitting adapter for 5/16" hex bits, four assorted hex screwdriver bits (5/16" and 1/2" regular slotted tip, No. 2 and No. 4 Phillips-tip)	2.15

Replacement Screwdriver Bits

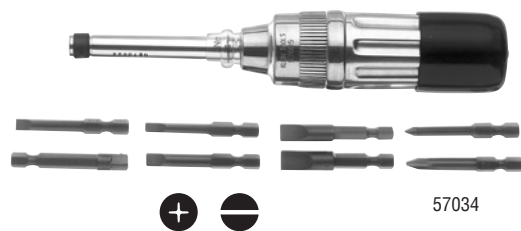
70229	replacement set of 5/16"-drive screwdriver bits (5/16" and 1/2" regular slotted tip, No. 2 and No. 4 Phillips-tip) packed in reclosable, seal-tight vinyl pouch	.25
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Torque Screwdrivers

Torque-Screwdriver Set

- Compact, easy to use set.
- Form-fitted storage box to keep set organized.

Cat. No.	Contains	Weight (lbs.)
57034	torque screwdriver Cat. No. 57035, 8-piece bit set Cat. No. 57036, rugged form-fitted storage box	1.0



57034

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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

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

⚠WARNING: Do NOT use to pry or chisel.



Torque Screwdriver

- Adjustable, torque-limiting screwdriver with calibrated micrometer scale.
- "Torque by feel." Turn and click, and it's torqued to micrometer accuracy. Accurate to $\pm 3^\circ$ plus 1/2 graduation.
- Graduated in 2 in.-lbs. (.2 NM) increments.
- Torques either clockwise or counter-clockwise.
- Can be preset and sealed for production use.
- Meets MIL-H26497 specifications.
- Easy-release bit holder. Bits are held securely during operation, yet are easily removed when released.
- Aluminum outside construction for light weight and non-magnetic characteristics.
- Non-slip grip.
- Bits not included.



57035

Cat. No.	Range	Drive Size	Overall Length	Weight (lbs.)
57035	2-36 in.-lb.	1/4" female	8" (203 mm)	.50

8-Piece Torque-Screwdriver Bits Set

- Set of eight bits for Cat. No. 57035 torque screwdriver.



57036

Cat. No.	Contains	Weight (lbs.)
57036	Phillips No. 1 and No. 2; slotted No. 4 (3/16" x .034"), No. 5 (7/32" x .036"), No. 6 (1/4" x .038"), No. 10 (5/16" x .046"), No. 12 (3/8" x .050"); 1/4" hex-to-square male adapter	.50

WARNING: Do NOT use to pry or chisel.

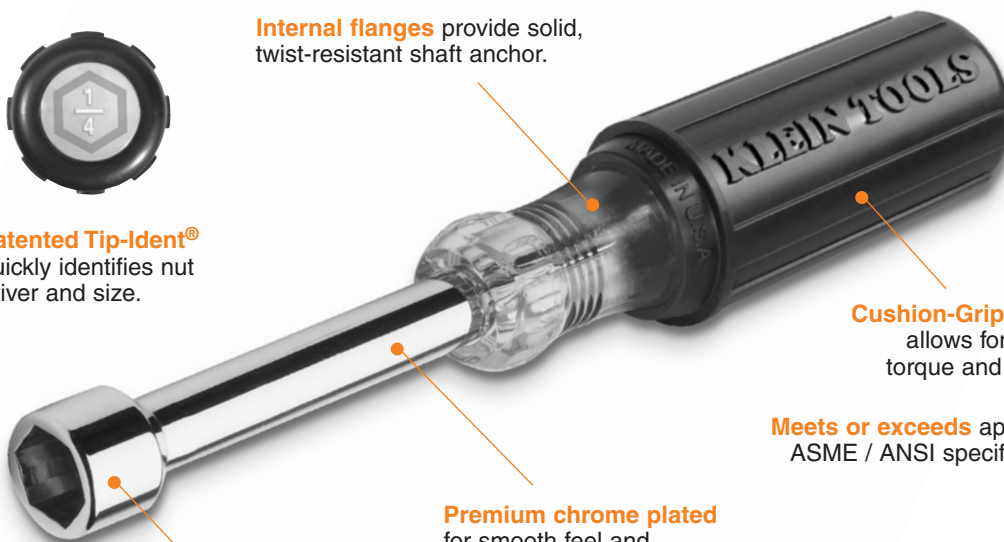
Cushion-Grip Nut Driver Sets

Features:



Patented Tip-Ident® quickly identifies nut driver and size.

Internal flanges provide solid, twist-resistant shaft anchor.



Cushion-Grip handle allows for greater torque and comfort.

Meets or exceeds applicable ASME / ANSI specifications.

Premium chrome plated for smooth feel and corrosion resistance.

Full hollow shafts facilitate work on stacked circuit boards or other long bolt applications.

Handle end is also color coded for easy identification.



All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

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



Cushion-Grip Nut Driver Sets

7-Piece Cushion-Grip Nut Driver Set – 3"-Shanks

Additional Feature:

- General-purpose selection of the most frequently used nut drivers.

Cat. No.	Set Contains	Weight (lbs.)
631		1.50

Cat. No.	Color Code	Hex Size	Shank Length	Overall Length
630-3/16	black	3/16"	3" (76 mm)	6-3/4" (171 mm)
630-1/4	red	1/4"	3" (76 mm)	6-3/4" (171 mm)
630-5/16	yellow	5/16"	3" (76 mm)	6-3/4" (171 mm)
630-11/32	green	11/32"	3" (76 mm)	6-3/4" (171 mm)
630-3/8	blue	3/8"	3" (76 mm)	6-3/4" (171 mm)
630-7/16	brown	7/16"	3" (76 mm)	7-5/16" (186 mm)
630-1/2	red	1/2"	3" (76 mm)	7-5/16" (186 mm)

reusable plastic container



631

7-Piece Metric Cushion-Grip Nut Driver Set – 3"-Shanks

Additional Features:

- Standard length for most applications.
- Fits over long bolts and studs.

Cat. No.	Set Contains	Weight (lbs.)
65160		1.50

Cat. No.	Color Code	Hex Size Metric	Shank Length	Overall Length
630-5mm	black	5 mm	3" (76 mm)	6-3/4" (171 mm)
630-5.5mm	brown	5.5 mm	3" (76 mm)	6-3/4" (171 mm)
630-6mm	red	6 mm	3" (76 mm)	6-3/4" (171 mm)
630-7mm	orange	7 mm	3" (76 mm)	6-3/4" (171 mm)
630-8mm	yellow	8 mm	3" (76 mm)	6-3/4" (171 mm)
630-9mm	green	9 mm	3" (76 mm)	6-3/4" (171 mm)
630-10mm	blue	10 mm	3" (76 mm)	6-3/4" (171 mm)

reusable plastic container



65160

7-Piece Cushion-Grip Nut Driver Set – 6"-Shanks

Additional Feature:

- General-purpose selection of the most frequently used nut drivers.

Cat. No.	Set Contains	Weight (lbs.)
647		1.55

Cat. No.	Color Code	Hex Size	Shank Length	Overall Length
646-3/16	black	3/16"	6" (152 mm)	9-3/4" (171 mm)
646-1/4	red	1/4"	6" (152 mm)	9-3/4" (171 mm)
646-5/16	yellow	5/16"	6" (152 mm)	9-3/4" (171 mm)
646-11/32	green	11/32"	6" (152 mm)	9-3/4" (171 mm)
646-3/8	blue	3/8"	6" (152 mm)	9-3/4" (171 mm)
646-7/16	brown	7/16"	6" (152 mm)	10-5/16" (262 mm)
646-1/2	red	1/2"	6" (152 mm)	10-5/16" (262 mm)

reusable plastic container



647

All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

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



Cushion-Grip Nut Drivers

Cushion-Grip Stubby Nut Drivers – 1-1/2"-Shanks

Additional Features:

- Full hollow shank for long bolts or studs.
- Stubby Nut Drivers allow for work in close quarters.
- Meets or exceeds applicable ASME / ANSI specifications.



610-5/16

Cat. No.	Color Code	Hex Size	Shank Length	Overall Length	Weight (lbs.)
610-1/4	red	1/4"	1-1/2" (38 mm)	3-1/2" (89 mm)	.10
610-5/16	yellow	5/16"	1-1/2" (38 mm)	3-1/2" (89 mm)	.10

Stubby Nut Driver Set

Cat. No.	Description	Color Code	Shank Length	Overall Length	Weight (lbs.)
610	2-piece nut driver	red (Cat. No. 610-1/4) and yellow (Cat. No. 610-5/16)	1-1/2" (38 mm)	3-1/2" (89 mm)	.20

Metric Cushion-Grip Hollow-Shank Nut Drivers – 3"-Shanks

Additional Features:

- Standard length for most applications.
- Fits over long bolts and studs.



630-11mm

Cat. No.	Color Code	Hex Size Metric	Shank Length	Overall Length	Weight (lbs.)
630-4mm	red	4 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-4.5mm	yellow	4.5 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-5mm	black	5 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-5.5mm	brown	5.5 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-6mm	red	6 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-7mm	orange	7 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-8mm	yellow	8 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-9mm	green	9 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-10mm	blue	10 mm	3" (76 mm)	6-3/4" (171 mm)	.20
630-11mm	brown	11 mm	3" (76 mm)	7-5/16" (186 mm)	.20

Cushion-Grip Hollow-Shank Nut Drivers – 3"-Shanks

Additional Features:

- Standard length for most applications.
- Fits over long bolts and studs.



630-1/2"

Cat. No.	Color Code	Hex Size	Shank Length	Overall Length	Weight (lbs.)
630-3/16	black	3/16"	3" (76 mm)	6-3/4" (171 mm)	.20
630-1/4	red	1/4"	3" (76 mm)	6-3/4" (171 mm)	.20
630-5/16	yellow	5/16"	3" (76 mm)	6-3/4" (171 mm)	.20
630-11/32	green	11/32"	3" (76 mm)	6-3/4" (171 mm)	.20
630-3/8	blue	3/8"	3" (76 mm)	6-3/4" (171 mm)	.20
630-7/16	brown	7/16"	3" (76 mm)	7-5/16" (186 mm)	.25
630-1/2	red	1/2"	3" (76 mm)	7-5/16" (186 mm)	.25
630-9/16	orange	9/16"	4" (102 mm)	9-3/8" (238 mm)	.35
630-5/8	yellow	5/8"	4" (102 mm)	9-3/8" (238 mm)	.35

Refer to the insulated section for insulated nut drivers.

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



Cushion-Grip Nut Drivers

Cushion-Grip Hollow-Shank Nut Drivers – 6"-Shanks

Additional Features:

- Reaches into deep recesses.
- Fits over extra-long bolts and studs.



646-1/2

Cat. No.	Color Code	Hex Size	Shank Length	Overall Length	Weight (lbs.)
646-3/16	black	3/16"	6" (152 mm)	9-3/4" (248 mm)	.25
646-1/4	red	1/4"	6" (152 mm)	9-3/4" (248 mm)	.25
646-5/16	yellow	5/16"	6" (152 mm)	9-3/4" (248 mm)	.25
646-11/32	green	11/32"	6" (152 mm)	9-3/4" (248 mm)	.25
646-3/8	blue	3/8"	6" (152 mm)	9-3/4" (248 mm)	.30
646-7/16	brown	7/16"	6" (152 mm)	10-5/16" (262 mm)	.35
646-1/2	red	1/2"	6" (152 mm)	10-5/16" (262 mm)	.35
646-9/16	orange	9/16"	6" (152 mm)	11-3/8" (289 mm)	.40
646-5/8	yellow	5/8"	6" (152 mm)	11-3/8" (289 mm)	.40

Drive-A-Matic Cushion-Grip Nut Driver

Additional Features:

- Automatically fits 15 different nut and screw sizes.
- Hex head adjusts to the proper size as you turn it.
- Will drive or loosen hex nuts from 1/4" (6.4 mm) to 7/16" (11.1 mm), hex-head screws from No. 6 to 1/4" (6.4 mm), and socket-head cap screws from No. 8 to 5/16" (7.9 mm).



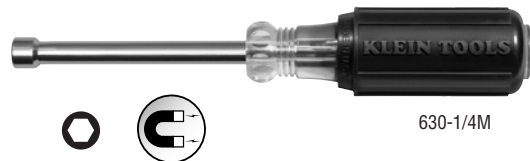
632

Cat. No.	Overall Length	Weight (lbs.)
632	7" (178 mm) when open, 6-3/4" (171 mm) when closed	.35

Magnetic Tip Nut Drivers – Hollow Shanks

Additional Features:

- Hollow shaft design with Rare Earth magnetic tip.
- Hollow shaft facilitates work on long bolt and stud applications.
- Cushion-Grip handle allows for greater torque and comfort.
- Handle end is color-coded for easy identification.
- Internal flanges provide solid, twist-resistant shank anchor.
- Chrome-plated shaft helps prevent corrosion.



630-1/4M

Cat. No.	Hex Size	Handle End Color	Shank Length	Overall Length	Weight
610-1/4M	1/4"	red	1-1/2" (38 mm)	3-1/2" (89 mm)	.10
610-5/16M	5/16"	yellow	1-1/2" (38 mm)	3-1/2" (89 mm)	.10
610M*	1/4" & 5/16"	red & yellow	1-1/2" (38 mm)	3-1/2" (89 mm)	.20
630-1/4M	1/4"	red	3" (76 mm)	6-3/4" (171 mm)	.20
630-5/16M	5/16"	yellow	3" (76 mm)	6-3/4" (171 mm)	.20
630M*	1/4" & 5/16"	red & yellow	3" (76 mm)	6-3/4" (171 mm)	.40
646-1/4M	1/4"	red	6" (152 mm)	9-3/4" (248 mm)	.25
646-5/16M	5/16"	yellow	6" (152 mm)	9-3/4" (248 mm)	.25
646M*	1/4" & 5/16"	red & yellow	6" (152 mm)	9-3/4" (248 mm)	.50
618-1/4M	1/4"	red	18" (457 mm)	21-3/4" (552 mm)	.50
618-5/16M	5/16"	yellow	18" (457 mm)	21-3/4" (552 mm)	.50

* Two-piece set.

All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

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



Cushion-Grip Nut Drivers

Coated Hollow-Shank Nut Drivers

Additional Features:

- Entire shank plastic coated for circuit protection only. NOT INSULATED.
- Special plastic coating resists cutting, cracking, and chipping.
- Thin coating permits use in confined areas.

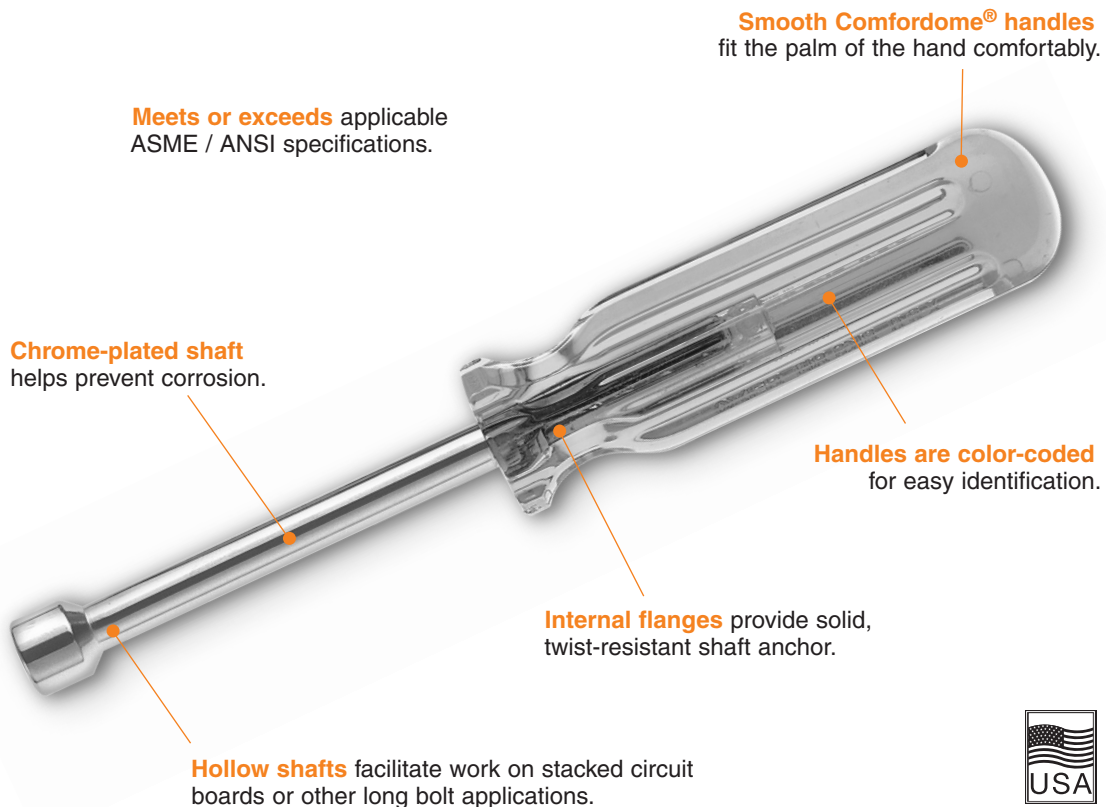


Cat. No.	Color Code	Hex Size	Shank Length	Overall Length	Weight (lbs.)
640-3/16	black	3/16"	3" (76 mm)	6-3/4" (171 mm)	.25
640-1/4	red	1/4"	3" (76 mm)	6-3/4" (171 mm)	.25
640-5/16	yellow	5/16"	3" (76 mm)	6-3/4" (171 mm)	.25
640-3/8	blue	3/8"	3" (76 mm)	6-3/4" (171 mm)	.25
640-7/16	brown	7/16"	3" (76 mm)	7-5/16" (186 mm)	.30
640-1/2	red	1/2"	3" (76 mm)	7-5/16" (186 mm)	.25
640-9/16	orange	9/16"	4" (102 mm)	9-3/8" (238 mm)	.40
640-5/8	yellow	5/8"	4" (102 mm)	9-3/8" (238 mm)	.40

⚠WARNING: NOT insulated. Coating is intended for protection of circuits only.

Plastic-Handle, Hollow Shaft Nut Drivers

Features:



All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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



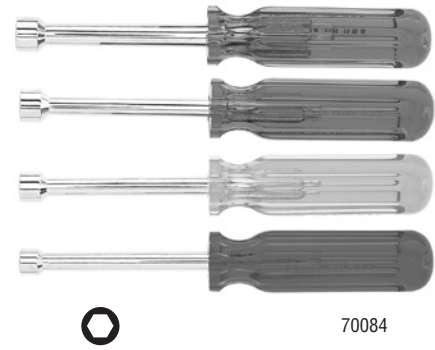
Plastic-Handle, Hollow Shaft Nut Driver Sets

4-Piece Nut Driver Set – 3"-Shanks

Additional Features:

- Standard length works for most applications.
- Comes in reclosable, heavy-vinyl, seal-tight, hang-up pouch.

Cat. No.	Set Contains				Weight (lbs.)
70084					.60
Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	



5-Piece Nut Driver Set – 3"-Shanks

Additional Features:

- Standard length works for most applications.
- Comes in a hang-up box.

Cat. No.	Set Contains				Weight (lbs.)
89969					.70
Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	



7-Piece Nut Driver Set – 3"-Shanks

Additional Features:

- Set contains seven hollow-shaft nut drivers in the most popular hex sizes and plastic POP packaging.
- Comes in reclosable, heavy-vinyl, seal-tight, hang-up pouch.

Cat. No.	Set Contains				Weight (lbs.)
89004					1.10
Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	
S14	brown	7/16"	3" (76 mm)	7" (178 mm)	
S16	red	1/2"	3" (76 mm)	7" (178 mm)	



All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

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



Plastic-Handle, Hollow Shaft Nut Driver Sets

7-Piece Nut Driver Set – 3"-Shanks

Additional Features:

- Set contains seven hollow-shaft nut drivers in the most popular hex sizes.
- Convenient vinyl pouch hangs up, rolls up.

Cat. No.	Set Contains				Weight (lbs.)
K7					1.15
Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	
S14	brown	7/16"	3" (76 mm)	7" (178 mm)	
S16	red	1/2"	3" (76 mm)	7" (178 mm)	



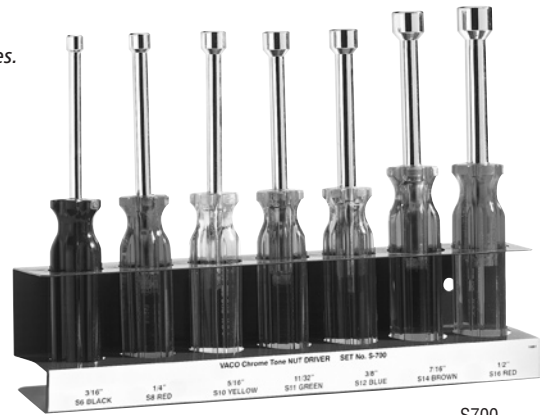
K7

7-Piece Nut Driver Set With Metal Stand – 3"-Shanks

Additional Features:

- Set contains seven hollow-shaft nut drivers in the most popular hex sizes.
- Stands freely or hangs on wall.

Cat. No.	Set Contains				Weight (lbs.)
S700					1.60
Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	



S700

10-Piece Metric Nut Driver Set With Stand – 3"-Shanks

Additional Features:

- White enameled metal stand holds all ten 3-inch-shaft metric nut drivers.
- Identification label makes individual size selection easy.

Cat. No.	Set Contains				Weight (lbs.)
70200					1.85
Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	
70204	black	4 mm	3" (76 mm)	6-5/8" (168 mm)	
70245	black	4.5 mm	3" (76 mm)	6-5/8" (168 mm)	
70205	black	5 mm	3" (76 mm)	6-5/8" (168 mm)	
70255	black	5.5 mm	3" (76 mm)	6-5/8" (168 mm)	
70206	black	6 mm	3" (76 mm)	6-5/8" (168 mm)	
70207	black	7 mm	3" (76 mm)	6-5/8" (168 mm)	
70208	black	8 mm	3" (76 mm)	6-5/8" (168 mm)	
70209	black	9 mm	3" (76 mm)	6-5/8" (168 mm)	
70210	black	10 mm	3" (76 mm)	7" (178 mm)	
70211	black	11 mm	3" (76 mm)	7" (178 mm)	



70200

Screwdrivers, Nut Drivers & Accessories



All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

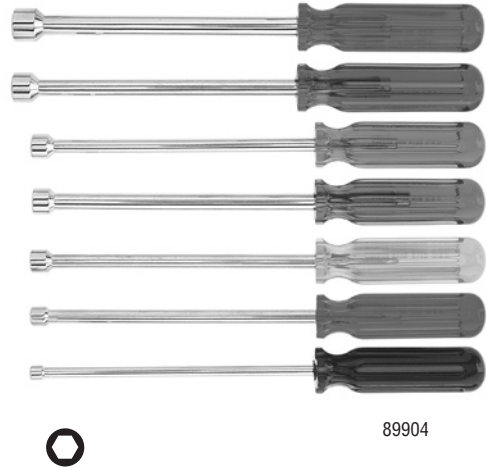
WARNING: NOT insulated. Will NOT protect against electrical shock.

Plastic-Handle, Hollow Shaft Nut Driver Sets

7-Piece Nut-Driver Set – 6"-Shanks

Additional Features:

- Contains seven 6-inch-shaft nut drivers that reach into deep recesses and plastic POP packaging.
- Comes in a reclosable vinyl seal-tight pouch.



89904

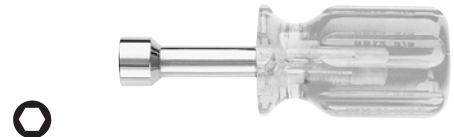
Cat. No.	Set Contains	Weight (lbs.)		
89904		1.15		
Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length
S66	black	3/16"	6" (152 mm)	9-5/8" (244 mm)
S86	red	1/4"	6" (152 mm)	9-5/8" (244 mm)
S106	amber	5/16"	6" (152 mm)	9-5/8" (244 mm)
S116	green	11/32"	6" (152 mm)	9-5/8" (244 mm)
S126	blue	3/8"	6" (152 mm)	9-5/8" (244 mm)
S146	brown	7/16"	6" (152 mm)	10" (254 mm)
S166	red	1/2"	6" (152 mm)	10" (254 mm)

Plastic-Handle, Hollow Shaft Nut Drivers

Stubby Nut Drivers – 1-1/2"-Shanks

Additional Feature:

- Stubby nut drivers allow for work in close quarters.



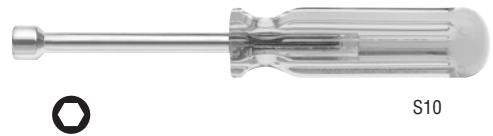
SS12

Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	Weight (lbs.)
SS8	amber	1/4"	1-1/2" (38 mm)	3-3/4" (95 mm)	.15
SS10	amber	5/16"	1-1/2" (38 mm)	3-3/4" (95 mm)	.15
SS12	amber	3/8"	1-1/2" (38 mm)	3-3/4" (95 mm)	.15

Hollow-Shank Nut Drivers – 3"- & 4"-Shanks

Additional Features:

- Standard length works for most applications.
- Fits over long bolts and studs.



S10

Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	Weight (lbs.)
S5	amber	5/32"	3" (76 mm)	6-1/2" (165 mm)	.10
S6	black	3/16"	3" (76 mm)	6-5/8" (168 mm)	.10
S7	brown	7/32"	3" (76 mm)	6-5/8" (168 mm)	.10
S8	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	.15
S9	orange	9/32"	3" (76 mm)	6-5/8" (168 mm)	.15
S10	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	.15
S11	green	11/32"	3" (76 mm)	6-5/8" (168 mm)	.15
S12	blue	3/8"	3" (76 mm)	6-5/8" (168 mm)	.15
S14	brown	7/16"	3" (76 mm)	7" (178 mm)	.20
S16	red	1/2"	3" (76 mm)	7" (178 mm)	.20
S18	red	9/16"	4" (102 mm)	8-1/2" (216 mm)	.30
S20	red	5/8"	4" (102 mm)	8-1/2" (216 mm)	.30

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



Plastic-Handle, Hollow Shaft Nut Drivers

Individual Metric Nut Drivers – 3"-Shanks

Additional Features:

- Standard length works for most applications.
- Fits over long bolts and studs.



Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	Weight (lbs.)
70204	black	4 mm	3" (76 mm)	6-5/8" (168 mm)	.10
70245	black	4.5 mm	3" (76 mm)	6-5/8" (168 mm)	.10
70205	black	5 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70255	black	5.5 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70206	black	6 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70207	black	7 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70208	black	8 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70209	black	9 mm	3" (76 mm)	6-5/8" (168 mm)	.15
70210	black	10 mm	3" (76 mm)	7" (178 mm)	.15
70211	black	11 mm	3" (76 mm)	7" (178 mm)	.20

Individual Nut Drivers – 6"-Shanks

Additional Features:

- Reaches into deep recesses.
- Fits over extra-long bolts and studs.



Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	Weight (lbs.)
S66	black	3/16"	6" (152 mm)	9-5/8" (244 mm)	.15
S86	red	1/4"	6" (152 mm)	9-5/8" (244 mm)	.15
S106	amber	5/16"	6" (152 mm)	9-5/8" (244 mm)	.15
S116	green	11/32"	6" (152 mm)	9-5/8" (244 mm)	.15
S126	blue	3/8"	6" (152 mm)	9-5/8" (244 mm)	.15
S146	brown	7/16"	6" (152 mm)	10" (254 mm)	.20
S166	red	1/2"	6" (152 mm)	10" (254 mm)	.20

Individual Super-Long Nut Drivers – 18"-Shanks



Additional Features:

- Heavy-duty, long-reach nut drivers.
- Ideal for reaching into walls and other hard-to-get-at places where added length is necessary.
- Available in magnetic and non-magnetic tip.

Cat. No.	Handle Color	Hex Size	Shank Length	Type	Overall Length	Weight (lbs.)
S818	red	1/4" (6.3 mm)	18" (457 mm)	standard	21-5/8" (549 mm)	.25
S818M	red	1/4" (6.3 mm)	18" (457 mm)	magnetic	21-5/8" (549 mm)	.25
S1018	amber	5/16" (7.9 mm)	18" (457 mm)	standard	21-5/8" (549 mm)	.25
S1018M	amber	5/16" (7.9 mm)	18" (457 mm)	magnetic	21-5/8" (549 mm)	.25

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

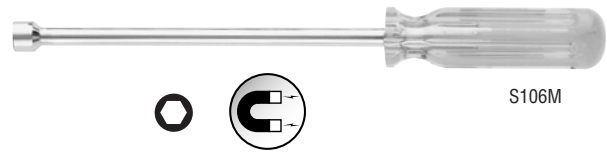


Plastic-Handle, Hollow Shaft Nut Drivers

Magnetic Nut Drivers

Additional Feature:

- Powerful nut-holding magnet built into shank.



S106M

Cat. No.	Handle Color	Hex Size	Shank Length	Overall Length	Weight (lbs.)
S8M	red	1/4"	3" (76 mm)	6-5/8" (168 mm)	.15
S10M	amber	5/16"	3" (76 mm)	6-5/8" (168 mm)	.15
S86M	red	1/4"	6" (152 mm)	9-5/8" (244 mm)	.15
S106M	amber	5/16"	6" (152 mm)	9-5/8" (244 mm)	.15
S126M	blue	3/8"	6" (152 mm)	9-5/8" (244 mm)	.15
S818M	red	1/4"	18" (457 mm)	21-5/8" (549 mm)	.25
S1018M	amber	5/16"	18" (457 mm)	21-5/8" (549 mm)	.25

Tapping Tools and Awls

Six-in-One Tapping Tool

- Quickly forms new threads, re-forms burred threads, and cleans out plaster obstructions.
- Each tap size rethreads to next larger size if threads are stripped.
- Two high-carbon steel taps are secured in reversible holder.



627-20

Cat. No.	Tap Sizes	Overall Length	Weight (lbs.)
627-20	6-32, 8-32, 10-32, 10-24, 12-24, 1/4-20	7-5/8" (194 mm)	0.35
Replacement Taps			
626-32	10-32, 8-32, 6-32		
628-20	10-24, 12-24, 1/4-20		

Triple Taps

- Quickly forms new threads, re-forms burred threads, and cleans out plaster obstructions.
- Each tap size rethreads to next larger size if threads are stripped.



625-24

Cat. No.	Tap Sizes	Color Code	Overall Length	Weight (lbs.)
625-24	6-32, 8-32, 10-24	blue	7-1/8" (181 mm)	0.20
625-32	6-32, 8-32, 10-32	orange	7-1/8" (181 mm)	0.20
Replacement Taps				
626-24	for Cat. No. 625-24			
626-32	for Cat. No. 625-32			

Steel Scratch Awl

- One-piece forged-steel blade and bolstered shank.
- Heat treated for long life.
- Well-balanced for top efficiency during use.
- Black finish for rust resistance.



66385

Cat. No.	Blade Length	Overall Length	Weight (lbs.)
66385	3-1/2" (89 mm)	7" (178 mm)	.30

All dimensions are in inches and (millimeters).

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

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use to pry or chisel.



Tapping Tools and Awls

Cushion-Grip Scratch Awl

- Professional, heavy-duty, hard-pointed awl.
- Scribes metal, starts screw holes, performs a variety of piercing and punching jobs.
- Rigid, chrome-plated, heat-treated, tempered-steel shank has full reinforcing bolster at handle for extra strength and for handle impact reinforcement.
- Internal flanges provide solid shank anchor.
- Cushion-Grip handle allows for greater comfort.



650

Cat. No.	Blade Length	Overall Length	Weight (lbs.)
650	3-1/2" (89 mm)	7-7/8" (200 mm)	.25

⚠WARNING: Do NOT hammer on tool.

Spring Tools

Cushion-Grip Spring Tool

- Installs or removes small-diameter coil springs on motors, brake shoes, headlights, relays, installing recessed can lighting, solenoids, and hundreds of other applications.
- Great for rod and leaf springs.
- Unique C-tip prevents spring slippage.
- Cushion-Grip handles for greater comfort.



ST4

Cat. No.	Shank Length	Overall Length	Weight (lbs.)
NEW! ST4	4" (102 mm)	7-3/4" (197mm)	.17
NEW! ST6	6" (152 mm)	9-3/4" (248 mm)	.19

Spring Tool

- Installs or removes small-diameter coil springs on motors, brake shoes, headlights, relays, can lighting, solenoids, and hundreds of other applications.
- Great for rod and leaf springs.
- Unique C-tip prevents spring slippage.



ST49

Cat. No.	Overall Length	Weight (lbs.)
ST49	7-1/2" (191 mm)	.10

Spring Tool Set

2-Piece Recessed Can Light Tool Set

- Contains the two tools needed for finishing can light installations in record time.
- Long reach, spring tool (Cat. No. ST6) makes attaching difficult springs easy.
- Compact, stubby nut driver (Cat. No. 610-1/4) even fits in smaller cans to tighten hard to reach ceiling height adjustment screws.
- Cushion-Grip handles for greater torque and comfort.



65020

Cat. No.	Set Contains	Weight (lbs.)	
NEW! 65020		.36	
Cat. No.	Description	Shank Length	Overall Length
ST6	6" spring tool	6" (152 mm)	9-3/4" (248 mm)
610-1/4	1/4" stubby nut driver	1-1/2" (38 mm)	3-1/2" (89 mm)

Extractor Kit

5-Piece Screw-Extractor Kit

- Helps remove studs or bolts easily.
- Use on 1/4" to 5/8" screws.
- Clear plastic pouch holds each tool in separate pockets.

Cat. No.	Stud or Bolt Removal Sizes	Weight (lbs.)
70007	1/4", 3/8", 7/16", 1/2", 5/8"	.30



70007

All dimensions are in inches and (millimeters).

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

⚠WARNING: Always wear approved eye protection.

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



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*John P. Wilhelm, Electrician.

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Wrenches

Klein's line of wrenches are forged from the finest steel and are designed to deliver great strength, and long working life. Regardless of the job type, Klein has a wrench that will help the professional complete the task at hand.

FOR PROFESSIONALS... SINCE 1857®

Wrenches

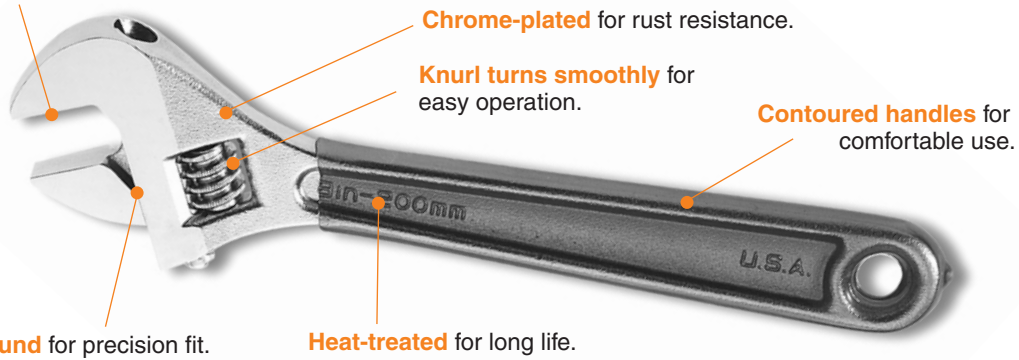


Adjustable Wrenches

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.



Cat. No.	Handle Type	Handle Finish	Length	Capacity	Weight (lbs.)
506-4	dovetail	plain	4-1/4" (108 mm)	1/2" (12 mm)	.11
506-6	dovetail	plain	6-1/4" (158 mm)	3/4" (19 mm)	.25
506-8	dovetail	plain	8-1/4" (209 mm)	15/16" (23 mm)	.51
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
506-15	tapered	plain	15-7/8" (403 mm)	1-11/16" (42 mm)	2.92
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.



Cat. No.	Handle Type	Handle Finish	Length	Capacity	Weight (lbs.)
D506-4	dovetail	plastic-dipped	4-1/2" (114 mm)	1/2" (12 mm)	.13
D506-6	dovetail	plastic-dipped	6-3/8" (162 mm)	3/4" (19 mm)	.27
D506-8	dovetail	plastic-dipped	8-3/8" (213 mm)	15/16" (23 mm)	.62
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
D506-15	tapered	plastic-dipped	15-1/8" (384 mm)	1-11/16" (42 mm)	3.21
D500-18	tapered	plastic-dipped	18-3/8" (467 mm)	2-1/16" (52 mm)	5.02
D500-24	tapered	plastic-dipped	24-1/4" (616 mm)	2-1/2" (63 mm)	8.26
HD506-4	dovetail	heavy-duty, plastic-dipped	4-1/2" (114 mm)	1/2" (12 mm)	.13
HD506-6	dovetail	heavy-duty, plastic-dipped	6-3/8" (162 mm)	3/4" (19 mm)	.27
HD506-8	dovetail	heavy-duty, plastic-dipped	8-3/8" (213 mm)	15/16" (23 mm)	.62
HD506-10	dovetail	heavy-duty, plastic-dipped	10-3/8" (264 mm)	1-1/8" (28 mm)	1.00
HD506-12	dovetail	heavy-duty, plastic-dipped	12-3/8" (315 mm)	1-5/16" (33 mm)	1.54

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.

▲WARNING: Do NOT push or hammer wrench.

▲WARNING: Do NOT extend handle length.



Adjustable Wrenches – Extra Capacity

Additional Features:

- Extra capacity allows use of a smaller size wrench to handle bigger jobs, especially in confined spaces.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.



D507-8

Cat. No.	Handle Finish	Length	Capacity	Weight (lbs.)
507-6	plain	6-1/4" (158 mm)	15/16" (23 mm)	.25
507-8	plain	8-1/4" (209 mm)	1-1/8" (28 mm)	.51
507-10	plain	10-1/4" (260 mm)	1-5/16" (33 mm)	.86
507-12	plain	12-1/4" (311 mm)	1-1/2" (38 mm)	1.32
D507-6	plastic-dipped	6-3/8" (162 mm)	15/16" (23 mm)	.27
D507-8	plastic-dipped	8-3/8" (213 mm)	1-1/8" (28 mm)	.62
D507-10	plastic-dipped	10-3/8" (264 mm)	1-5/16" (33 mm)	1.00
D507-12	plastic-dipped	12-3/8" (315 mm)	1-1/2" (38 mm)	1.54
HD507-6	heavy-duty, plastic-dipped	6-3/8" (162 mm)	15/16" (23 mm)	.27
HD507-8	heavy-duty, plastic-dipped	8-3/8" (213 mm)	1-1/8" (28 mm)	.54
HD507-10	heavy-duty, plastic-dipped	10-3/8" (264 mm)	1-5/16" (33 mm)	1.00
HD507-12	heavy-duty, plastic-dipped	12-3/8" (315 mm)	1-1/2" (38 mm)	1.54

Adjustable Wrenches – Standard Capacity, Black Finish

Additional Features:

- Forged and heat-treated alloy steel for maximum strength and light weight.
- Industrial black finish for corrosion resistance.



D508-8

Cat. No.	Handle Finish	Length	Capacity	Weight (lbs.)
508-4	plain	4-1/4" (108 mm)	1/2" (12 mm)	.11
508-6	plain	6-1/4" (158 mm)	3/4" (19 mm)	.25
508-8	plain	8-1/4" (209 mm)	15/16" (23 mm)	.51
508-10	plain	10-1/4" (260 mm)	1-1/8" (28 mm)	.86
508-12	plain	12-1/4" (311 mm)	1-5/16" (33 mm)	1.32
508-15	plain	14-7/8" (378 mm)	1-11/16" (42 mm)	2.92
D508-4	plastic-dipped	4-1/2" (114 mm)	1/2" (12 mm)	.13
D508-6	plastic-dipped	6-3/8" (162 mm)	3/4" (19 mm)	.27
D508-8	plastic-dipped	8-3/8" (213 mm)	15/16" (23 mm)	.62
D508-10	plastic-dipped	10-3/8" (264 mm)	1-1/8" (28 mm)	1.00
D508-12	plastic-dipped	12-3/8" (315 mm)	1-5/16" (33 mm)	1.54
D508-15	plastic-dipped	15-1/8" (384 mm)	1-11/16" (42 mm)	3.21

Adjustable-Head Construction Wrench

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm).
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle.
- Industrial black finish for corrosion resistance.



3239

Cat. No.	Max. Size Capacity	Length	Weight (lbs.)
3239	1-1/2" (38 mm)	16" (406 mm)	2.36

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.



Combination Wrenches

Features:

Corrosion resistant.

Forged from highest quality alloy-steel.

Open-end and box wrenches have the same size opening on each end.

Open ends are offset at standard 15° angle for confined working areas.

Nickel chrome plated.

Box ends have 15° angle offset to provide clearance over obstructions.



7-Piece Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)
68400		1.23

Cat. No.	Size	Length	Box End Point
68410	1/4"	5-1/8"	12
68411	5/16"	4-3/8"	12
68412	3/8"	6-1/8"	12
68413	7/16"	6-3/8"	12
68414	1/2"	7-1/8"	12
68415	9/16"	7-1/2"	12
68416	5/8"	8-1/8"	12

canvas pouch with marked pockets for each wrench



68400

9-Piece Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)
68402		2.07

Cat. No.	Size	Length	Box End Point
68410	1/4"	5-1/8"	12
68411	5/16"	4-3/8"	12
68412	3/8"	6-1/8"	12
68413	7/16"	6-3/8"	12
68414	1/2"	7-1/8"	12
68415	9/16"	7-1/2"	12
68416	5/8"	8-1/8"	12
68417	11/16"	9"	12
68418	3/4"	9-1/8"	12

canvas pouch with marked pockets for each wrench



68402

All dimensions are in inches.

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT push or hammer wrench.

⚠ WARNING: Do NOT extend handle length.

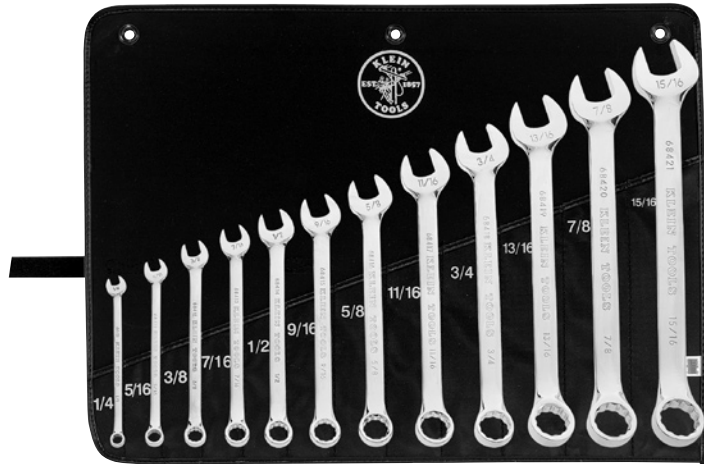


12-Piece Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)
68404		4.13

Cat. No.	Size	Length	Box End Point
68410	1/4"	5-1/8"	12
68411	5/16"	4-3/8"	12
68412	3/8"	6-1/8"	12
68413	7/16"	6-3/8"	12
68414	1/2"	7-1/8"	12
68415	9/16"	7-1/2"	12
68416	5/8"	8-1/8"	12
68417	11/16"	9"	12
68418	3/4"	9-1/8"	12
68419	13/16"	10-9/16"	12
68420	7/8"	11-1/2"	12
68421	15/16"	12-1/2"	12

canvas pouch with marked pockets for each wrench



68404

14-Piece Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)
68406		9.75

Cat. No.	Size	Length	Box End Point
68412	3/8"	6-1/8"	12
68413	7/16"	6-3/8"	12
68414	1/2"	7-1/8"	12
68415	9/16"	7-1/2"	12
68416	5/8"	8-1/8"	12
68417	11/16"	9"	12
68418	3/4"	9-1/8"	12
68419	13/16"	10-9/16"	12
68420	7/8"	11-1/2"	12
68421	15/16"	12-1/2"	12
68422	1"	13-1/2"	12
68423	1-1/16"	14-5/8"	12
68424	1-1/8"	15-9/16"	12
68425	1-1/4"	16-7/8"	12

canvas pouch with marked pockets for each wrench



68406

All dimensions are in inches.

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT push or hammer wrench.

⚠ WARNING: Do NOT extend handle length.



Combination Wrenches

Combination Wrenches

Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68410	1/4"	5-1/8"	12	.05
68411	5/16"	4-3/8"	12	.05
68412	3/8"	6-1/8"	12	.10
68413	7/16"	6-5/8"	12	.14
68414	1/2"	7-1/8"	12	.18
68415	9/16"	7-1/2"	12	.23
68416	5/8"	8-1/2"	12	.28
68417	11/16"	9"	12	.37
68418	3/4"	9-7/8"	12	.46
68419	13/16"	10-5/8"	12	.53
68420	7/8"	11-1/2"	12	.67
68421	15/16"	12-1/2"	12	.79
68422	1"	13-1/4"	12	.93
68423	1-1/16"	14-1/4"	12	1.18
68424	1-1/8"	15-1/2"	12	1.52
68425	1-1/4"	16-3/4"	12	1.88



68417

Metric Combination Wrenches

7-Piece Metric Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)
68500		1.21

Cat. No.	Size	Box End Point	Length
68507	7 mm	12	130 mm
68509	9 mm	12	155 mm
68510	10 mm	12	165 mm
68511	11 mm	12	165 mm
68513	13 mm	12	181 mm
68514	14 mm	12	191 mm
68515	15 mm	12	191 mm

canvas pouch with marked pockets for each wrench



68500

11-Piece Metric Combination Wrench Set

Cat. No.	Set Contains	Weight (lbs.)
68502		2.35

Cat. No.	Size	Box End Point	Length
68507	7 mm	12	130 mm
68508	8 mm	12	137 mm
68509	9 mm	12	155 mm
68510	10 mm	12	165 mm
68511	11 mm	12	165 mm
68512	12 mm	12	181 mm
68513	13 mm	12	181 mm
68514	14 mm	12	191 mm
68515	15 mm	12	191 mm
68517	17 mm	12	229 mm
68519	19 mm	12	248 mm

canvas pouch with marked pockets for each wrench



68502

All dimensions are in inches or millimeters.

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT push or hammer wrench.

⚠ WARNING: Do NOT extend handle length.



Metric Combination Wrenches

Metric Combination Wrenches

Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68507	7 mm	130 mm	12	.05
68508	8 mm	137 mm	12	.08
68509	9 mm	155 mm	12	.10
68510	10 mm	165 mm	12	.13
68511	11 mm	165 mm	12	.13
68512	12 mm	181 mm	12	.18
68513	13 mm	181 mm	12	.16
68514	14 mm	191 mm	12	.22
68515	15 mm	191 mm	12	.22
68517	17 mm	229 mm	12	.39
68519	19 mm	248 mm	12	.42



68512

Open-End Wrenches

Features:

Corrosion resistant.

Forged from highest quality alloy-steel.

Different size opening on each end of wrench.

Ends are offset at 15° angle for clearance over obstructions.

Nickel chrome plated.



5-Piece Open-End Wrench Set

Cat. No.	Set Contains	Weight (lbs.)	
68450		1.08	
Cat. No.	Small Size	Large Size	Length
68460	1/4"	5/16"	4-3/4"
68461	3/8"	7/16"	6"
68462	1/2"	9/16"	7"
68463	9/16"	5/8"	7-1/2"
68464	11/16"	3/4"	9"

canvas pouch with marked pockets for each wrench



68450

All dimensions are in inches or millimeters.

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT push or hammer wrench.

⚠ WARNING: Do NOT extend handle length.

Wrenches



Open-End Wrenches

7-Piece Open-End Wrench Set

Cat. No.	Set Contains	Weight (lbs.)	
68452		2.46	
Cat. No.	Small Size	Large Size	Length
68460	1/4"	5/16"	4-3/4"
68461	3/8"	7/16"	6"
68462	1/2"	9/16"	7"
68463	9/16"	5/8"	7-1/2"
68464	11/16"	3/4"	9"
68465	13/16"	7/8"	10"
68466	15/16"	1"	11"

canvas pouch with marked pockets for each wrench



68452

Open-End Wrenches

Cat. No.	Small Size	Large Size	Length	Weight (lbs.)
68460	1/4"	5/16"	4-3/4"	.04
68461	3/8"	7/16"	6"	.10
68462	1/2"	9/16"	7"	.17
68463	9/16"	5/8"	7-1/2"	.20
68464	11/16"	3/4"	9"	.36
68465	13/16"	7/8"	10"	.55
68466	15/16"	1"	11"	.80



68463

▲WARNING: Do NOT push or hammer wrench.

▲WARNING: Do NOT extend handle length.

Socket Wrench Sets

8-Piece 1/2-Inch Drive Deep-Socket Set

Set consists of the following pieces:

- Eight 12-point deep sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", and 15/16".
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65514	complete 8-piece 1/2" drive, deep-socket set plus metal box	4.53



65514

12-Piece 1/2-Inch Drive Socket Wrench Set

Set consists of the following pieces:

- Nine 12-point sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", and 15/16".
- Extension: 5" long.
- Spark plug socket: 5/8".
- Ratchet.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65510	complete 12-piece 1/2" drive set plus metal box	5.37



65510

All dimensions are in inches.

▲WARNING: Always wear approved eye protection.



16-Piece 1/2-Inch Drive Socket Wrench Set

Set consists of the following pieces:

- Thirteen 12-point sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", and 1-1/4".
- Extension: 5" long.
- Flex handle: 17" long.
- Ratchet.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65512	complete 16-piece 1/2" drive set plus metal box	9.63



65512

8-Piece 3/8-Inch Drive Deep-Socket Set

Set consists of the following pieces:

- Eight 6-point deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16".
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65502	8-piece deep-socket 3/8" drive set plus metal box	2.66



65502

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.

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



65503



Socket Wrench Sets

12-Piece 3/8-Inch Drive Socket Wrench Set

Set consists of the following pieces:

- Four 6-point sockets: 3/8", 7/16", 1/2", and 9/16".
- Four 12-point sockets: 5/8", 11/16", 3/4", and 13/16".
- Spark plug socket: 5/8".
- Two extensions: 1-3/4" and 6" long.
- Ratchet.
- Hinged metal box.



65504

Cat. No.	Description	Weight (lbs.)
65504	complete 12-piece 3/8" drive set plus metal box	3.62

13-Piece 3/8-Inch Drive Metric Socket Set

Set consists of the following pieces:

- Thirteen 6-point sockets: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19 mm.
- Handy, flip-lock tray.



65506

Cat. No.	Description	Weight (lbs.)
65506	13 sockets plus flip-lock tray	1.33

20-Piece 3/8-Inch Drive Socket Wrench Set

Set consists of the following pieces:

- Four 6-point sockets: 3/8", 7/16", 1/2", and 9/16".
- Five 12-point sockets: 5/8", 11/16", 3/4", 13/16", and 7/8".
- Eight 6-point deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", and 13/16".
- Two extensions: 1-3/4", and 3" long.
- Ratchet.
- Hinged metal box.



65508

Cat. No.	Description	Weight (lbs.)
65508	complete 20-piece 3/8" drive set plus metal box	5.40



13-Piece 1/4-Inch Drive Socket Wrench Set

Set consists of the following pieces:

- Nine 6-point sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", and 1/2".
- Spinner handle.
- Two extensions: 2" and 6" long.
- Ratchet.
- Hinged metal box.



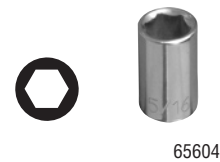
65500

Cat. No.	Description	Weight (lbs.)
65500	complete 13-piece 1/4" drive set plus metal box	2.07

Socket Wrenches

1/4-Inch Drive – Standard 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65600	3/16"	.02
65601	7/32"	.02
65602	1/4"	.02
65603	9/32"	.02
65604	5/16"	.02
65605	11/32"	.03
65606	3/8"	.04
65607	7/16"	.04
65608	1/2"	.05



65604

1/4-Inch Drive – Deep 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65610	1/4"	.06
65611	9/32"	.06
65612	5/16"	.05
65613	11/32"	.07
65614	3/8"	.08
65615	7/16"	.09
65616	1/2"	.11



65615

1/4-Inch Drivers and Extensions

Cat. No.	Description	Weight (lbs.)
65620	4-3/4" ratchet	.32
65621	spinner handle	.19
65622	2" extension	.05
65623	6" extension	.14



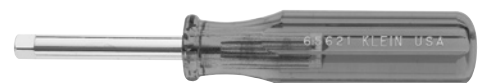
65622



65620



65623



65621

All dimensions are in inches.

WARNING: Always wear approved eye protection.



Socket Wrenches

3/8-Inch Drive – Standard 12-Point Sockets

Cat. No.	Size	Weight (lbs.)
65704	5/8"	.08
65705	11/16"	.11
65706	3/4"	.12
65707	13/16"	.15
65708	7/8"	.19



3/8-Inch Drive – Deep 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65710	3/8"	.09
65711	7/16"	.10
65712	1/2"	.13
65713	9/16"	.15
65714	5/8"	.22
65715	11/16"	.27
65716	3/4"	.28
65717	13/16"	.34



3/8-Inch Drive – Standard 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65700	3/8"	.05
65701	7/16"	.05
65702	1/2"	.06
65703	9/16"	.06



3/8-Inch Drive – Metric 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65907	7 mm	.04
65908	8 mm	.04
65909	9 mm	.05
65910	10 mm	.05
65911	11 mm	.05
65912	12 mm	.06
65913	13 mm	.07
65914	14 mm	.08
65915	15 mm	.10
65916	16 mm	.09
65917	17 mm	.10
65918	18 mm	.11
65919	19 mm	.14



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



All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.



1/2-Inch Drive – Standard 12-Point Sockets

Cat. No.	Size	Weight (lbs.)
65800	7/16"	.12
65801	1/2"	.12
65802	9/16"	.12
65803	5/8"	.12
65804	11/16"	.16
65805	3/4"	.18
65806	13/16"	.19
65807	7/8"	.21
65808	15/16"	.27
65809	1"	.31
65810	1-1/16"	.36
65811	1-1/8"	.41
65812	1-1/4"	.55



1/2-Inch Drive – Deep 12-Point Sockets

Cat. No.	Size	Weight (lbs.)
65825	1/2"	.30
65826	9/16"	.31
65827	5/8"	.24
65828	11/16"	.32
65829	3/4"	.36
65830	13/16"	.41
65831	7/8"	.41
65832	15/16"	.55



1/2-Inch Drivers and Extensions



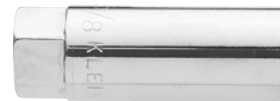
65820



65821



65822



65823

Cat. No.	Description	Weight (lbs.)
65820	10-1/2" ratchet	1.30
65821	5" extension	.45
65822	17" flex handle	1.83
65823	5/8" spark plug socket	.18

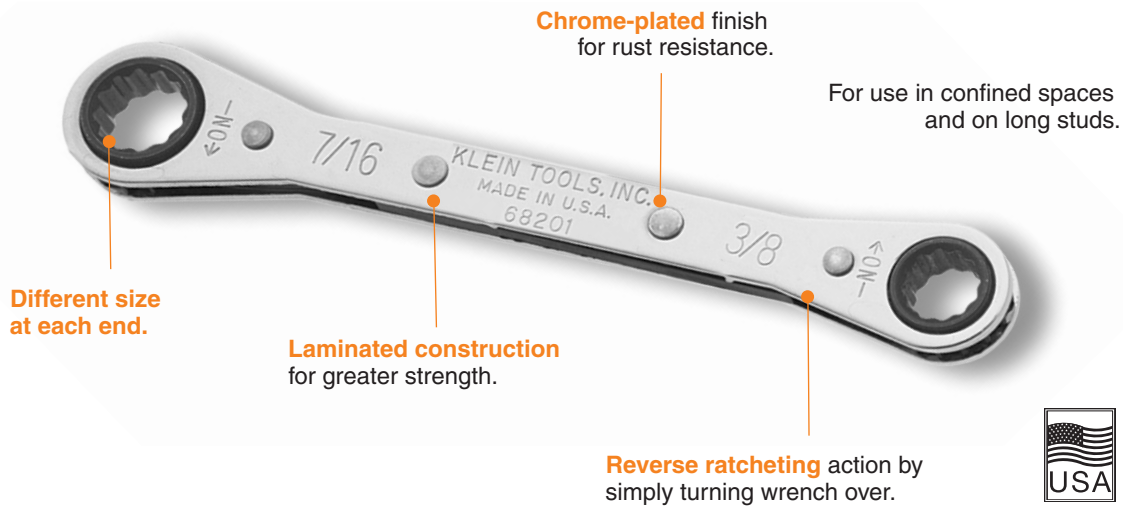
All dimensions are in inches.

▲WARNING: Always wear approved eye protection.



Ratcheting Box Wrenches

Features:



For use in confined spaces and on long studs.



5-Piece Ratcheting Box Wrench Set

- 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.
- Set includes five double-hex wrenches.

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)



68221

7-Piece Ratcheting Box Wrench Set

- Set of the ratcheting box wrenches in heavy plastic 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)



68222

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

▲WARNING: Do NOT push or hammer wrench.

▲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



68201

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 plastic pouch with grommet hole for hanging.

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 heavy plastic 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.

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



68236

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 Refrigeration Wrenches

- Fully reversible ratchet wrenches designed for refrigeration packing gland nuts and valve stem sockets.
- Also designed for beam-clamp installation.
- Wrenches are compact in size, with clearly marked sockets for four nut sizes.
- Quick-flip reversing lever permits instant ratchet reversal.
- Wrenches are ruggedly built and have polished chrome finish with smooth edges for comfort.



68310

Cat. No.	Socket Sizes	Length	Weight (lbs.)
68309	3/16" and 1/4" sq. x 1/2" and 9/16" hex	6-13/16" (173 mm)	.43
68310	3/16" and 5/16" sq. x 1/4" and 3/8" sq.	5-1/2" (140 mm)	.20
68310-24	24 pack of Cat. No. 68310	5-1/2" (140 mm)	4.70

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

Specialty Wrenches

Can Wrench

- 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.



68005

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

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

Lineman's Wrenches

- 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).



3146

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

Bell System Type

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



3146B

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

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT push or hammer wrench.

⚠WARNING: Do NOT extend handle length.



Adjustable-Head Construction Wrench

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm).
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle.
- Industrial black finish for corrosion resistance



Cat. No.	Max. Size Capacity	Length	Weight (lbs.)
3239	1-1/2" (38 mm)	16" (406 mm)	2.36

1/2"-Drive Ratcheting Construction Wrench

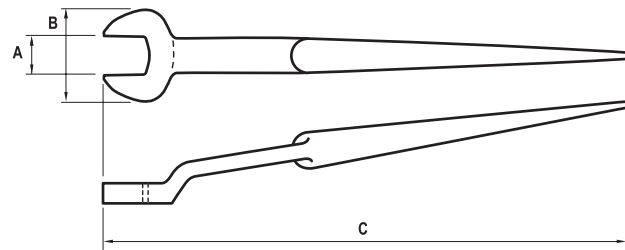
- Accepts 1/2" square-drive hex socket.
- Reversible ratchet.
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle for aligning bolt holes.
- Industrial black finish for corrosion resistance.



Cat. No.	Overall Length	Weight (lbs.)
3238	15" (381 mm)	2.10

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads.
- Extra-heavy-duty head area gives maximum strength and durability.
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt-hole sizes without binding.
- Extra-large hub area works on larger diameter holes than other wrenches.
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification.
- American Bridge design.



A - Bolt Size/Nominal Opening
B - Head Width
C - Overall Length

Cat. No.	Nut Type	Bolt Size	Nom. Opening	Head Width	Taper Diameter	Overall Length	Weight (lbs.)
3210	U.S. heavy	1/2"	7/8"	2-1/4"	7/8" to 3/16"	14-3/4"	1.36
3211	U.S. heavy	5/8"	1-1/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3212	U.S. heavy	3/4"	1-1/4"	2-1/2"	1" to 1/4"	16-5/8"	1.98
3213	U.S. heavy	7/8"	1-7/16"	3"	1-1/8" to 9/32"	17-3/8"	2.72
3214	U.S. heavy	1"	1-5/8"	3-5/8"	1-1/8" to 1/4"	18"	3.36
3219	U.S. regular	1/2"	3/4"	2-1/4"	7/8" to 8/16"	14-3/4"	1.36
3220	U.S. regular	1/2"	13/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.35
3221	U.S. regular	5/8"	1"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3222	U.S. regular	3/4"	1-1/8"	2-1/2"	1" to 1/4"	16-5/8"	2.00
3223	U.S. regular	7/8"	1-5/16"	3"	1-1/8" to 9/32"	17-3/8"	2.87
3224	U.S. regular	1"	1-1/2"	3-5/8"	1-1/8" to 1/4"	18"	3.37
3231	utility	5/8"	15/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3232	utility	3/4"	1-1/16"	2-1/2"	1" to 1/4"	16-5/8"	2.00

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.



Strap Wrenches

Grip-It® Strap Wrenches

- Completely adjustable strap wrench.
- Works in the tightest quarters.
- Urethane-covered, high-strength belting attached to lightweight, I-beam handle.
- Patented, cam-action design permits uniform, high-torque application.
- Under normal conditions, will not scratch, damage or deform polished pipe and fittings, plastic pipe and fittings, oil and water filters, glass pipe, PVC conduit, and polished shafts.
- Also works on alternator belts, flywheels, and propeller assemblies.



S12H

Cat. No.	Handle Length	Diameter Capacity, O.D.	Weight (lbs.)
S6H	6" (152 mm)	1-1/2" – 5" (38 mm – 127 mm)	.20
S12H	12" (305 mm)	1-1/2" – 5" (38 mm – 127 mm)	.80
S18H	18" (457 mm)	1-1/8" – 8" (28 mm – 228 mm)	2.95

Torque Wrenches

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

- Automatically limits desired torque.
- "Torque by feel." Pull and click—it's torqued to micrometer accuracy.
- Ratchet head allows speedy torquing and operation in confined working areas.
- Torques to the right.



57005

Cat. No.	Drive Size	Range	Length	Weight (lbs.)
57005	3/8"	30 – 150 in-lb (3.4 – 16.9 Nm)	10-5/8" (270 mm)	1.20
57000	3/8"	15 – 75 ft-lb (6.7 – 101.7 Nm)	14-1/8" (359 mm)	2.00
57010	1/2"	50 – 250 ft-lb (67.8 – 339.0 Nm)	24-1/4" (616 mm)	3.65

Master Electrician's Torque Tool Kit

- Two micrometer-adjustable torque wrenches.
- Nine hex-wrench bits.
- Two 7/16" hex-wrench extensions.
- One 7/16" female hex-wrench adaptor (Coupler).
- One hex-to-square adapter for wrenches and one adaptor for screwdrivers.
- One adjustable torque screwdriver.
- Seven screwdriver bits; five slotted, two Phillips.
- Hinged metal box.
- Additional torque screwdrivers available in screwdriver section.



57060

Cat. No.	Description	Weight (lbs.)
57060	master electrician's torque tool kit	9.55

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

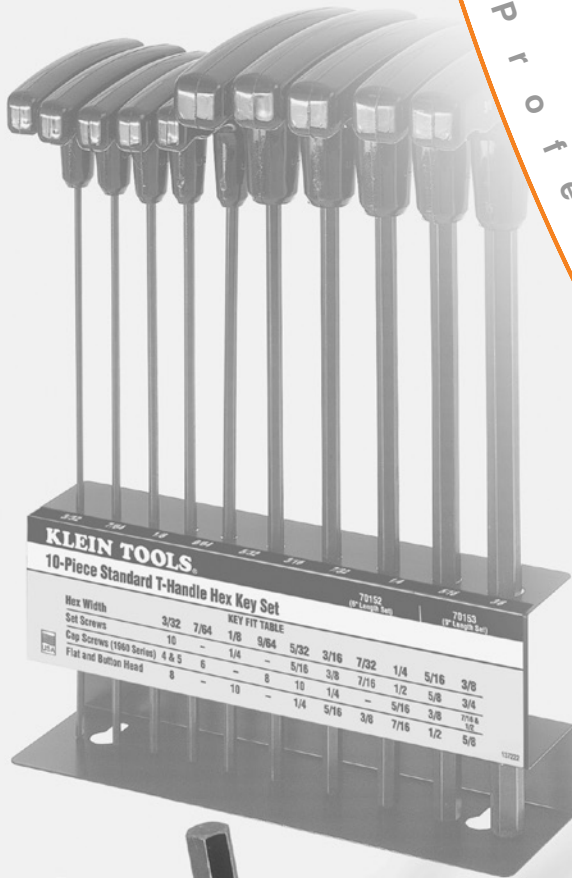
▲WARNING: Do NOT push or hammer wrench.

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

▲WARNING: Do NOT extend handle length.

Hex-Key Wrenches

Klein hex keys are the tools professionals cannot afford to be without. Heat-treated and tempered for superior strength and durability, Klein hex keys are designed for a precise fit in sockets, preventing slippage and stripping of the socket.



FOR PROFESSIONALS... SINCE 1857®

Hex-Key Wrenches



Folding Hex-Key Sets

Hex-Key Sets

- Two key positions (straight-out or right angle) for extra leverage.
- Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket.
- Handy sets fit your pocket or tool box easily and help eliminate the lost-key problem.



70579

Cat. No.	Description	Handle Length	Key Lengths	Weight (lbs.)
70591	nine-key inch set: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4-1/4" (108 mm)	1-3/4" – 3-1/2" (44 mm – 89 mm)	.50
70581	eight-key inch set: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"	3-1/16" (78 mm)	1-1/2" – 2-3/8" (38 mm – 60 mm)	.20
70583	eight-key inch set: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	5-1/4" (133 mm)	3-3/8" – 4-5/8" (86 mm – 117 mm)	.65
70579	five-key inch set: 3/16", 7/32", 1/4", 5/16", 3/8"	5-1/4" (133 mm)	3" – 4-5/8" (76 mm – 117 mm)	.85
Metric Sets				
70582	seven-key metric set: 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm	92 mm (3-5/8")	41 mm – 76 mm (1-5/8" – 3")	.35
70580	five-key metric set: 4 mm, 5 mm, 6 mm, 8 mm, 10 mm	133 mm (5-1/4")	82 mm – 117 mm (3-1/4" – 4-5/8")	.85

GRIP-IT® Hex-Key Sets

- Blades rotate independently up to 270°.
- Precision fit so hex tool end reduces stripping problems. Keys are industrial strength, impact-resistant and tested for performance to below freezing.
- Glass-reinforced nylon handle.
- Hex ends are square-cut for a secure full-depth fit and maximum contact with the hex socket to prevent slippage and stripping of the socket (Cat. Nos. 70570, 70573, 70574, and 70575).
- Ball design allows for a thicker neck diameter increasing torque capacity while maintaining operational angles to 25% (Cat. Nos. 70571 and 70572).



70570

Cat. No.	Description	Sizes	Color	Weight (lbs.)
70570	Grip-It® hex sets – 5 inch sizes	3/16", 7/32", 1/4", 5/16", 3/8"	yellow	.58
70571	Grip-It® ball hex set – 5 inch sizes	3/16", 7/32", 1/4", 5/16", 3/8"	yellow	.58
70572	Grip-It® ball hex set – 5 metric sizes	5 mm, 6 mm, 7 mm, 8 mm, 10 mm	red	.58
70573	Grip-It® hex sets – 6 inch sizes and 6 metric sizes	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm	blue	.30
70574	Grip-It® hex sets – 9 inch sizes	5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	yellow	.33
70575	Grip-It® hex sets – 9 inch sizes	.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16"	yellow	.20

TORX® Set

Folding TORX® Set

- TORX® drive cuts slippage, saves fasteners, efficiently transmits more torque to the work.
- Keys are tough, heat-treated chrome-nickel alloy steel for strength and durability.
- Keys fold flat into handle.
- Can be used straight out or at an angle for extra leverage.



70586

Cat. No.	Handle Length	Blade Lengths	Contains	Weight (lbs.)
70586	4-1/4" (108 mm)	2-1/8" to 3" (54 mm to 76 mm)	T10, T15, T20, T25, T27, T30, T40	.30

TORX® is a trademark of Camcar Division of Textron, Inc.

▲WARNING: Do NOT use a pipe or similar extension to increase leverage.

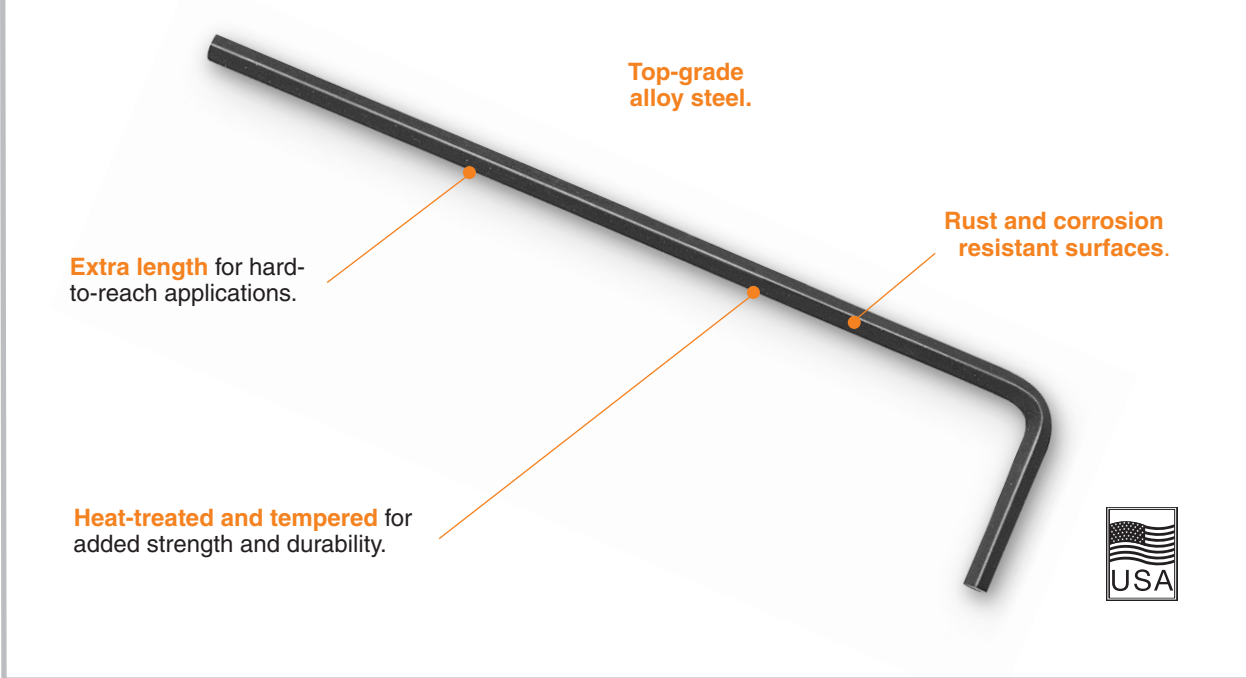
▲WARNING: Always wear approved eye protection.

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



L-Style Hex-Key Sets

Features:



L-Style Hex-Key Caddy Sets

Additional Features:

- L-style hex keys in convenient caddy sets.
- Caddy contains a unique locking feature and marked slots for each key.
- Durable caddy keeps hex keys organized.



12-Piece Hex-Key Set – Inch		Weight (lbs.)
Cat. No.	Set Contains	
LLK12		.54

Cat. No.	Hex Size	Size and Length	
		Short Arm Length	Long Arm Length
LL2	.050"	5/8"	2-15/16"
LL4	1/16"	21/32"	3-3/32"
LL5	5/64"	11/16"	3-9/32"
LL6	3/32"	3/4"	3-15/32"
LL7	7/64"	25/32"	3-21/32"
LL8	1/8"	27/32"	3-27/32"
LL9	9/64"	7/8"	4-1/32"
LL10	5/32"	15/16"	4-7/32"
LL12	3/16"	1-1/32"	4-1/2"
LL14	7/32"	1-1/8"	4-29/32"
LL16	1/4"	1-7/32"	5-11/32"
LL20	5/16"	1-11/32"	6-1/32"

9-Piece Hex-Key Set – Metric		Weight (lbs.)
Cat. No.	Set Contains	
LLM10		.63

Cat. No.	Hex Size	Size and Length	
		Short Arm Length	Long Arm Length
LLM15	1.5 mm	23/32"	3-1/8"
LLM2	2 mm	7/16"	3-1/32"
LLM25	2.5 mm	1/2"	3-9/32"
LLM3	3 mm	9/16"	3-1/2"
LLM4	4 mm	11/16"	3-31/32"
LLM5	5 mm	13/16"	4-3/8"
LLM6	6 mm	15/16"	4-27/32"
LLM8	8 mm	1-1/32"	5-1/32"
LLM10	10 mm	1-3/32"	5-9/32"

▲WARNING: Do NOT use a pipe or similar extension to increase leverage.

▲WARNING: Always wear approved eye protection.

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

Hex-Key Wrenches



L-Style Hex-Key Sets

L-Style Ball-End Hex-Key Caddy Sets

Additional Features:

- L-style hex keys in convenient caddy sets.
- Each set contains a unique locking feature and marked slots for each key.
- Ball-end works on angles up to 30°.
- Durable caddy keeps hex keys organized.



BLK12

12-Piece Ball-End Hex-Key Set – Inch

Cat. No.	Set Contains	Weight (lbs.)
BLK12		.53

Cat. No.	Hex Size	Size and Length	
		Short Arm Length	Long Arm Length
BL2	.050"	19/32"	2-29/32"
BL4	1/16"	5/8"	3-1/16"
BL5	5/64"	21/32"	3-1/4"
BL6	3/32"	23/32"	3-7/16"
BL7	7/64"	3/4"	3-5/8"
BL8	1/8"	13/16"	3-13/16"
BL9	9/64"	27/32"	4"
BL10	5/32"	29/32"	4-3/16"
BL12	3/16"	1"	4-15/32"
BL14	7/32"	1-3/32"	4-7/8"
BL16	1/4"	1-3/16"	5-5/16"
BL20	5/16"	1-5/16"	6"

9-Piece Ball-End Hex-Key Set – Metric

Cat. No.	Set Contains	Weight (lbs.)
BLMK10		.62

Cat. No.	Hex Size	Size and Length	
		Short Arm Length	Long Arm Length
BLM15	1.5 mm	11/16"	3-3/32"
BLM2	2 mm	13/32"	3"
BLM25	2.5 mm	15/32"	3-1/4"
BLM3	3 mm	17/32"	3-15/32"
BLM4	4 mm	21/32"	3-15/16"
BLM5	5 mm	25/32"	4-11/32"
BLM6	6 mm	29/32"	4-13/16"
BLM8	8 mm	1"	5"
BLM10	10 mm	1-1/16"	5-1/4"



▲WARNING: Do NOT use a pipe or similar extension to increase leverage.

▲WARNING: Always wear approved eye protection.

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

Long-Arm Hex-Keys – Inch

Additional Features:

- Long side for accessing hard-to-reach places.
- Short side for higher torque situations and low clearances.



LL8

Cat. No.	Hex Size	Size and Length		Weight (lbs.)
		Short Arm Length	Long Arm Length	
LL2	.050"	5/8"	2-15/16"	.005
LL4	1/16"	21/32"	3-3/32"	.005
LL5	5/64"	11/16"	3-9/32"	.005
LL6	3/32"	3/4"	3-15/32"	.01
LL7	7/64"	25/32"	3-21/32"	.02
LL8	1/8"	27/32"	3-27/32"	.02
LL9	9/64"	7/8"	4-1/32"	.03
LL10	5/32"	15/16"	4-7/32"	.03
LL12	3/16"	1-1/32"	4-1/2"	.05
LL14	7/32"	1-1/8"	4-29/32"	.70
LL16	1/4"	1-7/32"	5-11/32"	.10
LL20	5/16"	1-11/32"	6-1/32"	.18
LL24	3/8"	1-15/32"	6-27/32"	.25

Long-Arm Hex-Keys – Metric

Additional Features:

- Long side for accessing hard-to-reach places.
- Short side for higher torque situations and low clearances.



LLM5

Cat. No.	Hex Size	Size and Length		Weight (lbs.)
		Short Arm Length	Long Arm Length	
LLM15	1.5 mm	23/32"	3-1/8"	.005
LLM2	2 mm	7/16"	3-1/32"	.005
LLM25	2.5 mm	1/2"	3-9/32"	.01
LLM3	3 mm	9/16"	3-1/2"	.02
LLM4	4 mm	11/16"	3-31/32"	.03
LLM5	5 mm	13/16"	4-3/8"	.05
LLM6	6 mm	15/16"	4-27/32"	.08
LLM8	8 mm	1-1/32"	5-1/32"	.15
LLM10	10 mm	1-3/32"	5-9/32"	.25

▲WARNING: Do NOT use a pipe or similar extension to increase leverage.

▲WARNING: Always wear approved eye protection.

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



L-Style Hex-Keys

L-Style Ball-End Hex-Keys

Additional Features:

- Allows easy access, even in restricted or hard-to-reach areas.
- Long side for accessing hard-to-reach places.
- Short side for higher torque situations and low clearances.



BL8

Cat. No.	Hex Size	Size and Length		Weight (lbs.)
		Short Arm Length	Long Arm Length	
Ball-End Hex-Key – Inch				
BL2	.050"	19/32"	2-29/32"	.002
BL4	1/16"	5/8"	3-1/16"	.002
BL5	5/64"	21/32"	3-1/4"	.005
BL6	3/32"	23/32"	3-7/16"	.005
BL7	7/64"	3/4"	3-5/8"	.01
BL8	1/8"	13/16"	3-13/16"	.02
BL9	9/64"	27/32"	4"	.02
BL10	5/32"	29/32"	4-3/16"	.03
BL12	3/16"	1"	4-15/32"	.05
BL14	7/32"	1-3/32"	4-7/8"	.06
BL16	1/4"	1-3/16"	5-5/16"	.09
BL20	5/16"	1-5/16"	6"	.17
BL24	3/8"	1-7/16"	6-13/16"	.23
Ball-End Hex-Key – Metric				
BLM15	1.5 mm	11/16"	3-3/32"	.01
BLM2	2 mm	13/32"	3"	.01
BLM25	2.5 mm	15/32"	3-1/4"	.01
BLM3	3 mm	17/32"	3-15/32"	.02
BLM4	4 mm	21/32"	3-15/16"	.03
BLM5	5 mm	25/32"	4-11/32"	.05
BLM6	6 mm	29/32"	4-13/16"	.08
BLM8	8 mm	1"	5"	.14
BLM10	10 mm	1-1/16"	5-1/4"	.24



▲WARNING: Do NOT use a pipe or similar extension to increase leverage.

▲WARNING: Always wear approved eye protection.

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

T-Handle Hex-Key Sets

Features:



Cat. No. and hex size on handle for positive identification.

Treated steel for rust and corrosion resistance.

T-handle design delivers more torque to the fasteners.

Molded-in finger grooves for comfort.

Color-coded handles: blue for metric, black for inch.

9" length is available for hard-to-reach applications.



T-Handle Hex-Key Sets with Stand

Additional Features:

- Furnished complete with a rugged metal stand for convenient hanging, storage on bench or wall.
- T-handle design delivers more torque to the fasteners.



70153

Cat. No.	Set Contains	Weight (lbs.)
70152		2.00
Cat. No.	Hex Size	Blade Length
76206	3/32"	4" (102 mm)
76207	7/64"	4" (102 mm)
76208	1/8"	4" (102 mm)
76209	9/64"	4" (102 mm)
76210	5/32"	4" (102 mm)
76212	3/16"	4-1/2" (114 mm)
76214	7/32"	4-1/2" (114 mm)
76216	1/4"	4-1/2" (114 mm)
76220	5/16"	4-1/2" (114 mm)
76224	3/8"	4-1/2" (114 mm)

Cat. No.	Set Contains	Weight (lbs.)
70153		2.40
Cat. No.	Hex Size	Blade Length
79206	3/32"	7-1/4" (184 mm)
79207	7/64"	7-1/4" (184 mm)
79208	1/8"	7-1/4" (184 mm)
79209	9/64"	7-1/4" (184 mm)
79210	5/32"	7-1/4" (184 mm)
79212	3/16"	7-1/2" (191 mm)
79214	7/32"	7-1/2" (191 mm)
79216	1/4"	7-1/2" (191 mm)
79220	5/16"	7-1/2" (191 mm)
79224	3/8"	7-1/2" (191 mm)

Cat. No.	Set Contains	Weight (lbs.)
70157		2.00
Cat. No.	Hex Size	Blade Length
76302	2 mm	6" (152 mm)
76325	2.5 mm	6" (152 mm)
76303	3 mm	6" (152 mm)
76304	4 mm	6" (152 mm)
76305	5 mm	6" (152 mm)
76306	6 mm	6" (152 mm)
76308	8 mm	6" (152 mm)
76310	10 mm	6" (152 mm)

WARNING: Always wear approved eye protection.

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



T-Handle Hex-Key Sets

8-Piece English-Measure T-Handle Hex-Key Sets

Additional Feature:

- T-handle design delivers more torque to the fasteners.



89954

Cat. No.	Set Contains	Weight (lbs.)
89954		.91
Cat. No.	Hex Size	Blade Length
76206	3/32"	4" (102 mm)
76207	7/64"	4" (102 mm)
76208	1/8"	4" (102 mm)
76209	9/64"	4" (102 mm)
76210	5/32"	4" (102 mm)
76212	3/16"	4-1/2" (114 mm)
76214	7/32"	4-1/2" (114 mm)
76216	1/4"	4-1/2" (114 mm)

T-Handle Hex-Keys

T-Handle Hex-Keys

Additional Features:

- T-handle design delivers more torque to the fasteners.
- Color-coded handles: blue for metric, black for inch.



79224

6" Length – Inch Measure				9" Length – Inch Measure				6" Length – Metric Measure			
Cat. No.	Hex Size	Blade Length	Weight (lbs.)	Cat. No.	Hex Size	Blade Length	Weight (lbs.)	Cat. No.	Hex Size	Blade Length	Weight (lbs.)
76206	3/32"	4" (102 mm)	.06	79206	3/32"	7-1/4" (184 mm)	.07	76302	2 mm	6" (152 mm)	.06
76207	7/64"	4" (102 mm)	.06	79207	7/64"	7-1/4" (184 mm)	.07	76325	2.5 mm	6" (152 mm)	.07
76208	1/8"	4" (102 mm)	.07	79208	1/8"	7-1/4" (184 mm)	.08	76303	3 mm	6" (152 mm)	.07
76209	9/64"	4" (102 mm)	.08	79209	9/64"	7-1/4" (184 mm)	.09	76304	4 mm	6" (152 mm)	.09
76210	5/32"	4" (102 mm)	.08	79210	5/32"	7-1/4" (184 mm)	.10	76305	5 mm	6" (152 mm)	.19
76212	3/16"	4-1/2" (114 mm)	.17	79212	3/16"	7-1/2" (191 mm)	.19	76306	6 mm	6" (152 mm)	.22
76214	7/32"	4-1/2" (114 mm)	.19	79214	7/32"	7-1/2" (191 mm)	.22	76308	8 mm	6" (152 mm)	.31
76216	1/4"	4-1/2" (114 mm)	.21	79216	1/4"	7-1/2" (191 mm)	.26	76310	10 mm	6" (152 mm)	.42
76220	5/16"	4-1/2" (114 mm)	.25	79220	5/16"	7-1/2" (191 mm)	.34				
76224	3/8"	4-1/2" (114 mm)	.35	79224	3/8"	7-1/2" (191 mm)	.45				
76232	1/2"	4-1/2" (114 mm)	.45	79232	1/2"	7-1/2" (191 mm)	.65				

▲WARNING: Always wear approved eye protection.

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

Levels & Measuring Tools

Quick, easy, and accurate measurements can mean the difference between a job well done and one that misses the mark. Klein offers a variety of levels and other measuring devices that will help you measure up to the task.

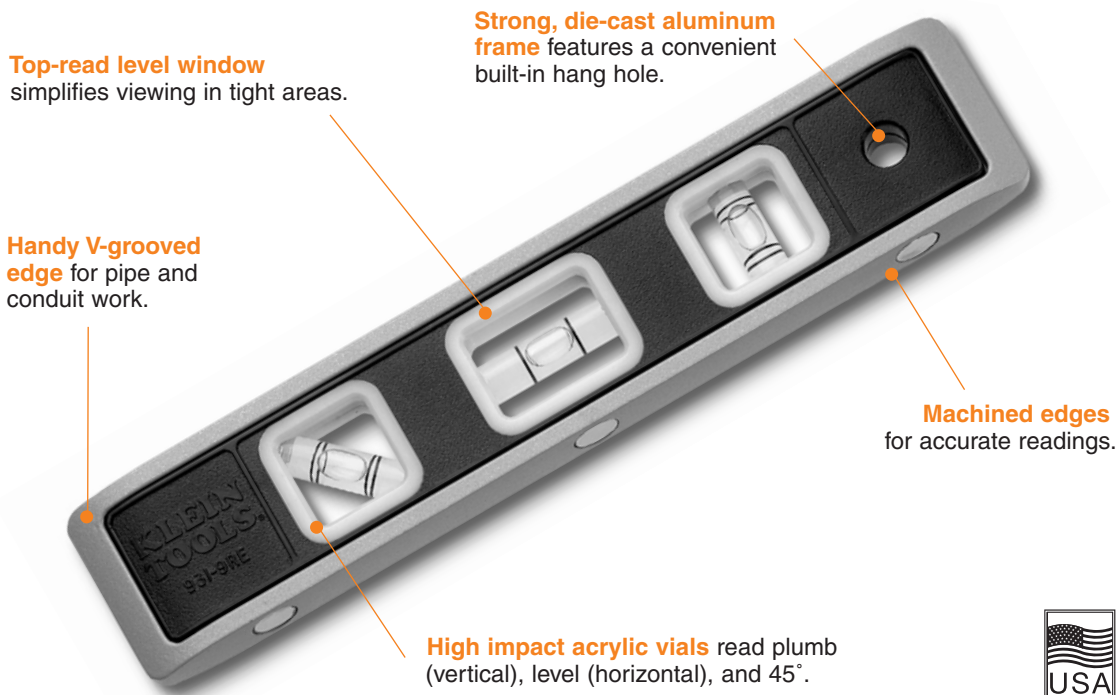
FOR PROFESSIONALS... SINCE 1857®

Levels & Measuring Tools



Levels

Features:



Magnetic Torpedo Level

Additional Features:

- Magnetized strip on bottom.
- Yellow vials for easy viewing.



930-9

Cat. No.	Overall Length	Weight (lbs.)
930-9	9" (229 mm)	.36

Rare Earth Magnet Torpedo Level

Additional Features:

- Powerful Rare Earth magnets hold firmly to iron and steel surfaces.
- Rare Earth magnets are up to 5 times stronger than strip magnets.
- Yellow vials framed with E-Z SEE™ glow-in-the-dark material for easier viewing in dimly lit areas.



931-9RE

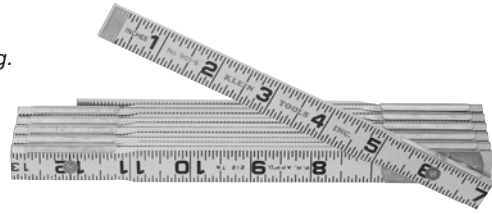
Cat. No.	Overall Length	Weight (lbs.)
931-9RE	9" (229 mm)	.36

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

▲WARNING: Always wear approved eye protection.

Wood Folding Rules

- Strong, 6' (183 cm) long hardwood rules with clear abrasion-resistant coating.
- Black markings on yellow, with red stud center markings every 16 inches.
- Measurements are marked on both sides and both edges, graduated to 1/16th inch.
- Riveted lock joints are designed for long wear and maintained accuracy.
- Engraved graduations on both sides.
- Slide moves under friction in a T-slot which has stops at each end to prevent it from falling out. (Cat. No. 905-6)

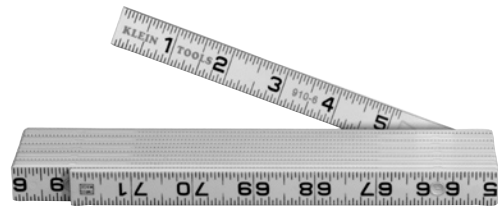


901-6

Cat. No.	Reading	Length	Weight (lbs.)
900-6	inside	6' (183 cm)	.33
901-6	outside	6' (183 cm)	.33
6-Ft. Folding Rule — with Extension			
905-6	outside	6' (183 cm)	.33

Fiberglass Folding Rules

- 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.



910-6

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

Power-Return Rules

Features:

- Durable steel belt clip** for convenience.
- True zero feature** for accurate inside and outside measuring.
- Nylon-coated, hardened steel blade** resists abrasion and wear for long life.
- Multi-riveted end hook with bottom blade protector** reinforces the blade tip and provides maximum pull-out strength.
- Built-in shock absorber** to protect blade tip.

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

▲WARNING: Always wear approved eye protection.

▲WARNING: Protect hands when cleaning magnetic tip. Use gloves or cloth.

▲WARNING: Avoid magnetic contact with sensitive electronic or computer equipment.

▲WARNING: To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case at full speed.

▲WARNING: NOT insulated. Do NOT use on live circuits.

▲WARNING: Do NOT open case. Spring motor is under tension, and opening case may cause injury.



Power-Return Rules

Power-Return Rule – Magnetic Dual-End Hook, Double-Sided Blade

Additional Features:

- Large magnetic dual-end hook* allows for easier one-person measurements on ferrous metals.**
- Large dual-end hook with double-sided blade for easy measurements, markings, and drawings.
- Comfortable rubber grip built into case for positive gripping and impact resistance.
- Positive blade lock holds blade securely in place.
- Oversized easy-to-read blade numbers.
- Tape measure holders available.



918-25RE

	Cat. No.	Blade Length	Width	Weight (lbs.)
NEW!	918-16RE	16' (5 m)	1" (25 mm)	.60
NEW!	918-25RE	25' (7.5 m)	1" (25 mm)	.90
NEW!	918-7.5ME-RE	7.5 m (25')	25 mm (1")	.90
NEW!	918-30RE	30' (9 m)	1" (25 mm)	1.10

*Note: Patent pending design.

**Note: Magnetic strength will vary with different types of metal surfaces.

Power-Return Steel Rules – Magnetic Tip

Additional Features:

- Rare Earth magnetic tip sticks to iron and steel surfaces for simple one-person measurements.
- Comfortable, non-slip rubber jacket for easy gripping of case.
- Thick rubber jacket protects case against fall impacts.
- Convenient two-step lock button – 1st step slows retraction of the blade; 2nd step holds the blade securely.
- High-visibility orange case for easy locating in work areas and tool bags.
- Oversized, bold black numbers (first 11 inches) for easy reading*, 16" (406 mm) and 19" (485 mm) red stud markings.
- Tape measure holders available.



916-25RE

	Cat. No.	Blade Length	Width	Weight (lbs.)
	916-16RE	16' (5 m)	1" (25 mm)	.63
	916-25RE	25' (7.5 m)	1" (25 mm)	.90
	916-7.5ME-RE	7.5 m (25')	25 mm (1")	.90
	916-30RE	30' (9 m)	1" (25 mm)	1.10

(Note: Magnetic strength will vary with different types of metal surfaces.)

*Not available on Cat. No. 916-7.5ME-RE.

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

▲WARNING: Always wear approved eye protection.

▲WARNING: Protect hands when cleaning magnetic tip. Use gloves or cloth.

▲WARNING: Avoid magnetic contact with sensitive electronic or computer equipment.

▲WARNING: To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case at full speed.

▲WARNING: NOT insulated. Do NOT use on live circuits.

▲WARNING: Do NOT open case. Spring motor is under tension, and opening case may cause injury.



Power-Return Steel Rules – Double-Sided

Additional Features:

- Double-sided rule for easy reading of elevation, flat surface, and pipe conduit measurements. (Not available on Cat. No. 908-12.)
- Comfortable, non-slip rubber grip for easy gripping of case.
- Thick rubber grip protects case against fall impacts.
- Eye-catching blue case for quick identification in work areas and tool bags.
- Oversized, bold black numbers (first 11 inches) for easy reading*, 16" (406 mm) and 19" (485 mm) red stud markings.
- Tape measure holders available.



908-25

Cat. No.	Blade Length	Width	Weight (lbs.)
908-12	12' (3.5 m)	5/8" (16 mm)	.33
908-16	16' (5 m)	1" (25 mm)	.60
908-25	25' (7.5 m)	1" (25 mm)	.90
908-7.5ME	7.5 m (25')	25 mm (1")	.90
908-30	30' (9 m)	1" (25 mm)	1.10

*Not available on Cat. No. 908-12.

Power-Return Steel Rules – Polished Chrome Case

- Oversized numbers for quick, easy, and accurate readings.
- Baked-on epoxy coating to resist scratches, rust, and abrasions.
- 3-rivet end hook reinforces the blade tip.
- Positive no-drift lock firmly holds the blade in place at any length.
- True zero feature for accurate inside and outside measuring.
- 16" (406 mm) and 19.2" (485 mm) stud markings.
- Tape measure holders available.



922-12

Cat. No.	Blade Length	Width	Weight (lbs.)
922-12	12' (3.5 m)	3/4" (19 mm)	.35
922-16	16' (5 m)	3/4" (19 mm)	.45
922-25	25' (7.5 m)	1" (25 mm)	1.00
922-30	30' (8 m)	1" (25 mm)	1.40

Power-Return Steel Rules – Metric-English

- Same as No. 922 Series, but with both English and metric scales.
- Tape measure holders available.

Cat. No.	Blade Length	Width	Weight (lbs.)
926-3ME	3 m (10')	13 mm (1/2")	.30
926-5ME	5 m (16')	19 mm (3/4")	.48
926-8ME	8 m (26')	25 mm (1")	1.20



926-3ME

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

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT open case. Spring motor is under tension, and opening case may cause injury.

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

▲CAUTION: To prevent high speed rewinding, apply slight pressure with forefinger on the underside of the blade.

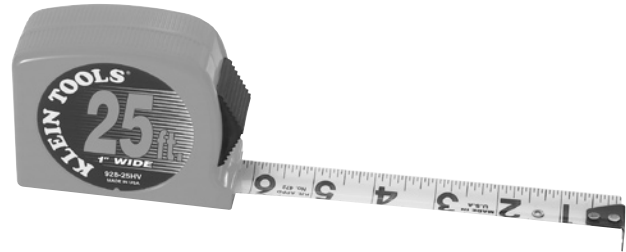


Power-Return Rules

Power-Return Steel Rules – High-Visibility Case

- Same as No. 922 series, but with high-visibility case.
- High-visibility, high-impact orange case makes it easy to find in a tool box, pouch, and on the jobsite.
- 16" (406 mm) and 19.2" (485 mm) stud-center marks.
- Tape measure holders available.

Cat. No.	Blade Length	Width	Weight (lbs.)
928-16HV	16' (5 m)	3/4" (19 mm)	.45
928-25HV	25' (7.5 m)	1" (25 mm)	1.00



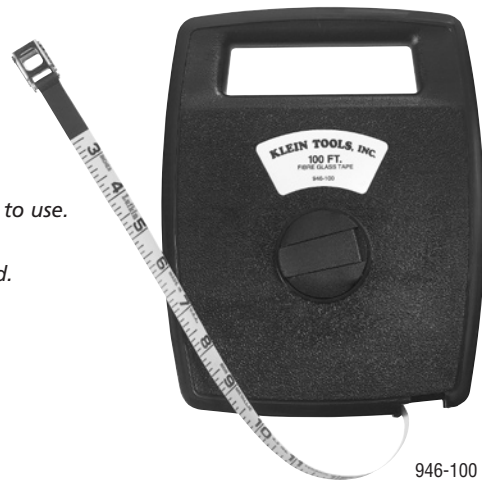
928-25HV

Fiberglass Tapes

Woven Fiberglass Tapes – 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 white 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.

▲WARNING: Do NOT open case. Spring motor is under tension, and opening case may cause injury.

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

▲CAUTION: To prevent high speed rewinding, apply slight pressure with forefinger on the underside of the blade.

Fish Tapes & Conduit Tools

Working with conduit can be a difficult task, especially if you are not well-equipped to tackle the job. Klein's entire line of conduit tools has what it takes to make the job easier from start to finish.

FOR PROFESSIONALS... SINCE 1857®

Fish Tapes & Conduit Tools



Fish Tapes

Features:

Extra-large Grip-It® handle is designed to be gripped from different angles, even with a gloved hand.

Color-coded handles for easy identification: Flat Steel (black), Klein-Flex® (orange), Klein-Lite® (blue), stainless steel (gray).

Enlarged guide slot allows faster, smoother tape dispensing.

Reinforcing ribs molded into the handle provide secure, comfortable grip.

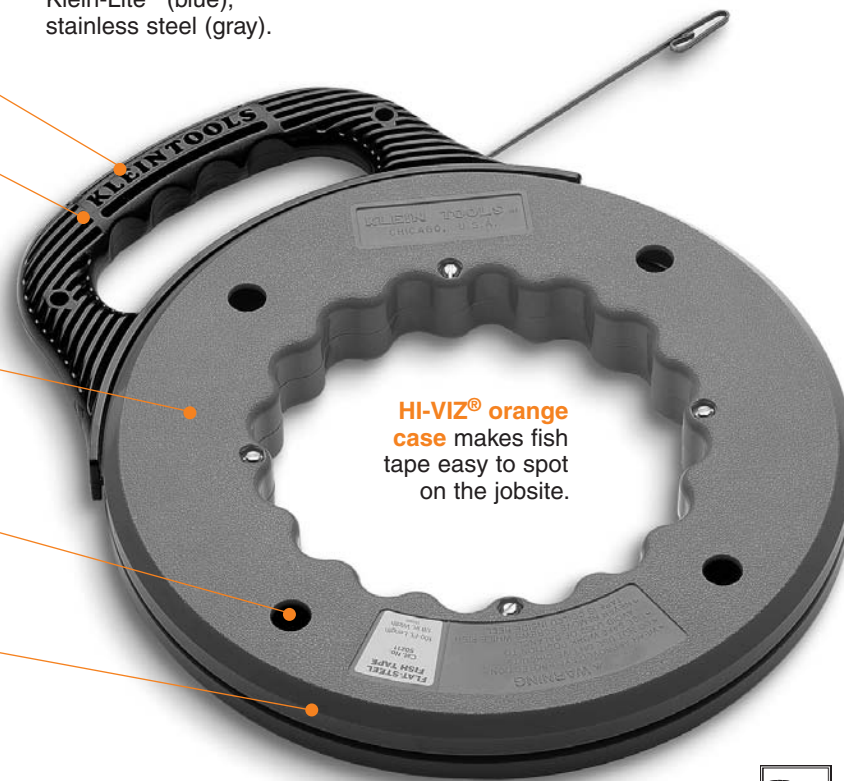
Winder reel made of high-impact plastic for durability and smooth operation.

4 viewpoints show how much tape has been used, eliminating guesswork.

Reels turn easily in either direction for one-handed operation.

HI-VIZ® orange case makes fish tape easy to spot on the jobsite.

4 different types of fish tapes: Flat-steel, Klein-Flex® spiral-wound, Klein-Lite® non-metallic, and stainless steel.



Speedway® Flat-Steel Fish Tapes – Grip-It® Handles

Additional Features:

- Tempered, high-quality 1/8" (3 mm) wide steel tape.
- Flat-steel fish tape is for everyday use.

Cat. No.	Color-Coded Handle	Length	Reel Diameter	Weight (lbs.)
50206	black	60' (18 m)	12" (305 mm)	3.44
50211	black	120' (37 m)	12" (305 mm)	8.94
50221	black	240' (73 m)	12" (305 mm)	7.84



50206

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

▲WARNING: Wear approved eye protection when feeding, pulling or rewinding fish tape.

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

▲WARNING: Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

▲WARNING: Use a safe work position to avoid loss of balance when using fish tape.



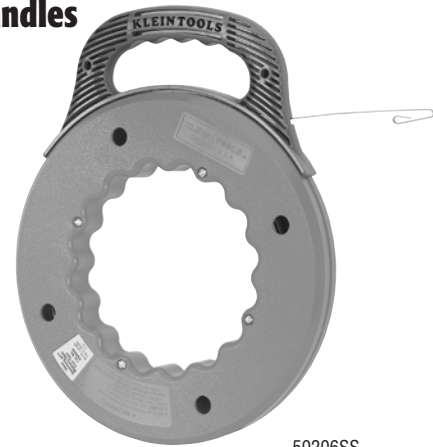
Silver Speedway® Stainless Steel Fish Tapes – Grip-It® Handles

Additional Features:

- Tempered, high-quality 1/8" (3 mm) wide stainless steel tape.
- Stainless steel is rust resistant for long life.

Cat. No.	Color-Coded Handle	Length	Reel Diameter	Weight (lbs.)
50206SS	gray	60' (18 m)	12" (305 mm)	3.45
50211SS	gray	120' (37 m)	12" (305 mm)	5.05
50221SS	gray	240' (73 m)	12" (305 mm)	7.94

▲WARNING: Never form the pulling loop into a single loop (that is, into the shape of a fish hook) or create some sharp edge that could cause the fish tape to catch on other objects or cut into the insulation of surrounding wires. The pulling loop should only be formed into a double loop.



50206SS

Klein-Flex® Fish Tapes – Grip-It® Handles

Additional Features:

- Super-flexible 3/16" (5 mm) round spiral-wound steel tape.
- Enlarged eye-loop accommodates up to five unstripped No. 12 AWG wires.
- Rated to 500 lbs. maximum pulling force.
- Klein-Flex® spiral-wound fish tape is for shorter runs through curves.

Cat. No.	Color-Coded Handle	Handle Type	Length	Reel Diameter	Weight (lbs.)
50125	orange	easy-grip handle	25' (7 m)	8.5" (216 mm)	2.45
50151	orange	Grip-It® handle	50' (15 m)	12" (305 mm)	5.56

▲WARNING: Do NOT pull with any type of mechanical fish-tape puller.

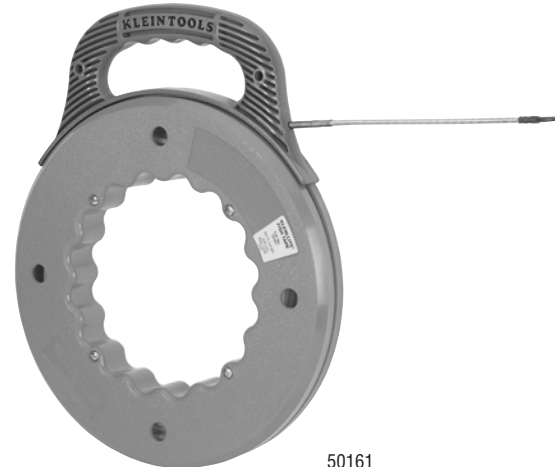


50151

Klein-Lite® Non-Metallic Fish Tapes with Grip-It® Handles

Additional Features:

- High pulling strength.
- Enlarged contoured eye-loop accommodates up to five unstripped No. 12 AWG wires.
- Rated to 500 lbs. maximum pulling force.
- Klein-Lite® non-metallic fish tape is lightweight with smooth, low-friction surface.



50161

Cat. No.	Color-Coded Handle	Description	Length	Reel Diameter	Weight (lbs.)
50161	blue	Klein-Lite® Fish Tape with eye loop and 7" leader	50' (15 m)	12" (305 mm)	3.00
50166	blue	Klein-Lite® Fish Tape with eye loop and 7" leader	100' (31 m)	12" (305 mm)	3.60
50181	blue	Klein-Lite® Fish Tape with eye loop	50' (15 m)	12" (305 mm)	2.85
50186	blue	Klein-Lite® Fish Tape with eye loop	100' (31 m)	12" (305 mm)	3.50

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

▲WARNING: Wear approved eye protection when feeding, pulling or rewinding fish tape.

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

▲WARNING: Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

▲WARNING: Use a safe work position to avoid loss of balance when using fish tape.



Fish Tapes

Replacement Tapes

- Loops on both ends for easy installation.

Cat. No.	Description	Length and Size	Fits Model	Weight (lbs.)
50305	replacement flat-steel fish tapes (without reel)	60' (18 m) x 1/8" (3 mm)	50206	1.50
50310	replacement flat-steel fish tapes (without reel)	120' (37 m) x 1/8" (3 mm)	50211	3.00
50320	replacement flat-steel fish tapes (without reel)	240' (73 m) x 1/8" (3 mm)	50221	5.90
50305SS	replacement stainless steel fish tapes (without reel)	60' (18 m) x 1/8" (3 mm)	50206SS	1.85
50310SS	replacement stainless steel fish tapes (without reel)	120' (37m) x 1/8" (3 mm)	50211SS	3.10
50320SS	replacement stainless steel fish tapes (without reel)	240' (73 m) x 1/8" (3 mm)	50221SS	6.00
50025	replacement Klein-Flex® fish tapes	25' (8 m)	50125	2.05
50050	replacement Klein-Flex® fish tapes	50' (15 m)	50151	3.60

Fish-Tape Ball

- Provides a handy swivel hook for attachment of wires to all Klein flat-steel or stainless steel fish tapes.
- Helps prevent kinks in tape and allows smoother, easier fishing through tight runs.
- High-strength steel with black-oxide finish.
- Holds up to five No. 12 unstripped wires.
- Holds up to seven No. 10 bare wires.

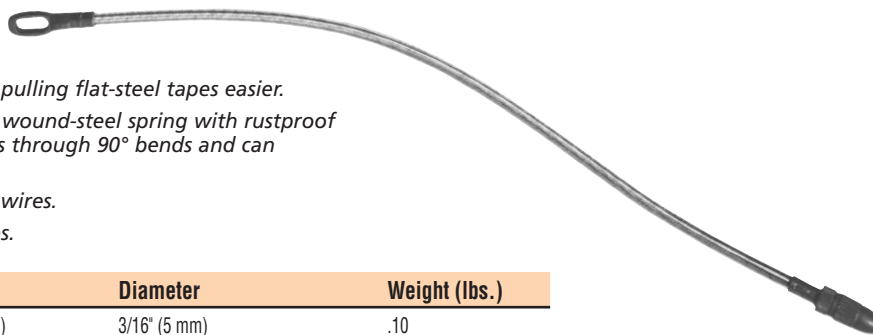


Cat. No.	Length	Diameter	Weight (lbs.)
50351	1-1/2" (38 mm)	3/16" (5 mm)	.03

50351

Fish-Tape Leader

- Flexible leader makes pushing and pulling flat-steel tapes easier.
- Heavy-duty 3/16" (5 mm) diameter wound-steel spring with rustproof inner steel cable will lead flat tapes through 90° bends and can withstand 500-lb. pull.
- Holds up to five No. 12 unstripped wires.
- Holds up to seven No. 10 bare wires.



Cat. No.	Length	Diameter	Weight (lbs.)
50350	13-1/2" (343 mm)	3/16" (5 mm)	.10

50350

Grip-It® Fish-Tape Puller

- For flat-steel or stainless steel fish tape.
- Compact size — fits in your pocket.
- HI-VIZ Yellow makes it easy to spot on the job.
- Precision metal die-cast body provides a lightweight, rugged, and durable grip that comfortably fits in your hand, even with gloves.



Cat. No.	Weight (lbs.)
50355	.33

50355

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

▲WARNING: Wear approved eye protection when feeding, pulling or rewinding fish tape.

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

▲WARNING: Do NOT use any fish tape on or near live circuits. Use extreme caution when working near any electrical equipment.

▲WARNING: Use a safe work position to avoid loss of balance when using fish tape.

Wire-Pulling Lubricants

- Thick, creamy, yellow, wax-base formula.
- Dries to a slippery film. Will not dry out in covered containers, non-combustible and non-conductive when dry.
- Freezes at 28°F (-2°C), but withstands normal temperature extremes, including as many as three freeze-thaw cycles.
- Non-toxic to skin and will not stain skin or clothing.
- Will not corrode metals and will not damage insulation.
- Suitable for use with wire or cable covered with rubber (R, RH, etc.), neoprene, nylon, polyvinyl (T, TW, THW, etc.), and high-density and cross-linked polyethylene plastics.
- NOT FOR USE ON LOW-DENSITY POLYETHYLENE.
- Can be used in plastic conduit (PVC, high-impact styrene), zinc-coated steel, aluminum, bituminized fiber, asbestos-cement, or copper raceways.

Cat. No.	Container	Weight (lbs.)
51000	one-quart squeeze bottle	2.20
51002	one-gallon pail	8.30
51003	five-gallon pail	44.60

UL listed. Certified to CSA standard C22.2 No. 249. Not to be used on CPE Jackets. For additional information, read the Material Safety Data sheet for this product located on www.kleintools.com.



51000

▲WARNING: Compound is water based, and thus, is electrically conductive before it dries. Do not use wet product on live circuits.

Conduit Tools

Side-Cutting Pliers – Fish-Tape Pulling

- Quickly and easily pulls 1/8" or 1/4" flat-steel fish tape without damaging the tape.
- 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.



D213-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NETP	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.06
Journeyman Series – Dual-material handles									
J213-9NETP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.11
2000 Series* – Heavy-duty cutting knives									
D2000-9NETP	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.09
Journeyman 2000 Series* – Dual-material handles									
J2000-9NETP	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/14" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.14

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

Conduit Pliers – Locknut and Reaming

- Tightens 1/2" (13 mm) and 3/4" (19 mm) EMT or 1/2" (13 mm) rigid locknuts.
- Fits liquid tight fittings and caps.
- Reams and smooths both inside and outside of conduit.
- Knurled jaws at nose tip pull wire or fish tape.
- Machined nose fits snugly into locknut wings.



D333-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D333-8	7-3/4" (197 mm)	1-5/8" (41 mm)	15/16" (24 mm)	1/2" (13 mm)	3/16" (4.8 mm)	plastic-dipped	yellow	.55

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

▲WARNING: Do NOT use with power tools.

▲WARNING: Always wear approved eye protection.

▲WARNING: Use a safe work position to avoid loss of balance when using fish tape.

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



Conduit Tools

Conduit-Fitting Screwdriver

- Hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach screws like those in conduit fittings.



19360

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
19360	3/8" (9.5 mm)	1" (25 mm)	5- 11/32" (153 mm)	.24

Conduit Reamer

- Locks onto screwdrivers; reams and smooths thin-wall conduit.
- Reams ID and OD at the same time.
- Two set-screws to fit round- or square-shank screwdrivers.
- Fits up to 3/8" (10 mm) keystone-tip screwdrivers.
- NOT for use on power tools.



19352

⚠WARNING: Do NOT use conduit reamer with power tools.

Cat. No.	Conduit Capacity	Weight (lbs.)
19352	1/2", 3/4", 1"	.16
19351	replacement blade for 19352	.01

Conduit-Fitting and Reaming Screwdriver

- Hooded-blade design keeps tip from slipping out of screws, especially when tightening hard-to-reach conduit fittings. Thicker hood is designed for rugged use.
- Reams and smooths 1/2" (13 mm), 3/4" (19 mm), and 1" (25 mm) thin-wall conduit ends to protect wire and permit correct installation of fittings.
- Reams both the inside and outside of the conduit at the same time.
- Longer Cushion-Grip handle provides comfort and more torque for reaming.
- Replaceable reaming blade is now held in place with a 1/16" hex socket set screw.



85191

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
85191	3/8" (10 mm)	2-1/2" (64 mm)	7-1/2" (191 mm)	.55
19353	conduit reamer replacement blade kit			.01

Klein's Benfield® Benders

Features:

Steel handles for high-strength.

HI-VIZ® yellow handles, are easy to spot on the jobsite.

Rugged, malleable iron construction.

Wide range of sizes and models for EMT, aluminum, rigid pipe, IMC.

Cast in degree scale won't wear off.

Numbers and benchmark symbols are large, bold, and easy-to-see.



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

⚠WARNING: Always wear approved eye protection.

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

Klein's Benfield® Benders



51212

Additional Features:

- Fixed-radius, one-sweep design permits pinpoint precision even by inexperienced users.
- Easy-to-read, cast-in, benchmark symbols and offset-degree scales on opposite sides.
- Countersunk, painted arrow and star to indicate beginning and back-of-bend locations.
- Cat. No. 51201 (for 1/2" (13 mm) EMT only) also has 45° bend center-marker and cast-in offset formula in addition to themultipliers.
- Eliminates the need for costly, pre-formed elbows.

Cat. No.	Description	EMT	Rigid	Radius	Weight (lbs.)
51201	bender head only	1/2" (13 mm)	—	4" (102 mm)	2.30
51211	conduit bender head (Cat. No. 51201) with handle (Cat. No. 50473)	1/2" (13 mm)	—	4" (102 mm)	5.80
51202	bender head only	3/4" (19 mm)	—	5" (127 mm)	3.90
51212	conduit bender head (Cat. No. 51202) with handle (Cat. No. 50473)	3/4" (19 mm)	1/2" (13 mm)	5" (127 mm)	9.90
51203	bender head only	1" (25 mm)	3/4" (19 mm)	7" (178 mm)	6.10
51213	conduit bender head (Cat. No. 51203) with handle (Cat. No. 50474)	1" (25 mm)	3/4" (19 mm)	7" (178 mm)	12.10

Klein's Benfield® Powr-Jack® Benders



51205

Additional Features:

- Easy to read cast-in, benchmark symbols.
- Features a two-position booster step that makes it possible to bend up to 1-1/4" (32 mm) EMT, and 1" (25 mm) Rigid and IMC without expensive power tools.
- Eliminates the need for costly, pre-formed elbows.

Cat. No.	Description	Thinwall Conduit (EMT)	Rigid Conduit	IMC	Radius	Weight (lbs.)
51205	bender head	1" (25 mm)	3/4" (19 mm)	—	17" (178 mm)	6.50
51206	bender head	1-1/4" (32 mm)	1" (25 mm)	1" (25 mm)	10" (254 mm)	16.50

Klein's Benfield® Short-Radius Combination Bender



51209

Additional Features:

- Two tools in one – eliminates need to carry an extra size.
- Quickly bends either 1/2" (13 mm) or 3/4" (19 mm) thinwall conduit.

Cat. No.	Description	Thinwall Conduit (EMT)	Rigid Conduit	Radius	Weight (lbs.)
51209	bender head	1/2" (13 mm) and 3/4" (19 mm)	1/2" (13 mm)	3" (76 mm) for 1/2" EMT, 4" (102 mm) for 3/4" EMT and 1/2" rigid	4.95

Bender Handles



50473

- Three sizes and three lengths provide the proper leverage for use with all Klein's Benfield® benders.
- High-strength, galvanized enlarged steel handles are threaded at one end.
- Informative bending guide on every handle.

Cat. No.	Description	Weight (lbs.)
50473	bender handle only; fits Klein-Benfield® benders: 51201, 51202, 51209	3.50
50474	bender handle only; fits Klein-Benfield® benders: 51203, 51205	6.00
50475	bender handle only; fits Klein-Benfield® bender: 51206	8.90

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

⚠WARNING: Always wear approved eye protection.

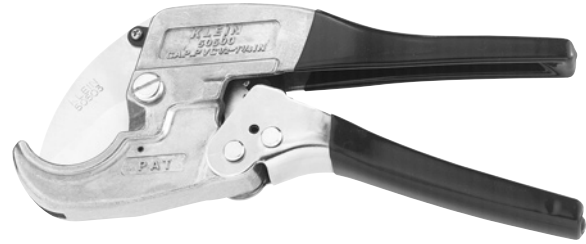


PVC-Cutters

Ratcheting PVC-Cutter

- Makes clean, burr-free cuts through PVC.
- High-leverage ratchet-action for maximum cutting power.
- Special heat-treated blades stay sharp longer and reduces pipe deformation.

Cat. No.	PVC Cutting Capacity	Length	Weight (lbs.)
50500	1/2" - 1-1/4"	9" (229 mm)	1.10
50503	50500 replacement blade		.20



50500

Ratcheting PVC-Cutter

- Makes clean, burr-free cuts through PVC.
- High-leverage ratchet-action for maximum cutting power.
- Special heat-treated blades stay sharp longer and reduce pipe deformation.

Cat. No.	PVC Cutting Capacity	Length	Weight (lbs.)
50501	1/2" - 2"	16-1/2" (419 mm)	2.60
50504	50501 replacement blade		.55



50501

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

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT use to cut metallic pipes or cable wire.

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

▲WARNING: Do NOT cut cold PVC.

Personal Protective Equipment & Safety Products

Helping employers provide a safe jobsite is a major priority of Klein Tools. That's why Klein provides personal protective equipment and safety products to help guard against occupational hazards. Klein has products to help safeguard against a wide variety of risks.

FOR PROFESSIONALS... SINCE 1857®



Personal Protective Equipment & Safety Products



Protective Eyewear

Features:

Temple-end holes for easy lanyard attachment.

Adjustable temple lengths provide a customized fit.

Permanently bonded anti-fog coating minimizes lens fogging in almost any environment.

Permanently bonded anti-scratch coating for superior scratch resistance.

Permanently bonded anti-UV coating blocks 99.9% of UVA and UVB radiation.



Protective Eyewear – Standard

Additional Features:

- Wrap-around polycarbonate lens for clear peripheral vision and protection.
- Frame and lens ventilation channel reduces lens moisture build-up and fogging.
- Soft, flexible nosepiece provides snug non-slip fit.
- Soft, comfortable brow-guard for impact energy absorption.
- Lens available in clear and brown tint. Brown tinted lens for outdoor use, meets traffic signal color recognition of ANSI Z80.3-1996.



60053

Cat. No.	Frame Color	Lens Color	Weight (lbs.)
60053	black	clear	.15
60054	royal blue	clear	.15
60055	black	brown tint	.15

Protective Eyewear – Frameless

Additional Features:

- Frameless, wrap-around polycarbonate lens for unobstructed vision and coverage.
- Lightweight, frameless design for all-day comfort.
- Easy-fitting universal molded-in nosepiece.
- Lens available in clear and brown tint. Brown tinted lens for outdoor use, meets traffic signal color recognition of ANSI Z80.3-1996.



60056

Cat. No.	Frame Color	Lens Color	Weight (lbs.)
60056	black	clear	.15
60057	black	brown tint	.15



Protective Eyewear

Protective Eyewear – Full Frame

Additional Features:

- Contemporary wrap-around polycarbonate lens for exceptional coverage and vision.
- Unique lens styling with side shield and brow bridge for protection.
- Easy-fitting universal molded-in nose piece.
- Lens available in clear only.



60058

Cat. No.	Frame Color	Lens Color	Weight (lbs.)
60058	black	clear	.15

Personal Protective Equipment

Full Face Shield

- All-plastic construction.
- High-impact, full-front cap and chin guard for extra protection.
- Free-floating ratchet head gear with full-tension adjustment and sweat band for added comfort.
- Anti-warp design resists dimensional distortion from heat and moisture.
- Ample internal window clearance.
- Big window extends past ears, providing wide-angle protection.
- Window is made of clear, tough acetate and mounts on keyhole studs which allow easy replacement.
- Meets ANSI Z87.1, 1989 and CSA Z94.3.



60060

Cat. No.	Description	Weight (lbs.)
60060	face shield with chin guard; window dimensions: 19-1/2" W x 6-1/2" H (495 mm x 165 mm)	1.45
60061	replacement window for Cat. No. 60060 face shield	.25

Protective Goggles

- General-purpose cover-type protective goggles of soft vinyl plastic.
- Comfortable and shaped to conform to facial contours.
- Fits easily over personal glasses.
- Top and bottom edges perforated for direct ventilation.
- Lightweight adjustable elastic strap.
- Meets ANSI Z87.1, 1989 and CSA Z94.3.



60040

Cat. No.	Description	Weight (lbs.)
60040	clear, one-piece .060" acetate lens	.25
60041	replacement lens for Cat. No. 60040	.05

Disposable Dust Masks

- Comfortable, full-size mask keeps dust out, lets air in freely for dependable protection and easy breathing.
- For use around grinding and sanding operations, drilling in plaster or cement, cleaning dusty areas, and similar applications.
- Double-absorbent filter material is non-allergenic.
- Elastic band and soft, flared edges make for a comfortable fit.
- Metal nose piece conforms to fit snugly around facial contours.
- Mask stands out away from nose and mouth, and won't collapse when wet from use or humidity.



60080

Cat. No.	Description	Weight (lbs.)
60080	box of 50 disposable dust masks	.01

⚠️WARNING: These masks are NOT SUITABLE for use against toxic or hazardous air contaminants. If there is any doubt, consult an industrial hygienist.

All dimensions are in inches and (millimeters).



Personal Protective Equipment

Hard Caps & Liners

- High-density polyethylene hard caps meet ANSI Z89.1–1986 specifications for Class A, B, and C applications.
- Unique nape strap holds hat firmly in place.
- Washable, shrink-and stretch-proof straps and bands.
- Porous brow pad promotes ventilation for comfort.
- Caps adjust to fit all sizes.
- Full 6-point headgear suspension.
- Headband clips help hold goggles in place over eyes or on front of cap.
- Rain trough helps keep neck dry.
- Slots at sides for attaching Cat. No. 60060 face shield and other protective gear.
- Cotton-twill cap liner has orlon-pile lining for warmth.
- Washable, pre-shrunk, and flame retardant.
- Non-metallic Velcro® fasteners and adjustable chin straps.



60010

Cat. No.	Description	Weight (lbs.)
60009	white hard cap with headgear	.85
60010	yellow hard cap with headgear	.85
60011	blue hard cap with headgear	.85
60015	winter hard-cap liner, one size fits all	.15

Replacement Components for Hard Caps

Cat. No.	Description	Weight (lbs.)
C60012	chin strap	.05
60013	6-point suspension for Cat. Nos. 60009, 60010, 60011	.15

Velcro® is a registered trademark of Velcro Industries.

Gloves

Deerskin Work Gloves

- Premium deerskin, soft and form-fitting for maximum comfort.
- Gunn cut with seams away from wear surfaces.
- Inseam index finger.
- Shirred-elastic wrist back.
- Natural light-tan color.



40022

Cat. No.	Size	Weight (lbs.)
40020	small	.20
40021	medium	.22
40022	large	.23

Deerskin Work Gloves - Lined

- Premium deerskin, soft and form-fitting for maximum comfort.
- Gunn cut with seams away from wear surfaces.
- Inseam index finger.
- Sheep-like pile lining.
- Shirred-elastic wrist back.
- Natural light-tan color.



40017

Cat. No.	Size	Weight (lbs.)
40016	medium	.36
40017	large	.38
40018	extra large	.41



Cowhide Driver's Gloves

- Tough, durable, sueded cowhide **leather**.
- Easy-action thumb – unique design allows **leather** to conform to your thumb and hand.
- Gunn cut with seams away from wear surfaces.
- Lap-seam index finger and shirred-elastic wrist back.
- Gray color.

Cat. No.	Size	Weight (lbs.)
40003	small	.30
40004	medium	.40
40006	large	.43



40006

Cowhide Driver's Gloves – Lined

- Tough, durable, sueded cowhide **leather**.
- Thermolite® lining for warmth.
- Gunn cut with seams away from wear surfaces.
- Shirred-elastic wrist for snug fit.
- Gray color.

Cat. No.	Size	Weight (lbs.)
40014	large	.47
40015	extra large	.51



40014

Medium-Cuff Gloves

- Heavy sueded **leather**.
- Full **leather** fingers, palm, and pull.
- Gunn cut with seams away from wear surfaces.
- Wing thumb, seamless index finger, elastic wrist-back strap.
- Rubberized, waterproof cuff 2-1/2" (63.5 mm) long.
- Palm and fingers have sewn-in lining.
- Pearl-gray **leather**, striped-blue cuff.

Cat. No.	Size	Weight (lbs.)
40008	large	.48



40008

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



Gloves

Heavyweight Jersey Gloves

- Soft, comfortable, general-purpose gloves.
- Made of 100% cotton jersey.
- Cat. No. 40002 has a knit wrist.
- Cat. No. 40001 has a fleece lining and an open cuff.
- Dark-brown color.

Cat. No.	Size	Weight (lbs.)
40002	fits most hand sizes	.15
40001	lined version – fits most hand sizes	.16



40002

Safety Products

Lockouts with Interlocking Tabs

- Specifically designed for locking cut power sources such as disconnects, switches, and panel boxes.
- Double interlocking hasp of tempered steel with patented interlocking tabs for extra security.
- Hasps are bright zinc-plated.
- Riveted construction.
- Six-hole locking bodies coated with red vinyl plastic.
- Holes will accept up to 5/16" (8 mm) diameter shackles.



45201

Cat. No.	Closed Hasp I.D.	Weight (lbs.)
45200	1" (25 mm)	.200
45201	1-1/2" (38 mm)	.250

▲WARNING: Use only in accordance with OSHA requirements.

Barricade and Warning Tapes

- Bold, black lettering on bright, long-lasting color backgrounds.
- Yellow background for CAUTION/CAUTION tape.
- Red background for CAUTION–BURIED ELECTRIC LINE tape.
- Made of tough, heavy-gauge (4 mil) polyethylene.
- Highly resistant to acids, alkalis, and other soil components.
- Tapes are 3" (76 mm) wide, and are available in either 200' or 1000' rolls.



58000

Cat. No.	Description	Width	Length	Weight (lbs.)
58000	CAUTION /CAUTION legend with black letters on bright-yellow background	3" (76 mm)	200' (61 m)	.900
58001	CAUTION /CAUTION legend with black letters on bright-yellow background	3" (76 mm)	1000' (305 m)	3.600
58002	CAUTION – BURIED ELECTRIC LINE legend with black letters on bright-red background	3" (76 mm)	200' (61 m)	.800
58003	CAUTION – BURIED ELECTRIC LINE legend with black letters on bright-red background	3" (76 mm)	1000' (305 m)	3.500

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



Tool Pouches, Carriers, Belts & Suspenders

Just as Klein offers a variety of tools designed for specific needs, Klein offers a variety of tool pouches, carriers, belts, and suspenders that suit virtually every preference and need.

FOR PROFESSIONALS... SINCE 1857®



Tool Pouches, Carriers,
Belts & Suspenders



Tool Pouches

7-Pocket Tool Pouch

- Soft, pliable, white **leather**.
- Moisture-resistant to retain flexibility even after being wet and dried.
- Riveted to assure long life.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5166	7	chain tape thong	tunnel loop	2-1/4" (57 mm)	7" x 9-1/2" (178 mm x 241 mm)	.92



5166

8-Pocket Tool Pouch

- Soft, pliable, white **leather**.
- Roomy pouch for electricians, service men, and maintenance workers.
- Riveted and stitched for extra durability.
- Heavy-duty chain tape thong securely fastened with a rivet.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5178	8	knife snap, chain tape thong, metal tape measure holder	tunnel loop	2-1/2" (64 mm)	11" x 10" (279 mm x 254 mm)	1.03



5178

Single-Pocket Tool Pouch

- **Leather** construction.
- Perfect for carrying pliers and other tools in the hip pocket.
- Prevents wear and tearing of clothes, discomfort, and possible injury.
- Riveted to assure long life.

Cat. No.	Pockets (Total Number)	Overall Size	Weight (lbs.)
5111	1	4-1/2" x 7" (114 mm x 178 mm)	.23



5111

Strap-Leather Bag

- **Leather** construction.
- Soft, pliable **leather** gussets allow expansion to 3-1/4" (83 mm).

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Depth	Weight (lbs.)
5140K	latigo thongs	up to 3" (76 mm) wide	7" (178 mm)	9" (229 mm)	3-1/4" (83 mm)	.65



5140K

All dimensions are in inches and (millimeters).



Single-Pocket Small-Tool Pouch

- **Leather** construction.
- A convenient means of keeping track of small, easily lost tools.
- Can be hooked on belt or slipped in almost any pocket.
- Riveted and stitched for extra durability.

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5175	1	flap snaps back to form loop	3" (76 mm)	4-3/4" x 7" (121 mm x 178 mm)	.30



5175

3-Pocket Utility Pouch

- **Leather** construction.
- Features 1" (25 mm) reinforced gusset.
- Has 2" (51 mm) outside pockets.
- Riveted and stitched for extra durability.

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5145	3	tunnel	1" (25 mm)	5-1/4" x 7" (133 mm x 178 mm)	.46



5145

4-Pocket Tool Pouch

- **Leather** construction.
- Riveted and stitched for extra durability.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5119	4	knife snap	slotted	2" (51 mm)	6-1/2" x 8-1/2" (165 mm x 216 mm)	.39



5119

5-Pocket Tool Pouches

- Cat. No. 5125 is constructed of # 4 canvas, **leather** back, pockets and loops.
- Cat. No. 5125L is constructed of **leather**.
- General-purpose pouches.
- Slotted-**leather** tape thong (allows easy removal of 1" I.D. tape rolls).
- Riveted and stitched for extra durability.



5125



5125L

Cat.No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5125	5	leather tape thong	loops	2-1/4" (57 mm)	7-1/2" x 8-1/2" (191 mm x 216 mm)	.63
5125L	5	leather tape thong	loops	2-1/4" (57 mm)	7-1/2" x 8-1/2" (191 mm x 216 mm)	.75



Tool Pouches

5-Pocket Tool Pouch

- **Leather** construction.
- *Riveted to assure long life.*

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5126	5	knife snap	slotted	2" (51 mm)	6" x 8-3/4" (152 mm x 222 mm)	.74



5126

5-Pocket Tool Pouch

- **Leather** construction.
- *Curved to fit the hip for added comfort.*
- *Riveted to assure long life.*

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5150	5	knife snap	slotted	2-1/4" (57 mm)	8-1/2" x 9-1/4" (216 mm x 235 mm)	.60



5150

6-Pocket Tool Pouches

- **Leather** construction.
- *Riveted to assure long life.*



5127



5127T

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5127	6	knife snap	slotted	2" (51 mm)	7" x 10" (178 mm x 254 mm)	.79
5127T	6	knife snap	tunnel loop	2-1/2" (64 mm)	7" x 10" (178 mm x 254 mm)	.87

6-Pocket Tool Pouches

- **Leather** construction.
- *Extra-spacious tool carrier.*
- *Contoured to fit the hip for added comfort.*
- *Riveted to assure long life.*
- *Heavy-duty chain tape thong securely fastened with a rivet.*



5168



5168T

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5168	6	knife snap, metal tape thong	slotted	2" (51 mm)	9" x 11" (229 mm x 279 mm)	1.00
5168T	6	knife snap, metal tape thong	tunnel	2-1/2" (64 mm)	9" x 11" (229 mm x 279 mm)	1.10

All dimensions are in inches and (millimeters).



8-Pocket Extra-Capacity Tool Pouch

- **Leather** construction.
- Extra-capacity multi-purpose pouch.
- Stitched and riveted.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5162T	8	knife snap, leather tape thong	tunnel loop	3" (76 mm)	8-1/2" x 10-3/4" (216 mm x 273 mm)	1.71



5162T

8-Pocket Tool Pouches

- **Leather** construction.
- Provides space for a large number of tools.
- Riveted to assure long life.



5164



5164T

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5164	8	knife snap	slotted	2" (51 mm)	6-3/4" x 9-3/4" (171 mm x 248 mm)	1.16
5164T	8	knife snap	tunnel loop	2-1/2" (64 mm)	6-3/4" x 9-3/4" (171 mm x 248 mm)	1.21

10-Pocket Tool Pouch

- **Leather** construction.
- Riveted and stitched.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5165	10	knife snap	slotted	2" (51 mm)	10" x 10" (254 mm x 254 mm)	1.26

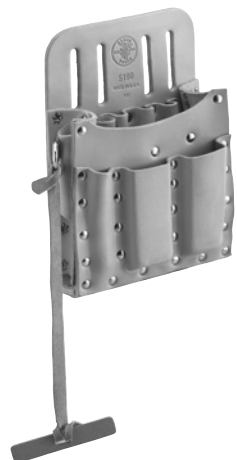


5165

10-Pocket Tool Pouch

- **Leather** construction.
- Versatile pouch favored by many telephone installers.
- Riveted throughout to assure long life.
- Ten separate compartments with places for a wide variety of pliers, screwdrivers, and other tools.
- Slotted-**leather** tape thong (allows easy removal of 1" I.D. tape rolls).

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5190	10	leather tape thong	slotted	1-3/4" (44 mm)	6" x 8-3/4" (152 mm x 222 mm)	.75



5190



Tool Pouches

11-Pocket Tool Pouch

- **Leather** construction.
- Multi-pocketed pouch made for electricians and other professionals.
- Soft, pliable, and moisture-resistant to retain flexibility even after being wet and dried.
- Riveted and stitched.
- Stainless steel power-return tape holder clip (accommodates from 8' to 30' tapes).
- Heavy-duty chain tape thong securely fastened with a rivet.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5167	11	knife snap, chain tape thong, metal tape measure holder	slotted	2-3/4" (70 mm)	10" x 10-1/2" (254 mm x 267 mm)	1.43



5167

All-Purpose Bag

- Durable, **leather** bag is ideal for carrying loose tools and small parts.
- Adjustable belt strap for attaching to belts.

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Depth	Weight (lbs.)
5146	belt strap	up to 3" (76 mm) wide	9" (229 mm)	8" (203 mm)	3" (76 mm)	.60



5146

Extra-Large Canvas Utility Bag

- Heavy No. 8 natural canvas.
- Includes interior pocket.
- Inside bottom is reinforced with tough, tanned **leather**.
- Ventilating eyelet in bottom.
- Formed-top opening for easy access.
- Metal snaps provided on loops for easy attachment to belts up to 3" (76 mm) wide.

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Depth	Weight (lbs.)
5141P	loops	up to 3" (76 mm) wide	10" (254 mm)	12" (305 mm)	5" (127 mm)	.88



5141P

Canvas Utility Bags

- Heavy No. 8 natural canvas.
- Top edge reinforced with 1/4" (6 mm) rope.
- Metal snaps provided on loops for easy attachment to belts up to 3" (76 mm) wide.
- Ventilating eyelet in bottom.
- Cat. No. 5142P version includes interior pocket.

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Top Diameter	Weight (lbs.)
5142	loops	up to 3" (76 mm) wide	9" (229 mm)	10" (254 mm)	8" x 3" (203 mm x 76 mm)	.60
5142P	loops	up to 3" (76 mm) wide	9" (229 mm)	10" (254 mm)	8" x 3" (203 mm x 76 mm)	.65



5142

All dimensions are in inches and (millimeters).



Water-Repellent Canvas Pouches

- One-piece tan 12-oz. water-repellent mildew resistant canvas.
- Top edge reinforced with 1/4" (6 mm) rope.

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Top Diameter	Weight (lbs.)
5179	loops	up to 4-1/2" (114 mm) wide	7-1/2" (191 mm)	3-1/2" (89 mm)	7" (178 mm)	.30
5179S	snap	up to 4-1/2" (114 mm) wide	7-1/2" (191 mm)	3-1/2" (89 mm)	7" (178 mm)	.30



5179

Bull-Pin and Bolt Bags

- No. 4 canvas or **leather** with double bottom.
- Bolt bag with bull-pin loop on each side.



5416L



5416

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Depth	Weight (lbs.)
Canvas						
5416	loops	up to 3" (76 mm) wide	5" (127 mm)	9" (229 mm)	10" (254 mm)	.85
5416T	tunnel	up to 3" (76 mm) wide	5" (127 mm)	9" (229 mm)	10" (254 mm)	.90
Leather						
5416L	loops	up to 3" (76 mm) wide	5" (127 mm)	9" (229 mm)	10" (254 mm)	1.10

Leather Bolt Bag

- **Leather** construction.
- Bolt bag with bull-pin loop on each side.

Cat. No.	Belt Connection	Belt Capacity	Length	Width	Depth	Weight (lbs.)
42247	tunnel	up to 3" (76 mm) wide	5" (127 mm)	8-1/2" (216 mm)	8-1/2" (216 mm)	.75



42247



Tool Combination Aprons

One-Piece Nail/Screw and Tool-Pouch Apron



- **Leather** construction.
- Versatile, roomy double-pouch apron for construction workers, carpenters, and other professionals.
- Double-pouch design allows unrestricted leg movement.
- Apron is reinforced throughout with rust-proof rivets.
- Heavy-duty 2-1/4" (57 mm) wide web belt has army-style buckle, snap, and slides.
- The large pockets and nailbolt pockets have rolled-over, doubled edges for long wear.
- Four slots for punches or nail sets.
- Two heavy hammer loops.
- Riveted and stitched for extra durability.

42242

Cat. No.	Pockets (Total Number)	Size Adjustable	Weight (lbs.)
42242	10	32" - 48" (813 mm - 1219 mm)	1.81

Nail/Screw and Tool-Pouch Combinations

- **Leather** construction.
- Large pockets have rolled-over doubled edges for extra-long life.
- All pouches slide along belt for convenient working position.
- Left- and right-hand nail-and-tool pouches.
- Fully adjustable poly-web belt (32" - 48").
- Tape-rule holder for 20' and 25' tape measures with belt clips.
- Heavy hammer loops.



42244

Cat. No.	Description	Weight (lbs.)
42244	complete combination: belt (Cat. No. 5225 mm), left-hand (Cat. No. 42246 mm) and right-hand (Cat. No. 42245 mm) nail-and-tool pouches, and tape-rule holder (Cat. No. 5195 mm)	2.02
42245	right-hand nail-and-tool pouch only. Tunnel loop fits any belt up to 3" (76 mm) width.	.70
42246	left-hand nail-and-tool pouch only. Tunnel loop fits any belt up to 3" (76 mm) width.	.72
5225	poly-web belt only. Adjustable from 32" (813 mm) to 48" (1219 mm). Tunnel loop fits any belt up to 3" (76 mm) width.	.42
5195	tape rule holder only for 20' and 25' tapes.	.18

6-Pocket Nail/Screw and Tool Pouch

- **Leather** construction.
- Heavy hammer-loops on both sides, allowing for convenient use by right- or left-handed workers.
- Riveted and stitched for extra durability.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
42241	6	two hammer loops	tunnel	3" (76 mm)	11" x 11-3/4" (279 mm x 298 mm)	.86



42241

All dimensions are in inches and (millimeters).

⚠ WARNING: The tool belts shown on this page are not occupational protective belts.



Scissors Holder – Tunnel Loop

- **Leather** construction.
- Designed for Klein electrician's scissors, Cat. Nos. 2100-5 and 2100-7.
- Riveted and stitched for extra durability.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5100	tunnel	up to 1-3/4" (44 mm)	3-3/8" x 7-1/4" (86 mm x 184 mm)	.10



5100

Scissors Holder – Slotted

- **Leather** construction.
- Riveted with clip on back for attaching to belt.
- Designed to hold Klein electrician's scissors, Cat. Nos. 2100-5 and 2100-7.
- Riveted to assure long life.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5101	slotted and metal clip	up to 1-1/2" (38 mm)	2" x 7" (51 mm x 178 mm)	.11



5101

Scissors and Cable-Splicer's Knife Holders

- **Leather** construction.
- Specially designed to hold a pair of Klein electrician's scissors (Cat. Nos. 2100-5 or 2100-7), and Cat. No. 44200 cable-splicer's knife.
- Riveted and stitched for extra durability.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5187	slotted	up to 2-1/4" (57 mm)	2" x 7-1/4" (51 mm x 184 mm)	.11
5187T	tunnel	up to 2-1/4" (57 mm)	2" x 7-1/4" (51 mm x 184 mm)	.13



5187

5187T

Lineman's Knife Holder

- **Leather** construction.
- Designed for Klein skinning knives Cat. Nos. 1570-3, 1570-3LR, and 1560-3.
- Riveted to assure long life.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5163	slotted	up to 2" (51 mm)	3-1/2" x 9-3/8" (89 mm x 238 mm)	.21



5163

Knife Holder

- **Leather** construction.
- Designed for utility knives and Klein Cat. Nos. 44100 and 44105.
- Corners riveted and stitched for extra durability.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5185	slotted	up to 2-1/2" (64 mm)	2-5/8" x 8-1/4" (67 mm x 210 mm)	.11



5185



Tool Holders

Pocket-Knife Holder

- **Leather** construction.
- Designed for sportsman knives and Klein Cat. No. 44137.
- Snap closure.
- Corners riveted and stitched for extra durability.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5186	loop on back	up to 2-1/2" (64 mm)	2-1/4" x 5-3/4" (57 x 146 mm)	.18



5186

Cable-Splicer's Knife Holders

- **Leather** construction.
- Designed to hold Cat. No. 44200 cable-splicer's knife.
- Riveted and stitched for extra durability.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5188	slotted	up to 2-1/4" (57 mm)	2-1/8" x 7-3/4" (54 mm x 197 mm)	.08
5188T	tunnel	up to 2-1/4" (57 mm)	2-1/8" x 7-1/4" (54 mm x 184 mm)	.11



5188

5188T

Pliers Holders – Open Bottom

- **Leather** construction.
- Long-nose pliers may protrude through opening at bottom.
- Riveted to assure long life.
- Cat. No. 5107-6 holds 6" (152 mm) or 7" (178 mm) long-nose or diagonal-cutting pliers.
- Cat. No. 5107-9 holds 8" (203 mm) or 9" (229 mm) long-nose or diagonal-cutting pliers.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5107-6	slotted	up to belts up to 2" (51 mm)	3-1/2" x 8-1/2" (89 mm x 216 mm)	.17
5107-9	slotted	up to belts up to 2" (51 mm)	3-3/4" x 11" (95 mm x 279 mm)	.26



5107-6

Pliers Holder – Closed Bottom

- **Leather** construction.
- Nose of pliers does not protrude from closed bottom.
- Bottom is vented to prevent collection of dirt or water.
- Riveted to assure long life.
- Holds 7", 8", or 9" side-cutting pliers.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5112	slotted	up to 2" (51 mm) wide or may be riveted to belt	3-1/4" x 11" (83 mm x 279 mm)	.21



5112

Pliers, Folding Rule, Screwdriver, and Wrench Holder

- **Leather** construction.
- No exposed rivets in back.
- Riveted to assure long life.
- Pockets for 7", 8", and 9" side-cutting pliers, most screwdrivers, 6' folding rules, and open end wrenches from 9/16" to 13/16".
- Nickel plated alloy snap.

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5118C	4	slotted	up to 2" (51 mm)	6-1/2" x 11" (165 mm x 279 mm)	.78



5118C

All dimensions are in inches and (millimeters).



Pliers, Rule, and Screwdriver Holders

- **Leather construction.**
- 3 pockets for pliers, folding rule, and screwdriver.
- S5118PRS has a two-way knife snap.
- Riveted to assure long life.
- Pockets for 7", 8", and 9" side-cutting pliers, most screwdrivers, 6' folding rules, and open end wrenches from 9/16" to 13/16".

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5118PRS	slotted	up to 2" (51 mm)	6-3/4" x 10" (171 mm x 254 mm)	.49
S5118PRS	slotted	up to 2" (51 mm)	6-3/4" x 10" (171 mm x 254 mm)	.56



5118PRS

Pliers and Folding Rule Holders

- **Leather construction.**
- Riveted to assure long life.
- Pockets for 7", 8", or 9" side-cutting pliers and 6-ft. folding rule.

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5118R	2	slotted	up to 2" (51 mm)	4-3/4" x 8" (121 mm x 203 mm)	.43
5118RT	2	tunnel	up to 3-3/4" (95 mm)	4-1/2" x 12-1/2" (114 mm x 318 mm)	.50



5118R

5118RT

Pliers and Screwdriver Holder

- **Leather construction.**
- Riveted to assure long life.
- Pockets for 7", 8", or 9" side-cutting pliers and most screwdriver sizes.

Cat. No.	Pockets (Total Number)	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5118S	2	slotted	up to 2" (51 mm)	4-1/4" x 10-3/4" (108 mm x 273 mm)	.35



5118S

Hammer Holders

- **Leather construction.**
- Heavy-metal hammer loop riveted to panel.
- Riveted and stitched for extra durability.
- Holds all hammers except lineman's.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5456	slotted	up to 2-1/2" (64 mm)	4-5/16" x 7-7/8" (110 mm x 200 mm)	.33
5456T	tunnel	up to 4" (102 mm)	4-5/16" x 10" (110 mm x 254 mm)	.42
5456TS	tunnel	up to 4" (102 mm)	4-5/16" x 10" (110 mm x 254 mm)	.42



5456

5456T

5456TS

Flashlight Holder

- **Leather construction.**
- Designed for a standard two-cell flashlight.
- Riveted to assure long life.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5129	slotted	up to 2-1/4" (44 mm)	3" x 9-1/2" (76 mm x 241 mm)	.22



5129



Tool Holders

Voltage-Tester Holder

- **Leather** construction.
- Holds Voltage Tester Cat. No. 69115 and most standard voltage testers.
- Full top flap with twist-closure keeps tester in holder; keeps out weather and dirt.
- Riveted and stitched for extra durability.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5137	slotted	up to 2 1/4" (57 mm)	3-1/2" x 9-1/2" (89 mm x 241 mm)	.47



5137

Voltage-Tester Holder

- **Leather** construction.
- Designed to hold most standard voltage testers.
- Equipped with a snap to prevent the instrument from falling out of holder.
- Riveted to assure long life.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5138	slotted	up to 2-1/4" (57 mm)	3" x 9-1/2" (76 mm x 241 mm)	.25



5138

Tape-Rule Holders

- **Leather** construction.
- Cut-out sides for easy access to tape.
- Slotted for attaching to belts up to 2-1/2" (63 mm) wide.
- Riveted to assure long life.

Klein Tape-Rule Sizing Guide

Small	Medium	Large
922-12	922-16	922-25
908-12	928-16 HV	928-25 HV
	926-5 WE	922-30
	908-16	908-25
	908-16 RE	908-30
		917-25 RE
		916-25 RE
		916-75 MERE
		916-30 RE



5195

Cat. No.	Description	Overall Size	Weight (lbs.)
5194	holds small-sized power return rules	4" x 6" (102 mm x 152 mm)	.16
5195	holds medium-sized power return rules	4-1/2" x 7" (114 mm x 178 mm)	.18
5196	holds medium-sized power return rules	5" x 7" (127 mm x 178 mm)	.21

Tape-Rule Holder

- **Leather** construction.
- Designed for tape rules equipped with belt clips.
- No need to remove belt or harness; just loop holder over a belt or harness up to 3" wide and snap it closed.
- Stainless steel clip holder accepts most tape clips up to 1-1/4" wide.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5197	tunnel with snaps	up to 4" (102 mm)	2-3/4" x 6" (70 mm x 152 mm)	.19



5197

All dimensions are in inches and (millimeters).



Bull-Pin Holders

- **Leather** construction.
- Holders for Klein bull pins.
- Riveted to assure long life.
- Holds all standard bull pins.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5417	slotted	up to 2" (51 mm)	3-1/4" x 11" (83 mm x 279 mm)	.22
5417T	tunnel	up to 3-1/2" (89 mm)	3-1/4" x 12-1/4" (83 mm x 311 mm)	.32



5417

5417T

Erection Wrench Holders

- **Leather** construction.
- Have tool-slots for two erection wrenches.
- Tunnel loop on Cat. No. 5459T is riveted to assure long life.
- Holds erection wrenches and adjustable head construction wrench Cat. No. 3239.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5459T	tunnel	up to 3-1/2" (89 mm) or to slide over D-rings, buckles, and other accessories	6" x 9-1/2" (152 mm x 241 mm)	.32
5460	slotted	up to 2" (51 mm)	6" x 8-1/2" (152 mm x 216 mm)	.19



5460

5459T

Erection Wrench Holder

- Cotton web tunnel loop and **leather** construction.
- Holds two erection wrenches.
- Riveted to assure long life.
- Holds erection wrenches and adjustable head construction wrench Cat. No. 3239.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5461T	cotton web tunnel	up to 2" (51 mm)	6" x 10" (152 mm x 254 mm)	.26



5461T

Tie-Wire Reel Pad

- Worn on the belt under the Klein tie-wire reel.
- Made of 3/16" (5 mm) thick rigging **leather**.
- Slots accommodate belts up to 2" (51 mm) wide.
- Underside has a sponge-rubber pad to minimize hip fatigue.
- Holds Cat. No. 27400 tie-wire reel.
- To be used with Cat. Nos. 5415 or 5420 belts.

Cat. No.	Length	Width	Weight (lbs.)
27450	7" (178 mm)	7" (178 mm)	.300

Tie-wire reel available on page 206. Ironworker's heavy-duty tie-wire belts available on page 163.



27450

Tape Thong

- **Leather** strap with fiber bar.
- Fits all standard electrical tape rolls.

Cat. No.	Belt Connection	Length	Weight (lbs.)
5130	slotted	12" (305 mm)	.03



5130



Tool Holders

Two-Way Knife Snap

- **Leather** construction.
- Screw-type rivets for easy attachment to belts.

Cat. No.	Belt Connection	Length	Weight (lbs.)
5131	screw rivets	4-1/2" (114 mm)	.10



5131

Snap Loop

- **Leather** construction.
- Designed for tools with hang holes.
- Loop with snap hook for carrying an adjustable wrench, welder's igniter or other tool with hang hole.
- Riveted to assure long life.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5458	slides on	up to 4" (102 mm)	1-1/2" x 8-1/2" (38 mm x 216 mm)	.15



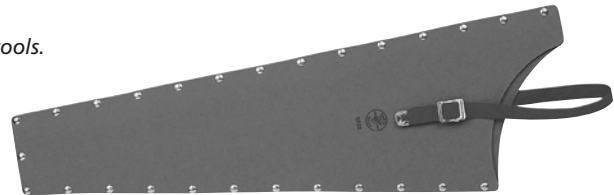
5458

Tool Guards

Tool Guards

- Protect both tool and user with a Klein guard for your edged tools.
- Made of 1/16" (1.6 mm) vulcanized hard fiber, securely riveted and equipped with adjustable web straps to hold the tool.

Cat. No.	Description	Weight (lbs.)
5502	26" (660 mm) hand-saw guard	1.07
5507	pole pruning-saw guard	.40
5508	cable-saw guard	.43
5522	26" (660 mm) curved pruning-saw guard. Will also accommodate shorter lengths	.86



5502

Axe Guard

- Protect both tool and user with a Klein guard for your edged tools.
- Made of 1/16" (1.6 mm) vulcanized hard fiber, securely riveted and equipped with adjustable web straps to hold the tool.

Cat. No.	Description	Weight (lbs.)
5509	axe guard	.22



5509

Splitting-Knife Guards

- Made of **leather**.

Cat. No.	Description	Weight (lbs.)
5574L	leather splitting or chipping-knife guard. Fits Klein knife, Cat. No. 1515-1	.13
5574S	leather splitting or chipping-knife guard. Fits Klein knife, Cat. No. 1515-S	.05



5574L



5574S

All dimensions are in inches and (millimeters).



Features:

Constructed of double layered 1000 denier Dupont Cordura® Plus Nylon.

Double nylon-stitched and rivet reinforced for extra durability.

Lightweight and comfortable in warm climates, soft and pliable in cold climates.

Oversized pockets and reinforced bottom for extra carrying capacity, as well as durability.

PowerLine™ Series

Exceptional resistance to abrasion, punctures, and tearing.

No break-in period; naturally forms and hugs the body, making it easy to wear for everyday use.

Heavy-duty, nylon webbing.

Washable.



Tool Pouches, Carriers, Belts & Suspenders

Tool Pouches

PowerLine™ Series



5700



5701



5702



5703

Cat. No.	Pockets (Total Number)	Overall Size	Weight (lbs.)
5700	9	11" x 12" (279 mm x 305 mm)	.92
5701	8	11" x 12" (279 mm x 305 mm)	.83
5702	2	11" x 12" (279 mm x 305 mm)	.64
5703	3	11" x 12" (279 mm x 305 mm)	.75
5718	8	11" x 12" (279 mm x 305 mm)	.74
5719	19	11" x 12" (279 mm x 305 mm)	.87



5718



5719

All dimensions are in inches and (millimeters).



PowerLine™ Series

Closeable Pouch **PowerLine™ Series**

Additional Feature:

- Closeable pouch helps protect supplies and tools.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5714	tunnel	up to 2-1/4" (57 mm)	7-1/2" x 6-3/4" (190 mm x 171 mm)	.24



5714

Hammer Holder **PowerLine™ Series**

Additional Feature:

- Heavy-metal hammer loop riveted for strength.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5706	tunnel	up to 2-1/4" (57 mm)	4-1/8" x 5" (105 mm x 127 mm)	.19



5706

Tape Measure Holder **PowerLine™ Series**

Additional Features:

- Holds most tape measures with belt clips.
- Rust-resistant metal clip riveted for strength.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5707	tunnel	up to 2-1/4" (57 mm)	4-1/8" x 3-3/4" (104 mm x 95 mm)	.10



5707

Multi-Purpose Holder **PowerLine™ Series**

Additional Feature:

- Holds a flashlight, cellular phone, or electrical tester.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5708	tunnel	up to 2-1/4" (57 mm)	3-1/4" x 8-1/2" (83 mm x 216 mm)	.13



5708

Tape Measure Pouch **PowerLine™ Series**

Additional Features:

- Holds most 35-foot tape measures, fasteners, nails, or wire nuts.
- Two inside elastic loops fit screwdrivers, pencils, markers, etc.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5712	tunnel	up to 2-1/4" (57 mm)	8-1/4" x 4-1/2" (210 x 114 mm)	.24



5712

All dimensions are in inches and (millimeters).



Flashlight Holder **PowerLine™ Series**

Additional Features:

- Accommodates most "D" cell size battery flashlights up to 1-7/8" in diameter.
- Heavy-duty, 1-1/2" wide nylon webbing for extra strength.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5713	tunnel	up to 2-1/4" (57 mm)	4-1/4" x 2-3/8" (108 mm x 60 mm)	.06



5713

Mobile Phone Holders **PowerLine™ Series**

Additional Features:

- Fits most mobile phones.
- Metal belt clip for simple mounting and removal from belts up to 2" wide.
- Closable flap features genuine Velcro® brand touch fastener.
- Closed bottom for convenient storage.

Cat. No.	Size	Length	Width	Weight (lbs.)
5715S	small	4-1/2" (114 mm)	2-5/8" (67 mm)	.10
5715M	medium	5-1/2" (140 mm)	2-5/8" (67 mm)	.11
5715	large	6-1/2" (165 mm)	3-5/8" (92 mm)	.14

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



5715M

Utility Knife Holder **PowerLine™ Series**

Additional Feature:

- Holds standard utility knife or other small tools.

Cat. No.	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5716	tunnel	up to 2-1/4" (57 mm)	7-3/4" x 2-1/2" (197 mm x 64 mm)	.15



5716

Web Work Belt **PowerLine™ Series**

- Adjustable belt – fits waist sizes up to 54".
- Heavy-duty, 2" wide nylon webbing for extra strength.
- Accommodates tunnel loop and slotted tool pouches and holders.
- Rugged metal buckle for quick release and adjustment.

Cat. No.	Size	Width	Weight (lbs.)
5705	one size fits all	2" (51 mm)	.56



5705

Padded Tool Belts **PowerLine™ Series**

Additional Features:

- 5" cushioned pad for stability and comfort.
- Tapered front for comfort while bending.
- Heavy-duty 2" wide nylon web belt with rugged metal buckle.

	Cat. No.	Size	Width	Weight (lbs.)
NEW!	5704S	28" – 32" (711 mm – 813 mm)	2" (51 mm)	.90
	5704M	32" – 36" (813 mm – 914 mm)	2" (51 mm)	.95
	5704L	36" – 40" (914 mm – 1016 mm)	2" (51 mm)	1.00
	5704XL	40" – 44" (1016 mm – 1118 mm)	2" (51 mm)	1.05
	5704XXL	44" – 48" (1118 mm – 1219 mm)	2" (51 mm)	1.10



5704L

All dimensions are in inches and (millimeters).

▲WARNING: This is NOT an occupational protective belt.

▲WARNING: NOT for fall arrest or back support.



PowerLine™ Series

Padded Suspenders **PowerLine™ Series**

Additional Features:

- Fully adjustable length – front & back.
- Heavy-duty, 1-1/2" wide nylon web strap for extra strength and long wear.
- Convenient fastening system features genuine VELCRO® brand touch fasteners.
- Heavy-duty padding for user comfort.



5717

Cat. No.	Size	Weight (lbs.)
5717	one size fits most	.84

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

4-Piece Combo Sets **PowerLine™ Series**

Set consists of the following pieces:

- 8-Pocket Tool Pouch (Cat. No. 5701).
- 3-Pocket Utility Pouch (Cat. No. 5703).
- Hammer Holder (Cat. No. 5706).
- Padded Tool Belt (Cat. No. 5704).



5709L

Cat. No.	Size	Width of Belt	Weight (lbs.)
5709M	32" – 36" (813 mm – 914 mm)	2" (51 mm)	2.71
5709L	36" – 40" (914 mm – 1016 mm)	2" (51 mm)	2.77
5709XL	40" – 44" (1016 mm – 1118 mm)	2" (51 mm)	2.80
5709XXL	44" – 48" (1118 mm – 1219 mm)	2" (51 mm)	2.60

4-Piece Electrician's Combo Sets **PowerLine™ Series**

Set consists of the following pieces:

- 8-Pocket Tool Pouch (Cat. No. 5718).
- 19-Pocket Tool Pouch (Cat. No. 5719).
- Hammer Holder (Cat. No. 5706).
- Padded Tool Belt (Cat. No. 5704).



5710M

Cat. No.	Size	Width of Belt	Weight (lbs.)
5710M	32" – 36" (813 mm – 914 mm)	2" (51 mm)	2.75
5710L	36" – 40" (914 mm – 1016 mm)	2" (51 mm)	2.80
5710XL	40" – 44" (1016 mm – 1118 mm)	2" (51 mm)	3.05
5710XXL	44" – 48" (1118 mm – 1219 mm)	2" (51 mm)	2.60

All dimensions are in inches and (millimeters).

▲WARNING: This is NOT an occupational protective belt.

▲WARNING: NOT for fall arrest or back support.



Lightweight Tool Belt

- **Leather** construction.
- Designed to carry *lightweight* tool pouches.

Cat. No.	Size	Width	Weight (lbs.)
5201	33" – 45" (838 mm – 1143 mm)	1" (25 mm)	.30



5201

General-Purpose Belts

- **Strong, heavy-duty leather.**
- Removable single-tongue buckle held by two heavy-duty snaps.

Cat. No.	Size	Width	Weight (lbs.)
5202M	32" – 40" (813 mm – 1016 mm)	1-1/2" (38 mm)	.40
5202L	38" – 46" (965 mm – 1168 mm)	1-1/2" (38 mm)	.45
5202XL	46" – 54" (1168 mm – 1372 mm)	1-1/2" (38 mm)	.50



5202L

Lightweight Utility Belt

- **Strong, lightweight, synthetic-web.**
- Quickly adjusts for waist sizes through 52" (1321 mm).
- Accepts tunnel-loop and slotted pouches and holders.
- Tough, molded, non-metallic, slide-action buckle provides single-handed, quick release and adjustment.

Cat. No.	Color	Size	Width	Weight (lbs.)
5204	blue	one size fits all	2" (51 mm)	.20



5204

Adjustable Web Tool Belt

- Fits waist sizes up to 48".
- Accommodates tunnel loop and slotted tool pouches and holders.
- 2" wide polypropylene webbing.
- Rugged metal buckle for quick release and easy adjustment.
- Corrosion resistant hardware.

Cat. No.	Size	Width	Weight (lbs.)
5225	48" (1219 mm)	2" (51 mm)	.60



5225

Heavy-Duty Embossed Tool Belts

- **Strong, heavy-duty leather.**
- Equipped with a double-tongue buckle

Cat. No.	Size	Width	Weight (lbs.)
5415S	32" – 40" (813 mm – 1016 mm)	2" (51 mm)	.63
5415	36" – 44" (914 mm – 1118 mm)	2" (51 mm)	.64
5415L	40" – 48" (1016 mm – 1219 mm)	2" (51 mm)	.64
5415XL	44" – 52" (1118 mm – 1321 mm)	2" (51 mm)	.65



5415

All dimensions are in inches and (millimeters).

▲WARNING: This is NOT an occupational protective belt.

▲WARNING: NOT for fall arrest or back support.



Tool Belts

Cotton/Polyester Blend Tool Belt w/Quick-Release Buckle

- *NOT* an occupational protective belt. *ONLY* use as a tool belt.
- Features a forged, quick-release buckle for emergency situations where the user has to quickly disengage the belt (for example, when working over water or in grain elevators).
- Must be worn over the user's harness and clothing so it will drop free when released.
- Belt is made of a mildew-resistant blend of cotton/polyester webbing for comfort and strength.

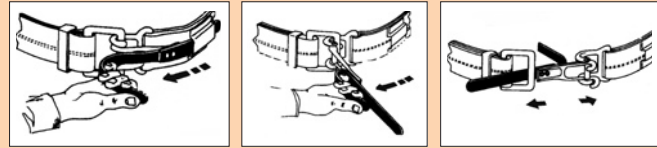


5425M

Cat. No.	Size	Weight (lbs.)
5425M	30" - 44" (762 mm - 1118 mm)	1.53
5425XL	38" - 58" (965 mm - 1473 mm)	1.67

Designed for Quick Release

1. Pull free end of release strap to disengage other end from retainer.
2. Pulling action rotates clasp to open position.
3. Disengaged clasp allows belt to separate.



Electrician's Tool Belts

Electrician's Leather Tool Belts

- **Leather** construction.
- Includes tool loops and chain-tape thong.



5207L

Cat. No.	Size	Width	Weight (lbs.)
5207M	32" - 40" (813 mm - 1016 mm)	1-1/2" (38 mm)	.50
5207L	38" - 46" (965 mm - 1168 mm)	1-1/2" (38 mm)	.55
5207XL	46" - 54" (1168 mm - 1372 mm)	1-1/2" (38 mm)	.60

Electrician's Web Tool Belts

- **Lightweight web** belt.
- Includes **leather** tool loops and chain tape thong.
- **Friction** buckle.



5227L

Cat. No.	Size	Width	Weight (lbs.)
5227M	32" - 40" (813 mm - 1016 mm)	1-1/2" (38 mm)	.39
5227L	40" - 48" (1016 mm - 1219 mm)	1-1/2" (38 mm)	.40
5227XL	48" - 56" (1219 mm - 1422 mm)	1-1/2" (38 mm)	.42

All dimensions are in inches and (millimeters).

▲WARNING: This is NOT an occupational protective belt.

▲WARNING: NOT for fall arrest or back support.



Ironworker's Heavy-Duty Tie-Wire Belts

Ironworker's Heavy-Duty Tie-Wire Belts

- **Leather** construction.
- Rugged 2" (51 mm) wide belt.
- Has separate reel-strap with its own buckle that lets you quickly and conveniently put on or take off a Klein tie-wire reel and optional pad without removing the belt or your tool pouch.
- Strong double-tongue buckle with keeper.
- Embossed basket-weave pattern.



5420L

Cat. No.	Waist Size	Belt Size Range	Width	Weight (lbs.)
5420S	36" (914 mm)	32" – 40" (813 mm – 1016 mm)	2" (51 mm)	.85
5420	40" (1016 mm)	36" – 44" (914 mm – 1118 mm)	2" (51 mm)	.95
5420L	44" (1118 mm)	40" – 48" (1016 mm – 1219 mm)	2" (51 mm)	1.05
5420XL	48" (1219 mm)	44" – 52" (1118 mm – 1321 mm)	2" (51 mm)	1.15

Tie-wire reel available on page 206. Tie-wire pad available on page 155.

Suspenders

Suspenders

- Clips and slides are nickel-plated for corrosion resistance.
- Extra-strong belt clips have alligator teeth for added gripping power.
- One size fits all.



60222RB

Cat. No.	Color	Strap Width	Leather-Back Strap Spreader	Weight (lbs.)
Nylon-Web Suspenders				
60208RB	rainbow	2" (51 mm)	adjustable	.53
60209R	red	2" (51 mm)	adjustable	.53
60210B	blue	2" (51 mm)	adjustable	.63
Elastic-Back Suspenders				
60222RB	rainbow	2" (51 mm)	non-adjustable	.50
60224R	red	2" (51 mm)	non-adjustable	.50
60223B	blue	2" (51 mm)	non-adjustable	.60

All dimensions are in inches and (millimeters).

▲WARNING: This is NOT an occupational protective belt.

▲WARNING: NOT for fall arrest or back support.

Tool Pouches, Carriers,
Belts & Suspenders



Suspender Accessories

Leather Belt Pads

- **Leather** pad is 4" (102 mm) wide.
- 3 snap-open straps permit easy, secure attachment to any belt up to 2" (51 mm) wide.
- Economical, yet rugged, durable, and highly comfortable belt pad.
- When sizing a belt to accommodate this pad, add 1" to 2" to the belt waist size.

Cat. No.	Length	Width	Weight (lbs.)
87900	22" (559 mm)	4" (102 mm)	.32
87902	30" (762 mm)	4" (102 mm)	.50



87900

Leather Cushion Belt Pads

- Deluxe **leather** pad is 4" (102 mm) wide.
- Thick **leather** back with four snap-open straps for easy attachment to any belt up to 2" (51 mm) wide.
- Sponge-padded **leather** liner has rounded edges, and is permanently stitched to the back.
- The most durable, most comfortable pad to wear, especially for prolonged work periods.
- When sizing a belt to accommodate this pad, add 2" to 4" to the belt waist size.

Cat. No.	Length	Width	Weight (lbs.)
87904	22" (559 mm)	4" (102 mm)	.99
87906	30" (762 mm)	4" (102 mm)	1.04



87904

Leather/Synthetic Lamb's Wool Shoulder Pads

- **Leather** shoulder pads are removable and attached with **leather** straps.
- Pads can be easily positioned for maximum comfort.
- The surface that contacts the user's body is covered with synthetic lamb's wool, providing a soft cushion for shoulders and absorbing moisture for greater comfort.
- Sold in pairs only.

Cat. No.	Length	Width	Weight (lbs.)
87918	11-3/4" (298 mm)	4" (102 mm)	.24



87918



Tool Bags

Tool bags from Klein come in a wide variety of shapes and sizes to match the diverse tools and accessories professionals use every day.

FOR PROFESSIONALS... SINCE 1857®



Tool Bags



Tool Bags

Canvas Tool Bags

- Heavy-duty No. 8 natural canvas.
- Rivet-reinforced for durability.
- Steel-frame mouth with hinge for rugged use.
- Stitched and riveted **leather** handles for comfort and strength.
- Two retaining straps with buckles provide secure closure.
- Moisture-resistant, vinyl bottom, and lower sides.
- Non-scratch studs on base protect against wear.
- Retro-fit bags with shoulder strap kit (Cat. No. 5102S). Kit includes **leather** strap with pad and snap hooks, rings and fasteners for attaching rings to bags.



5102-12

Cat. No.	Length	Width	Depth	Weight (lbs.)
5102-12	12" (305 mm)	6" (152 mm)	10" (254 mm)	2.14
5102-14	14" (356 mm)	6" (152 mm)	14" (356 mm)	2.55
5102-16	16" (406 mm)	6" (152 mm)	14" (356 mm)	3.05
5102-18	18" (457 mm)	6" (152 mm)	14" (356 mm)	2.84
5102-20	20" (508 mm)	6" (152 mm)	15" (381 mm)	3.16
5102-22	22" (559 mm)	6" (152 mm)	15" (381 mm)	3.48
5102-24	24" (610 mm)	6" (152 mm)	15" (381 mm)	4.10

High-Bottom Canvas Tool Bags

- Heavy-duty No. 8 natural canvas.
- Bottom and 8" (203 mm) of lower sides are covered with moisture-resistant vinyl.
- Non-scratch studs on base protect against wear.
- Steel-frame mouth with hinge for rugged use.
- Harness-**leather** handles with two retaining straps and buckles.
- Retro-fit bags with shoulder strap kit (Cat. No. 5102S). Kit includes **leather** strap with pad and snap hooks, rings and fasteners for attaching rings to bags.



5105-20

Cat. No.	Length	Width	Depth	Weight (lbs.)
5105-20	20" (508 mm)	6" (152 mm)	15" (381 mm)	3.55
5105-22	22" (559 mm)	6" (152 mm)	15" (381 mm)	3.80
5105-24	24" (610 mm)	6" (152 mm)	15" (381 mm)	4.00

All dimensions are in inches and (millimeters).



Canvas Tool Bags – Multiple Pockets

- Steel frame mouth with hinge for rugged use.
- Internal pockets in a variety of sizes.
- External pocket for additional carrying needs (**leather** bottom bags only).
- Constructed of strong No. 8 natural canvas.
- Reinforced bottom supports heavy tools, blocks moisture, and provides durability at wear points.
- Wide opening provides easy access to large tools.
- Bottom is protected from the elements by 6 studs.
- 5002 Series bags include: Bottom and 3" (76 mm) of sides covered with black vinyl and two black harness-**leather** handles and retaining straps.
- 5003 Series bags include: Shoulder strap mounts, external pocket, **leather** bottom and 3" (76 mm) of sides covered with black **leather**, 2" (51 mm) wide web handles, **leather** handle wrap, and external tool loop handle in the webbing.



5003-16

Cat. No.	Length	Width	Depth	Interior Pockets	Exterior Pockets	Retaining Straps	Weight (lbs.)
Vinyl Bottom							
5002-16	16" (406 mm)	6" (152 mm)	14" (356 mm)	8	—	2	3.19
5002-18	18" (457 mm)	6" (152 mm)	14" (356 mm)	10	—	2	3.88
5002-20	20" (508 mm)	6" (152 mm)	15" (381 mm)	14	—	2	4.28
Leather Bottom							
5003-16	16" (406 mm)	6" (152 mm)	14" (356 mm)	8	1	1	3.34
5003-18	18" (457 mm)	6" (152 mm)	14" (356 mm)	10	1	1	4.14
5003-20	20" (508 mm)	6" (152 mm)	15" (381 mm)	14	1	2	4.38

Camouflage Cordura® Tool Bags

- Constructed of 1000-denier Cordura® Plus with Realtree® Advantage™ camouflage pattern.
- Nylon-stitched and rivet reinforced for durability.
- Steel frame mouth with hinge for rugged use.
- Two **leather** retaining straps with buckles for secure closure.
- Exceptional resistance to abrasion, punctures, and tearing.
- Reinforced vinyl bottom and lower sides for extra strength.
- Lockstrap and hasp accepts most standard padlocks.
- Stitched and riveted **leather** handles for comfort and strength.



5102-14C

Cat. No.	Length	Width	Depth	Weight (lbs.)
5102-14C	14" (356 mm)	6" (152 mm)	14" (356 mm)	2.23
5102-18C	18" (457 mm)	6" (152 mm)	14" (356 mm)	2.55
5102-24C	24" (610 mm)	6" (152 mm)	15" (381 mm)	3.18

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Canvas Tool Bags

- Heavy-duty No. 6 natural canvas.
- Double-layer canvas bottom.
- Reinforced, riveted web handles.

Cat. No.	Length	Width	Depth	Weight (lbs.)
5155	17" (432 mm)	9" (229 mm)	12" (305 mm)	1.56
5156	19" (483 mm)	9" (229 mm)	15" (381 mm)	1.82



5155



Tool Bags

Extra-Large Nylon Equipment Bag

- Orange vinyl-coated nylon fabric bag.
- Bottom extends 3" (76 mm) up the sides.
- Bottom of bag is protected by metal studs.
- Bottom reinforced with 1/4" (6 mm) plywood.
- Nylon-web handles extend around bag for extra support.
- Wide opening steel frame is securely riveted in top of bag.
- Extra flap for storm protection.

Cat. No.	Length	Width	Depth	Weight (lbs.)
5180	24" (610 mm)	10" (254 mm)	18" (457 mm)	6.00



5180

Tool Tote™ – Shoulder Strap

- Constructed of double-layered, 600 x 300 denier polyester to resist wear and tear on the jobsite.
- Water-resistant to avoid the buildup of mold and mildew.
- 2" (51 mm) wide polypropylene padded carrying handles with comfortable **leather** wrap.
- Contoured, padded, slip-resistant shoulder strap for hands-free mobility.
- Durable molded bottom with drain holes to prevent water retention.
- Interior pockets include: 5 interior pockets and a large interior compartment to easily carry a wide assortment of hand tools, power tools, and supplies.
- Exterior pockets include: 7 multi-tool pockets for a variety of tools and mobile phone.



58888

Cat. No.	Interior Pockets	Exterior Pockets	Length	Width	Depth	Weight (lbs.)
58888	5	7	15-1/2" (394 mm)	7-1/2" (191 mm)	10" (254 mm)	3.85

Tool Organizer

- Constructed of double-layered, 600 x 300 denier polyester to resist wear and tear on the jobsite.
- Water-resistant to avoid the buildup of mold and mildew.
- Double layer of polyester at bucket edges for durability.
- Interior pockets include: 3 tool sleeves, 1 powertool/cord sleeve, and 6 universal pockets.
- Exterior pockets include: 9 screwdriver/nut driver pockets, 11 pliers pockets, 11 utility pockets, 2 wire stripper pockets, and 2 Velcro® closeable pockets.
- Heavy-duty webbing keeps pockets open for easy access to supplies and tools.

Cat. No.	Interior Pockets	Exterior Pockets	Nominal Size	Weight (lbs.)
5777	10	35	fits standard 5-gallon buckets	3.90



5777

All dimensions are in inches and (millimeters).



Deluxe Leather Bags

- Rugged tool bag made of extra-heavy **leather**.
- Removable, padded shoulder strap.
- Three-ply bottom with steel studs.
- Retaining straps extend around bag for extra support.

Cat. No.	Length	Width	Depth	Weight (lbs.)
5108-18	18" (457 mm)	7" (178 mm)	8" (203 mm)	4.77
5108-20	20" (508 mm)	7" (178 mm)	8" (203 mm)	5.17
5108-24	24" (610 mm)	7" (178 mm)	8" (203 mm)	5.50



5108-18

Leather Tote Bag

- Rugged tool bag made of extra-heavy **leather**.
- Stitched and riveted construction.
- Reinforced ends.
- Double-ply bottom with steel studs.

Cat. No.	Length	Width	Depth	Weight (lbs.)
5115	15" (381 mm)	6-1/2" (165 mm)	7" (178 mm)	2.20



5115

Canvas Zipper Bag

- No. 10 canvas bag with strong zipper.
- Convenient storage for pliers, wrenches, and other tools.

Cat. No.	Length	Height	Weight (lbs.)
5139	12-1/2" (318 mm)	7" (178 mm)	.12



5139

Camouflage Cordura® Zipper Bag

- Constructed of 1000-denier Cordura® Plus with Realtree® Advantage™ camouflage pattern, with **leather** Klein Logo.
- Nylon-stitched for durability.
- Exceptional resistance to abrasion, punctures, and tearing.

Cat. No.	Length	Height	Weight (lbs.)
5139C	12-1/2" (318 mm)	7" (178 mm)	.14

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5139C



Tool Bags

Top-Grain Leather Zipper Bag

- Brushed cowhide **leather** with strong zipper.
- Convenient storage for pliers, wrenches, and other tools.

Cat. No.	Length	Height	Weight (lbs.)
5139L	12-1/2" (318 mm)	7-1/2" (191 mm)	.23



5139L

Contractor's Leather Portfolio

- Brushed cowhide **leather** with strong zipper.
- Oversized pocket is just the right size for carrying a variety of documents, clipboards, mobile phone, etc.
- Designed for convenience and durability.
- Expandable carrying capacity.

Cat. No.	Length	Height	Weight (lbs.)
5136	12" (305 mm)	17" (432 mm)	.95



5136

Glove Bags – No. 4 Canvas

- Made of tough No. 4 canvas.
- Has an expansion gusset, 5-1/2" (140 mm) across the top and 2-3/4" (60 mm) at bottom.
- Brass grommets in bottom for ventilation.
- Supplied with two-way snap.
- Includes safety notice to remind workers of the importance of using gloves.

Cat. No.	Length	Width	Top Depth	Bottom Depth	Weight (lbs.)
5121-15	15" (381 mm)	8" (203 mm)	5-1/2" (140 mm)	2-3/4" (70 mm)	.74
5121-19	19" (483 mm)	8" (203 mm)	5-1/2" (140 mm)	2-3/4" (70 mm)	.88



5121-15

Glove Bags – No. 8 Canvas

- Made of durable No. 8 canvas.
- Has an expansion gusset: 5-1/2" (140 mm) on top and 2-3/4" (70 mm) at bottom.
- Brass grommets in bottom for ventilation.
- Equipped with two-way snap on the back.
- Includes safety notice to remind workers of the importance of using gloves.

Cat. No.	Length	Width	Top Depth	Bottom Depth	Weight (lbs.)
5124-15	15" (381 mm)	8" (203 mm)	5-1/2" (140 mm)	2-3/4" (70 mm)	.64
5124-17	17" (432 mm)	8" (203 mm)	5-1/2" (140 mm)	2-3/4" (70 mm)	.70
5124-19	19" (483 mm)	8" (203 mm)	5-1/2" (140 mm)	2-3/4" (70 mm)	.77



5124-15



Combination Glove and Sleeve Bags

- Panels are tough No. 4 canvas.
- Provides separate storage for gloves and sleeves.
- Brass grommets in bottom for ventilation.
- Bags are 8" (203 mm) wide.
- Supplied with two-way snap.
- Includes safety notice to remind workers of the importance of using gloves.

Cat. No.	Length	Width	Bottom Depth	Weight (lbs.)
5122-16	16" (406 mm)	8" (203 mm)	4-13/16" (122 mm)	.98
5122-18	18" (457 mm)	8" (203 mm)	4-13/16" (122 mm)	1.05



5122-16

Ten-Compartment Drawstring Bag

- 12-oz. olive canvas.
- 10 compartments to hold small parts.
- Drawstring for easy closing.

Cat. No.	Diameter	Depth	Weight (lbs.)
5151	11" (279 mm)	6" (152 mm)	.41



5151

Shoulder Strap Kit

- Adjustable **leather** shoulder strap for Cat. Nos. 5102 and 5105 series canvas tool bags.
- Complete kit contains **leather** strap with pad and snap hooks, rings and fasteners for attaching rings to bags.



5102S

Cat. No.	Weight (lbs.)
5102S	.78

Padded Adjustable Shoulder Strap

- Shoulder strap for canvas tool bags.
- Adjustable from both ends for a perfect fit.
- Fits Klein Tool Bags 5003 Series and Tool Tote (Cat. No. 58888).



58889

Cat. No.	Weight (lbs.)
58889	.36

All dimensions are in inches and (millimeters).



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Canvas Buckets

Features:

Polypropylene-rope handle reinforced with leather for water resistance and strength.

Durable, straight-wall and tapered-wall buckets are made of heavy-duty canvas.

The No. canvas refers to the canvas weight. No. 1 being the thickest and No. 8 being the thinnest.

High-density polyethylene top ring for strength and chemical resistance.



Leather-Bottom Buckets

Additional Features:

- No. 1 canvas.
- **Leather-reinforced bottom** extends 3" (76 mm) up the sides.
- **Inside pocket** measures 8" x 8" (203 mm x 203 mm).
- **Rope handle.**

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5104	12" (305 mm)	12" (305 mm)	17" (432 mm)		2.71
5104S	12" (305 mm)	12" (305 mm)	17" (432 mm)	swivel snap (Cat. No. 2012)	2.93



5104

Straight-Wall Buckets

Additional Features:

- No. 6 canvas.
- **Black molded polypropylene bottom.**
- **Rope handle.**

Cat. No.	Diameter	Height	Extra Features	Weight (lbs.)
5106	9" (229 mm)	14" (356 mm)		1.51
5106P	9" (229 mm)	14" (356 mm)	two 7" x 7" (178 mm x 178 mm) inside pockets	1.62
5106S	9" (229 mm)	14" (356 mm)	swivel snap (Cat. No. 2012)	1.80



5106

All dimensions are in inches and (millimeters).



Wide-Opening Straight-Wall Buckets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Rope handle.

Cat. No.	Diameter	Height	Extra Features	Weight (lbs.)
5109	12" (305 mm)	15" (381 mm)		2.06
5109P	12" (305 mm)	15" (381 mm)	one 8" x 8" (203 mm x 203 mm) inside pocket	2.12
5109S	12" (305 mm)	15" (381 mm)	swivel snap (Cat. No. 2012)	2.35
5109PS	12" (305 mm)	15" (381 mm)	one 8" x 8" (203 mm x 203 mm) inside pocket and swivel snap (Cat. No. 2012)	2.40



5109

Tapered-Wall Buckets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Rope handle.

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5113	12" (305 mm)	9" (229 mm)	13" (330 mm)		1.55
5113S	12" (305 mm)	9" (229 mm)	13" (330 mm)	swivel snap (Cat. No. 2012)	1.84



5113

Heavy-Duty Tapered-Wall Bucket

Additional Features:

- Riveted leather glove strap.
- Tough No. 4 canvas.
- Comes with Cat. No. 2012 swivel snap.
- Black molded polypropylene bottom.
- Rope handle.

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5103S	12" (305 mm)	9" (229 mm)	12" (305 mm)	swivel snap (Cat. No. 2012)	1.95



5103S

Heavy-Duty Tapered-Wall Buckets with Pockets

Additional Features:

- Riveted leather glove strap.
- Tapered-wall buckets.
- Tough No. 4 canvas.
- Equipped with Cat. No. 2012 swivel snap hook.
- Black molded polypropylene bottom.
- Rope handle.

Cat. No.	Top Diameter	Bottom Diameter	Height	Outside Pockets	Extra Features	Weight (lbs.)
5171PS	12" (305 mm)	9" (229 mm)	12" (305 mm)	4 outside pockets	swivel snap (Cat. No. 2012)	2.20
5172PS	12" (305 mm)	9" (229 mm)	12" (305 mm)	15 inside pockets	swivel snap (Cat. No. 2012)	2.35



5171PS

5172PS

All dimensions are in inches and (millimeters).



Canvas Buckets

Oval Bucket with 41 Pockets

Additional Features:

- 26 pockets inside and 15 pockets outside.
- No. 6 canvas.
- Tripod suspension rope for greater stability.
- Equipped with Cat. No. 2012 swivel snap hook.
- Black molded polypropylene bottom.

Cat. No.	Length	Width	Height	Pockets	Extra Features	Weight (lbs.)
5152S	14" (356 mm)	7" (177 mm)	10" (254 mm)	26 inside pockets 15 outside pockets	swivel snap (Cat. No. 2012)	2.46



5152S

Oval Bucket with 15 Interior Pockets

Additional Features:

- No. 6 canvas.
- Tripod suspension for greater stability.
- Equipped with Cat. No. 2012 swivel snap hook.
- Black molded polypropylene bottom.
- Rope handle.

Cat. No.	Length	Width	Height	Pockets	Extra Features	Weight (lbs.)
5144S	14" (356 mm)	7" (177 mm)	10" (254 mm)	15 inside pockets	swivel snap (Cat. No. 2012)	2.17



5144S

Aerial-Basket Oval Bucket with 15 Interior Pockets

Additional Features:

- No. 6 canvas.
- ABS hooks are resistant to temperature changes.
- Supplied with two Cat. No. 5144H hooks.
- Black molded polypropylene bottom.
- Replacement hooks available Cat. No. 5144H.

Cat. No.	Length	Width	Height	Pockets	Extra Features	Weight (lbs.)
5144	14" (356 mm)	7" (177 mm)	10" (254 mm)	15 inside pockets	two ABS hooks (Cat. No. 5144H)	2.05



5144

Aerial-Basket Tool Carrier

- Heavy-duty vinyl.
- Equipped with tool loops, tool holster, knife sheath, and small parts bag to keep tools organized.
- Hangs inside aerial basket to make tools readily available.
- Stiffening rod across the top holds carrier straight.
- Replacement hooks available Cat. No. 5144H.

Cat. No.	Height	Width	Weight (lbs.)
5169	21" (533 mm)	19" (483 mm)	2.85



5169

All dimensions are in inches and (millimeters).



Line-Hose Bag

- No. 6 canvas with Cicolac top ring and molded bottom.
- Large enough to accommodate several pieces of hose.
- Can also be used to raise protective rubber blankets that are rolled.
- **Leather** cuff extends 3" (76 mm) up the side.
- Polypropylene rope handle is reinforced with **leather**.

Cat. No.	Diameter	Depth	Weight (lbs.)
5110-48	7" (178 mm)	48" (1219 mm)	1.91



5110-48

Canvas Electrode Bag

- Made of tough No. 4 canvas.
- Heat-resistant, hard-**leather** bottom.
- Web loop for sliding over belt.

Cat. No.	Diameter	Front Depth	Back Depth	Weight (lbs.)
5471	2-1/2" (64 mm)	12" (305 mm)	15-1/2" (394 mm)	.25



5471

Canvas Tapered-Bottom Bag

- No. 10 canvas.
- Two pockets are provided for small parts.
- Bottom is tapered so parts will stay in center.
- Equipped with a snap for hanging.

Cat. No.	Diameter	Depth	Weight (lbs.)
5143	6-1/2" (165 mm)	8" (203 mm)	.30



5143

Swivel Snap Hook

Additional Features:

- This is **NOT** an occupational protective hook. **NOT** for human support.
- Bronze swivel snap hook made for use on hoisting canvas buckets.
- Maximum safe load is 150 lbs. (68 kg).

Cat. No.	Length	Width	Weight (lbs.)
2012	4-3/8" (111 mm)	1-5/8" (41 mm)	.28



2012

▲WARNING: This is NOT an occupational protective device. NOT for human support.

All dimensions are in inches and (millimeters).

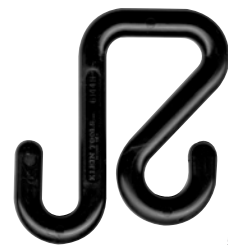


Hooks

Hook for Aerial-Baskets

- All weather, durable, nylon 66 polymer
- Most manufacturers' aerial basket trucks accommodate bucket hook.
- Replacement hooks for both Cat. No. 5144 and Cat. No. 5169.

Cat. No.	Weight (lbs.)
5144H	.30



5144H

Mineral Wool Bag

Fire-Retardant Mineral Wool Bag

- Mineral-wool filled, fire-resistant non-asbestos fabric bag.
- Designed to retard the spread of heat and smoke.
- Used where conduits, pipes, cable, and wires extend through floors, walls, and ceilings.
- Bag is flexible to fit any configuration.
- Reusable bag.

Cat. No.	Length	Width	Depth	Weight (lbs.)
41115	12" (305 mm)	12" (305 mm)	1" (25 mm)	1.11



41115

Slings

Pole Sling

- For use where a running loop wrap around pole is desired.
- Nylon web stitched with nylon thread.
- Copper rivets with burrs at the point of wear.
- NOT an occupational protective device. NOT for human support.
- Resistant to oil, creosote, and moisture.



5606

Cat. No.	Rated Capacity (Maximum Working Load)		Overall Length	Width	Weight (lbs.)
	Choke Hitch	Basket Hitch			
5606	3000 lbs (1350 kg)	4700 lbs (2115 kg)	35" (889 mm)	2" (51 mm)	1.33

▲WARNING: This is NOT an occupational protective device. NOT for human support.

Crossarm Sling

- Made of 12 plies of nylon laminated together with neoprene and pre-formed prior to vulcanization for ease in placing around the crossarm.
- D-rings are 1/4" (6 mm) welded wire securely riveted with copper rivets and burrs.
- NOT an occupational protective device. NOT for human support.
- Resistant to oil, creosote, and moisture.



5607

Cat. No.	Rated Capacity (Maximum Working Load)	Overall Length	Width	Weight (lbs.)
5607	1000 lbs (450 kg)	23-1/4" (590 mm)	1" (25 mm)	.83

▲WARNING: This is NOT an occupational protective device. NOT for human support.

All dimensions are in inches and (millimeters).



Tool Chests & Cabinets

Six-Drawer Drop-Front Chest

- Hinged top panel completely covers drawers.
- Hinge shields against water or oil entry. Ideal for wet, dirty, or abrasive environments.
- Handy tote tray in top compartment.
- Strong double-wall construction.
- Full-extension drawers with smooth-action drawer slides.
- Three different drawer sizes.
- Drop-front panel provides added security.
- Chest-lid stop prevents accidental closures.
- Side handles.



54201

Cat. No.	Width	Depth	Height	Weight (lbs.)
54201	26-9/100" (663 mm)	12-17/100" (309 mm)	15-11/25" (392 mm)	44.45

Includes

2 drawers	7-7/8" (200 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)
1 drawer	4-1/2" (114 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)
2 drawers	22-1/2" (572 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)
1 drawer	22-1/2" (572 mm)	10-3/4" (273 mm)	2-7/8" (73 mm)

Five-Drawer Roller Cabinet

- Roller cabinet with four medium drawers, a deep drawer, and a large bottom compartment.
- Compartment panel locks drawers when closed.
- Strong double-wall construction.
- Full-extension drawers with smooth-action drawer slides.
- Bulk storage area for organization of containers and large tools locks separately for added security.
- Tumbler lock and two keys.
- Big side handle.
- Two fixed and two swivel casters with toe-lock brakes.
- 5" x 2" (127 mm x 51 mm) casters provide easy maneuvering.
- Holds either chest Cat. No. 54201 or Cat. No. 54202.



54301

Cat. No.	Width	Depth	Height	Weight (lbs.)
54301	26-1/2" (673 mm)	18" (457 mm)	36" (914 mm)	114.50

Includes

4 drawers	22-1/4" (565 mm)	16-3/4" (425 mm)	3-1/8" (79 mm)
1 drawer	22-1/4" (565 mm)	16-3/4" (425 mm)	6-1/2" (165 mm)
1 compartment	23-1/2" (597 mm)	17-1/2" (181 mm)	9-3/4" (248 mm)

Twelve-Drawer Chest

- Hinged-top chest with 12 drawers that lock when top is closed.
- Steel tote tray in top compartment.
- Strong double-wall construction.
- Full-extension drawers with smooth-action drawer slides.
- Top center drawer locks separately for added security.
- Side handles.



54202

Cat. No.	Width	Depth	Height	Weight (lbs.)
54202	26-1/8" (664 mm)	12-1/8" (308 mm)	19" (483 mm)	70.00

Includes

3 drawers	4-1/2" (114 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)
6 drawers	7-7/8" (200 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)
2 drawers	22-1/2" (572 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)
1 drawer	22-1/2" (572 mm)	10-3/4" (273 mm)	2-7/8" (73 mm)



Nine-Drawer Roller Cabinet

- Roller cabinet with four half-drawers, three full-width medium drawers, and two full-width deep drawers.
- Strong double-wall construction.
- Full-extension drawers with smooth-action drawer slides.
- Large split drawers for separation of large tools.
- Tumbler lock and two keys.
- Big side handle.
- Two fixed and two swivel casters with toe-lock brakes.
- 5" x 2" (127 mm x 51 mm) casters provide easy maneuvering.
- Holds either chest Cat. No. 54201 or Cat. No. 54202.

Cat. No.	Width	Depth	Height	Weight (lbs.)
54302	26-1/2" (673 mm)	18" (457 mm)	36" (914 mm)	140.00

Includes

4 drawers	10-1/2" (267 mm)	16-3/4" (425 mm)	3-1/8" (79 mm)
3 drawers	22-1/4" (565 mm)	16-3/4" (425 mm)	3-1/8" (79 mm)
2 drawers	22-1/4" (565 mm)	16-3/4" (425 mm)	6-1/2" (165 mm)



54302

Four-Drawer Intermediate Chest

- Handy step-up chest expands cabinet-top storage easily.
- Fits between chests and cabinets.
- Strong double-wall construction.
- Full-extension drawers with smooth-action drawer slides.
- Adds up to 1,900 cu. in. of storage to tool chest and cabinet combination.
- Four full-width drawers secure with single lock and key.
- Can be used with either chests Cat. Nos. 54201 or 54202, and will fit on both cabinets Cat. Nos. 54301 and 54302.



54308

Cat. No.	Width	Depth	Height	Weight (lbs.)
54308	26-1/8" (664 mm)	12-1/8" (308 mm)	11-1/2" (292 mm)	37.50

Includes

4 drawers	22-1/2" (572 mm)	10-3/4" (273 mm)	1-7/8" (48 mm)
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Metal Tool Boxes

Jumbo Four-Tray Tool Box

- Four generous cantilever trays open wide for full access to bottom of box.
- Top trays have hinged covers to keep parts in place.
- Trays move smoothly on heavy, plated-metal links.
- Two lower trays have movable metal dividers.
- Extra-high hip-roof cover.
- Two drawbolts plus hasp and staple for padlocks up to 3/8" (9.5 mm) in diameter (padlock not included).
- Protective, brown, baked-enamel, textured finish.
- Comfort-grip handle for easy lifting and moving.

Cat. No.	Length	Depth	Height	Weight (lbs.)
54405	18" (457 mm)	10" (254 mm)	13-1/4" (337 mm)	21.10



54405

Metal Tool Boxes

Deep-Top Tool Box

- High hip-roof permits extra-deep tote tray for bulky drills, long hand tools, or a large wrench set.
- Extra-deep steel tote tray has big handle, no partitions.
- Two drawbolts plus hasp and staple for padlocks up to 3/8" (10 mm) in diameter.
- Protective, red, baked-enamel finish.

Cat. No.	Length	Depth	Height	Weight (lbs.)
54404	20" (508 mm)	7" (178 mm)	8" (203 mm)	9.25



54404

Extra-Deep All-Purpose Tool Box

- A popular choice for all-around use.
- Big-capacity box with the necessary strength and rigid construction.
- Heavy-duty three-compartment tote tray with big, easy-grip handle.
- Double drawbolts plus hasp and staple for padlocks up to 3/8" (10 mm) in diameter (padlock not included).
- Protective, red, baked-enamel finish.

Cat. No.	Length	Depth	Height	Weight (lbs.)
54401	20" (508 mm)	8-1/2" (216 mm)	9-1/2" (241 mm)	11.55



54401

Space-Saving Tool Box

- Higher capacity general purpose tool box.
- Full access plastic tote with movable dividers for added storage.
- Rolled front edge.
- Watershed cover with full end-caps.
- Full length piano hinge.
- Heavy-duty rust-resistant latch.
- Drawbolts with padlock eye for padlocks up to 1/4" (6 mm) in diameter (padlock not included).
- Protective, red, baked-enamel finish.
- Comfort-grip handle for easy lifting and moving.

Cat. No.	Length	Depth	Height	Weight (lbs.)
54402	19-1/8" (486 mm)	7" (178 mm)	7-1/2" (191 mm)	6.98



54402

Long, Heavy-Duty Tool Box

- Extra-strong construction.
- Holds tools up to 24" (610 mm) long.
- Full-size, three-compartment tray with socket divider and easy-grip handle.
- Double drawbolts plus center hasp and staple for lock shackles up to 3/8" (10 mm) diameter.
- Protective, red, baked-enamel finish.

Cat. No.	Length	Depth	Height	Weight (lbs.)
54408	24-1/4" (616 mm)	9-1/2" (241 mm)	9-1/2" (241 mm)	20.70



54408

All dimensions are in inches and (millimeters).



Mid-Size Parts Storage Boxes & Slide Racks

Slide Racks

- Holds Klein mid-size storage boxes.
- Boxes not included with rack, must be ordered separately.
- Welded, extra-rigid, all-steel construction.
- Metallic-gray, baked-enamel finish.
- Boxes ride in and out on heavy-duty channel tracks that permit covers to open all the way for full access.
- Heavy tabs prevent boxes from being accidentally pulled out, yet allow boxes to be easily removed when desired.
- Locking bars can be readily attached to prevent unauthorized access.



54474

Cat. No.	Description	Holds	Length (Front to Back)	Width	Height	Weight (lbs.)
54474	4-box slide rack	four Klein mid-size storage boxes	11-3/4" (298 mm)	15-1/4" (387 mm)	10-3/4" (273 mm)	20.30
54476	6-box slide rack	six Klein mid-size storage boxes	11-3/4" (298 mm)	15-1/4" (387 mm)	16-3/8" (416 mm)	28.75

Slide-Rack Locking Bars

- Steel bars lock to secure mid-size storage boxes in slide racks.
- Front hasp pivots down to allow locking bar to open.
- Available for Klein four-box and six-box racks.
- Strong piano hinge.
- Metallic-grey baked-enamel finish.
- Mounting holes allow for easy installation with sheet metal screws or pop rivets.



54484

Cat. No.	Description	Weight (lbs.)
54484	locking bar for Cat. No. 54474 slide rack	.25
54486	locking bar for Cat. Nos. 54476 & 54477 slide racks	.35

Mid-Size Compartment Boxes

- Klein storage boxes are offered with a choice of compartment sizes and arrangements.
- Boxes feature strong, rigid, heavy-duty welded construction.
- Full-length piano hinged covers are designed to stay open for ease of access.
- Each box has a carrying handle, positive pull-down locking catch.
- Boxes have a heavy, metallic-gray baked-enamel finish.
- Box compartments feature high-impact styrene construction.
- Scoop-bottom design for easy parts removal and cleaning.
- Fits either four-drawer slide rack Cat. No. 54474 or six-drawer rack Cat. No. 54476.



54438

Cat. No.	Number of Compartments	Compartment Sizes	Length (Front to Back)	Width	Height	Weight (lbs.)
54436	eight	6-7/16" x 2-1/16" (164 mm x 52 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	3.90
54437	twelve	4-5/16" x 2-5/16" (110 mm x 59 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	4.10
54438	sixteen	3-1/4" x 2-5/16" (83 mm x 59 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	4.40
54439	twenty	2-5/8" x 2-5/16" (67 mm x 59 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	4.50
54440	twenty one	20 each 2-1/16" x 2-5/16" (52 mm x 59 mm) and one 2-3/4" x 9-1/16" (70 mm x 230 mm)	9-3/4" (248 mm)	13-5/16" (338 mm)	2" (51 mm)	4.25

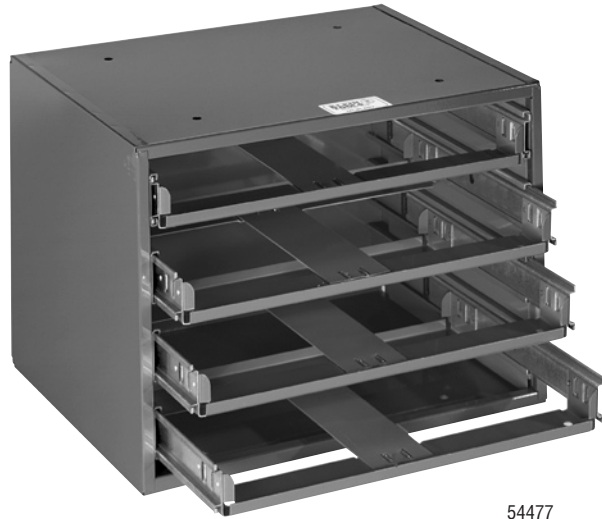
All dimensions are in inches and (millimeters).



Extra-Large Parts Storage Boxes & Slide Racks

4-Box Slide Rack

- Holds four Klein extra-large storage boxes.
- Boxes not included with rack, must be ordered separately.
- Welded, extra-rigid, all-steel construction.
- Metallic-gray, baked-enamel finish.
- Boxes ride in and out on heavy-duty channel tracks that permit covers to open all the way for full access.
- Heavy tabs prevent boxes from being accidentally pulled out, yet allow boxes to be easily removed when desired.
- Locking bars can be readily attached to prevent unauthorized access (Cat. No. 54486).



54477

Cat. No.	Description	Holds	Length (Front to Back)	Width	Height	Weight (lbs.)
54477	4-box slide rack	four Klein extra-large storage boxes	15-3/4" (400 mm)	20" (508 mm)	10-3/4" (273 mm)	20.30

Extra-Large Compartment Boxes

- Klein storage boxes are offered with a choice of compartment sizes and arrangements.
- Boxes feature strong, rigid, heavy-duty welded construction.
- Full-length piano hinged covers are designed to stay open for ease of access.
- Each box has a carrying handle, positive pull-down locking catch.
- Boxes have a heavy, metallic-gray baked-enamel finish.
- Box compartments feature high-impact styrene construction.
- Scoop-bottom design for easy parts removal and cleaning.
- Fits four-drawer extra-large slide rack Cat. No. 54477.



54445

Cat. No.	Number of Compartments	Compartment Sizes	Length (Front to Back)	Width	Height	Weight (lbs.)
54445	sixteen	4-3/8" x 2-7/8" (111 x 73 mm)	12" (305 mm)	18" (457 mm)	3" (76 mm)	7.55
54446	twenty one	20 each 2-3/4" x 2-7/8" (70 x 73 mm) and one 3-3/4" x 11-7/8" (95 x 302 mm)	12" (305 mm)	18" (457 mm)	3" (76 mm)	7.60
54447	twenty four	20 each 2-3/4" x 2-7/8" (70 x 73 mm) and four 3-3/4" x 2-7/8" (95 x 73 mm)	12" (305 mm)	18" (457 mm)	3" (76 mm)	7.95
54448	thirty two	32 each 2-1/8" x 2-7/8" (54 x 73 mm)	12" (305 mm)	18" (457 mm)	3" (76 mm)	8.00

All dimensions are in inches and (millimeters).



Extra-Large Parts Storage Boxes & Slide Racks

Adjustable-Compartment Parts Box

- Movable dividers in this parts box allow compartment sections to be arranged and sized as desired.
- Three partitions, running from front to back, divide the box into four equal 4-1/2" x 12" (114 mm x 305 mm) sections.
- Nine straight metal dividers can be positioned anywhere between the partitions, in one-inch (25 mm) increments, to create the compartments desired.
- Boxes feature strong, rigid, heavy-duty welded construction.
- Full-length piano hinged covers are designed to stay open for ease of access.
- Each box has a carrying handle, positive pull-down locking catch.
- Boxes have a heavy, metallic-gray baked-enamel finish.
- Box compartments feature high-impact styrene construction.
- Scoop-bottom design for easy parts removal and cleaning.
- Fits four-drawer extra-large slide rack Cat. No. 54477.



54451

Cat. No.	Description	Length (Front to Back)	Width	Height	Weight (lbs.)
54451	adjustable-compartment parts drawer with three fixed partitions and nine movable dividers	12" (305 mm)	18" (457 mm)	3" (76 mm)	7.65
54480	optional set of 9 extra dividers				.40

Plastic Tool Boxes

Features:

Positive locking latches prevent accidental opening.

Comfortable carrying handles.

Large storage capacity.



54700

HI-VIZ color makes it easy to see anywhere on the jobsites.

Heavy-duty construction stands up to the rigors of transporting and on-the-job wear and tear.

Lightweight, plastic-resin construction is durable, strong, and impact resistant.



Plastic Tool Boxes

HI-VIZ 3-Tier Tool Box

Additional Features:

- Offers maximum space and organization in a compact unit.
- All the storage compartments nest for maximum storage in one compact unit.
- V-groove in lid to hold conduit or pipe for sawing.
- Top tray has compartments for small tools and parts.
- Tote tray holds larger tools and accessories.
- Tote and top tray have molded handles to carry separately.
- Large tub for big power tools.

Cat. No.	Capacity	Depth	Width	Height	Weight (lbs.)
54700	1,165 cu. in. (19,091 cu. cm.)	9" (229 mm)	16-1/4" (413 mm)	12-1/2" (318 mm)	5.15



54700

HI-VIZ Sit/Stand 3-Tier Tool Box

Additional Features:

- Lid has a no-slip surface and is strong enough to stand or sit on.
- Convenient, adjustable shoulder strap and top handle for carrying.
- Offers maximum space and organization in a compact unit.
- All the storage compartments nest for maximum storage in one compact unit.
- V-groove in lid to hold conduit or pipe for sawing.
- Top tray has compartments for small tools and parts.
- Tote tray holds larger tools and accessories.
- Large tub for big power tools.

Cat. No.	Capacity	Depth	Width	Height	Weight (lbs.)
54701	4,095 cu. in. (67,105 cu. cm.)	13-1/2" (343 mm)	20-3/4" (527 mm)	16-3/4" (425 mm)	13.40



54701

HI-VIZ Slide-Top Tool Box

Additional Features:

- Two slide-out cantilever trays to store small tools and supplies.
- Tray dividers are removable for flexible organization.
- Hinged tray cover keeps tools in place when closed.
- Trays features flip covers for quick and easy access.
- Bottom storage is large enough for power tools.

Cat. No.	Capacity	Depth	Width	Height	Weight (lbs.)
54705	1,269 cu. in. (20,795 cu. cm.)	10" (254 mm)	15" (381 mm)	10" (254 mm)	3.85



54705

All dimensions are in inches and (millimeters).



Block & Tackle

Klein's line of block and tackle is engineered for high-strength requirements.

FOR PROFESSIONALS . . . SINCE 1857®



Block & Tackle



Block and Tackle

Block and Tackle

- These are NOT occupational protective devices. NOT for human support.
- Light, galvanized-steel shell blocks are fitted with snubbing hooks to hold the load.
- Sheaves are strong, yet are lightweight aluminum alloy with all-bronze bushings.
- Available with standard snap hooks or guarded snap hooks (with snap hook nose lengthened to extend over the latch or keeper).
- Choice of forged hook Cat. No. 258 or swivel hook Cat. No. 259.
- Hooks fit under insulator and engage pin on cross arm.
- All Klein block and tackle use high-quality, 3/8" diameter rope.
- Catalog numbers followed by S/R have rope spliced to block.
- Maximum safe load is 750 lbs. (338 kg).



1802-30 S/R

Cat. No.	Description	Weight (lbs.)
1802-30	Blocks with standard snap hooks. Furnished with 25' (7.6 m) of 3/8" (10 mm) rope. Has Cat. No. 267 block with snap hook and a detachable forged anchor hook (Cat. No. 258) on one end, and block Cat. No. 268 with eye and rope tie-off hook on other end.	2.80
1802-30 S/R	same as Cat. No. 1802-30, but with rope spliced to Cat. No. 268 block	2.80
1802-30S	same as Cat. No. 1802-30, except supplied with a detachable swivel anchor hook (Cat. No. 259) instead of hook Cat. No. 258	2.85
1802-30S S/R	same as Cat. No. 1802-30S, but with rope spliced to Cat. No. 268 block	2.85
H1802-30	Blocks with guarded snap hooks. Furnished with 25' (7.6 m) of 3/8" (10 mm) rope. Has Cat. No. H267 block with guarded snap hook and a detachable forged anchor hook (Cat. No. 258) on one end and block Cat. No. H268 (with guarded snap hook, eye and rope tie-off hook) on other end.	2.90
H1802-30 S/R	same as Cat. No. H1802-30, but with rope spliced to Cat. No. H268 block	2.90
H1802-30S	same as Cat. No. H1802-30, except supplied with a detachable swivel anchor hook (Cat. No. 259) instead of hook Cat. No. 258	3.00
H1802-30S S/R	same as Cat. No. H1802-30S, but with rope spliced to Cat. No. H268 block	3.00

Anchor Hook

- Forged hook is designed to slip under insulator and engage pin of cross arm.
- Maximum safe load 750 lbs. (340 kg).
- Standard on Klein block & tackle Cat. Nos. 1802-30 and H1802-30.

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight (lbs.)
258	5/8" (16 mm)	1-7/8" (48 mm)	5-1/2" (140 mm)	.42



258

Swivel Anchor Hook

- Swivel clevis on this forged hook will engage with snap on Klein block & tackle Cat. Nos. 1802-30 and H1802-30.
- Swivel prevents twisting and kinking of rope.
- Maximum safe load 750 lbs. (340 kg).

Cat. No.	Swivel Opening	Throat Opening	Overall Length	Weight (lbs.)
259	1-3/16" x 1" (30 mm x 25 mm)	1-7/8" (48 mm)	6-1/2" (165 mm)	.40



259

All dimensions are in inches and (millimeters).

WARNING: These are NOT occupational protective devices. Do NOT use for human support.



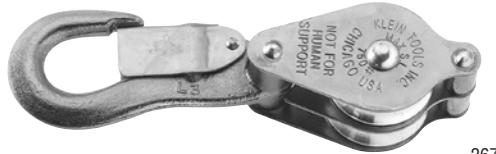
Heavy-Duty Snap Hook

- Snaps on with one hand.
- Forged hook may be used on many conventional steel blocks, 4" (102 mm) or smaller.
- Maximum safe load 8000 lbs. (3629 kg).



Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight (lbs.)
455	15/16" (24 mm)	1" (25 mm)	5" (127 mm)	.84

Blocks



267



268



H267



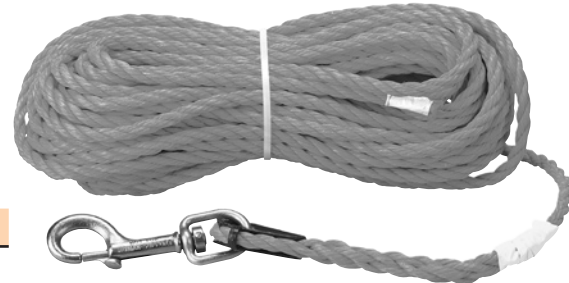
H268

- Blocks without ropes and hooks.
- Made of light galvanized steel and aluminum alloy.
- Sheaves have bronze bushings.

Cat. No.	Description	Weight (lbs.)
267	plain block	.76
H267	same as Cat. No. 267, but nose extends over keeper	.80
268	same as Cat. No. 267, but with eye to splice line to block and rope tie-off	.91
H268	same as Cat. No. 268, but nose extends over keeper	1.00

Polypropylene Hand-Lines with Snap Hook

- Made of 5/16" (8 mm) three-strand polypropylene rope spliced to eye of snap hook.
- Both lines 75' (23 m) long.
- Forged steel with swivel clevis and quick-acting plunger-style latch.



1804-60

Cat. No.	Description	Weight (lbs.)
1803-60	75' (23 m) of 5/16" (8 mm) rope with Cat. No. 443A snap. Maximum safe load 250 lbs. (113 kg)	2.45
1804-60	75' (23 m) of 5/16" (8 mm) rope with Cat. No. 470 swivel snap. Maximum safe load 250 lbs. (113 kg)	2.20

Swivel Hook with Plunger Latch

- Forged steel with swivel clevis and quick-acting plunger-style latch.
- Designed to take 1/2" (13 mm) or lighter hand lines.
- Swivel action prevents accidental fouling into secondary wires.
- Maximum safe load 750 lbs. (338 kg).



470

Cat. No.	Swivel Opening	Throat Opening	Overall Length	Weight (lbs.)
470	1-3/16" x 1" (30 mm x 25 mm)	5/8" (16 mm)	5" (127 mm)	.30

All dimensions are in inches and (millimeters).

WARNING: These are NOT occupational protective devices. Do NOT use for human support.



Block and Tackle

Snap Hook

- General-purpose forged snap hook with eye at 90° to opening.
- Maximum safe load 1500 lbs. (675 kg).

Cat. No.	Eye I.D.	Throat Opening	Overall Length	Weight (lbs.)
443A	1" (25 mm)	1/2" (13 mm)	5-1/2" (140 mm)	.52



443A

Howe Wire Tool

- Strap is made of tough nylon webbing.
- Swivel hook is forged steel with large opening.
- Shank of hook is lengthened to reach under insulator.
- Other end has device to hold the load at any distance.
- All metal parts are galvanized.
- Max. safe load 500 lbs. (225 kg).

Cat. No.	Description	Weight (lbs.)
1702-20N	nylon strap 1" (25 mm) wide, 7' (2.1 m) long	1.95



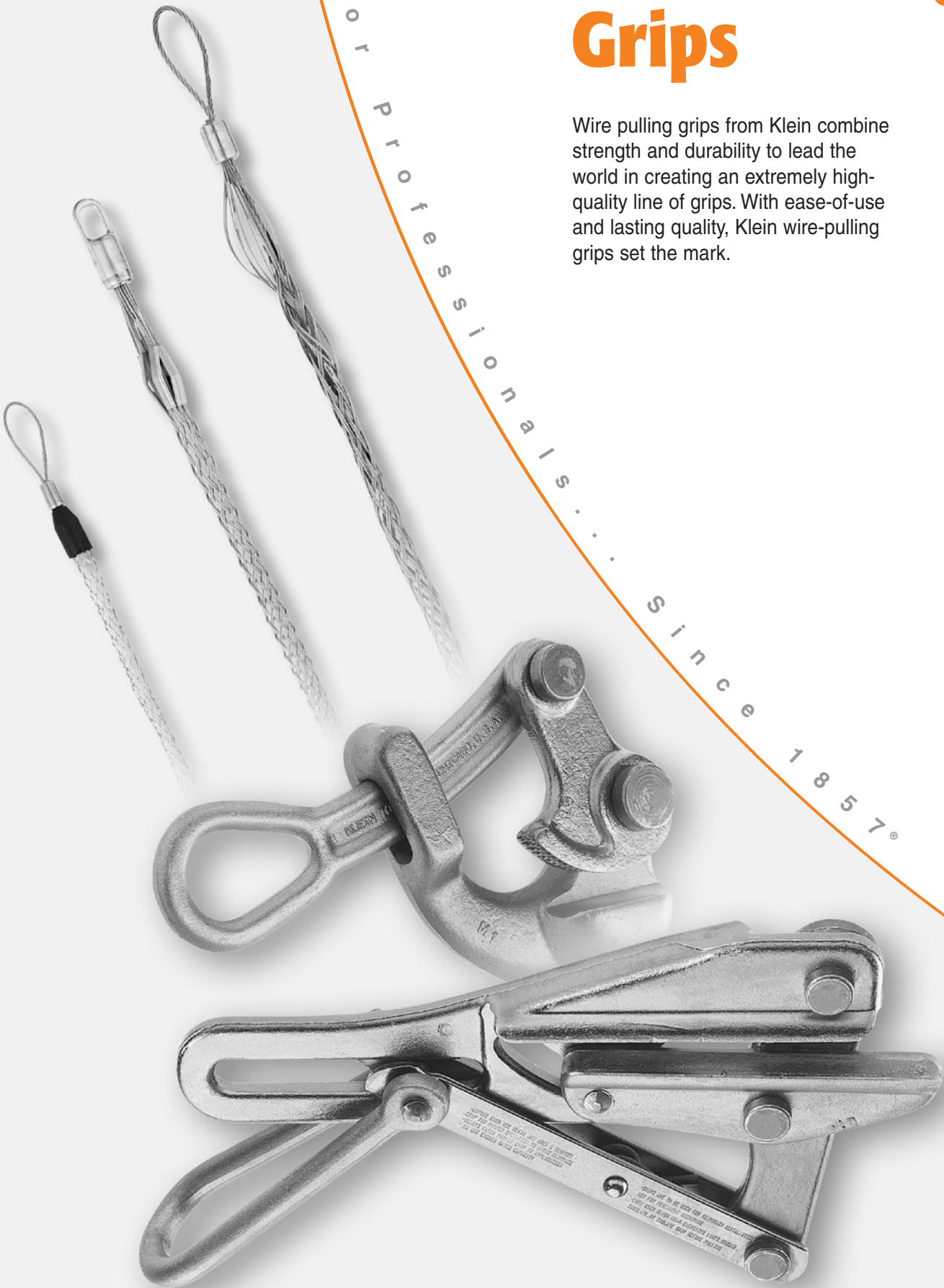
1702-20N



Wire Pulling Grips

Wire pulling grips from Klein combine strength and durability to lead the world in creating an extremely high-quality line of grips. With ease-of-use and lasting quality, Klein wire-pulling grips set the mark.

FOR PROFESSIONALS... SINCE 1857®



Wire Pulling Grips



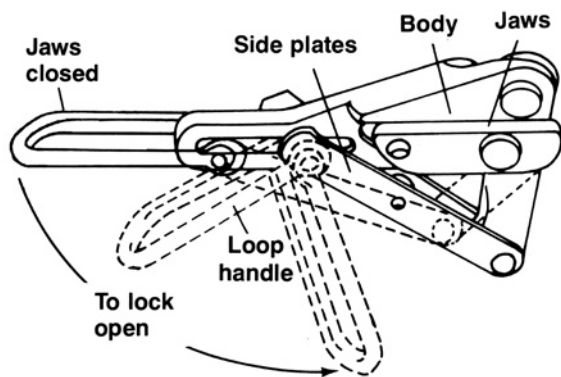
Introduction – Wire Pulling Grips

Forged-Steel Grips

- Total wire and cable-pulling capability for the power, utility, telecommunication, and many other industries.
- Klein Chicago® and Haven's™ Grips are widely used in the power, communications, and general construction fields to pull wire and cable, and to maintain temporary tension until it can be permanently terminated.
- Used for pulling up lines to tension only; not to be used as anchors.
- Complete line includes a type and size for every application, and for virtually every type of wire and cable, including:
 - Extra-high-strength cables, messenger, guy strand, and conductors
 - Bare wire
 - Large-diameter conductors
 - Bare ACSR, aluminum and stranded-copper cables
 - PVC-covered conductors
 - Weatherproof wire
 - Telephone cable

Klein Chicago® Grips

Locking loop handles are standard on most Chicago grips, and available on hot-line grips by adding the prefix letter “S” before catalog number. The locking feature allows the jaws to be held in an open position for easier placement on wire and cable. Also makes grip positioning easier than with wedge or bolt-on designs. To lock, open jaws and fold loop handle toward the side plates.



How to select the proper grip

Care should be taken in choosing grips to assure correct handling of wire and cable. Three basic factors determine the selection of the proper grip for each specific application:

1. Type of wire or cable.
2. Outside diameter of wire or cable.
3. Maximum safe load required.

All three of these factors are included in the description of each Klein grip along with the type of inside jaw contour available. Correct selection of gripping jaws is essential to avoid damage to wire or cable. In pulling stranded wire, the jaws should be long enough to take a full lay of cable to avoid damage to the conductor.

The tables in this grip section are supplied to assist you in determining outside diameters and breaking points of the various types and sizes of wire and cable in general use. For our recommendations of the proper grip to meet your needs, provide exact cable description and pulling requirements.

Inside-jaw contours

Klein Chicago® Grips are offered with three types of jaw contour: Single V, Double V, and Round. Each grip comes with the proper inside-jaw contour for the type of wire or cable to be worked.



Single V

Simple three-point contact jaws designed for use on small-diameter bare wire and cable (solid and stranded).

Double V

Four-point contact provides greater gripping pressure and assures proper alignment of wire and cable within the jaws. Designed for high-strength steel guy wire and messenger wire, and extra-high-strength cables and conductors.

Round

Round jaws provide maximum contact and gripping power to minimize conductor damage. This jaw design is recommended for use on bare aluminum, ACSR, and copper conductors.

Repair or replace?

Never repair any grip. Grip jaws can sometimes be replaced if the grip is returned to Klein, but structural wear or damage cannot be safely corrected. Grips that are bent, misaligned, or otherwise distorted should be discarded and replaced.

Before each use, check all grips for jaw condition, proper alignment of jaws and all parts, and possible distortion caused by exceeding safe-load specifications. Grips should operate smoothly. Spring-loaded grips should lock open with loop handle in “Down” position and should close automatically with loop handle “Up.”

The Klein parallel jaw grip may be tested by opening and closing the jaws by hand, exercising proper caution. All parts and rivets which may be distorted due to exceeding the safe load should be checked.

Recommended Care and Maintenance

The following guidelines have been established in order to maintain all grips in good condition:

1. **Clean the grip jaws.** Use emery cloth or a clean wire brush to periodically clean the surfaces of grip jaws. (Note: Aluminum-strand conductors may have a die-grease coating which can deposit on grip jaws. New aluminum conductors should be wiped clean before grip application. Grip jaws should be wiped clean of all grease before use.) Be sure to clean grip jaws before and after each use on wire or cable which has been galvanized or otherwise coated.
2. **Clean all working parts.** Use a high-quality degreaser to clean all joints and moving parts, then apply an appropriate lubricant.
3. **Check all parts.** Look carefully for distortion or misalignment.
4. **Never repair any grip.** If there is ever any question about the safe condition of any grip, please consult us directly. Please remember this rule.



Diameters, stranding, and ultimate strength of ACSR and all-aluminum bare cables

AWG or cmil Cable Size	ACSR				All-Aluminum			
	Code Word	Number of Alum. & Steel Strands	Diameter	Ultimate Strength in Pounds (Class A Galv. Steel)	Code Word	Number of Strands	Diameter	Ultimate Strength in Pounds
6	Turkey	6x1	.198"	1190	Peachbell	7	.184"	563
4	Swan	6x1	.250"	1860	Rose	7	.232"	881
4	Swanate	7x1	.257"	2360	—	—	—	—
2	Sparrow	6x1	.316"	2850	Iris	7	.292"	1350
2	Sparate	7x1	.325"	3640	—	—	—	—
1	Robin	6x1	.354"	3550	Pansy	7	.328"	1640
1/0	Raven	6x1	.398"	4380	Poppy	7	.368"	1990
2/0	Quail	6x1	.447"	5300	Aster	7	.414"	2510
3/0	Pigeon	6x1	.502"	6620	Phlox	7	.464"	3040
4/0	Penquin	6x1	.563"	8350	Oxlip	7	.522"	3830
266800 C.M.	Waxwing	18x1	.609"	6880	Daisy	7	.586"	4830
266800	Partridge	26x7	.642"	11,300	Laurel	19	.593"	4970
300000	Ostrich	26x7	.680"	12,700	—	—	—	—
336400	Oriole	30x7	.741"	17,300	Tulip	19	.666"	6150
336400	Linnet	26x7	.720"	14,100	—	—	—	—
397500	Lark	30x7	.806"	20,300	Canna	19	.724"	7110
397500	Ibis	26x7	.783"	16,300	—	—	—	—
477000	Hen	30x7	.883"	23,800	Cosmos	19	.792"	8360
477000	Hawk	26x7	.858"	19,500	Syringa	37	.795"	8690
500000	Heron	30x7	.904"	24,950	Zinnia	19	.811"	8760
500000	—	—	—	—	Hyacinth	37	.813"	9110
556500	Eagle	30x7	.953"	27,800	Dahlia	19	.856"	9750
556500	Dove	26x7	.927"	22,600	Mistletoe	37	.858"	9940
600000	—	—	—	—	Meadowsweet	37	.891"	10,700
605000	Squab	26x7	.966"	24,300	—	—	—	—
605000	Peacock	24x7	.953"	21,600	—	—	—	—
636000	Egret	30x19	1.019"	31,500	Orchid	37	.918"	11,400
636000	Grosbeak	26x7	.990"	25,200	—	—	—	—
636000	Goose	54x7	.977"	23,300	—	—	—	—
666600	Flamingo	24x7	1.000"	23,700	—	—	—	—
715500	Redwing	30x19	1.081"	34,600	Violet	37	.974"	12,800
715500	Starling	26x7	1.051"	28,400	Nasturtium	61	.975"	13,100
715500	Crow	54x7	1.036"	25,900	—	—	—	—
795000	Mallard	30x19	1.140"	38,400	Arbutus	37	1.026"	13,900
795000	Drake	26x7	1.108"	31,500	Lilac	61	1.028"	14,300
795000	Condor	54x7	1.092"	28,200	—	—	—	—
874500	Crane	54x7	1.146"	31,000	Anemone	37	1.076"	15,000
874500	—	—	—	—	Crocus	61	1.077"	15,800
900000	Canary	54x7	1.162"	31,900	—	—	—	—
954000	Cardinal	54x7	1.196"	33,800	Magnolia	37	1.124"	16,400
954000	—	—	—	—	Goldenrod	61	1.126"	16,900
1033500	Curlew	54x7	1.245"	36,600	Bluebell	37	1.170"	17,700
1113000	Finch	54x19	1.293"	39,100	Marigold	61	1.216"	19,700
1192500	Grackle	54x19	1.338"	41,900	Hawthorn	61	1.258"	21,100
1272000	Pheasant	54x19	1.382"	43,600	Narcissus	61	1.297"	22,000
1351500	Martin	54x19	1.424"	46,300	Columbine	61	1.339"	23,400
1431000	Plover	54x19	1.465"	49,100	Carnation	61	1.379"	24,300
1510500	Parrot	54x19	1.505"	51,700	—	—	—	—
1510500	—	—	—	—	Gladiolus	61	1.417"	25,600
1590000	Falcon	54x19	1.545"	54,500	Coreopsis	61	1.453"	27,000
80000	Grouse	8x1	.367"	5200	—	—	—	—
101800	Petrel	12x7	.461"	10,400	—	—	—	—
110800	Minorca	12x7	.481"	11,300	—	—	—	—
134600	Leghorn	12x7	.530"	13,600	—	—	—	—
159000	Guinea	12x7	.576"	16,000	—	—	—	—
176900	Dotterel	12x7	.607"	17,300	—	—	—	—
190800	Dorking	12x7	.631"	18,700	—	—	—	—
203200	Brahma	16x19	.714"	28,400	—	—	—	—
211300	Cochin	12x7	.664"	20,700	—	—	—	—

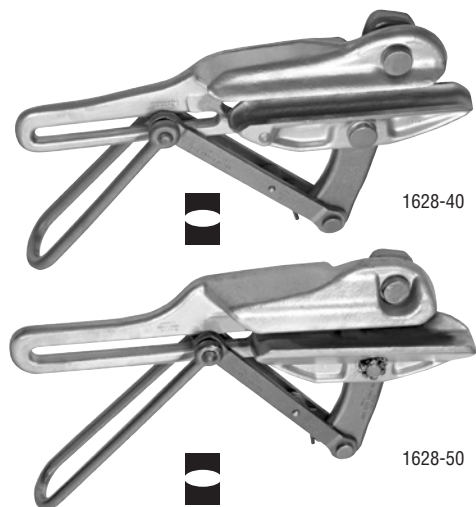
The above information is from data published by the Aluminum Association. For diameters of weatherproof cables, see table published by the manufacturer.



Chicago® Grips

Chicago® Grips – for Large Diameter Conductors

- Designed for hollow conductors and other large-diameter cables.
- Round jaws are shaped to provide maximum contact with the cable, virtually eliminating conductor damage.
- These grips are special order only. Please allow 30 days for delivery. These are not returnable.
- Cat. No. 1628-50 is furnished with removable floating jaw held in place by a bolt swaged into the lever arm of the grip, secured by a nut and cotter pin. Jaw must be removed to insert cable.
- Orders must specify exact outside diameter of cables, circular mills with strand combination, or manufacturer's code.
- Each grip is made for one-size cable only.



Cat. No.	Minimum Cable*	Maximum Cable*	Maximum Safe Load	Jaw Length	Approx. Weight Each
1628-16P	2 ACSR .31" (7.87 mm)	477,000 CM ACSR .88" (22.35 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	17 lbs. (7.73 kg)
1628-30**	477,000 CM ACSR .85" (21.59 mm)	1,033,500 CM ACSR 1.24" (31.50 mm)	20,000 lbs. (9090 kg)	10-3/4" (273 mm)	27 lbs. (12.27 kg)
1628-40**	1,033,500 CM ACSR 1.24" (31.50 mm)	1,590,000 CM ACSR 1.54" (39.12 mm)	25,000 lbs. (11,364 kg)	10-3/4" (273 mm)	34 lbs. (15.45 kg)
1628-50**	666,600 CM ACSR 1.00" (25.40 mm)	2,500,000 CM Alu. 1.82" (46.23 mm)	25,000 lbs. (11,364 kg)	10-3/4" (273 mm)	34 lbs. (15.45 kg)

*Minimum-maximum sizes listed indicate the unfinished size-range capability for each Cat. No. Each grip is finished to fit one specific cable size only within range shown.
 ** Maximum safe stringing tension 12,500 lbs to minimize conductor damage.

Chicago® Grips – for Bare ACSR, Aluminum, and Stranded-Copper Cables

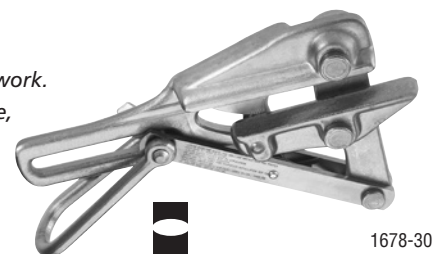
- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR, aluminum, and stranded-copper cables.
- Smooth jaws grip with maximum contact and are less likely to damage conductors.



Cat. No.	Minimum Cable*	Maximum Cable*	Maximum Safe Load	Jaw Length	Approx. Weight Each
1656-20	6 ACSR .20" (5.08 mm)	1/0 ACSR .40" (10.16 mm)	4500 lbs. (2045 kg)	4" (102 mm)	3 lbs. (1.36 kg)
1656-30	2 ACSR .31" (7.87 mm)	.53" (13.46 mm)	4500 lbs. (2045 kg)	4-3/4" (121 mm)	3.75 lbs. (1.70 kg)
1656-40	.53" (13.46 mm)	336,400 CM ACSR .74" (18.80 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-50	397,500 CM ACSR .74" (18.80 mm)	477,000 CM ACSR .86" (21.84 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-60	477,000 CM ACSR .86" (21.84 mm)	605,000 CM ACSR .96" (24.38 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.20 lbs. (3.71 kg)

Chicago® Grips – for Aluminum Conductors

- Lightweight grips designed for use on aluminum conductors in distribution work.
- Round jaws shaped to provide maximum contact with circumference of cable, less likely to damage conductors.
- Supplied with spring and locking loop handles, allowing jaws to be held in open position for easier placement on cable.
- Can be supplied with hot-line latch on special order.



Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1678-20	.96" (24.38 mm)	1.02" (25.91 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	8.30 lbs. (3.76 kg)
1678-30	1.02" (25.91 mm)	1.08" (27.43 mm)	5500 lbs. (2500 kg)	5-11/16" (144 mm)	8.20 lbs. (3.71 kg)
1678-40	1.08" (27.43 mm)	1.14" (28.96 mm)	5500 lbs. (2500 kg)	5-11/16" (144 mm)	8.20 lbs. (3.71 kg)
1678-50	1.14" (28.96 mm)	1.20" (30.48 mm)	5500 lbs. (2500 kg)	5-11/16" (144 mm)	7.90 lbs. (3.58 kg)

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

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

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

▲WARNING: Do not exceed rated capacity.

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

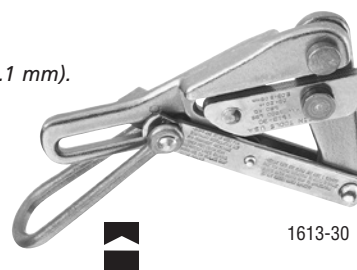
▲WARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



Chicago® Grips – for Bare Wire

- Designed for working with solid and stranded bare wire from .08" (2 mm) to .20" (5.1 mm).
- Lightweight, especially economical grip.
- Single "V" groove jaw.

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1613-30	12 B&S solid .08" (2.03 mm)	4 B&S solid .20" (5.08 mm)	1500 lbs. (680 kg)	3" (76 mm)	1.50 lbs. (.68 kg)



Chicago® Grips – for Weatherproof Wire

- Round inside jaw contour for weatherproof coated wire.
- Notches in jaw provide firm grip on insulation.

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1611-20	.20" (5.08 mm)	.40" (10.16 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1611-30	.31" (7.87 mm)	.53" (13.46 mm)	4500 lbs. (2045 kg)	4-3/4" (121 mm)	3.75 lbs. (1.70 kg)
1611-40	.53" (13.46 mm)	.74" (18.80 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	7.75 lbs. (3.52 kg)
1611-50	.78" (19.81 mm)	.88" (22.35 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	7.75 lbs. (3.52 kg)

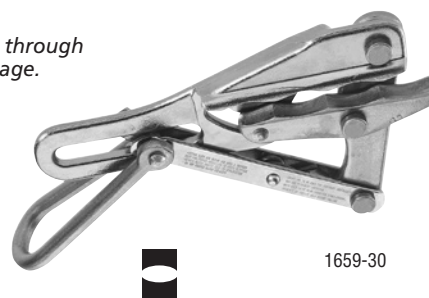
Note: Due to various types of weatherproof coatings available, selection of proper grips is determined by outside diameter of cable.



Chicago® Grips – for PVC-Covered Conductors

- Serpentine jaws are specially machined to allow insertion of insulated conductor through the jaws, which reduces danger of slippage which might result in insulation damage.
- Eliminates necessity of stripping insulation from conductor.
- Round inside-jaw contour.

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1659-20	.20" (5.08 mm)	.42" (10.67 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1659-30	.31" (7.87 mm)	.50" (12.70 mm)	4500 lbs. (2045 kg)	4-3/4" (121 mm)	3.75 lbs. (1.70 kg)
1659-40	.49" (12.45 mm)	.79" (20.07 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	7.75 lbs. (3.52 kg)
1659-50	.79" (20.07 mm)	1.01" (25.56 mm)	8000 lbs. (3636 kg)	5-11/16" (144 mm)	7.75 lbs. (3.52 kg)



OSHA Information: OSHA requires that all hand tools and equipment be maintained in good working order and that they be free from damage caused by wear or abuse (OSHA Part 1910, Subpart P, Section 1910.242). In addition, OSHA Part 1926, Subpart V, Section 1926.955, paragraph (C) (7) (ii) and (C) (8) specifically state that: "The manufacturer's load rating shall not be exceeded for stringing lines, pulling lines, sock connectors, and all load-bearing hardware and accessories." "Conductor grips shall not be used on wire rope unless designed for this application."

Chicago® Grips – for Extra-High-Strength Cables, Messenger, Guy Strand, and Conductors

- A family of grips designed for cable sizes from .12" (3.10 mm) to 1" (25.4 mm).
- Double "V" grooves give four-point contact, reducing chance of slipping and providing proper alignment of wire and cable.
- For larger conductors, see our grips with round inside-jaw contour.

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1613-40	.12" (3.05 mm)	.37" (9.40 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1684-5	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.25 lbs. (2.84 kg)
1692-5	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.40 lbs. (2.89 kg)
1684-5F*	.16" (4.06 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.25 lbs. (2.84 kg)
1628-16	.31" (7.87 mm)	.62" (15.75 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	15.30 lbs. (7.00 kg)
1628-17	.50" (12.70 mm)	.75" (19.05 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	16.30 lbs. (7.40 kg)
1628-18	.75" (19.05 mm)	1.00" (25.40 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	15.70 lbs. (7.10 kg)

* Similar to Cat. No. 1684-5 except with a file inserted in jaw for extra gripping power. Replacement file No. 578 and screws No. 573 are also available.



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

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

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

▲WARNING: Do not exceed rated capacity.

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

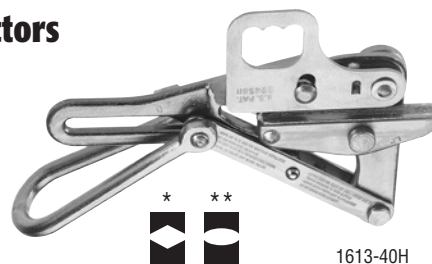
▲WARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



Chicago® Grips

Chicago® Grips – with Hot-Line Latch for Bare Conductors

- Hot-line grips for both bare and insulated conductors.
- Grip may be placed on wire with hot-line stick.
- When stick is removed, latch closes automatically to guard against grip accidentally disengaging from wire.
- Standard hot-line grips are not supplied with springs or lock-open features.
- When springs or lock-open features are desired, add prefix letter "S" before catalog number (example: S1684-5H).



1613-40H

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
*1613-40H	8 B&S solid .12" (3.05 mm)	1/0 B&S strand .37" (9.40 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3.20 lbs. (1.45 kg)
*1684-5H	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.50 lbs. (3.00 kg)
**1656-20H	6 ACSR .20" (5.08 mm)	1/0 ACSR .40" (10.16 mm)	4500 lbs. (2045 kg)	4-3/16" (106 mm)	3.20 lbs. (1.45 kg)
**1656-30H	2 ACSR .31" (7.87 mm)	.53" (13.46 mm)	4500 lbs. (2045 kg)	4-7/8" (124 mm)	4 lbs. (1.81 kg)
**1656-40H	.53" (13.46 mm)	336,400 CM ACSR .74" (18.80 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.50 lbs. (3.85 kg)
**1656-50H	.74" (18.80 mm)	.86" (21.84 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.50 lbs. (3.85 kg)
**1656-60H	477,000 CM ACSR .86" (21.84 mm)	605,000 CM ACSR .96" (24.38 mm)	8000 lbs. (3636 kg)	5-1/2" (140 mm)	8.40 lbs. (3.81 kg)

Chicago® Grips – Curved-Jaw Grips for EHS Cable

- When pulling EHS (extra-high-strength) galvanized-steel cable, the galvanizing has a tendency to coat the jaws of any grip, causing the cable to slip.
- To reduce the possibility of slippage and damage to the cable, the jaws of this grip are milled on a curve with a double "V" contour.
- Cat. No. S1684-74H available with hot-line latch and spring.



1684-74

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1684-74	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.30 lbs. (2.85 kg)
S1684-74H*	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.50 lbs. (2.95 kg)

*Hot-line latch and spring.

Chicago® Grips – Bell-System Type Grips

- Cat. No. 1684-5AT is identical to Bell-System type "L" strand puller.
- Cat. No. 1628-16AT is identical to Bell-System type "H" strand puller.
- All are equipped with chain, toggle, and shackle.



1684-5AT

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1684-5AT	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.90 lbs. (3.13 kg)
1628-16AT	.31" (7.87 mm)	.62" (15.75 mm)	15,000 lbs. (6818 kg)	7-1/4" (184 mm)	15.80 lbs. (7.16 kg)
1692-5AT	.218" (5.54 mm)	.55" (13.97 mm)	8000 lbs. (3636 kg)	5" (127 mm)	6.60 lbs. (3.00 kg)

For support wire .134 and larger, refer to 1659 series. Outside diameter of support wire includes thickness of polyethylene coating.

Chicago® Grips – Type "B" Strand Puller

- Similar to Bell-System type "B" strand puller.
- Designed to pull 1/4" (6.35 mm) figure-8 telephone cable.
- Serpentine grooves grip insulation on strand, preventing slippage.
- Equipped with chain, toggle, and shackle.



1659-5AT

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1659-5AT	.20" (5.08 mm)	.37" (9.40 mm)	5000 lbs. (2268 kg)	5" (127 mm)	6.70 lbs. (3.03 kg)

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

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

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

⚠WARNING: Do not exceed rated capacity.

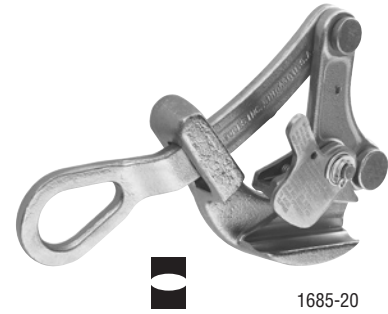
⚠WARNING: Always match proper size and type of grip to application.

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



Parallel-Jaw Grips

- Lightweight, compact grips pull an exceptionally wide range of cable sizes and types.
- Designed with a round inside-jaw contour for maximum contact to minimize conductor damage.
- Lower jaw is serrated to firmly grip insulated cables and conductors.
- Design includes a latch that prevents the grip from falling in case of jaw disengagement from the cable.
- Large-diameter eye accommodates large hooks on hoists, winches, and tackle blocks.

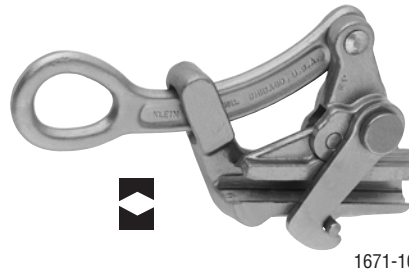


1685-20

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1685-20	.157" (4 mm)	.886" (22 mm)	4500 lbs. (2045 kg)	2.50" (64 mm)	3 lbs. (1.3 kg)
1685-31	.625" (16 mm)	1.250" (32 mm)	7500 lbs. (3409 kg)	4.50" (114 mm)	5 lbs. (2.3 kg)

Parallel-Jaw Grips

- Longer jaws achieve a firm hold, reducing possibility of slippage and damage to cable.
- Design includes a latch, plus a large-diameter eye that accommodates large hooks on hoists, winches, and tackle blocks.
- When latch is closed, it helps maintain cable position in grip jaws.
- Cat. No. 1686-20 is the same as Cat. No. 1686-10 but with knurled jaws.
- Cat. No. 1672-10 is the same as Cat. No. 1671-10 but with knurled jaws.



1671-10

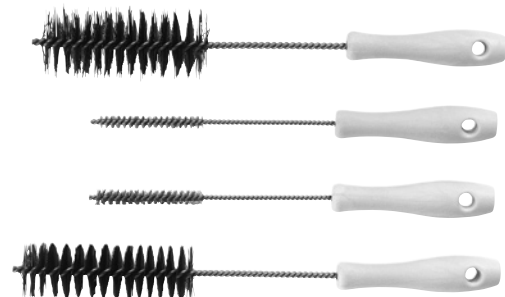


1672-10

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Jaw Length	Approx. Weight Each
1686-10	.20" (5.08 mm)	.40" (10.16 mm)	10,000 lbs. (4545 kg)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1686-20	.20" (5.08 mm)	.40" (10.16 mm)	10,000 lbs. (4545 kg)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1671-10	.37" (9.40 mm)	.75" (19.05 mm)	10,000 lbs. (4545 kg)	4-3/8" (111 mm)	5 lbs. (2.27 kg)
1672-10	.37" (9.40 mm)	.75" (19.05 mm)	10,000 lbs. (4545 kg)	4-3/8" (111 mm)	5 lbs. (2.27 kg)

Grip-Cleaning Brush Set

- Set of four wire-bristle brushes designed for cleaning Klein wire- and cable-pulling grips.
- Brushes have stiff wire bristles.
- Available in round and square shapes and two lengths for efficient cleaning of different jaw configurations.
- Semi-flexible steel shafts set into comfortable wooden handles provide the necessary reach into grip jaws.
- Illustrated general grip care and maintenance instructions are included.



25450

Cat. No.	Set Contains	Weight
25450		1.00
	Description	Size
	round-bristle	3/8" x 3" (10 mm x 76 mm)
	square-bristle	3/8" x 3" (10 mm x 76 mm)
	round-bristle	1-9/16" x 5" (40 mm x 127 mm)
	square-bristle	1-9/16" x 5" (40 mm x 127 mm)
		Length
		12" (305 mm)
		14" (356 mm)

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

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

▲WARNING: Do not exceed rated capacity.

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

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



Haven's™ Grips

Klein Haven's™ Grips

- Designed for use when light, compact grip is desired and where conductor damage is not a factor.
- Gripping pressure of the knurled jaw is applied to 1/4" (6.35 mm) cable area.
- Cat Nos. 1604-20L and 1625 series have a swing latch to help hold cable in the jaw.



1604-20

AWG/B&S Wire Gauges

Diameters of American (AWG) or Brown & Sharpe (B&S) Wire Gauges

No. of Wire Gauge	American (AWG) or Brown & Sharpe (B&S)	No. of Wire Gauge	American (AWG) or Brown & Sharpe (B&S)
0000	.460"	19	.03589"
000	.40964"	20	.031961"
00	.3648"	21	.028462"
0	.32486"	22	.025347"
1	.2893"	23	.022571"
2	.25763"	24	.0201"
3	.22942"	25	.0179"
4	.20431"	26	.01594"
5	.18194"	27	.014195"
6	.16202"	28	.012641"
7	.14428"	29	.011257"
8	.12849"	30	.010025"
9	.11443"	31	.008928"
10	.10189"	32	.00795"
11	.090742"	33	.00708"
12	.080808"	34	.006304"
13	.071961"	35	.005614"
14	.064084"	36	.005"
15	.057068"	37	.004453"
16	.05082"	38	.003965"
17	.045257"	39	.003531"
18	.04030"	40	.003144"

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Approx. Weight Each
1604-10	14 B&S .06" (1.52 mm)	2 B&S .25" (6.35 mm)	2500 lbs. (1136 kg)	1 lb. (.45 kg)
1604-20	8 B&S solid .125" (3.18 mm)	steel strand .50" (12.70 mm)	5000 lbs. (2272 kg)	2.08 lbs. (1.14 kg)



1604-20L

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Approx. Weight Each
1604-20L	8 B&S solid .125" (3.18 mm)	steel strand .50" (12.70 mm)	5000 lbs. (2272 kg)	2.08 lbs. (1.14 kg)



1625-20

Cat. No.	Minimum Cable	Maximum Cable	Maximum Safe Load	Approx. Weight Each
1625-20	1 B&S .28" (7.11 mm)	wire rope .75" (19.05 mm)	8000 lbs. (3636 kg)	4 lbs. (1.81 kg)
1625-20 7/8	.38" (9.65 mm)	wire rope .88" (22.35 mm)	8000 lbs. (3636 kg)	4 lbs. (1.81 kg)
1625-20 1	.50" (12.70 mm)	wire rope 1" (25.40 mm)	8000 lbs. (3636 kg)	4 lbs. (1.81 kg)

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

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

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

▲WARNING: Do not exceed rated capacity.

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

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



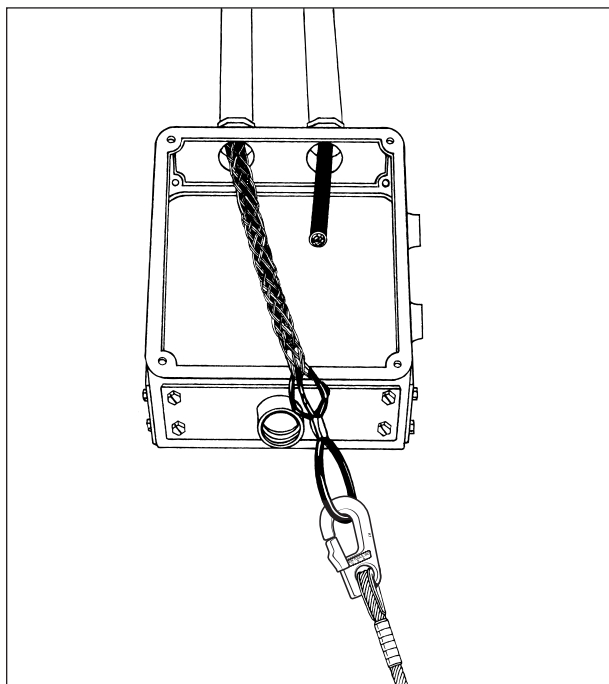
Introduction – Wire-Mesh Grips

Klein mesh pulling-grips are used for pulling overhead or underground cable, for stringing service or communication lines into buildings, for pulling wire through conduit, and for general underground construction.

Klein grips may be used for pulling bare or insulated wires, and wire rope. They install quickly and easily, and are designed to pass readily through ducts, conduit, blocks, and sheaves.

Klein grips are reusable and do not damage the cable because pulling tension remains uniform along the length of the grip. The mesh will fit either a single cable, or a bundle of cables.

Klein pulling grips are woven of galvanized steel – strong and long lasting.



General Application Information

KPJ junior-duty series is used for small-job requirements where pulling tensions are low. Typical uses are to connect insulated building wire bundles to pulling tape, and pull through conduit.

KPL light duty grips are economical for applications such as industrial plant wiring and rewiring jobs, and in underground electrical construction where pulling tensions are low.

KPM medium-duty grips are flexible and easily handled, ideal for use where the exceptional strength of heavy-duty grips is not required.

KP and **KPS** series are recommended for heavy-duty application for underground installations. The **KPS** series has a “rotating eye” to allow twists in the cable to spin out during slack periods.

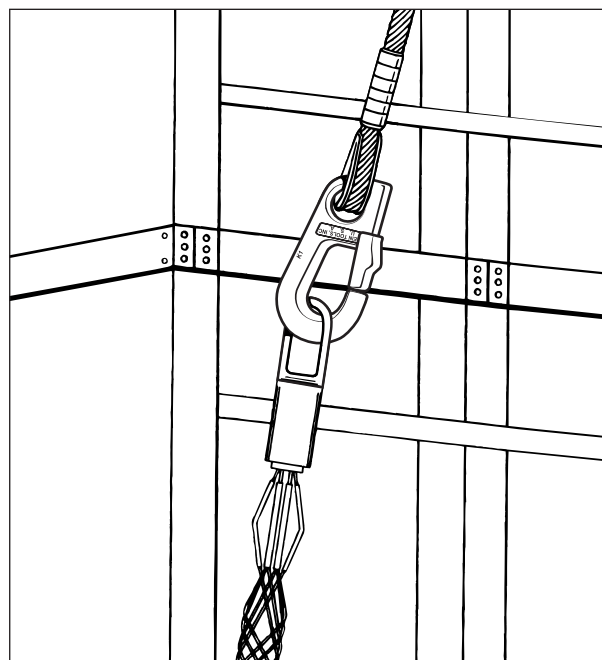
KSCK medium-duty slack-pulling grips with closed double-weave mesh are used for final placement of underground cable where cable end is available, or for removing cable. Standard lengths are used in restricted space for short pulls. Where space is not restricted, longer lengths are used for higher pulling loads.

KSSK medium-duty slack-pulling grip applications are similar to the **KSCK** series except they are used where cable end is not available. Double-weave split mesh has lace closure.

KSRK light-duty slack-pulling grips are split mesh, single-weave design with rod closure for quick installation. Application areas similar to **KSSK** series, except mesh lengths are shorter and are for lower pulling loads.

Prefix Letter Code

KP	Pulling, Heavy-Duty, Closed-Mesh, Double-Weave, Flexible Eye
KPJ	Pulling, Junior-Duty, Closed-Mesh, Single-Weave, Flexible Eye
KPL	Pulling, Light-Duty, Closed-Mesh, Single-Weave, Flexible Eye
KPM	Pulling, Medium-Duty, Closed-Mesh, Double-Weave, Flexible Eye
KPS	Pulling, Heavy-Duty, with Rotating Eye, Closed-Mesh, Double-Weave
KSCK	Slack-Pulling, Closed-Mesh, Double-Weave, Offset Flexible Eye
KSSK	Slack-Pulling, Split-Mesh, Double-Weave, Lace Closure, Offset Flexible Eye
KSRK	Slack-Pulling, Split-Mesh, Single-Weave, Rod Closure, Offset Flexible Eye



Catalog Number Explanation

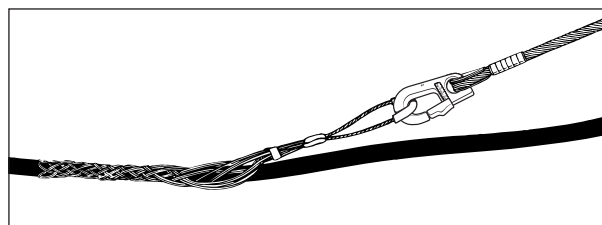
KPS	—	050	—	2
Grip Type* and Mesh		Cat. No.** Size Code		Final Digit, if any, refers to mesh length range or actual dimension.

* See Prefix Letter Code explanation.

** On Junior-duty grips, initial digit “0” is omitted in Cat. No.

Example:

Cat. No. **KPS-050-2** is a heavy-duty pulling grip with a rotating eye, for use with cable diameters from .50" to .61", with medium-length mesh.



Introduction – Wire-Mesh Grips

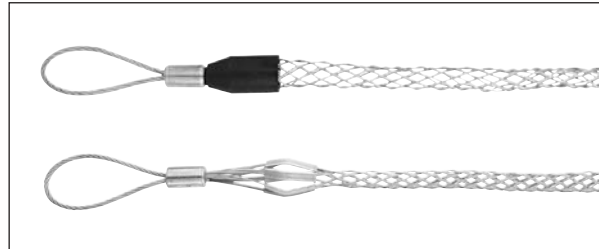
How to select proper grip eye and mesh type

There are three basic styles of pulling grips, together with a choice of wire mesh types and lengths to meet a wide variety of pulling requirements.

1. Flexible Eye: Closed Mesh

KPJ/KPL/KPM/KP

This pulling-grip eye allows maximum flexibility to follow the line of pull, and is used when the end of the cable is available. Mesh selection depends on the weight of the material being pulled. Closed-mesh, single weave, flexible-eye grips are offered in lengths for junior-duty and light-duty use; closed-mesh, double-weave, flexible-eye grips are offered for medium-duty and heavy-duty use.



2. Rotating Eye: Closed Mesh

KPS

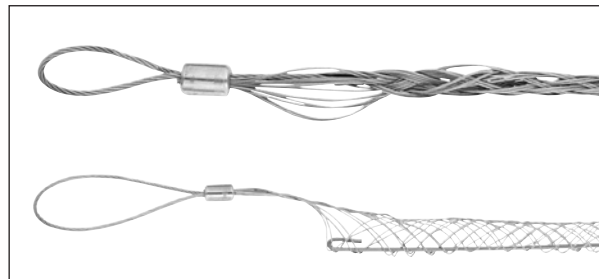
Recommended for heavier pulling jobs and underground wiring, this pulling grip eye is furnished on double-weave mesh grips in a wide range of lengths. The rotating eye compensates for pulling torque, relieving strain on the cable. **Rotating-eye grips should not be used on rope or as a swivel.**



3. Offset Flexible Eye: Closed and Split Mesh

KSCK/KSSK/KSRK

These slack-pulling grips come in three styles: (1) double-weave closed-mesh (for medium duty where the end of the cable is available), (2) double-weave split-mesh with lace closure (medium duty, where cable end is not available) and (3) single-weave split-mesh with rod closure (light duty, where cable end is not available).



How grips are attached to cable

Closed-mesh grips

Closed-mesh grips simply slip over the cable where the cable end is accessible.

Split-mesh grips

Split-mesh grips are used when the end of the cable is not available. The grip is folded around the cable, and secured with a wire lace or steel rod (supplied with the grip) as follows:

1. Split mesh with lace closure

Start at the lead end of the grip, threading the lace through the first two loops of the split, then pulling it through until ends are centered evenly. Cross the lace ends and thread through next two loops, and so on down the grip. Do not pull lacing too tight. Spacing of laced closure should be about the same as the mesh weave. When the end of the grip is reached, twist lacing strands tightly together; wrap ends of lace around grip, and twist again to secure. Excess may be cut off.

2. Split mesh with rod closure

Split-mesh grips with rod closure can be quickly installed. Simply wrap the grip around the cable, then thread the rod through the loops, using a cork-screw motion. To remove, pull the rod out, and the grip is ready for re-use.

Design Strength

Applications and conditions of use for Klein mesh pulling grips vary so widely that it is impossible to set any meaningful standard for “breaking strength.”

With wire-mesh pulling grips, the holding power achieved is directly related to the length of mesh. The longer the mesh, the firmer the grip on the cable. For smaller-diameter cable, or where the weight to be pulled is less, short mesh grips will serve the purpose.



How to select the proper pulling grip for your application

1. Select the proper pulling-grip series (Prefix Letter Code... e.g. KPS) based on the "General Application Information" descriptions in the Wire-Mesh Grips Introduction on preceding pages.
2. Select grip size based on the outside diameter or circumference of the cable(s) to be pulled. Refer to reference tables (on this and following page) for convenience in determining cable diameters.
3. Use Pulling-Grip Selection Tables (on this and following page) to determine the "Size" portion of the Catalog Number for the cable diameter required. In the ordering tables (see following pages) this "Size" code is incorporated within the catalog number under the various grip-type classifications.

Table 1

Pulling Grip Selection Table for One or More Cables of Equal Diameter to Be Pulled in One Grip

1. Read across on top line for number of cables in one grip.
2. Read down for diameter of each cable.
3. Use Cat. No. size code to select catalog number of the required size grip.

Example:

3 Cables, each with diameter of 1.31" use grip with Cat. No. Size Code 250.

Cable Diameters in Decimal Inches

1 Cable	2 Cables	3 Cables	4 Cables	5 Cables	6 & 7 Cables	8 Cables	9 Cables	Cat. No. Size Code	Grip Diam. Range
0.25-0.37	0.16-0.25	0.15-0.22	0.12-0.20	0.11-0.14	0.10-0.11	0.09-0.10	0.06-0.09	025	0.12-0.37
0.37-0.50	0.25-0.36	0.22-0.33	0.20-0.28	0.14-0.25	0.11-0.25	0.10-0.20	0.09-0.19	037	0.37-0.50
0.50-0.62	0.27-0.36	0.26-0.33	0.24-0.28	0.21-0.25	0.19-0.22	0.17-0.20	0.15-0.19	050	0.50-0.62
0.62-0.75	0.36-0.45	0.33-0.36	0.28-0.31	0.25-0.29	0.22-0.26	0.20-0.23	0.19-0.22	062	0.62-0.75
0.75-1.00	0.45-0.60	0.36-0.49	0.31-0.42	0.29-0.38	0.26-0.34	0.23-0.31	0.22-0.31	075	0.75-1.00
1.00-1.25	0.60-0.76	0.49-0.63	0.42-0.54	0.38-0.48	0.34-0.43	0.31-0.39	0.29-0.36	100	1.00-1.25
1.25-1.50	0.76-0.91	0.63-0.76	0.54-0.65	0.48-0.58	0.43-0.52	0.39-0.46	0.36-0.43	125	1.25-1.50
1.50-1.75	0.91-1.08	0.76-0.89	0.65-0.77	0.58-0.67	0.52-0.60	0.46-0.54	0.43-0.49	150	1.50-1.75
1.75-2.00	1.08-1.23	0.89-1.02	0.77-0.88	0.67-0.77	0.60-0.69	0.54-0.62	0.49-0.57	175	1.75-2.00
2.00-2.50	1.23-1.54	1.02-1.28	0.88-1.10	0.77-0.96	0.69-0.86	0.62-0.77	0.57-0.72	200	2.00-2.50
2.50-3.00	1.54-1.84	1.28-1.53	1.10-1.32	0.96-1.16	0.86-1.03	0.77-0.93	0.72-0.86	250	2.50-3.00
3.00-3.50	1.84-2.15	1.53-1.79	1.32-1.54	1.16-1.35	1.03-1.20	0.93-1.08	0.86-1.00	300	3.00-3.50
3.50-4.00	2.15-2.45	1.79-2.05	1.54-1.76	1.35-1.54	1.20-1.37	1.08-1.24	1.00-1.14	350	3.50-4.00

Cable Diameters in Fractional Inches

1 Cable	2 Cables	3 Cables	4 Cables	5 Cables	6 & 7 Cables	8 Cables	9 Cables	Cat. No. Size Code	Grip Diam. Range
1/4-3/8	1/64-1/4	5/32-7/32	1/8-13/64	7/64-9/64	3/32-7/64	3/32-7/64	1/16-3/32	025	1/8-3/8
3/8-1/2	1/4-23/64	7/32-21/64	13/64-9/32	9/64-1/4	7/64-1/4	7/64-13/64	3/32-3/16	037	3/8-1/2
5/8-3/4	23/64-29/64	21/64-23/64	9/32-5/16	1/4-19/64	7/32-17/64	13/64-15/64	3/16-7/32	050	1/2-5/8
1/2-5/8	17/64-23/64	7/64-21/64	15/64-9/32	7/32-1/4	3/16-7/32	11/64-13/64	5/32-3/16	062	5/8-3/4
3/4-1	29/64-39/64	23/64-31/64	5/16-27/64	19/64-3/8	17/64-11/32	15/64-5/16	7/32-5/16	075	3/4-1
1-1-1/4	39/64-49/64	31/64-5/8	27/64-35/64	3/8-31/64	11/32-7/16	5/16-25/64	19/64-23/64	100	1-1-1/4
1-1/4-1-1/2	49/64-29/32	5/8-49/64	35/64-21/32	31/64-37/64	7/16-33/64	25/64-15/32	23/64-7/16	125	1-1/4-1-1/2
1-1/2-1-3/4	29/32-1-5/64	49/64-57/64	21/32-49/64	37/64-43/64	33/64-39/64	15/32-35/64	7/16-31/64	150	1-1/2-1-3/4
1-3/4-2	1-5/64-1-15/64	57/64-1-1/64	49/64-7/8	43/64-49/64	39/64-11/16	35/64-5/8	31/64-37/64	175	1-3/4-2
2-2-1/2	1-15/64-1-35/64	1-1/64-1-9/32	7/8-1-3/32	49/64-31/32	11/16-55/64	5/8-49/64	37/64-23/32	200	2-2-1/2
2-1/2-3	1-35/64-1-27/32	1-9/32-1-17/32	1-3/32-1-21/64	31/32-1-5/32	55/64-1-1/32	49/64-15/16	23/32-55/64	250	2-1/2-3
3-3-1/2	1-27/32-2-5/32	1-17/32-1-51/64	1-21/64-1-35/64	1-5/32-1-23/64	1-1/32-1-13/64	15/16-1-5/64	55/64-1	300	3-3-1/2
3-1/2-4	2-5/32-2-29/64	1-51/64-2-3/64	1-35/64-1-49/64	1-23/64-1-35/64	1-13/64-1-3/8	1-5/64-1-15/64	1-1-9/64	350	3-1/2-4



Introduction – Wire-Mesh Grips

Table 2

Pulling-Grip Selection Table for Cables of Different Diameters to Be Pulled in One Grip

Grip Circumference Range		Cat. No. Size Code	Grip Diameter Range	
Fractional Inches	Decimal Inches		Fractional Inches	Decimal Inches
25/32-1-11/64	.78-1.17	025	1/8-3/8	.12-.37
1-11/64-1-37/64	1.17-1.57	037	3/8-1/2	.37-.50
1-37/64-1-15/16	1.57-1.94	062	1/2-5/8	.50-.62
1-37/64-2-3/8	1.57-2.37	050	5/8-3/4	.62-.75
2-3/8-3-5/32	2.37-3.15	075	3/4-1	.75-1.00
3-5/32-3-15/16	3.15-3.94	100	1-1-1/4	1.00-1.25
3-15/16-4-23/32	3.94-4.72	125	1-1/4-1-1/2	1.25-1.50
4-23/32-5-33/64	4.72-5.51	150	1-1/2-1-3/4	1.50-1.75
5-33/64-6-19/64	5.51-6.29	175	1-3/4-2	1.75-2.00
6-19/64-7-55/64	6.29-7.86	200	2-2-1/2	2.00-2.50
7-55/64-9-7/16	7.86-9.43	250	2-1/2-3	2.50-3.00
9-7/16-11-1/64	9.43-11.01	300	3-3-1/2	3.00-3.50
11-1/64-12-37/64	11.01-12.58	350	3-1/2-4	3.50-4.00

“Grip Circumference Range” refers to circumference of all cables held together.

1. Determine grip circumference range by measuring circumference of bundle of cables to be held.
2. Read down to locate correct range.
3. Read across for catalog number size code.

Example:

For four cables together with circumference of 6.35", use grip containing catalog number size code "200".

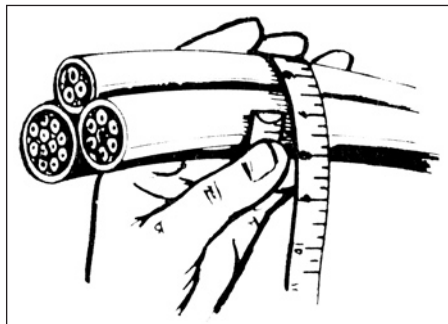


Table 4

Reference Table: AWG Wire Sizes

For your convenience, the following are representative Portable Cord diameters.

AWG Wire Size & Type	Conductors							
	2		3		4		5	
	①	②	①	②	①	②	①	②
18 SO, STO	.390	.390	.410	.405	.440	.435	.500	.495
18 SJO, SJTO	.310	.300	.330	.330	.360	.360	-	-
16 SO, STO	.410	.405	.430	.430	.490	.485	.530	.525
16 SJO, SJTO	.330	.330	.340	.360	.390	.390	-	-
14 SO, STO	.530	.530	.560	.560	.610	.605	.680	.685
12 SO, STO	.610	.605	.640	.640	.680	.670	.750	.730
10 SO, STO	.650	.640	.690	.695	.750	.820	.815	-
8 SO, STO	.810	.810	.910	.910	.990	.990	1.080	1.080
6 SO, STO	.930	.930	1.010	1.010	1.100	1.100	1.200	1.200

Table 3

Reference Table: Dimension Conversions for Ordering Tables

Decimal Inches	Fractional Inches	Metric Dimensions (mm)
0.12-0.24	1/8-15/64	3.17-5.95
0.25-0.36	1/4-23/64	6.35-9.13
0.37-0.49	3/8-31/64	9.52-12.30
0.50-0.61	1/2-39/64	12.70-15.48
0.62-0.74	5/8-47/64	15.88-18.65
0.75-0.99	3/4-63/64	19.05-25.00
1.00-1.24	1-1-15/64	25.40-31.35
1.25-1.49	1-1/4-1-31/64	31.75-37.70
1.50-1.99	1-1/2-1-63/64	38.10-50.40
2.00-2.49	2-2-31/64	50.80-63.10
2.50-2.99	2-1/2-2-63/64	63.50-75.80
3.00-3.49	3-3-31/64	76.20-88.50
3.50-3.99	3-1/2-3-63/64	88.90-101.20

Table 5

Reference Table: AWG or MCM Wire Sizes

This table is to be used as a guide only. Sizes may vary by manufacturer.

AWG OR MCM	Diameter	
	TTHN	THW
14	.105	.162
12	.122	.179
10	.153	.199
8	.201	.259
6	.257	.323
4	.328	.372
3	.356	.401
2	.388	.433
1	.450	.508
1/0	.491	.549
2/0	.537	.595
3/0	.588	.647
4/0	.646	.705
250	.716	.788
300	.771	.843
350	.822	.895
400	.869	.942
500	.955	1.03
600	-	1.12
700	-	1.19
750	-	1.22
1000	-	1.38



Single-Weave, Flexible-Eye Pulling Grips



KPJ-62

Cable Dia.*	KPJ Junior Duty				KPL Light Duty								
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Short Length				Medium Length				
					Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	
.25"-.36"	KPJ-25	4.25"	90 lbs. (41 kg)	.05 lbs.	—	—	—	—	—	—	—	—	—
.37"-.49"	KPJ-37	7"	180 lbs. (82 kg)	.05 lbs.	—	—	—	—	—	—	—	—	—
.50"-.61"	KPJ-50	8.5"	260 lbs. (118 kg)	.05 lbs.	KPL-050-1	11"	560 lbs. (254 kg)	.10 lbs.	KPL-050-2	16"	560 lbs. (254 kg)	.15 lbs.	—
.62"-.74"	KPJ-62	10"	390 lbs. (177 kg)	.12 lbs.	KPL-062-1	11"	560 lbs. (254 kg)	.15 lbs.	—	—	—	—	—
.75"-.99"	KPJ-75	10"	560 lbs. (254 kg)	.10 lbs.	KPL-075-1	12"	800 lbs. (363 kg)	.10 lbs.	KPL-075-2	20"	800 lbs. (363 kg)	.20 lbs.	—
1.00"-1.24"	KPJ-100	11.5"	780 lbs. (354 kg)	.28 lbs.	KPL-100-1	13"	1060 lbs. (481 kg)	.30 lbs.	KPL-100-2	20"	1360 lbs. (617 kg)	.40 lbs.	—
1.25"-1.49"	—	—	—	—	KPL-125-1	14"	1060 lbs. (481 kg)	.40 lbs.	KPL-125-2	21"	1360 lbs. (617 kg)	.45 lbs.	—
1.50"-1.74"	—	—	—	—	KPL-150-1	15"	1360 lbs. (617 kg)	.40 lbs.	—	—	—	—	—
1.50"-1.99"	—	—	—	—	—	—	—	—	KPL-150-2	23"	1360 lbs. (617 kg)	.55 lbs.	—
1.75"-1.99"	—	—	—	—	KPL-175-1	17"	1700 lbs. (771 kg)	.60 lbs.	—	—	—	—	—
2.00"-2.49"	—	—	—	—	KPL-200-1	18"	1700 lbs. (771 kg)	.65 lbs.	KPL-200-2	25"	1700 lbs. (771 kg)	.75 lbs.	—
2.50"-2.99"	—	—	—	—	KPL-250-1	18"	2120 lbs. (962 kg)	.90 lbs.	KPL-250-2	27"	2120 lbs. (962 kg)	1.1 lbs.	—

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

Double-Weave, Flexible-Eye Pulling Grips



KPM-075

Cable Dia.*	KPM Medium Duty				KP Heavy Duty								
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Short Length				Medium Length				
					Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	
.37"-.49"	KPM-037	11"	380 lbs. (172 kg)	.10 lbs.	—	—	—	—	—	—	—	—	—
.50"-.61"	KPM-050	13"	480 lbs. (218 kg)	.10 lbs.	—	—	—	—	—	—	—	—	—
.62"-.74"	KPM-062	14"	670 lbs. (304 kg)	.21 lbs.	—	—	—	—	—	—	—	—	—
.75"-.99"	KPM-075	16"	1030 lbs. (467 kg)	.20 lbs.	KP-075-24	24"	1360 lbs. (617 kg)	.50 lbs.	KP-075-36	36"	1360 lbs. (617 kg)	.74 lbs.	—
1.00"-1.37"	KPM-100	18"	1420 lbs. (644 kg)	.40 lbs.	—	—	—	—	—	—	—	—	—
1.00"-1.49"	—	—	—	—	KP-100-24	24"	1920 lbs. (871 kg)	1.1 lbs.	KP-100-36	36"	1920 lbs. (871 kg)	1.0 lbs.	—
1.38"-1.99"	KPM-150	22"	1920 lbs. (871 kg)	.40 lbs.	—	—	—	—	—	—	—	—	—
1.50"-1.99"	—	—	—	—	KP-150-24	24"	3280 lbs. (1488 kg)	1.2 lbs.	KP-150-36	36"	3280 lbs. (1488 kg)	1.6 lbs.	—
2.00"-2.49"	—	—	—	—	KP-200-24	24"	3700 lbs. (1678 kg)	2.0 lbs.	KP-200-36	36"	3700 lbs. (1678 kg)	2.5 lbs.	—
2.50"-2.99"	—	—	—	—	KP-250-24	24"	4900 lbs. (2233 kg)	3.0 lbs.	KP-250-36	36"	4900 lbs. (2233 kg)	3.8 lbs.	—

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

⚠WARNING: Do NOT exceed maximum safe load as listed on the label attached to the product.

⚠WARNING: Do NOT use on live circuits.

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

⚠WARNING: Always inspect equipment before use.



Wire-Mesh Grips

Double-Weave, Rotating-Eye Pulling Grips



KPS-062-1

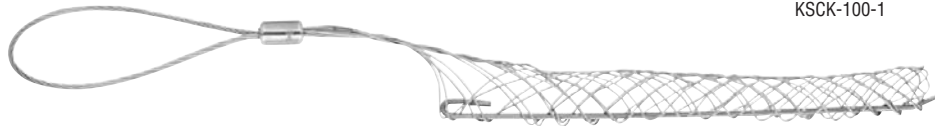
Cable Dia. *	KPS Heavy Duty											
	Short Length				Medium Length				Medium-Long Length			
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.
.50"-.61"	KPS-050-1	11"	1120 lbs. (508 kg)	.40 lbs.	KPS-050-2	16"	1120 (508 kg)	.45 lbs.	—	—	—	—
.62"-.74"	KPS-062-1	11"	1360 lbs. (617 kg)	.45 lbs.	KPS-062-2	16"	1360 (617 kg)	.50 lbs.	—	—	—	—
.75"-.99"	—	—	—	—	KPS-075-2	20"	1360 (617 kg)	.85 lbs.	—	—	—	—
1.00"-1.24"	—	—	—	—	KPS-100-2	20"	2560 (1161 kg)	1.9 lbs.	—	—	—	—
1.00"-1.49"	—	—	—	—	—	—	—	—	KPS-100-3	33"	3280 (1488 kg)	2.4 lbs.
1.25"-1.49"	—	—	—	—	KPS-125-2	21"	2560 (1161 kg)	1.9 lbs.	—	—	—	—
1.50"-1.99"	—	—	—	—	KPS-150-2	25"	3280 (1488 kg)	2.2 lbs.	KPS-150-3	34"	3280 (1488 kg)	2.5 lbs.
2.00"-2.49"	—	—	—	—	KPS-200-2	26"	5440 (2468 kg)	4.1 lbs.	KPS-200-3	36"	5440 (2468 kg)	4.7 lbs.
2.50"-2.99"	—	—	—	—	KPS-250-2	28"	6600 (2994 kg)	5.3 lbs.	KPS-250-3	38"	6600 (2994 kg)	5.8 lbs.
3.00"-3.49"	—	—	—	—	KPS-300-2	30"	8200 (3720 kg)	6.1 lbs.	—	—	—	—
3.50"-3.99"	—	—	—	—	KPS-350-2	32"	9600 (4355 kg)	6.8 lbs.	—	—	—	—

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

Slack-Pulling, Offset Flexible-Eye Pulling Grips



KSCK-100-1



KSRK-062-1

Cable Dia. *	KSCK Medium Duty – Standard Length				KSSK Medium Duty – Standard Length				KSRK Light Duty – Standard Length			
	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.	Cat. No.	Mesh Length	Maximum Safe Load	Wt.
.50"-.61"	—	—	—	—	—	—	—	—	KSRK-050-1	6"	300 lbs. (136 kg)	.15 lbs.
.62"-.74"	—	—	—	—	—	—	—	—	KSRK-062-1	8"	360 lbs. (163 kg)	.15 lbs.
.75"-.99"	KSCK-075-1	12"	520 lbs. (236 kg)	.20 lbs.	KSSK-075-1	12"	500 lbs. (227 kg)	.30 lbs.	KSRK-075-1	10"	440 lbs. (200 kg)	.20 lbs.
1.00"-1.24"	KSCK-100-1	15"	800 lbs. (363 kg)	.50 lbs.	KSSK-100-1	15"	700 lbs. (318 kg)	.25 lbs.	KSRK-100-1	12"	680 lbs. (308 kg)	.25 lbs.
1.25"-1.49"	KSCK-125-1	16"	1080 lbs. (490 kg)	.35 lbs.	KSSK-125-1	16"	800 lbs. (363 kg)	.25 lbs.	—	—	—	—
1.50"-1.74"	KSCK-150-1	17"	1320 lbs. (599 kg)	.95 lbs.	—	—	—	—	—	—	—	—
1.75"-1.99"	KSCK-175-1	18"	2000 lbs. (907 kg)	.60 lbs.	—	—	—	—	—	—	—	—
2.00"-2.49"	KSCK-200-2	19"	2200 lbs. (998 kg)	1.8 lbs.	—	—	—	—	—	—	—	—
2.50"-2.99"	KSCK-250-2	20"	2200 lbs. (998 kg)	1.9 lbs.	—	—	—	—	—	—	—	—

*For equivalent cable diameters in fractional inches and in metric dimensions (mm), see Dimensions Conversion Reference Table 3.

⚠WARNING: Do NOT exceed maximum safe load as listed on the label attached to the product.

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

⚠WARNING: Do NOT use on live circuits.

⚠WARNING: Always inspect equipment before use.



Steel Construction Tools

Klein has combined unique design features with skillful engineering and manufacturing to create a superior line of steel construction tools. These tools are exceptionally rugged, have a long usage life, and maintain trouble-free service while saving users time on the jobsite.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®

Steel Construction Tools



Construction Tools

Tie-Wire Reel

- Rugged, lightweight reel is smooth aluminum alloy with wear parts made of steel.
- Feeds pre-coiled wire smoothly, easily, and quickly to save time and reduce wasted wire.
- Designed for left- or right-hand use.
- Large, comfortable rewind knob.
- Easily-removed cover plate that permits quick, convenient reloading to handle all types of wire.
- Optional accessory rigging-**leather** belt and hip pad available separately.



27400

Cat. No.	Diameter	Width	Weight (lbs.)
27400	6-1/4" (159 mm)	2-25/32" (71 mm)	2.35

Ironworker's heavy-duty tie-wire belts available on page 163. Tie-wire pad available on page 155.

Rebar Shear

- Top-loading 3/4" (19 mm) heavy-duty shear cuts up to and through #6 rebar.
- Easily replaceable tool-steel knives and heavy steel construction for long tool life.
- Includes mounting bolts, and removable steel handle. Does not include wooden platform.

Cat. No.	Handle Length	Shear Height	Shear Width	Shear Length	Weight (lbs.)
64302K	60" (152 cm)	6" (152 mm)	6" (152 mm)	13" (330 mm)	50.00

Replacement Cutting Blades

64321	pair of cutting blades for Cat. No. 64302K			.75
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64302K

▲WARNING: Always wear approved personal protective equipment.

▲WARNING: Do NOT exceed rated capacity.

Rebar Hickeys



- Lightweight rebar hickey has exceptionally durable steel-alloy head and extra-strong handle to withstand punishing service conditions.

64308

Cat. No.	Hickey Size	Bends Rebar Size	Head Type and Bending Angle	Handle Length	Weight (lbs.)
64308	1	nos. 3 (.375" dia.), 4 (.500" dia.)	single 65°	24" (610 mm)	2.50
64309	1a	nos. 3 (.375" dia.), 4 (.500" dia.)	double 65° and 90°	24" (610 mm)	3.50
64310	2	no. 5 (.625" dia.)	single 65°	40" (1016 mm)	7.50
64311	3	no. 6 (.750" dia.)	single 65°	40" (1016 mm)	8.00
64312	4	nos. 7 (.875" dia.), 8 (1.00" dia.), 9 (1.128" dia.)	single 65°	60" (1524 mm)	16.40

▲WARNING: Always wear approved personal protective equipment.

▲WARNING: Do NOT exceed rated capacity.

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

Grizzly® Bar



64306

- A heavy, strong, multi-purpose tool that saves time and effort on the job.
- The 3" (76 mm) width protects concrete when stripping forms.
- Efficient blade angle and 55-1/2" (141 cm) total length provide high leverage as a crow bar and nail and spike puller.
- Blade is forged and hardened alloy with keyhole nail-pulling slot in center and V-notch in tapered edge.
- Very efficient nail-pulling tool even in awkward positions.
- Can be used to help align walls during tilt-up construction, to roll and align large pipe, to remove shingles and flooring, and for many other stripping and prying tasks.

Cat. No.	Overall Length	Weight (lbs.)
64306	55-1/2" (1410 mm)	12.00

⚠WARNING: Always wear approved personal protective equipment.

Ripping Bar

Carbon-Steel Ripping Bar

- Strong, high-carbon forged steel construction.
- Heat-treated claws for extra strength.
- Efficient, double-claw design.
- Baked-on black finish for rust resistance.
- Heavy 90° claw gets into tight spaces.
- Includes one "V" nail puller.
- Thinner straight claw for ripping has both "V" and keyhole nail pullers.



66380

Cat. No.	Overall Length	Weight (lbs.)
66380	18" (457 mm)	2.50

Spring-Steel Ripping Bar

- Forged spring steel 1/4" (6 mm) thick and 1-1/2" (38 mm) wide.
- Fully heat-treated with sandblasted finish for better gripping.
- Both ends with pry edge and "V" nail puller; one end curved, the other at 90° angle.
- Keyhole nail-puller in body.



66384

Cat. No.	Overall Length	Weight (lbs.)
66384	14" (356 mm)	1.60

Connecting Bars

Hex Bars



3242

- Provides extra leverage when positioning steel members and aligning bolt holes.
- Forged fit-up bar is pointed on one end.
- Chisel-end is at a 15° angle to give greater leverage.

Cat. No.	Hex Diameter	Length	Weight (lbs.)
3242	3/4" (19 mm)	30" (762 mm)	3.50
3243	7/8" (22 mm)	36" (914 mm)	6.00
3244	3/4" (19 mm)	24" (610 mm)	2.50
Straight Chisel-End			
3240	3/4" (19 mm)	30" (762 mm)	3.80

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.



Connecting Bars

Round Bars



- Provides extra leverage when positioning steel members and aligning bolt holes.
- Forged fit-up bar is pointed on one end.
- Chisel-end is at a 15° angle to give even greater leverage.

3245

Cat. No.	Diameter	Length	Weight (lbs.)
3245	3/4" (19 mm)	30" (762 mm)	3.30
3246	7/8" (22 mm)	36" (914 mm)	5.50
3247	3/4" (19 mm)	24" (610 mm)	2.50
3248	7/8" (22 mm)	30" (762 mm)	4.30
Straight Chisel-End			
3241	3/4" (19 mm)	30" (762 mm)	3.20

Pins

Standard Bull Pins



- Machined from quality alloy steel.
- Standard design offers greater initial economy, but no added protection against mushrooming.
- Heat-treated for strength.
- Black finish for rust resistance.

3252

Cat. No.	Top Diameter	Point Diameter	Length	Weight (lbs.)
3251	1-1/16" (27 mm)	3/8" (10 mm)	15" (381 mm)	2.50
3252	1-3/16" (30 mm)	7/16" (11 mm)	15" (381 mm)	3.10
3257	1-1/16" (27 mm)	3/8" (10 mm)	12" (305 mm)	1.70
3258	1-3/16" (30 mm)	7/16" (11 mm)	12" (305 mm)	2.10
3259	1-5/16" (33 mm)	7/16" (11 mm)	12" (305 mm)	2.50
3265	1-1/4" (32 mm)	7/16" (11 mm)	12" (305 mm)	2.50

Note: OSHA 1926.301 (c) specifically states: "Impact tools, such as drift pins, wedges, and chisels, shall be kept free of mushroomed heads."

Broad Head Bull Pins



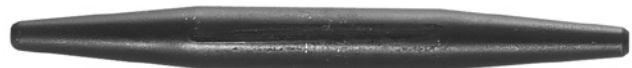
- Forged, heat-treated bull pin increases efficiency by providing a larger striking surface.
- Head design also reduces chance of pin slipping from the hand when aligning holes.
- Angled head and smooth blending of radii increase strength and reduce the danger of chipping.
- Below the head, squared-off shoulders have been forged to provide a surface for applying wrench to loosen wedged bull pins.
- Long, even taper reduces binding and hang-up.
- Added resistance to "mushrooming" permitting much longer use than is possible with conventional designs.
- Heat-treated for strength.
- Black finish for rust resistance.

3255

Cat. No.	Top Diameter	Point Diameter	Length	Weight (lbs.)
3255	1-1/4" (32 mm)	5/16" (8 mm)	13-3/4" (349 mm)	2.90
3256	1-1/16" (27 mm)	1/4" (6 mm)	10" (254 mm)	1.60

Note: OSHA 1926.301 (c) specifically states: "Impact tools, such as drift pins, wedges, and chisels, shall be kept free of mushroomed heads."

Barrel-Type Drift Pins



- Machined from quality alloy steel.
- Tapers are uniform and blend into body diameter.
- Tough, drop-forged steel will properly end-pein in use.
- Heat-treated for strength.
- Black finish for rust resistance.

3261

Cat. No.	Maximum Diameter	Point Diameter	Overall Length	Weight (lbs.)
3260	11/16" (18 mm)	5/16" (8 mm)	7-1/2" (191 mm)	.60
3261	13/16" (21 mm)	7/16" (11 mm)	8" (203 mm)	.85
3262	15/16" (24 mm)	1/2" (13 mm)	8" (203 mm)	1.10
3263	1-1/16" (27 mm)	9/16" (14 mm)	8" (203 mm)	1.50

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.



Adjustable-Head Construction Wrench

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm).
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.



Cat. No.	Max. Size Capacity	Length	Weight (lbs.)
3239	1-1/2" (38 mm)	15" (381 mm)	2.30

1/2"-Drive Ratcheting Construction Wrench

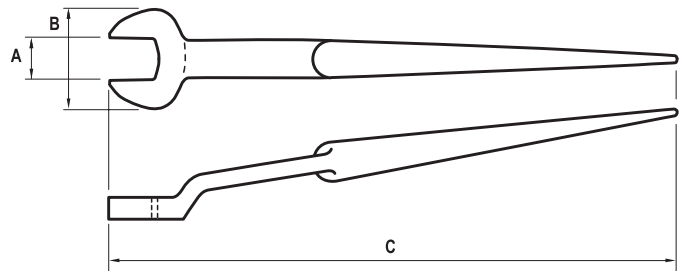
- Accepts 1/2" square-drive hex socket.
- Reversible ratchet.
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.



Cat. No.	Overall Length	Weight (lbs.)
3238	15" (381 mm)	2.10

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads.
- Extra-heavy-duty head area gives maximum strength and durability.
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt and/or rivet hole sizes without binding.
- Extra-large hub area works on larger diameter holes than other wrenches.
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification.
- American Bridge design.



A - Bolt Size/Nominal Opening
 B - Head Width
 C - Overall Length

Cat. No.	Nut Type	Nom. Opening	Head Width	Taper Diameter	Overall Length	Weight (lbs.)
3210	U.S. heavy	7/8"	2-1/4"	7/8" to 3/16"	14-3/4"	1.36
3211	U.S. heavy	1-1/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3212	U.S. heavy	1-1/4"	2-1/2"	1" to 1/4"	16-5/8"	1.98
3213	U.S. heavy	1-7/16"	3"	1-1/8" to 9/32"	17-3/8"	2.72
3214	U.S. heavy	1-5/8"	3-5/8"	1-1/8" to 1/4"	18"	3.36
3219	U.S. regular	3/4"	2-1/4"	7/8" to 8/16"	14-3/4"	1.36
3220	U.S. regular	13/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.35
3221	U.S. regular	1"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3222	U.S. regular	1-1/8"	2-1/2"	1" to 1/4"	16-5/8"	2.00
3223	U.S. regular	1-5/16"	3"	1-1/8" to 9/32"	17-3/8"	2.87
3224	U.S. regular	1-1/2"	3-5/8"	1-1/8" to 1/4"	18"	3.37
3231	utility	15/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3232	utility	1-1/16"	2-1/2"	1" to 1/4"	16-5/8"	2.00

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT push or hammer wrench

▲WARNING: Do NOT extend handle length.



Sheet Metal Tools

Klein's line of sheet metal tools make it easy to bend, cut, notch, and crimp sheet metal accurately. These job-matched tools are proven to stand the test of time with superior results.

For Professionals... Since 1857®



Sheet Metal Tools



Seamers – Straight and Offset

- Allows easy bending and flattening of sheet metal and non-ferrous metals.
- Compound-leverage design gives accurate control and powerful grip for making quick, permanent, tight-fitting seams.
- Straight-handle model is used for most general applications.
- Offset-handle model is for use in overhead or confined areas.
- The 3-1/4" (83 mm) wide forged, high-impact steel jaws are marked in 1/4" (6 mm) increments for precise bending measurements.
- Hardened steel handles include hand guards and are covered with vinyl grips for added comfort and easy operation.
- All-steel construction and nickel-plated hardware provide long life and durability.



86553

Cat. No.	Type	Closed Overall Length	Handle Color	Weight (lbs.)
86553	straight-hand seamer	8-3/8" (213 mm)	blue	1.45
86552	offset-hand seamer	8" (203 mm)	blue	1.46

Hand Notcher

- Allows quick, clean, 30° "V"-shaped cuts in sheet metal.
- Drop-forged, high-impact steel jaw with 13/16" (21 mm) maximum throat depth.
- Jaws hook design allows easy notching of corners and take-off tabs without slippage.
- All-steel construction with nickel-plate and black-oxide finish provides long life and durability.
- Hardened steel handles include hand guards and are covered with vinyl grips for added comfort and easy operation.



86551

Cat. No.	Closed Overall Length	Handle Color	Weight (lbs.)
86551	8-1/2" (216 mm)	blue	1.00

5-Blade Crimper

- Produces factory-precision indentations in stove pipe and round duct with just a squeeze.
- Compound-leverage mechanism, heavy-duty jaw/handle linkage, and closing stop provide easy operation and consistent crimps for virtually leak-proof connections.
- Hardened steel handles include hand guards and are covered with vinyl grips for added comfort and easy operation.
- All steel construction and nickel-plating provide long life and consistent crimp profile.



86550

Cat. No.	Closed Overall Length	Handle Color	Weight (lbs.)
86550	9" (229 mm)	blue	1.00

All dimensions are in inches and (millimeters).

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

▲WARNING: Always wear approved eye protection.

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



Sheet Metal Tools

Nibbler Tool

- Cuts soft sheet metal, plastic, soft copper and aluminum, and tubing.
- Ideal for air conditioning and heating installation, automobile work, model making, and sheet metal construction.



76011B

Cat. No.	Description	Cuts Up to	Weight (lbs.)
76011B	nibbler cutter with blade	18 gauge soft sheet metal, soft copper and aluminum up to 1/16", and tubing from a 1" I.D.	.35
76012B	replacement blade for Cat. No. 76011B	18 gauge soft sheet metal, soft copper and aluminum up to 1/16", and tubing from a 1" I.D.	.05

Aviation Snips – Regular/Offset/Bulldog

- Forged and heat treated steel blades for strength and durability.
- Regular and offset blades have the capacity of cutting 18 gauge cold-rolled sheet metal, and 22 gauge stainless steel sheet metal.
- Offset blades provide ease of cutting tight curves, and keep user's hand away from metal.
- Bulldog snips for notching or trimming 16 gauge cold-rolled sheet metal and 18 gauge stainless steel sheet metal.
- Spring-loaded for self-opening action.
- Latch keeps jaws closed when not in use.
- Hardened handles for extra strength.
- Contoured plastic handles are comfortable and color-coded by cutting pattern.



1102S



2100L



2103

Cat. No.	Cutting Pattern	Length of Cut	Color Code	Closed Overall Length	Weight (lbs.)
1100L	regular left	1-3/8" (35 mm)	red	9-3/4" (248 mm)	.90
1101R	regular right	1-3/8" (35 mm)	green	9-3/4" (248 mm)	.92
1102S	regular straight	1-1/2" (38 mm)	yellow	10-1/8" (257 mm)	.90
2100L	offset left	1-1/4" (32 mm)	red	9-1/2" (241 mm)	.97
2101R	offset right	1-1/4" (32 mm)	green	9-1/2" (241 mm)	.98
2102S	offset straight	1-1/2" (38 mm)	yellow	9-1/2" (241 mm)	.97
2103	notch	7/8" (22 mm)	orange	9-1/4" (235 mm)	.87

Replacement springs for aviation snips

P406	replacement spring for Cat. Nos. 1100L and 1102S	.05
P407	replacement spring for Cat. No. 1101R	.05

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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



Drill Bits & Hole Saws

Klein drill bits provide accuracy and consistency for professionals. Made of top-of-the-line materials for longer-lasting performance, Klein drill bits and hole saws have the strength to get jobs done right.

F O R P R O F E S S I O N A L S S I N C E 1 8 5 7 .

Drill Bits & Hole Saws



Hole Saw Kits

Hole Saw Kits **GREAT WHITE™**

Electrician's Hole Saw Kit

- Contains the most popular sizes for basic electrical work.
- All components are packed in a rust-proof, molded plastic carrying case.

Cat. No.	Set Contains	Weight (lbs.)
31630		2.60
	Hole Saws	Arbors
	Cat. No. Size	Cat. No. Size
	31514 7/8"	31660 7/16"
	31518 1-1/8"	31670 7/16"
	31522 1-3/8"	
	31528 1-3/4"	
	31532 2"	
	31540 2-1/2"	

Note: Set pilot drill point 1/8" beyond tooth points.
 Note: Read and follow safety instructions in power tool owner's manual.

Journeyman's Hole Saw Kit

- The most frequently used sizes and an arbor extension for hard to reach spots.
- All components are packed in a rust-proof, molded plastic carrying case.

Cat. No.	Set Contains	Weight (lbs.)
31635		4.50
	Hole Saws	Arbors
	Cat. No. Size	Cat. No. Size
	31512 3/4"	31650 1/4"
	31514 7/8"	31660 7/16"
	31518 1-1/8"	31670 7/16"
	31522 1-3/8"	
	31524 1-1/2"	Arbor Extender
	31528 1-3/4"	Cat. No. Size
	31532 2"	31678 12"
	31536 2-1/4"	
	31540 2-1/2"	

Note: Set pilot drill point 1/8" beyond tooth points.
 Note: Read and follow safety instructions in power tool owner's manual.

Large Size Hole Saw Kit

- Contains the sizes necessary to upgrade an Electrician's Hole Saw Kit into a Master Electrician's set.
- All components are packed in a metal carrying case.

Cat. No.	Set Contains	Weight (lbs.)
31645		6.60
	Hole Saws	Arbors
	Cat. No. Size	Cat. No. Size
	31548 3"	31670 7/16"
	31558 3-5/8"	
	31566 4-1/8"	
	31572 4-1/2"	

Note: Set pilot drill point 1/8" beyond tooth points.
 Note: Read and follow safety instructions in power tool owner's manual.



Master Electrician's Hole Saw Kit

- Includes the most commonly used saws and arbors.
- All components are packed in a metal carrying case.

Cat. No.	Set Contains	Weight (lbs.)
31640		8.10
	Hole Saws	Arbors
	Cat. No. Size	Cat. No. Size
	31514 7/8"	31650 1/4"
	31518 1-1/8"	31660 7/16"
	31522 1-3/8"	31670 7/16"
	31528 1-3/4"	
	31532 2"	
	31540 2-1/2"	
	31548 3"	
	31558 3-5/8"	
	31566 4-1/8"	
	31572 4-1/2"	

Note: Set pilot drill point 1/8" beyond tooth points.
 Note: Read and follow safety instructions in power tool owner's manual.

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

⚠WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



Bi-Metal Hole Saws



- Rugged bi-metal cobalt construction for heavy-duty cutting.
- Deep cup cuts through studs in one pass.
- Variable pitch teeth for faster, smoother cutting and less vibration.
- Longer lasting design for more cuts per saw.
- Multiple knock-out slots and holes for easy core removal.
- Cuts through steel, wood, plastic, stainless steel, and cast iron.



31532

Cat. No.	Saw Diameter	Pipe Tap Size*	Pipe Entr. Size**	For Use with Arbor No.	Weight (lbs.)
31510	5/8" (16 mm)	—	—	31650, 31655, 31660	.05
31512	3/4" (19 mm)	1/2" (13 mm)	3/8" (10 mm)	31650, 31655, 31660	.06
31514	7/8" (22 mm)	3/4" (19 mm)	1/2" (13 mm)	31650, 31655, 31660	.60
31516	1" (25 mm)	—	—	31650, 31655, 31660	.07
31518	1-1/8" (29 mm)	1" (25 mm)	3/4" (19 mm)	31650, 31655, 31660	.08
31520	1-1/4" (32 mm)	—	—	31168, 31665, 31670	.09
31522	1-3/8" (35 mm)	—	1" (25 mm)	31168, 31665, 31670	.12
31524	1-1/2" (38 mm)	1-1/4" (32 mm)	—	31168, 31665, 31670	.09
31526	1-5/8" (41 mm)	—	—	31168, 31665, 31670	.10
31528	1-3/4" (44 mm)	1-1/2" (38 mm)	1-1/4" (32 mm)	31168, 31665, 31670	.11
31532	2" (51 mm)	—	1-1/2" (38 mm)	31168, 31665, 31670	.13
31534	2-1/8" (54 mm)	—	—	31168, 31665, 31670	.14
31536	2-1/4" (57 mm)	2" (51 mm)	—	31168, 31665, 31670	.15
31538	2-3/8" (60 mm)	—	—	31168, 31665, 31670	.16
31540	2-1/2" (64 mm)	—	2" (51 mm)	31168, 31665, 31670	.17
31542	2-5/8" (67 mm)	2-1/2" (64 mm)	—	31168, 31665, 31670	.18
31544	2-3/4" (70 mm)	—	—	31168, 31665, 31670	.19
31548	3" (76 mm)	—	2-1/2" (64 mm)	31168, 31665, 31670	.22
31552	3-1/4" (83 mm)	3" (76 mm)	—	31168, 31665, 31670	.26
31556	3-1/2" (89 mm)	—	—	31168, 31665, 31670	.28
31558	3-5/8" (92 mm)	—	3" (76 mm)	31168, 31665, 31670	.29
31564	4" (102 mm)	—	—	31168, 31665, 31670	.33
31566	4-1/8" (105 mm)	—	3-1/2" (89 mm)	31168, 31665, 31670	.36
31568	4-1/4" (108 mm)	4" (102 mm)	—	31168, 31665, 31670	.36
31572	4-1/2" (114 mm)	—	4" (102 mm)	31168, 31665, 31670	.40
31576	4-3/4" (121 mm)	—	—	31168, 31665, 31670	.50
31580	5" (127 mm)	—	—	31168, 31665, 31670	.54
31596	6" (152 mm)	—	—	31168, 31665, 31670	.75
31606	6-5/8" (168 mm)	—	—	31168, 31665, 31670	2.25

Note: Set pilot drill point 1/8" beyond tooth points.

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

Note: Pipe sizes listed in the "Pipe Tap Size" and "Pipe Entrance Size" columns are standard industry sizes. All pipes are sized by the nominal inside diameter.

*Pipe Tap Size – The sizes listed provide the necessary information whenever a pipe is to be threaded into tanks, boilers, etc. To secure the best results, the hole should be reamed before tapping with a reamer having a taper of 3/4" per foot.

**Pipe Entrance Size – The sizes listed provide the necessary information for any given pipe size to have sufficient clearance to pass through beams, walls, bulkheads, etc.

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

▲WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



Hole Saws

Carbide Grit Hole Saws **GREAT WHITE™**

- Available in the most common sizes for recessed can lights.
- Carbide grit for smooth cuts and minimal tear out.
- Long-lasting carbide grit won't dull in abrasive materials.
- Grit design reduces the kick when starting a cut in plywood.
- Cuts through drywall, ceiling tile, lath/plaster, cement board, and wood.



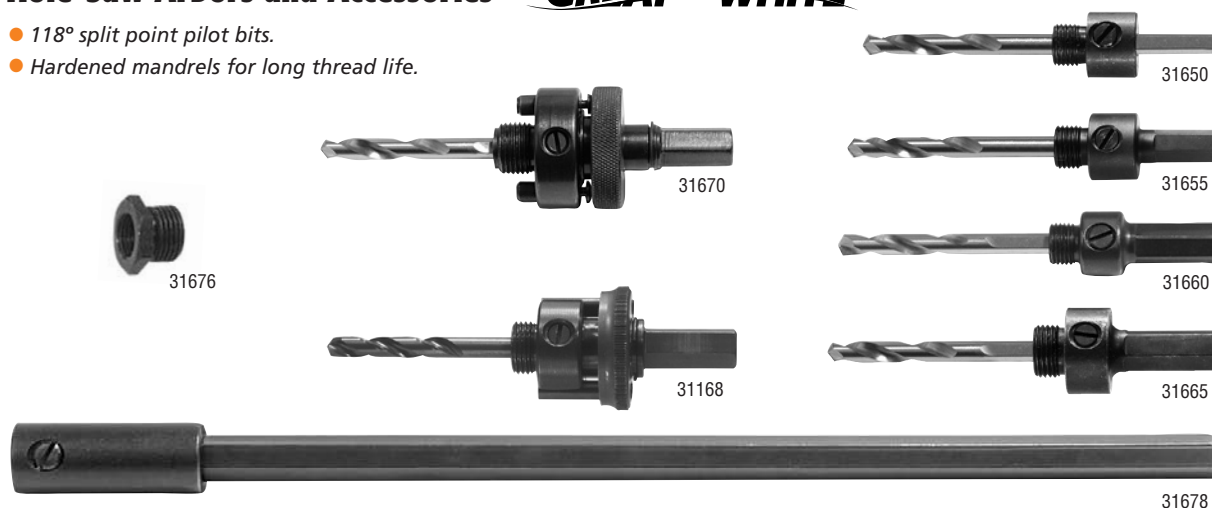
31605

Cat. No.	Saw Diameter	For Use with Arbor No.	Weight (lbs.)
31605	6-3/8" (161 mm)	31168, 31665, 31670	1.65
31607	6-5/8" (168 mm)	31168, 31665, 31670	1.65
31611	6-7/8" (174 mm)	31168, 31665, 31670	1.75

Note: Set pilot drill point 1/8" beyond tooth points.
 Note: Read and follow safety instructions in power tool owner's manual.

Hole-Saw Arbors and Accessories **GREAT WHITE™**

- 118° split point pilot bits.
- Hardened mandrels for long thread life.



Cat. No.	Shank Style	Pins	Shank Size	Electric Drill Size	Thread Size	Weight (lbs.)
31650	round tri-lobe	N	1/4" (6 mm)	1/4" and larger	1/2" - 20	.70
31655	hexagonal	N	3/8" (10 mm)	3/8" and larger	1/2" - 20	.08
31660	hexagonal	N	7/16" (11 mm)	1/2" and larger	1/2" - 20	.08
31665	hexagonal	N	7/16" (11 mm)	1/2" and larger	5/8" - 18	.23
31670	hexagonal	Threaded	7/16" (11 mm)	1/2" and larger	5/8" - 18	.55
31168	hexagonal	Quick Change	7/16" (11 mm)	1/2" and larger	5/8" - 18	.45

Replacement pilot drills for hole-saw arbors

31672	1/4" Replacement Pilot Drill Bit for Klein Arbors 31168, 31650, 31660, 31665, 31670	.05
31674	1/4" Replacement Pilot Drill Bit for Klein Arbors 31655	.05
31676	Arbor Adapter; converts 1/2" - 20 to 5/8" - 18	.05
31678	12" Arbor Extender*	.80

* Collar O.D. 3/4" (19 mm)

Note: Set pilot drill point 1/8" beyond tooth points.
 Note: Read and follow safety instructions in power tool owner's manual.

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

⚠WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



Unibit® High Speed Steel Step-Drill Bits – Inch

- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling for most sizes.
- Drill multiple-size holes in thin sections of metal, plastic, and wood using a single bit.
- Works in most metals (steel, brass, aluminum, copper), as well as in plastic and wood.



Cat. No.	Quick Reference Number	No. of Hole Sizes per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration for Each Step	Weight (lbs.)
59001	1	13 in 1/32" increments	1/8" to 1/2"	no	1/4" and larger	1/8"	.05
59002	2	8 in 1/16" increments	9/16" to 1"	yes, 1/2" or larger	1/2" and larger	1/8"	.20
59003	3	9 in 1/16" increments	1/4" to 3/4"	no	3/8" and larger	1/8"	.15
59004	4	10 in 1/16" increments	13/16" to 1-3/8"	yes, 3/4" or larger	1/2" and larger	1/8"	.50
59005	5	6 in 1/16" increments	3/16" to 1/2"	no	1/4" and larger	3/8"	.05
59007	7	1	1/2"	no	1/4" and larger	not applicable	.05
59008	8	1	7/8"	no	3/8" and larger	not applicable	.10
59010	10	1	1-1/8"	no	1/2" and larger	not applicable	.30
59011	11	2	7/8" and 1-1/8"	no	1/2" and larger	1/8"	.30
59014	14	12 in 1/16" increments	3/16" to 7/8"	no	3/8" and larger	1/8"	.15

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

Unibit® High Speed Steel Step-Drill Bits – Metric

- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling for most sizes.
- Drill multiple-size holes in thin sections of metal, plastic, and wood using a single bit.
- Works in most metals (steel, brass, aluminum, copper), as well as in plastic and wood.



Cat. No.	Quick Reference Number	No. of Hole Sizes per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration for Each Step	Weight (lbs.)
59021	1-M	9 in 1 mm increments	4 mm to 12 mm	no	1/4" and larger	5 mm	.05
59022	20-M	6 in 2 mm increments	14 mm to 24 mm	yes 12 mm or larger	1/2" and larger	5 mm	.25
59023	3-M	7 in 2 mm increments	6 mm to 18 mm	no	3/8" and larger	5 mm	.10
59024	21-M	8 in 2 mm increments	20 mm to 34 mm	yes 18 mm or larger	1/2" and larger	5 mm	.45
59025	2-M	5 in 2 mm increments	4 mm to 12 mm	no	1/4" and larger	11 mm	.05
59026	4-M	10 in 2 mm increments	4 mm to 22 mm	no	3/8" and larger	5 mm	.15
59027	5-M	13 in 2-3 mm increments	5 mm to 35 mm	no	1/2" and larger	3.5 mm	.35
59029	29-MM	10 in 2-3mm increments	5 mm to 29 mm	no	1/2" and larger	5 mm	.30

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

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

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

▲WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.



Step-Drill Bits

Unibit® Titanium-Nitride Coated Step-Drill Bits

- Similar to Klein high-speed steel step-drill bits, but with a titanium-nitride coating (82 – 86 Rockwell C hardness).
- Coating reduces friction for cooler, smoother running without lubrication; allows bits to last up to 4 to 5 times longer than steel drill bits.
- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Bits are perfect for drilling accurate, round holes in thin (up to 1/8") metal (steel, brass, aluminum, and copper), as well as plastic and wood.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling.



Cat. No.	Quick Reference Number	No. of Hole Sizes per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration for Each Step	Weight (lbs.)
59001T	1T	13 in 1/32" increments	1/8" to 1/2"	no	1/4" and larger	1/8"	.10
59003T	3T	9 in 1/16" increments	1/4" to 3/4"	no	3/8" and larger	1/8"	.15
59005T	5T	6 in 1/16" increments	3/16" to 1/2"	no	1/4" and larger	3/8"	.05
59014T	14T	12 in 1/16" increments	3/16" to 7/8"	no	3/8" and larger	1/8"	.15

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

Unibit® Cobalt Step-Drill Bits

- Similar to Klein high-speed steel step-drill bits, but with a cobalt finish.
- Coating reduces friction for cooler, smoother running without lubrication; allows bits to last longer than ordinary bits.
- Single-fluted design eliminates skidding and makes for easier resharpening.
- Laser-etched hole sizes are easy-to-read and permanent.
- Bits are perfect for drilling accurate, round holes in thin (up to 1/8") metal (steel, brass, aluminum, and copper), as well as plastic and wood.
- Anti-skid tip eliminates the need for center punching or pilot hole drilling.



Cat. No.	No. of Hole Sizes per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration for Each Step	Weight (lbs.)
59031	9 in 1 mm increments	4 mm to 12 mm	no	1/4" and larger	5 mm	.05
59034	10 in 2 mm increments	4 mm to 22 mm	no	3/8" and larger	3.5 mm	.14

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

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Ship-Auger Bits with Screw Point

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



53429

Cat. No.	Bit Size	Twist Length	Overall Length	Weight (lbs.)
53401	11/16"	4" (102 mm)	6" (152 mm)	.30
53402	3/4"	4" (102 mm)	6" (152 mm)	.40
53403	13/16"	4" (102 mm)	6" (152 mm)	.40
53404	7/8"	4" (102 mm)	6" (152 mm)	.50
53405	15/16"	4" (102 mm)	6" (152 mm)	.50
53406	1"	4" (102 mm)	6" (152 mm)	.50
53407	1-1/16"	4" (102 mm)	6" (152 mm)	.60
53408	1-1/8"	4" (102 mm)	6" (152 mm)	.80
53409	1-1/4"	4" (102 mm)	6" (152 mm)	1.00
53410	1-3/8"	4" (102 mm)	6" (152 mm)	.80
53411	1-1/2"	4" (102 mm)	6" (152 mm)	.90
53426	3/4"	4-3/4" (121 mm)	7-3/4" (197 mm)	.45
53428	7/8"	4-3/4" (121 mm)	7-3/4" (197 mm)	.60
53429	1"	4-3/4" (121 mm)	7-3/4" (197 mm)	.60
53430	1-1/8"	4-3/4" (121 mm)	7-3/4" (197 mm)	.80
53431	1-1/4"	4-3/4" (121 mm)	7-3/4" (197 mm)	.90
53434	9/16"	15" (381 mm)	18" (457 mm)	.65
53435	5/8"	15" (381 mm)	18" (457 mm)	.80
53436	11/16"	15" (381 mm)	18" (457 mm)	.85
53437	3/4"	15" (381 mm)	18" (457 mm)	.95
53438	13/16"	15" (381 mm)	18" (457 mm)	1.05
53439	7/8"	15" (381 mm)	18" (457 mm)	1.20
53440	15/16"	15" (381 mm)	18" (457 mm)	1.50
53441	1"	15" (381 mm)	18" (457 mm)	1.70
53442	1-1/16"	15" (381 mm)	18" (457 mm)	1.95
53443	1-1/8"	15" (381 mm)	18" (457 mm)	1.80
53444	1-1/4"	15" (381 mm)	18" (457 mm)	2.20
53445	1-3/8"	15" (381 mm)	18" (457 mm)	2.80
53446	1-1/2"	15" (381 mm)	18" (457 mm)	3.45

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

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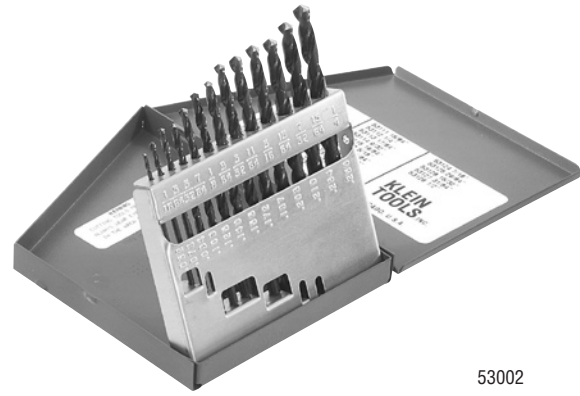


Drill Bit Sets

13-Piece Regular-Point Drill-Bit Set

- Hinged metal box with one stand-up bit holder.

Cat. No.	Set Contains		Weight (lbs.)
53002			.60
Cat. No.	Bit Size	Cat. No.	Bit Size
53100	1/16"	53107	11/64"
53101	5/64"	53108	3/16"
53102	3/32"	53109	13/64"
53103	7/64"	53110	7/32"
53104	1/8"	53111	15/64"
53105	9/64"	53112	1/4"
53106	5/32"		



53002

15-Piece Regular-Point Drill-Bit Set

- Hinged metal box with two stand-up bit holders.

Cat. No.	Set Contains		Weight (lbs.)
53001			2.00
Cat. No.	Bit Size	Cat. No.	Bit Size
53100	1/16"	53116	5/16"
53102	3/32"	53118	11/32"
53104	1/8"	53120	3/8"
53106	5/32"	53122	13/32"
53108	3/16"	53124	7/16"
53110	7/32"	53126	15/32"
53112	1/4"	53128	1/2"
53114	9/32"		

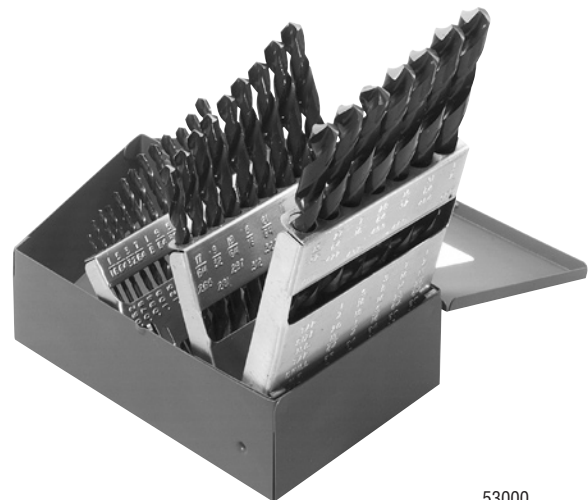


53001

29-Piece Regular-Point Drill-Bit Set

- Hinged metal box with three stand-up bit holders.

Cat. No.	Set Contains		Weight (lbs.)
53000			3.25
Cat. No.	Bit Size	Cat. No.	Bit Size
53100	1/16"	53115	19/64"
53101	5/64"	53116	5/16"
53102	3/32"	53117	21/64"
53103	7/64"	53118	11/32"
53104	1/8"	53119	23/64"
53105	9/64"	53120	3/8"
53106	5/32"	53121	25/64"
53107	11/64"	53122	13/32"
53108	3/16"	53123	27/64"
53109	13/64"	53124	7/16"
53110	7/32"	53125	29/64"
53111	15/64"	53126	15/32"
53112	1/4"	53127	31/64"
53113	17/64"	53128	1/2"
53114	9/32"		



53000

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

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Regular-Point 118° High-Speed Drill Bits

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



53128

Cat. No.	Bit Size	Flute Length	Overall Length	Weight (lbs.)
53100	1/16"	7/8" (22 mm)	1-7/8" (48 mm)	.01
53101	5/64"	1" (25 mm)	2" (51 mm)	.01
53102	3/32"	1-1/4" (32 mm)	2-1/4" (57 mm)	.01
53103	7/64"	1-1/2" (38 mm)	2-5/8" (67 mm)	.01
53104	1/8"	1-5/8" (41 mm)	2-3/4" (70 mm)	.01
53105	9/64"	1-3/4" (44 mm)	2-7/8" (73 mm)	.01
53106	5/32"	2" (51 mm)	3-1/8" (79 mm)	.01
53107	11/64"	2-1/8" (54 mm)	3-1/4" (83 mm)	.01
53108	3/16"	2-5/16" (59 mm)	3-1/2" (89 mm)	.02
53109	13/64"	2-7/16" (62 mm)	3-5/8" (92 mm)	.02
53110	7/32"	2-1/2" (64 mm)	3-3/4" (95 mm)	.05
53111	15/64"	2-5/8" (67 mm)	3-7/8" (98 mm)	.05
53112	1/4"	2-3/4" (70 mm)	4" (102 mm)	.05
53113	17/64"	2-7/8" (73 mm)	4-1/8" (105 mm)	.05
53114	9/32"	2-15/16" (75 mm)	4-1/4" (108 mm)	.05
53115	19/64"	3-1/16" (78 mm)	4-3/8" (111 mm)	.05
53116	5/16"	3-3/16" (81 mm)	4-1/2" (114 mm)	.05
53117	21/64"	3-5/16" (84 mm)	4-5/8" (117 mm)	.10
53118	11/32"	3-7/16" (87 mm)	4-3/4" (121 mm)	.05
53119	23/64"	3-1/2" (89 mm)	4-7/8" (124 mm)	.10
53120	3/8"	3-5/8" (92 mm)	5" (127 mm)	.10
53121	25/64"	3-3/4" (95 mm)	5-1/8" (130 mm)	.10
53122	13/32"	3-7/8" (98 mm)	5-1/4" (133 mm)	.15
53123	27/64"	3-15/16" (100 mm)	5-3/8" (137 mm)	.15
53124	7/16"	4-1/16" (103 mm)	5-1/2" (140 mm)	.15
53125	29/64"	4-3/16" (106 mm)	5-5/8" (143 mm)	.18
53126	15/32"	4-5/16" (110 mm)	5-3/4" (146 mm)	.15
53127	31/64"	4-3/8" (111 mm)	5-7/8" (149 mm)	.20
53128	1/2"	4-1/2" (114 mm)	6" (152 mm)	.20



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

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▲WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.

Drill Bits

4-Piece, Carbide-Tipped, Masonry Drill Bit Set

- Protective plastic storage pouch.

Cat. No.	Set Contains	Weight (lbs.)
53004		.300
Cat. No.	Bit Size	
53175	1/4"	
53176	5/16"	
53177	3/8"	
53178	1/2"	



53004

Carbide-Tipped, Masonry Drill Bits

- Drills through hard materials such as brick, concrete, plaster, and tile.
- Black-oxide finish reduces chip welding.



53178

Cat. No.	Bit Size	Shank Diameter	Overall Length	Weight (lbs.)
53175	1/4"	1/4"	4" (102 mm)	.05
53176	5/16"	1/4"	4" (102 mm)	.05
53177	3/8"	1/4"	4" (102 mm)	.05
53178	1/2"	1/4"	4" (102 mm)	.10



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

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⚠WARNING: Always ensure that you and persons in the vicinity wear approved eye protection.

Saws & Blades

Saws and blades from Klein are designed with the professional user in mind, providing superior results with less effort.

FOR Professionals... Since 1857®



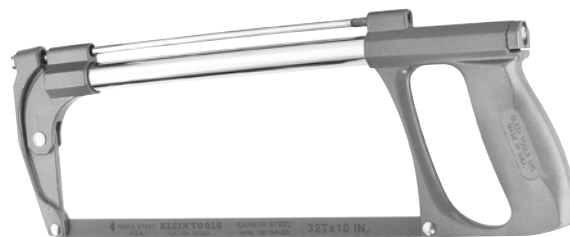
Saws & Blades



Saws & Blades

Heavy-Weight Hacksaws

- A rugged, heavy-duty saw with the versatility to satisfy professional requirements.
- Greater weight means a faster job.
- Permits efficient one-hand use where necessary.
- Blade cuts fully through to a flat surface.
- Converts easily from vertical to horizontal position for full-flush cutting.
- Durable, tubular steel frame, die-cast zinc handles with blue finish.
- Pivot-action front end with slotted tensioning rod permits maximum tightening of blade for more efficient sawing and longer blade life.
- Curved front-end design for comfortable two-hand use.
- Storage for extra blades in tubular steel frame.
- Supplied with blade; Cat. Nos. 701-12 and 701-12TH with Cat. No. 1200BI Golden Tri-Cut blade.
- 701-12TH has threaded pins that cannot be lost if blade breaks and it can only be used in a vertical position.

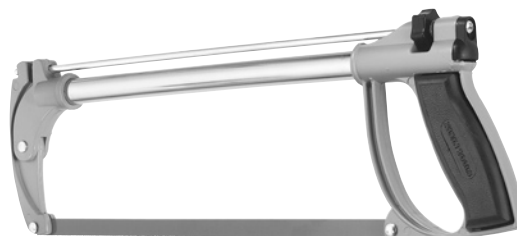


701-10

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
701-10	14" (356 mm)	10" (254 mm)	2.05
701-12	16" (406 mm)	12" (305 mm)	2.10
Threaded Retaining Pins			
701-12TH	16-1/4" (413 mm)	12" (305 mm)	1.20

Lightweight Hacksaw

- Heavy-duty professional quality, yet light enough for overhead cutting or use from a ladder or scaffold.
- Durable, tubular steel frame with cast-aluminum handles.
- Comfortable molded plastic grip inserts.
- Pivot-action front end and large knurled thumbscrew at handle for easy blade tension adjustment.
- Blade cuts fully through to a flat surface.
- Removable retaining pins permit quick blade conversion to horizontal position for full-flush cutting.
- Storage for extra blades in tubular steel frame.



701-AL

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
701-AL	16-1/4" (413 mm)	12" (305 mm)	1.20

Industrial Hacksaw – High-Speed Steel Blade

- Lightweight with good balance.
- Frame adjusts to hold 10" (245 mm) or 12" (305 mm) blades.
- Storage for 6 extra blades in tubular-steel frame.
- Blade converts to horizontal cutting.
- Wing nut for blade-tension adjustment.
- Blade cuts most metals including unhardened tool steel and stainless.



700-12

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
700-12	18-1/2" (470 mm)	12" (305 mm)	1.03

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

Dual-Purpose Hacksaw – Golden Tri-Cut 3-in-1 Blade

- Blade has three teeth sizes.
- Blade converts quickly to 90° or 45° for standard or flush-cut applications.
- Pivot-lock adjusts blade tension for straighter cuts and longer blade life.
- Set screw allows for storage of extra blades and secures blade for “jab” sawing.
- Aluminum finger grip handle and front end.
- Thumb guard for two-hand sawing.



701-S

Cat. No.	Overall Length	Blade Length	Weight (lbs.)
701-S	16" (406 mm)	12" (305 mm)	1.45

Bi-Metal Blades

- Special high-speed steel teeth fused to regular carbon-steel body provide superior cutting and longer life.
- Withstands greater saw tension for less blade flexing.
- Fits all 12" (305 mm) hacksaw blades.
- Blue finish.
- Available in box of 100 blades or in a reclosable, heavy-vinyl, seal-tight pouch of ten blades.



1224BI

Cat. No.	Pack Size	Teeth Per Inch	Length	Weight Per Pack (lbs.)
1218BI-P	10-pack	18	12" (305 mm)	.45
1224BI-P	10-pack	24	12" (305 mm)	.45
1232BI-P	10-pack	32	12" (305 mm)	.45
1218BI	100-pack	18	12" (305 mm)	4.50
1224BI	100-pack	24	12" (305 mm)	4.50
1232BI	100-pack	32	12" (305 mm)	4.50

Golden Tri-Cut™ Blades

- Unique design provides three teeth sizes on one blade.
- Has 32 teeth/inch up front for quick starts, 24 teeth/inch in the middle and 18 teeth/inch on the end for fast and smooth conventional cutting.
- Special high-speed steel teeth fused to carbon-steel provide superior cutting action and long life.
- Gold finish.
- Available in box of 100 blades or reclosable, heavy-vinyl, seal-tight pouch of ten blades.



1200BI



Blade has three teeth sizes

Cat. No.	Pack Size	Teeth Per Inch	Length	Weight Per Pack (lbs.)
1200BI-P	10-pack	32-24-18	12" (305 mm)	.45
1200BI	100-pack	32-24-18	12" (305 mm)	4.50

Carbon Steel Blades

- High-carbon steel blades cut mild steel, cast-iron, aluminum, and copper.
- Precision-ground teeth provide smooth cutting.



1218C

Cat. No.	Pack Size	Length	Teeth Per Inch	Weight Per Pack (lbs.)
1018C	100-pack	10" (254 mm)	18	3.50
1024C	100-pack	10" (254 mm)	24	3.50
1032C	100-pack	10" (254 mm)	32	3.50
1218C	100-pack	12" (305 mm)	18	4.50
1224C	100-pack	12" (305 mm)	24	4.50
1232C	100-pack	12" (305 mm)	32	4.50

All dimensions are in inches and (millimeters).

⚠ WARNING: Always wear approved eye protection.

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



Saws & Blades

High-Speed Steel Blades

- High-speed steel blades cut most metals, including unhardened tool steel and stainless.
- Available in 12" (305 mm) blade length only.
- Available in box of 100 blades or in reclosable, heavy-vinyl, seal-tight pouch of ten blades.



1232HS

Cat. No.	Pack Size	Length	Teeth Per Inch	Weight Per Pack (lbs.)
1218HS-P	10-pack	12" (305 mm)	18	.45
1224HS-P	10-pack	12" (305 mm)	24	.45
1232HS-P	10-pack	12" (305 mm)	32	.45
1218HS	100-pack	12" (305 mm)	18	4.50
1224HS	100-pack	12" (305 mm)	24	4.50
1232HS	100-pack	12" (305 mm)	32	4.50

Jab Saw

- Cuts drywall, wallboard, plywood, and plastic.
- Triple ground teeth for a fast cut.
- Blade cuts in both directions (push and pull).
- Hardened, carbon steel blade for durability.
- Hardened, beveled blade point for scoring and plunge cuts.
- Comfort-cushion grip with thumb groove.
- Handle structure designed for strength and durability.
- Flat-end grip for palming or punching through drywall.



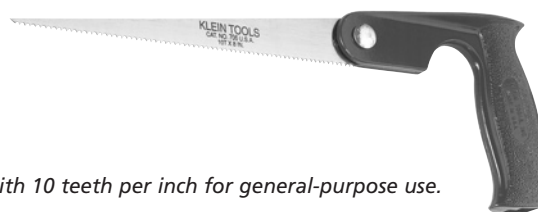
725

Cat. No.	Blade Length	Overall Length	Weight (lbs.)
725	6" (152 mm)	12" (305 mm)	.31

⚠WARNING: Never use blade as a prying device as blades may break & cause injury.

Magic-Slot Compass Saws

- Magic-Slot design allows fast blade changing without removing thumbscrew.
- Handle is strong, lightweight, die-cast zinc with blue finish.
- Handle is contoured for comfort.
- Blade is tough, high-quality carbon steel, 8" (203 mm) long, with 10 teeth per inch for general-purpose use.
- Replacement blades and handle can be ordered separately.



703

Cat. No.	Description	Overall Length	Teeth Per Inch	Weight (lbs.)
703	Magic-Slot compass saw complete with Cat. No. 706 blade	13" (330 mm)	10	1.20
702	Magic-Slot compass saw handle only. Takes only Magic-Slot cut-in or general-purpose blades.	5" (127 mm)	—	1.10

Compass Saw Blades

- For cutting through wallboard or Masonite to install wiring, outlet boxes, etc.
- Tough high-quality carbon steel.
- Pointed starter tip.
- Fits Magic-Slot compass saw handle Cat. No. 702.



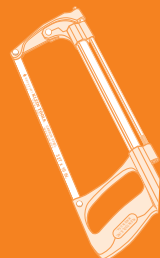
709

Cat. No.	Blade Length	Teeth Per Inch	Weight (lbs.)
Magic-Slot Electrician's Cut-in Blade			
709	4" (102 mm)	10	.06
General-Purpose Compass Saw Blades			
704	12" (305 mm)	8	.14
705	12" (305 mm)	10	.14
706	8" (203 mm)	10	.09
707	10" (254 mm)	10	.12

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

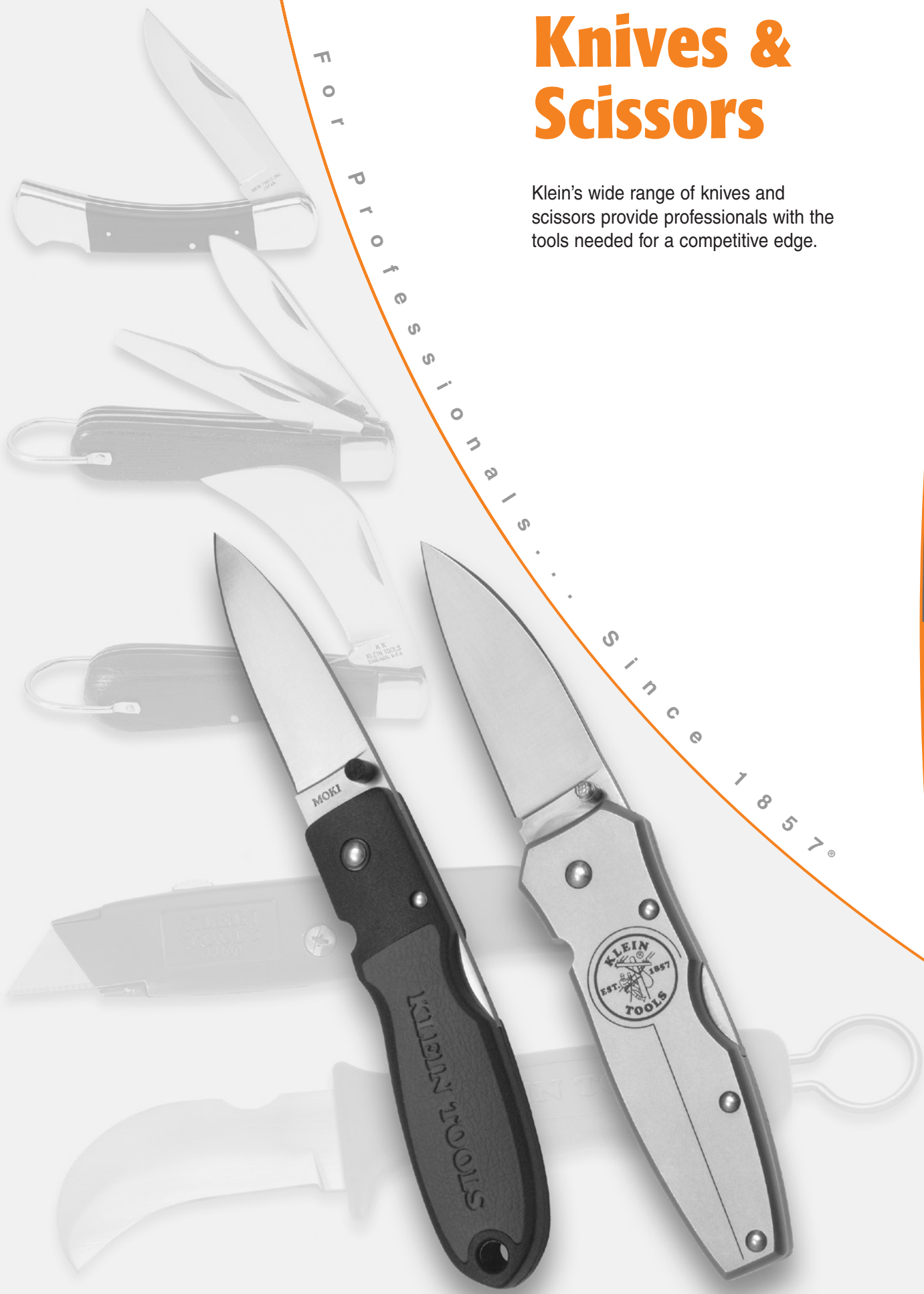
⚠WARNING: Never use on or near live electrical circuits.



Knives & Scissors

Klein's wide range of knives and scissors provide professionals with the tools needed for a competitive edge.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Knives & Scissors



Pocket Knives – One Blade

Lightweight Lockback Knives

- Blades are AUS8 stainless 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, stylish and comfortable aluminum handle (Cat. Nos. 44000 and 44001).
- Thumb stud (reversible) provides easy one-handed opening.



44001



44002

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
Drop-Point Blade				
44000	AUS8 stainless steel	2-1/4" (57 mm)	3-1/8" (76 mm)	1.5
44001*	AUS8 stainless steel	2-1/2" (64 mm)	3-1/2" (89 mm)	2.5
44002	AUS8 stainless steel	2-3/8" (60 mm)	3-1/2" (89 mm)	1.5
44003	AUS8 stainless steel	2-3/4" (70 mm)	4-1/8" (105 mm)	2.5
Sheepfoot Blade				
44004	AUS8 stainless steel	2-3/8" (60 mm)	3-1/2" (89 mm)	1.5
44005	AUS8 stainless steel	2-5/8" (67 mm)	4-1/8" (105 mm)	2.5

* Includes a pocket/belt clip.

Compact Pocket Knives – Drop Point Blade

- Compact and lightweight knives.
- Stainless steel handles and blades for long life.
- Rosewood handle inserts on both sides.
- Modified spearpoint blades lock open.



44033

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

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.

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
5186	case for Cat. No. 44037 knife			2.5



44037

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

Pocket Knives – Coping Blade

- Coping-type blade – 2-1/4" (57 mm) long.
- Compact and lightweight.
- Ideal for skinning small wire and cable.

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



1550-5

Pocket Knife – Coping Blade

- Coping-type blade – 2-1/4" (57 mm) long.
- Compact and lightweight.
- Ideal for skinning small wire and cable.
- Blade locks open.

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-11	carbon steel	2-1/4" (57 mm)	3-1/4" (83 mm)	2



1550-11

Pocket Knife – Coping Blade

- Big, carbon-steel coping-type blade – 3" (76 mm) long.
- Woodgrain plastic handle.
- Blade locks open.

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-14	carbon steel	3" (76 mm)	4-1/4" (108 mm)	4.0



1550-14

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.

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



1550-4

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.

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



1550-24

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



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

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



1550-2

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.

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



1550-7

2-Blade Pocket Knife – Sheepfoot and Insulation-Slitting Blades

- Curved sheepfoot skinning blade – 2-3/8" (60 mm) long.
- Special insulation-slitting blade – 1-1/2" (38 mm) long.
- Slitting blade locks open.

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-10	carbon steel	2-3/8" (60 mm) and 1-1/2" (38 mm)	3-3/4" (95 mm)	4.0



1550-10

Pocket Knives – Two Blades and Three Blades

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.)
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



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 – Two Blades and Three Blades

2- and 3-Blade Pocket Knives – Sharp Point and Spearpoint; Slitting Blades

- Standard-pattern, multi-blade knives.
- Nickel-silver bolsters and staged plastic handles.
- Brass linings.
- All sizes have regular sharp point and spearpoint blades.
- Cat. No. 44040 has slitting blade.

Cat. No.	Blade Steel	Amount of Blades	Blade Lengths	Length Closed	Weight (oz.)
44038	stainless steel	2	sharp point 2" (51 mm) spearpoint 1-1/4" (32 mm)	2-7/8" (73 mm)	1.3
44039	stainless steel	2	sharp point 2-1/4" (57 mm) spearpoint 1-1/4" (32 mm)	3-3/8" (86 mm)	1.7
44040	stainless steel	3	sharp point 2-5/8" (67 mm) spearpoint 2-3/4" (70 mm) slitting 2-3/4" (70 mm)	3-7/8" (98 mm)	3.0



44040

Pocket Knives – Three Blades

3-Blade Pocket Knife – Sheepfoot, Spearpoint, and Screwdriver-Tip Blades

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

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-6	carbon steel	2-3/8" (60 mm), 2-1/2" (64 mm), 2-1/2" (64 mm)	3-3/4" (95 mm)	5.0



1550-6

3-Blade Pocket Knife – Spearpoint, Insulation-Slitting, and Screwdriver-Tip Blades

- Spearpoint blade – 2-1/2" (64 mm) long.
- Special insulation-slitting blade – 1-1/2" (38 mm) long.
- Screwdriver-tip blade – 2-1/2" (64 mm) long.
- Both slitting blade and screwdriver-tip blade lock open.

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-9	carbon steel	2-1/2" (64 mm), 1-1/2" (38 mm), 2-1/2" (64 mm)	3-3/4" (95 mm)	5.0



1550-9

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



Sharpening Tools

Multi-Purpose Sharpening Steel

- A knife sharpener – and a lot more.
- Tungsten-carbide bonded to fine, medium, and rough sharpening surfaces, effectively sharpens any knife.
- Chisel point makes tool useful for hacking, prying, scraping, splitting, cutting sheet metal, or other rough jobs that would harm a knife.
- **Leather**-sheath handle folds out of the way for use as a sharpener, provides a convenient way to hold tool when used as a chisel or other tool.
- **Leather** lanyard holds tool in sheath and secures it to belt or ring.

Cat. No.	Overall Size	Weight (lbs.)
44150	5" x 7/8" x 1/4" (127 mm x 22 mm x 6 mm)	.40



44150

Combination Knife and Scissors Sharpener

- High-grade, tungsten carbide inserts sharpen both sides of the blade at the same time.
- Restores knife edge in three or four strokes.
- To sharpen a pair of scissors, place the sharpener flat on its side, and with a few quick strokes, draw the scissors blade through the slot.
- Built-in finger guard helps to protect your hand.
- Lightweight, compact size for easy carrying and storage.
- Sharpens electrician's scissors, pocket knives, retractable-blade utility knives, razor blade knives, and serrated knives.



48036

⚠WARNING: Improper use of knife and scissors sharpener and/or failure to follow instructions can result in injuries. Keep your fingers behind the curved guard, and your thumb securely on the multi-grooved thumb-rest indentation, never in front of it.

Cat. No.	Overall Size	Weight (lbs.)
48036	4" L x 2-1/4" W x 3/4" D (102 mm x 57 mm x 19 mm)	.10

Pocket-Sized Knife Sharpener

- A rugged, versatile sharpener featuring fine craftsmanship and unique design.
- Blade unscrews and stores in handle for convenient carrying in 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.



44151

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

Special-Purpose Knives

Utility Knife – Retractable Blade

- Top button moves heavy-duty, razor-edged blade to any of three cutting positions.
- Double-ended, reversible blade retracts fully for carrying.
- Lightweight aluminum handle is shaped for comfort.
- Accepts most standard blades.
- Includes 3 standard blades, stored in handle.
- Blades made in the U.S.A.
- **Leather** holder available, Cat. No. 5185.



44100

⚠WARNING: Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury.

Cat. No.	Length Closed	Weight (lbs.)
44100	6" (152 mm)	.22

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

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

Utility Knife – Quick Change Retractable Blade

- Blade locks in 3 positions.
- Notch in bottom for cutting of cord or twine up to 1/8" (3 mm) diameter with blade in any position.
- No tools required for quick blade change.
- Includes 3 heavy-duty blades, stored in handle.
- Blades made in the USA.
- **Leather** holder available, Cat. No. 5185.



44105

Cat. No.	Length Closed	Weight (lbs.)
44105	6-3/8" (162 mm)	.42

Heavy-Duty Utility Knife – Quick Change Retractable Blade KLEIN-KURVÉ

- Curved handle design with slip-resistant grip for comfort and ease of use.
- No tools required for quick blade change.
- Plastic holster with belt clip for convenient use.
- Safety overlap handle design for heavy-duty cutting.
- Retractable blade locks in 3 positions.
- Includes one heavy-duty blade and stores up to 10 blades in handle.
- Fits most standard utility blades.
- Blades made in the U.S.A.

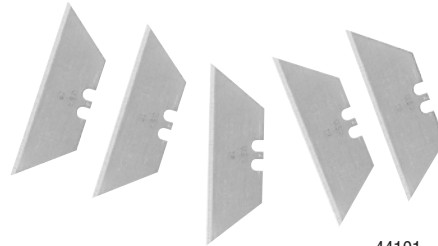


44107

Cat. No.	Length Closed	Weight (lbs.)
44107	7" (178 mm)	.50

Utility Knife Blades

- Heavy-duty razor-edged blades.
- Universal size fits Klein and most other makes of utility knives.
- Blades are reversible for extra life.
- Blades made in the U.S.A.



44101

Cat. No.	Blade Size	Package Size	Weight (lbs.)
44101	2-7/16" x .025" (62 mm x 6 mm)	5 blades	.05
44104	2-7/16" x .025" (62 mm x 6 mm)	bulk package of 400 blades	4.0

Utility-Knife Blade Dispenser – 100 Blades

- Heavy-duty razor-edged blades.
- Universal size fits Klein and most other makes of utility knives.
- Blades are reversible for extra life.
- Dispenser mounts vertically to dispense one blade at a time.
- Dispenser measures 2-3/4" W x 1-1/8" D x 5" H (70 mm x 29 mm x 127 mm).
- Blades made in the U.S.A.



44102

Cat. No.	Contains	Weight (lbs.)
44102	utility-knife blade dispenser complete with 100 blades	1.00

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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

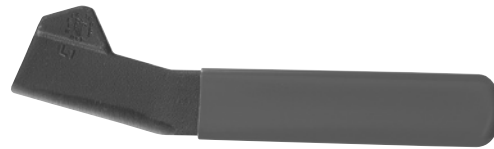
▲WARNING: Blades are intended for cutting only, and should be handled and disposed of with care. Bending the blade can cause it to break, possibly resulting in bodily injury.



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.**



1515-S

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.**



1515-1

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

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.**



1560-3



1570-3

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

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.



44200

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

All dimensions are in inches and (millimeters).

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

▲WARNING: Always wear approved eye protection.

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

Cable-Splicer's Kit

- Includes cable-splicer's knife, electrician's scissors, and 2-pocket leather pouch.
- 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		.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

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.
- Screw hinge permits adjustment.

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



2100-5

Electrician's Scissors – Stripping Notches

- Upper blade has notches for stripping 19- and 23-gauge 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.
- Screw hinge permits adjustment.
- Serrated lower blade reduces slippage.

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



2100-7

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

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



PRIDE

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Andy

Andy Bucher
Building Maintenance Supervisor
14 Years

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Hammers, Chisels & Punches

Klein hammers, chisels, and punches are designed and created to strike through jobsite challenges. Engineered with the professional in mind, each hammer, chisel, and punch is job-matched to fit the task at hand.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 .



Hammers, Chisels
& Punches



Hammers

Electrician's Straight-Claw Hammer

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck.
- High-strength fiberglass shaft absorbs shock and keeps head tight.
- Comfortable, perforated neoprene grip bonded to handle.
- Correctly balanced and designed specifically for use in electrical work.
- Extra-long neck, and narrow striking face are ideal for reaching into outlet boxes and other tight areas.



807-18

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
807-18	18 oz. (510 g)	15" (381 mm)	1.85

Straight-Claw Hammers – Heavy-Duty

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck.
- High-strength fiberglass shaft absorbs shock and keeps head tight.
- Comfortable, perforated neoprene grip bonded to handle.
- Straight-claw design for easy nail pulling in tight quarters.



808-16

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
808-16	16 oz. (454 g)	13" (330 mm)	1.85
808-20	20 oz. (567 g)	14" (356 mm)	2.00

Curved-Claw Hammers – Heavy-Duty

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck.
- High-strength fiberglass shaft absorbs shock and keeps head tight.
- Comfortable, perforated neoprene grip bonded to handle.
- Curved claw gives maximum nail-pulling leverage.



818-16

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
818-16	16 oz. (454 g)	13" (330 mm)	1.85
818-20	20 oz. (567 g)	14" (356 mm)	2.00

Ball-Peen Hammers

- High-carbon steel head is forged and hardened.
- Crowned face with uniform bevel.
- Smoothly rounded peen.
- Straight-grain hickory handle is stained and lacquered.



803-12

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
803-8	8 oz. (227 g)	11-1/2" (292 mm)	.75
803-12	12 oz. (340 g)	12-1/2" (318 mm)	1.10
803-16	16 oz. (454 g)	13-1/2" (343 mm)	1.40
803-24	24 oz. (680 g)	15" (381 mm)	1.90
803-32	32 oz. (907 g)	15" (381 mm)	2.50

Lineman's Straight-Claw Hammer

- 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.
- Blue painted finish.
- Straight-grain hickory handle, lacquered.



832-32

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

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

⚠ WARNING: Always wear approved eye protection.



Lineman's Double-Face Hammer

- 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.



809-36

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

Hand-Drilling Hammer

- Extra-heavy, forged steel head, hardened and tempered.
- Short handle for working in close quarters.
- Select hickory handle, triple-wedged and lacquered.
- Special handle treatment removes handle moisture and replaces it with oil to help eliminate the effects of extreme temperatures.



823-48

Cat. No.	Head Weight	Overall Length	Weight (lbs.)
823-48	48 oz. (1361 g)	10" (254 mm)	3.25

Chisels

Cold Chisels

- Heat-treated, high-carbon steel for necessary hardness and durability.
- Cuts, shapes, and removes metal.
- Corrosion resistant black finish.



66142

Cat. No.	Blade Width	Overall Length	Weight (lbs.)
66140	3/8" (10 mm)	5" (127 mm)	.10
66142	1/2" (13 mm)	6" (152 mm)	.20
66143	5/8" (16 mm)	6-1/2" (165 mm)	.35
66144	3/4" (19 mm)	7-1/2" (191 mm)	.60
66145	7/8" (22 mm)	8" (203 mm)	.85
66146	1" (25 mm)	8-1/2" (216 mm)	1.31

Cold Chisels – Long-Length



66177

- Heat-treated, high-carbon steel for necessary hardness and durability.
- Cuts, shapes, and removes metal.
- Correctly ground edge and long length work better in hard-to-reach areas.
- Corrosion resistant black finish.

Cat. No.	Blade Width	Overall Length	Weight (lbs.)
66174	1/2" (13 mm)	12" (305 mm)	.40
66177	3/4" (19 mm)	12" (305 mm)	1.05
66183	1" (25 mm)	12" (305 mm)	2.05

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

⚠ WARNING: Always wear approved eye protection.



Chisels

Electrician's Chisel

- One-piece forged handle and blade of strong alloy steel.
- Corrosion resistant black finish extends to the polished blade edge.



Cat. No.	Blade Width	Overall Length	Weight (lbs.)
66100	2-3/4" (70 mm)	8" (203 mm)	1.10

Punches

Drift Punches

- High-carbon steel for durability.
- Rugged design for impact strength.
- Strong, heat-treated points are smooth and correctly tapered.
- Corrosion resistant black finish.



Cat. No.	Point	Taper	Overall Length	Weight (lbs.)
66340	1/8" (3 mm)	4-1/4" (108 mm)	8" (203 mm)	.20
66342	3/16" (5 mm)	5" (127 mm)	9" (229 mm)	.35
66343	1/4" (6 mm)	5-1/2" (140 mm)	11" (279 mm)	.75
66344	5/16" (8 mm)	5-1/2" (140 mm)	11" (279 mm)	.75

Center Punches

- High-carbon steel for durability.
- Rugged design for impact strength.
- Smooth-ground points heat-treated to stay sharp and true longer.
- Corrosion resistant black finish.



Cat. No.	Shank Diameter	Overall Length	Weight (lbs.)
66310	1/4" (6 mm)	4 1/4" (108 mm)	.05
66311	5/16" (8 mm)	4 1/2" (114 mm)	.10
66312	3/8" (10 mm)	5" (127 mm)	.10
66313	1/2" (13 mm)	6" (152 mm)	.25

Pin Punches

- High-carbon steel for durability.
- Precision-ground shank.
- Heat-treated for added strength and hardness at working end.
- Corrosion resistant black finish.



Cat. No.	Point Diameter	Overall Length	Weight (lbs.)
66320	1/16" (1.5 mm)	4-1/4" (108 mm)	.05
66321	3/32" (2 mm)	4-3/4" (121 mm)	.10
66322	1/8" (3 mm)	5" (127 mm)	.10
66323	5/32" (4 mm)	5-1/4" (133 mm)	.10
66324	3/16" (5 mm)	5-1/2" (140 mm)	.10
66325	1/4" (6 mm)	7" (178 mm)	.20

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

⚠ WARNING: Always wear approved eye protection.



Electrical Testers

Electrical testing is easy and convenient when using Klein's electrical testers. Designed to deliver accurate results that are easy-to-read and reliable, Klein testers offer professionals the testing answers they are looking for.

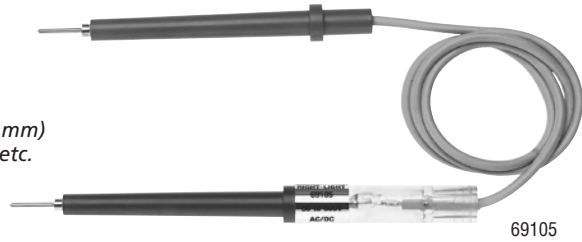
F O R P R O F E S S I O N A L S S I N C E 1 8 5 7 .



Electrical Testers

Circuit Tester

- Tests circuits rated from 80 to 600 volts AC/DC.
- High-visibility neon lamp indicator.
- High-impact, sealed 5-11/16" (144 mm) probe on long 24" (610 mm) leads for convenience in testing motors, fuses, relays, switches, etc.
- Resistor between each probe and lead.
- Reliable electronic components.



Cat. No.	Overall Length with Probes	Weight (lbs.)
69105	35" (889 mm)	.15

Continuity Tester – Pocket Size

- Battery-powered tester quickly checks continuity of dead circuits, switches, appliances, cords, fuses, motors, control equipment, coils, and panel boards.
- Also tests circuits for low-resistance shorts and helps identify wires in multi-wire cables.
- Spring-steel pocket clip serves as test probe.
- 36" (914 mm) lead with plug on one end, alligator clip on the other.
- Body is copper-nickel-plated brass with plug receptacle in one end, incandescent bulb in the other.
- Can also be used as a flashlight.
- Uses two AA-size penlight batteries (not included).



⚠WARNING: Do NOT use for checking continuity on live circuits.

Cat. No.	Overall Length, Probe to Clip	Weight (lbs.)
69110	45" (1143 mm)	.20

Continuity Tester

- Quickly reveals shorts or broken circuits in all types of electrical devices and controls.
- Tests for continuity of circuit with power off.
- Bulb in handle glows when circuit is complete (bulb included).
- Pointed 3-3/4" (95 mm) probe gets right to the problem.
- Deluxe 4" (102 mm) long handle with removable nylon cap holds replaceable bulb and battery.
- 36" (914 mm) test lead with alligator clip.
- Uses one AAA battery (not included).



⚠WARNING: Do NOT use for checking continuity on live circuits.

Cat. No.	Description	Weight (lbs.)
69133	overall length probe to clip, 43-3/4" (1111 mm)	.20
Replacement Part		
69131	replacement bulb for Cat. No. 69133	.04

Low-Voltage Tester

- Low-voltage device for checking live 6-24V, AC or DC circuits.
- Tests for shorts in automotive and truck electrical systems, motor field coils, radio and low-voltage circuits, ground circuits of all lamps, wiring, fuses, etc.
- Bulb in handle glows when circuit is complete (bulb included).
- Pointed 3-3/4" (95 mm) probe makes checking easier.
- Deluxe 4" (102 mm) long handle with nylon top holds replaceable bulb.
- 36" (914 mm) test lead with alligator clip.



Cat. No.	Description	Weight (lbs.)
69127	overall length probe to clip, 43-3/4" (1111 mm)	.20
Replacement Part		
69130	replacement bulb for Cat. No. 69127	.01

All dimensions are in inches and (millimeters).



Wiggy® Solenoid Voltage Tester

- Genuine Wiggy® solenoid voltage tester for 120V to 600V AC (50/60 Hz) or 120V to 600V DC current.
- Locates blown fuses, grounds and system leaks quickly.
- UL and CSA approved.
- Large, easy-to-read voltage indicator scale and DC polarity indicator.
- Operates without the use of batteries.
- Compact design, with high-impact case and probe assemblies.
- Sealed construction keeps out dust and dirt.
- Probes have retractable protective sleeves that can be adjusted and locked to expose the appropriate tip length desired for any application.
- Probes store conveniently in case, which can also serve as probe holder.
- Test leads are 28" (711 mm) long (including probe module) and have strain-relief protection.
- Replacement polarity-indicating cap and replacement test leads with probes are available.
- Rugged **leather** voltage-tester holder is available, see Cat. No. 5137.



69115

Cat. No.	Description	Weight (lbs.)
69115	tester body is 6" (152 mm) long; leads are 28" (711 mm) long including 6" (152 mm) probe module	.65
Replacement Parts		
69116	replacement lead module, complete with probes	.35
69117	replacement DC polarity indicating cap for Cat. No. 69115	.20

⚠ DANGER

LIVE CIRCUIT. Risk of Electrical Shock or Burn

- Before relying on any voltage tester reading, always check the operating condition of the tester on a **KNOWN LIVE** circuit.
- Always use appropriate eye protection.

Failure to follow this instruction will result in death or serious injury.

⚠ CAUTION

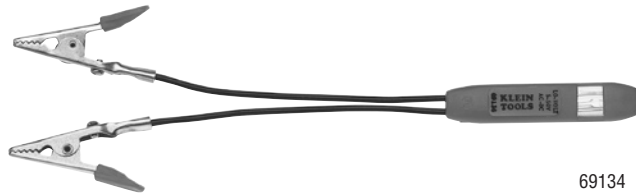
OVERHEATED TESTER

- This voltage tester is designed for **INTERMITTENT DUTY** only.
- Do not leave the tester in the circuit for more than (15) seconds. On-off ratio 1:16.

Failure to follow instructions will result in burns to the hands or tester damage.

Low-Voltage Twin-Lead Tester

- Tests 5-50 volt, AC or DC circuits and components.
- Built-in lamp glows if circuit is live.
- Each of the 4-1/2" (114 mm) test leads has an alligator clip on the end.
- Handy pocket clip.



69134

Cat. No.	Overall Length	Weight (lbs.)
69134	8" (203 mm)	.05

Multi-Volt Twin-Lead Tester

- Tests for DC polarity, frequency, and polyphase line.
- Checks and indicates voltage on circuits up to 460 volts, AC or DC.
- Combination of glow lamps indicate voltage being tested—110, 220, 277, or 460 volts.
- Test leads furnished with probes on the ends.



69135

Cat. No.	Overall Length	Weight (lbs.)
69135	7-7/8" (200 mm)	.05

All dimensions are in inches and (millimeters).



Electrical Testers

General Purpose Twin-Lead Tester

- Tests voltage in 90-250 volt range, AC or DC.
- Neon lamp glows indicating live circuit.
- The 5" (127 mm) test leads have probes on the ends.
- Handy pocket clip.
- Cat. No. 69132-12 contains 12 of 69136 testers in a plastic display tray.



69136

Cat. No.	Overall Length	Weight (lbs.)
69136	7-7/8" (200 mm)	.05
69132-12	—	.60

Test Lead Set

- Set of two 32" (813 mm) leads.
- Red and black.
- Each lead has alligator clips attached to both ends.



69128

Cat. No.	Overall Length	Weight (lbs.)
69128	32" (813 mm)	.40

All dimensions are in inches and (millimeters).



Cord Reels & Drop-Lites

Convenience and added mobility are just two of the benefits Klein cord reels and drop-lites offer. Heavy-duty construction and design make them perfect for any job while keeping work areas clutter-free.

FOR PROFESSIONALS... SINCE 1857®



Cord Reels & Drop-Lites



Cordomatic® Cord Reels & Drop-Lites

Drop-Lite Reels

- Cord pulls out, locks and retracts automatically with a quick tug-and-release motion.
- Ceiling-mount reels allow 360° rotation; wall-mount 180° side-to-side rotation.
- Rugged steel case.
- Cord is 3-conductor (grounded) type.
- Reel with grounded convenience outlet in the handle plus push-button switch.
- The 3-conductor grounded cord has molded plug and swing-open metal lamp guard with one-piece hanger hook.
- Circuit breaker resets (Cat. Nos. 900G and 950G).

Cat. No.	Cord Type	UL Rated	Cord Length	Diameter of Reel	Weight (lbs.)
950G	18/3 SVT cord	7A/125V	50' (15 m)	9-1/2" (241 mm)	7.55
900G	18/3 SJT cord	7A/125V	30' (9 m)	9-1/2" (241 mm)	7.01
Heavy-Duty Service					
S900G	SJT 16/3 cord	10A/125V	30' (9 m)	9-1/2" (241 mm)	7.17



950G

Power-Outlet Reel

- Cord pulls out, locks and retracts automatically with a quick tug-and-release motion.
- Ceiling-mount reels allow 360° rotation; wall-mount 180° side-to-side rotation.
- Rugged steel case.
- Cord is 3-conductor (grounded) type.
- 50-ft. reel with 3-conductor grounded cord with receptacle.
- Circuit breaker resets.

Cat. No.	Cord Type	UL Rated	Cord Length	Diameter of Reel	Weight (lbs.)
900P	18/3 SVT cord	7A/125V	50' (15 m)	9-1/2" (241 mm)	6.97



900P

Fluorescent Drop-Lite Reel

- Cord pulls out, locks and retracts automatically with a quick tug-and-release motion.
- Ceiling-mount reels allow 360° rotation; wall-mount 180° side-to-side rotation.
- Rugged steel case.
- Cord is 3-conductor (grounded) type.
- 50-ft. grounded fluorescent reel provides cool, energy-efficient light.
- Shatter-resistant shield with a no-glare reflector.
- Instant starter switch in handle.
- Convenient hanging hook.
- Grounded plug-in ballast with grounded safety cord.
- 15-watt fluorescent bulb included.

Cat. No.	Cord Type	UL Rated	Cord Length	Diameter of Reel	Weight (lbs.)
900FL	18/2 SVT cord	15W/117V	50' (15 m)	9-1/2" (241 mm)	7.53



900FL

Note: 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.

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



Retractable Fluorescent Lite

- Cord pulls out, locks and retracts automatically with a quick tug-and-release motion.
- Ceiling-mount reels allow 360° rotation; wall-mount 180° side-to-side rotation.
- Rugged steel case.
- Cord is 3-conductor (grounded) type.
- Compact, energy-efficient, dual-bulb fluorescent light with a non-glare reflector for high light levels in small areas.
- Shatter-resistant shield.
- Instant starter switch in handle.
- Convenient hanging hook.
- Cord ball-stop.
- Grounded plug-in ballast and grounded safety cord.
- Furnished with 13-watt dual fluorescent bulb.

Cat. No.	Cord Type	UL Rated	Cord Length	Diameter of Reel	Weight (lbs.)
35325	18/2 cord	117V	40' (12 m)	9-1/2" (241 mm)	8.03



35325

"500" Series Handy-Lite Reels

- Reels can be easily mounted on wall or ceiling and include a locking mechanism.
- Swivel-hook allows the reel to rotate when hung on ceiling.
- Cord pulls out, locks, and retracts automatically with a quick tug-and-release motion.
- Bulbs not included.

Cat. No.	Description	Cord Type	UL Rated	Cord Length	Diameter of Reel	Weight (lbs.)
500	push-button switch in handle and plastic guard with one-piece hanger hook, but no convenience outlet	18/2 SVT 2-conductor cord	6A-125V	20' (7.5 m)	6-1/2" (165 mm)	3.15
500G	grounded outlet and push-button switch in handle, plus steel lamp guard	18/3 SVT 3-conductor cord	7A-125V	20' (7.5 m)	6-1/2" (165 mm)	3.19
500P	power outlet reel with one-outlet receptacles in place of hand lamp for plugging in tools	18/3 SVT 3-conductor cord	7A-125V	20' (7.5 m)	6-1/2" (165 mm)	3.12



500

Drop-Lite with 3-Conductor Cord

- Heavy-duty construction.
- Steel swing-open guard with hanger hook.
- 3-conductor cord with molded plug cap.
- Push-button switch.
- Convenience outlet.
- Comfortable grip.
- Bulb not included.

Cat. No.	Cord Type	UL Rated	Cord Length	Weight (lbs.)
125DCG	18/3 SJT	10A-125V	25' (7.5 m)	1.79
150DCG	18/3 SJT	10A-125V	50' (15 m)	3.18
225DCG	16/3 SJT	13A-125V	25' (7.5 m)	2.37
250DCG	16/3 SJT	13A-125V	50' (15 m)	3.95



125DCG

Note: 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.

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



Fluorescent Drop-Lite

- Provides cool, energy-efficient illumination.
- Shatter-resistant shield with a no-glare reflector.
- Instant-starter switch in handle.
- Convenient hanging hook.
- Grounded plug-in ballast.
- 15-watt fluorescent bulb.



Cat. No.	Cord Type	Cord Length	Weight (lbs.)
825FL	18/2 SJT	25' (7.5 m)	2.74



825FL

Deluxe Handle Assembly

- Has swing-open guard, comfortable, impact-resistant handle.
- Bulb not included.
- Grounding-type steel guard, push-button switch, and convenience outlet.

Cat. No.	Weight (lbs.)
400HAG	.48



400HAG



Terminals & Cable Ties

Klein solderless terminals and cable ties are engineered to exceptionally high standards for quality and performance. Available in a variety of types and sizes, Klein terminals and cable ties provide fast and easy installations.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®








Terminals & Cable Ties



Terminals

60000 Series Insulated Bell-Mouth Terminals






- Flared, vinyl insulated sleeve to allow easier insertion of the wire, or wires with extra-heavy-duty insulation.
- Insulation is color coded to indicate wire size; red for 22-18 gauge, blue for 16-14 gauge, and yellow for 12-10 gauge.
- 100 pieces per reusable C-Pack.

	C-Pack Cat. No.	D-Pack Cat. No.	D-Pack Quantity	Sleeve Color	Wire Size	Stud Size	Hole Diameter	Length	Width	Weight Per (oz.)
Ring Tongue										
	C61204	—	—	red	22-18	4	1/8"	51/64"	15/64"	.0224
	C61205	D61205	11	red	22-18	5-6	9/64"	51/64"	7/32"	.0256
	C61206	D61206	11	red	22-18	5-6	9/64"	55/64"	9/32"	.0224
	C61208	D61208	11	red	22-18	8	11/64"	7/8"	21/64"	.0288
	C61210	D61210	11	red	22-18	10	13/64"	7/8"	21/64"	.0288
	C61214	D61214	9	red	22-18	1/4	17/64"	1-1/8"	15/32"	.0427
	C61238	D61238	9	red	22-18	3/8	25/64"	1-17/64"	17/32"	.0391
	C61304	—	—	blue	16-14	4	1/8"	51/64"	1/4"	.0288
	C61305	D61305	11	blue	16-14	5-6	9/64"	51/64"	1/4"	.0288
	C61308	D61308	11	blue	16-14	8	11/64"	61/64"	21/64"	.0352
	C61310	D61310	11	blue	16-14	10	13/64"	61/64"	21/64"	.032
	C61314	D61314	9	blue	16-14	1/4	17/64"	1-5/32"	15/32"	.0462
	C61338	D61338	9	blue	16-14	3/8	25/64"	1-19/64"	17/32"	.0462
	C61406	—	—	yellow	12-10	4-6	9/64"	1-1/32"	3/8"	.064
	C61408	D61408	9	yellow	12-10	8	11/64"	1-1/32"	3/8"	.0569
	C61410	D61410	9	yellow	12-10	10	13/64"	1-1/32"	3/8"	.064
	C61414	D61414	7	yellow	12-10	1/4	17/64"	1-19/64"	33/64"	.0869
	C61438	D61438	7	yellow	12-10	3/8	25/64"	1-13/32"	19/32"	.0823
Spade Tongue										
	C63204	—	—	red	22-18	4	1/8"	3/4"	19/64"	.0192
	C63206	D63206	11	red	22-18	5-6	9/64"	27/32"	19/64"	.0256
	C63208	D63208	11	red	22-18	8	11/64"	59/64"	13/32"	.0352
	C63210	D63210	11	red	22-18	10	13/64"	59/64"	13/32"	.0352
	C63306	D63306	11	blue	16-14	4-6	9/64"	55/64"	19/64"	.0288
	C63308	D63308	11	blue	16-14	8	11/64"	61/64"	13/32"	.0352
	C63310	D63310	11	blue	16-14	10	13/64"	61/64"	13/32"	.0352
	C63406	—	—	yellow	12-10	4-6	9/64"	63/64"	11/32"	.0672
	C63408	D63408	9	yellow	12-10	8	11/64"	63/64"	11/32"	.0533
	C63410	D63410	9	yellow	12-10	10	13/64"	1-1/32"	13/32"	.0604
	C64206*	D64206*	11	red	22-18	4-6	9/64"	57/64"	19/64"	.0224
Hook Tongue										
	C65206	—	—	red	22-18	4-6	9/64"	57/64"	11/32"	.0288
	C65208	D65208	11	red	22-18	8	11/64"	57/64"	11/32"	.0288
	C65210	—	—	red	22-18	10	13/64"	57/64"	11/32"	.0224
	C65306	—	—	blue	16-14	4-6	9/64"	53/64"	19/32"	.0288
	C65308	D65308	11	blue	16-14	8	11/64"	57/64"	11/32"	.032
	C65310	—	—	blue	16-14	10	13/64"	15/16"	13/32"	.0256
	C65410	—	—	yellow	12-10	10	13/64"	1-1/32"	13/32"	.0608
Butt Connectors										
	C67202	D67202	11	red	22-18	—	—	1-1/16"	—	.0384
	C67302	D67302	11	blue	16-14	—	—	1-1/16"	—	.048
	C67402	D67402	9	yellow	12-10	—	—	1-1/16"	—	.0888
Pigtail Connectors										
	C67203	D67203	11	—	16-14	—	—	49/64"	5/16"	.0256
	C67405**	D67405	10	—	12-10	—	—	21/32"	27/64"	.048

* With flange. ** This item packaged 50 pieces per C-Pack.



Quick Connects

	Cat. No.	Sleeve Color	Wire Size	Length	Width	Weight Per (oz.)
Male Tab						
	C68202	red	22-18	53/64"	1/4"	.0352
	C68401	yellow	12-10	63/64"	1/4"	.0576
Female Tab						
	C68203	red	22-18	53/64"	1/4"	.0256
	C68403	yellow	12-10	1-1/4"	1/4"	.0480
	C68305	blue	16-14	7/8"	1/4"	.0288
Male Tab (Fully Insulated)						
	C68303*	blue	16-14	1-1/32"	15/32"	.0416
Female Tab (Fully Insulated)						
	C68304	blue	16-14	27/32"	11/32"	.0384
Snap Terminals						
	C69301	blue	16-14	59/64"	5/32"	.0480
	C69303	blue	16-14	51/64"	3/16"	.0448

* This item packaged 50 pieces per C-Pack.

Terminal Sets

Insulated Terminal Kit

- Contains a total of 158 pieces in 15 assorted single-grip insulated terminal styles for a wide variety of general-purpose applications.
- Kit comes in a sturdy see-thru plastic box with 15 compartments, one for each terminal style, for easy organization.
- Includes 158 total terminals of the following; 61205, 61210, 61305, 61310, 61410, 61414, 63206, 63210, 63306, 63310, 67202, 67302, 67402, 68202, and 68305.

Cat. No.	Length	Width	Height	Weight (lbs.)
89976	8-3/4" (222 mm)	4" (102 mm)	1" (25 mm)	.72



89976

Insulated Connect-All Kit

- Contains a total of 74 pieces in 10 assorted single-grip terminal styles for a wide variety of general-purpose applications.
- Kit comes in a sturdy see-thru plastic box with molded tray for easy organization.
- Includes 74 total terminals of the following; 61210, 61310, 61410, 61414, 63310, 64206, 67202, 67302, 67402, and 68305.

Cat. No.	Length	Width	Height	Weight (lbs.)
2398	6-1/2" (165 mm)	5-1/2" (140 mm)	1-5/16" (33 mm)	.49



2398



Nylon Cable Ties

Cable Ties – Standard

- Available in E-Packs of assorted quantities, C-Packs of 100 ties.
- Lengths range from 4-3/16" (107 mm) through 15-1/2" (394 mm), for bundle diameters of 3/4" (19 mm) through 4-1/2" (114 mm).
- Locks permanently in place when pulled tight.
- All-nylon construction.
- Uniform serrations along the length of the tie permit easy pull-through and eliminate slippage.

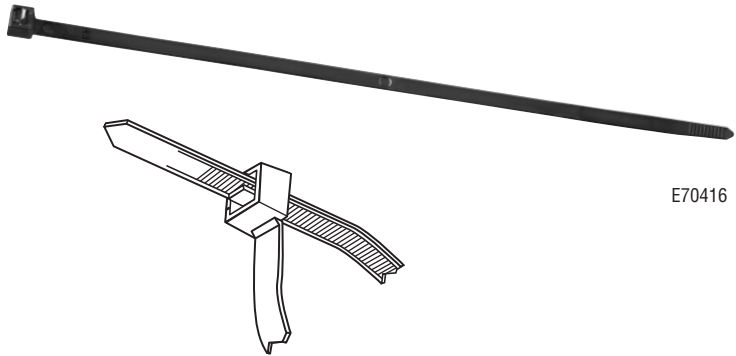


C70414

C-Pack Cat. No.	Quantity Per Pak	E-Pack Cat. No.	Quantity Per Pak	Maximum Bundle Diameter	Minimum Tensile Strength	Overall Length	Color	Weight Per 10 Pieces (lbs.)
C70412	100	E70412	40	3/4" (19 mm)	18 lbs.	4-3/16" (106 mm)	natural	.06
C70413	100	E70413	32	1-1/4" (32 mm)	30 lbs.	5-3/4" (146 mm)	natural	.01
C70414	100	E70414	20	2" (51 mm)	50 lbs.	8" (203 mm)	natural	.04
C70415	100	E70415	12	4-1/2" (114 mm)	50 lbs.	15-1/2" (394 mm)	natural	.06

Cable Tie – Reusable

- Cat. No. E70416 comes in an E-Pack of 12 ties.
- 8" (203 mm) long, for bundle diameters of up to 1-1/2" (38 mm).
- Locks tightly in place when installed, but can be easily released and reused.
- All-nylon construction.
- Uniform serrations along the length of the tie permit easy pull-through and eliminate slippage.



E70416

E-Pack Cat. No.	Quantity Per Pak	Maximum Bundle Diameter	Minimum Tensile Strength	Overall Length	Color	Weight (lbs.)
E70416	12	1-1/2" (38 mm)	50 lbs.	8" (203 mm)	black	.04

Cable Tie Assortment Packs

- Contain various quantities of the most-used cable ties plus holders.

Cat. No.	Contains	Weight (lbs.)
E70417	32-piece assortment contains twenty style Cat. No. 70412 ties, ten style Cat. No. 70413 ties, and two adhesive-back holders	.05
E70418	28-piece assortment contains twelve style Cat. No. 70412 ties, eight style Cat. No. 70413 ties, six style Cat. No. 70414 ties, and two adhesive-back holders	.05



Hand Cleaners

Klein hand cleaners quickly and effectively remove the toughest grease, dirt, and grime. Containing the toughest cleansers available, Klein hand cleaners also help to prevent hands from becoming too dry and chapped by including skin care agents.

FOR PROFESSIONALS... SINCE 1857®



Hand Cleaners



Cat. No. 51402

KLEIN TOOLS
ORANGE PUMICE
Hand Cleaner

- Natural Citrus Formula Lotion
- No Petroleum Solvents, Nontoxic
- Contains Lanolin, Aloe and Jojoba
- Formulated with Corn Huskers Lotion®

Fresh Citrus Scent

CAUTION: EYE IRRITANT.
Read carefully other cautions on back panel.

NET 7.5 FL.OZ. (221.7 ml)

131015 1-00

Hand Cleaners

Heavy-Duty Professional-Quality Formula (Yellow Label)

- Base formula is a heavy-duty professional-quality grade that is hard on dirt, but easy on your hands.
- Cleans without water.
- Quickly removes the toughest dirt and grime including greases, inks, common paint, glues, tar, rubber-gasket and tile cements, food and grass stains, and other stubborn substances from your hands.
- Klein hand cleaners contain lanolin and aloe to moisturize and condition your skin.
- Regular use not only keeps hands clean, but conditions and helps keep them smooth.



51408

Cat. No.	Type	Container Size	Weight (lbs.)
51408	cream	14 oz. can (397 g.)	1.00

Pumice Heavy-Duty Professional-Quality Formula (Blue Label)

- Cleans without water.
- Pumice scrubbing action helps power out the worst grease and grime.
- Pumice formula contains lanolin and aloe to moisturize and condition your skin.
- Quickly removes soils, resins, printer's inks, paint, glue, rubber-gasket, and tile cements.
- Regular use not only keeps hands clean, it helps keep them smooth.



51401

Cat. No.	Type	Container Size	Weight (lbs.)
51401	lotion	7.5 fl. oz. squeeze bottle (221.7 ml)	.60
51417	lotion	1 gallon bottle with dispenser pump (3.8 liters)	8.10

Klein Orange Hand Cleaners

- Cleans without water.
- A natural, citrus-based cleaning lotion that gently removes the toughest dirt, grease, grime, soils, resins, printer's ink, paint, glue, rubber gasket, and tile cements.
- Formulation also includes lanolin, aloe, and jojoba to help prevent dry, chapped hands.
- Biodegradable (according to OECD-301E), nontoxic, and contains no petroleum solvents (S1402).
- Features pumice scrubbing action for those extra tough, extra dirty cleaning jobs.



51402

Cat. No.	Type	Container Size	Weight (lbs.)
51402	orange pumice	7.5 fl. oz. squeeze bottle (221.7 ml)	.60
51403	smooth orange	7.5 fl. oz. squeeze bottle (221.7 ml)	.60

Klein Kleanners® 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.

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



51426



51425

All dimensions are in inches and (millimeters).

For additional information, read the Material Safety Data Sheet for these products located at www.kleintools.com.

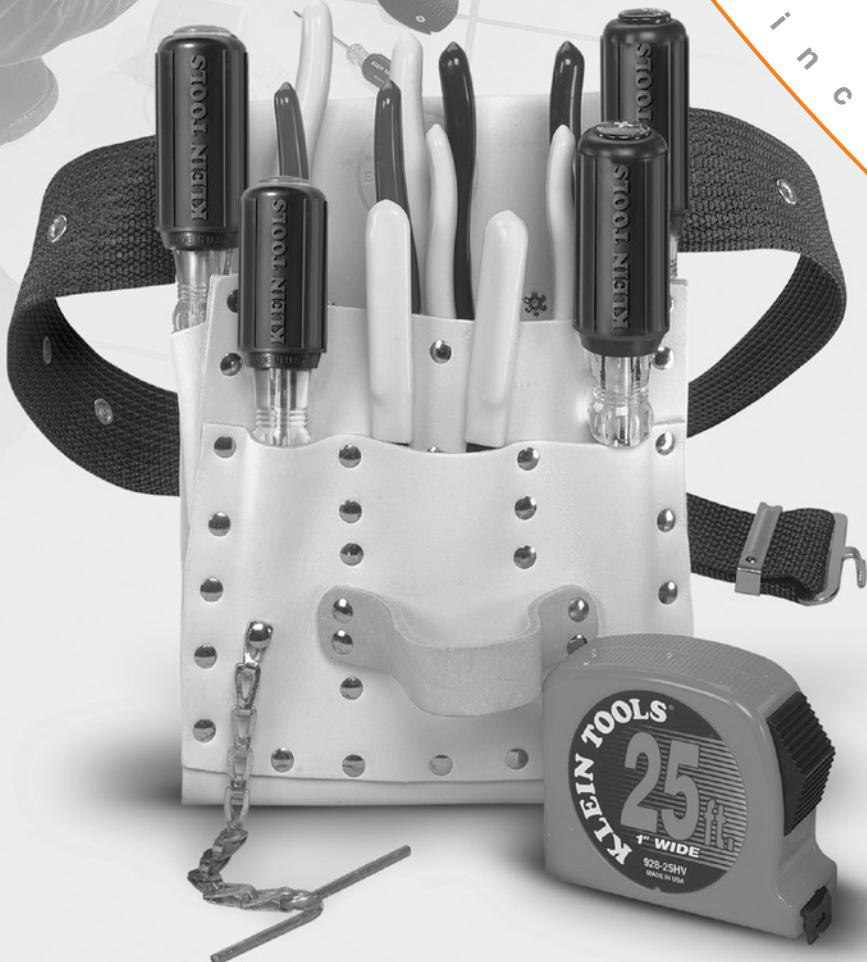
CAUTION: For external use only. Do not allow contact with eyes. For additional information, read the Material Safety Data Sheet for this product or visit our website at www.kleintools.com. HMIS Rating: Health-1, Flammability-1, Reactivity-0, and Personal Protection-None.



Tool Sets

Some projects are more complex than others and require a variety of tools to be used. For this reason, Klein has tool kits to assist professionals with these demanding projects.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Tool Sets



Tool Sets

41-Piece Journeyman™ Tool Set

JOURNEYMAN

- Comfortable and durable tools for the professional.

Cat. No.	Set Contains	Weight (lbs.)
80141		29.8

Cat. No.	Description
BLK12	12-piece ball-end hex-key caddy set – inch
J203-6	Journeyman™ standard long-nose pliers
J203-8N	Journeyman™ heavy-duty long-nose pliers – side-cutting & stripping
J502-10	10" Journeyman™ pump pliers with 1-3/4" (44 mm) jaw capacity
D507-8	8" adjustable wrench – extra capacity
D507-12	12" adjustable wrench – extra capacity
600-1	1/4" keystone-tip cushion-grip screwdriver – 1-1/2" (40 mm) round-shank
600-4	1/4" keystone-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty square-shank
601-3	3/16" cabinet-tip cushion-grip screwdriver – 3" (76 mm) round-shank
601-6	3/16" cabinet-tip cushion-grip screwdriver – 6" (152 mm) round-shank
602-6	5/16" keystone-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
603-1	No. 2 Phillips cushion-grip screwdriver – 1-1/2" (40 mm) round-shank
603-3	No. 1 Phillips cushion-grip screwdriver – 3" (76 mm) round-shank
603-4B	wire bending No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank
605-6	1/4" cabinet-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
631	7-piece cushion-grip nut driver set (3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2")
650	cushion-grip scratch awl
662	No. 2 square-recess tip cushion-grip screwdriver – 4" (102 mm) round-shank
670-6	3/16" cabinet-tip cushion-grip screwdriver – Rapi-Drive®
916-25RE	25' x 1" power-return rule – magnetic tip
931-9RE	torpedo level - magnetic
J1005	Journeyman™ crimping/cutting tool – non-insulated and insulated connectors
K1412	Klein-Kurve™ dual NM cable stripper/cutter
J2000-9NETP	Journeyman™ high-leverage side-cutting pliers – fish tape pulling
J2000-48	Journeyman™ high-leverage diagonal-cutting pliers – angled head
5003-18	18" 10-pocket canvas tool bag with leather bottom
5139	canvas zipper bag
11055	Klein-Kurve® wire stripper/cutter – 10-18 AWG solid & 12-20 AWG stranded
44107	Klein-Kurve® heavy-duty utility knife – quick change retractable blade
46037	cable-splicer's kit
50211	120' Speedway® flat-steel fish tape – Grip-It® handle
58889	padded adjustable shoulder strap
60053	standard protective eyewear
J63050	Journeyman™ high-leverage cable cutter
85191	conduit-fitting and reaming screwdriver



80141

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

▲WARNING: Always wear approved eye protection.

▲WARNING: NOT insulated. Do NOT use these tools on or near live electrical circuits.

▲WARNING: Do NOT use screwdrivers to pry or chisel.

▲WARNING: Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

▲WARNING: When working with fish tape, always use safe work position to avoid loss of balance.

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



28-Piece Electrician Tool Set

● A great assortment of tools for the electrician.

Cat. No.	Set Contains	Weight (lbs.)
80028		17.2

Cat. No.	Description
D203-8	heavy-duty long-nose pliers – side-cutting
D213-9NETP	high-leverage side-cutting pliers – fish tape pulling
D248-8	high-leverage diagonal-cutting pliers – angled head
D502-10	10" pump pliers with 1-3/4" (44 mm) jaw capacity
506-10	10" adjustable wrench – standard capacity
600-4	1/4" keystone-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty square-shank
601-6	3/16" cabinet-tip cushion-grip screwdriver – 6" (152 mm) round-shank
602-6	5/16" keystone-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
603-4B	wire bending No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank
605-6	1/4" cabinet-tip screwdriver – 6" (152 mm) heavy-duty round-shank
631	7-piece cushion-grip nut driver set (3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2")
662	No. 2 square-recess tip cushion-grip screwdriver – 4" (102 mm) round-shank
670-6	3/16" cabinet-tip cushion-grip screwdriver – Rapi-Drive®
908-25	25' x 1" power-return rule – double-sided
930-9	magnetic torpedo level
1005	crimping/cutting tool – non-insulated and insulated connectors
5102-16	16" canvas tool bag
5139	canvas zipper bag
11045	wire stripper/cutter – 10-18 AWG solid wire
44100	utility knife – retractable blade
60056	frameless protective eyewear
85191	conduit-fitting and reaming screwdriver



80028

Tool Sets



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

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT use screwdrivers to pry or chisel.

▲WARNING: NOT insulated. Do NOT use these tools on or near live electrical circuits.

▲WARNING: Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

Tool Sets

18-Piece Journeyman Tool Set **JOURNEYMAN**

- Comfortable and durable tools for the professional.

Cat. No.	Set Contains	Weight (lbs.)
80118		11.6

Cat. No.	Description
J203-8N	Journeyman™ heavy-duty long-nose pliers – side-cutting & stripping
J502-10	10" Journeyman™ pump pliers with 1-3/4" (44 mm) jaw capacity
D507-10	10" adjustable wrench – extra capacity
603-3	No. 1 Phillips cushion-grip screwdriver – 3" (76 mm) round-shank
603-4B	wire bending No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank
605-4	1/4" cabinet-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty round-shank
605-6	1/4" cabinet-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank
630-1/4	1/4" cushion-grip nut driver – 3" (76 mm) shank
630-5/16	5/16" cushion-grip nut driver – 3" (76 mm) shank
662	No. 2 square-recess tip cushion-grip screwdriver – 4" (102 mm) round-shank
670-6	3/16" cabinet-tip cushion-grip screwdriver – Rapi-Drive®
916-25RE	25' x 1" power-return rule – magnetic tip
J2000-9NETP	Journeyman™ high-leverage side-cutting pliers – fish tape pulling
J2000-48	Journeyman™ high-leverage diagonal-cutting pliers – angled head
5165	10-pocket leather tool pouch
5705	Powerline™ web work belt
11055	Klein-Kurve® wire stripper/cutter – 10-18 AWG solid & 12-20 AWG stranded
60053	standard protective eyewear



80118



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

▲WARNING: The tool belt provided in this kit is NOT an occupational protective belt.

▲WARNING: NOT insulated. Do NOT use these tools on or near live electrical circuits.

▲WARNING: Do NOT use screwdrivers to pry or chisel.

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.

14-Piece Electrician Tool Set

● A great assortment of tools for the electrician.

Cat. No.	Set Contains	Weight (lbs.)
80014		9.6
Cat. No.	Description	
D203-8	heavy-duty long-nose pliers – side-cutting	
D213-9NETP	high-leverage side-cutting pliers – fish tape pulling	
D248-8	high-leverage diagonal-cutting pliers – angled head	
D502-10	10" pump pliers with 1-3/4" (44 mm) jaw capacity	
603-3	No. 1 Phillips cushion-grip screwdriver – 3" (76 mm) round-shank	
603-4B	wire bending No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank	
605-4	1/4" cabinet-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty round-shank	
605-6	1/4" cabinet-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank	
670-6	3/16" cabinet-tip cushion-grip screwdriver – Rapi-Drive®	
908-25	25' x 1" power-return rule – double-sided	
5164	8-pocket leather tool pouch	
5225	adjustable web tool belt	
11045	wire stripper/cutter – 10-18 AWG solid wire	
60056	frameless protective eyewear	



80014

Electrician's Tool Set

- Perfect kit for the professional or apprentice.
- 7-pocket **leather** tool pouch holds an assortment of 10 products.

Cat. No.	Set Contains	Weight (lbs.)
5300		6.82
Cat. No.	Description	
5166	7-pocket leather tool pouch	
5225	adjustable web belt	
603-3	No. 1 Phillips cushion-grip screwdriver – 3" (76 mm) round-shank	
603-4	No. 2 Phillips cushion-grip screwdriver – 4" (102 mm) round-shank	
605-4	1/4" cabinet-tip cushion-grip screwdriver – 4" (102 mm) heavy-duty round-shank	
605-6	1/4" cabinet-tip cushion-grip screwdriver – 6" (152 mm) heavy-duty round-shank	
11045	wire stripper/cutter – 10-18 AWG solid wire	
D248-8	high-leverage diagonal-cutting pliers – angled head	
D203-8	heavy-duty long-nose pliers – side-cutting	
D213-9NETP	high-leverage side-cutting pliers – fish tape pulling	
D502-10	pump pliers with 1-3/4" (44 mm) jaw capacity	
928-25HV	high-visibility power-return measuring tape	



5300

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

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT use screwdrivers to pry or chisel.

▲WARNING: Always wear approved eye protection.

▲WARNING: The tool belt provided in this kit is NOT an occupational protective belt.

▲WARNING: NOT insulated. Cushion Grip screwdriver handles and plastic-dipped or slip-on plastic handles are provided primarily for comfort. They are NOT intended for protection against electrical shock.

▲WARNING: NOT insulated. Do NOT use these tools on or near live electrical circuits.

▲WARNING: Do NOT open the tape measure case. Spring motor is under tension, and opening may cause injury.



TRUST

You've earned your customers' trust through years of dependability and performance on the job. Your customers count on you. And you need tools you can count on. You can trust in Klein for all of your hand tool needs.

Terry Malone
Electrician
3 Years

KLEIN TOOLS
For Professionals... Since 1857®

Chicago, IL U.S.A.
www.kleintools.com

Professionals Are Known By The Tools They Own™ © 2001 Klein Tools



Beverage Tool

- Suitable for users from the apprentice to the demanding professional.
- Cushion-Grip handle resists slippage and provides the comfort needed for frequent use.
- Bottle cap Tip-Ident[®], allows for quick identification in tool pouches or crowded drawers.
- Professionally designed and rigorously tested by an expert team to handle both foreign and domestic applications.
- High-quality stainless steel construction.

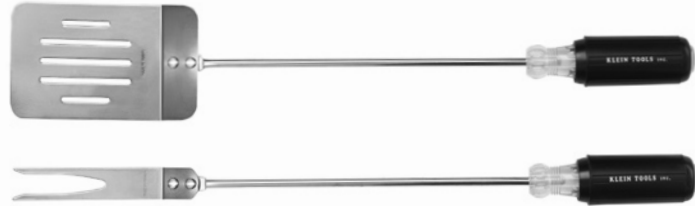


98002BT

Cat. No.	Weight (lbs.)
98002BT	.25

BBQ Tools

- Flip your food with the perfect BBQ accessory.
- The stainless steel construction provides rust resistance.
- Cushion-Grip handle resists slippage and provides the comfort needed for frequent use.
- The 17" (432 mm) length makes it ideal for flipping your burgers or hot dogs.
- A Tip-Ident[®] on the end of the handles allows for quick identification in crowded drawers.



98222

Cat. No.	Weight (lbs.)
98222	.80

Tool Stool

- Vinyl-covered cushion for comfort and long life.
- Padded seat rotates 360°.
- Attractive, durable chrome-finished legs.
- Stool is 30" (762 mm) tall.

Cat. No.	Weight (lbs.)
98820	16.80



98820

Canvas Apron

- Great for the jobsite, workshop or garage.
- Durable 100% cotton canvas.
- Large pocket is great for tools.
- A large neck-strap offers universal sizing; just knot to size.
- Great for the barbeque!

Cat. No.	Weight (lbs.)
98288	1.05



98288

▲WARNING: THIS PRODUCT IS NOT FLAME RESISTANT AND CAN BURN.

▲WARNING: FAILURE TO PAY ATTENTION TO THIS WARNING COULD LEAD TO SERIOUS BODILY INJURY.

▲WARNING: Users should be careful and always keep a minimum of three (3) feet between themselves and the cooking surface.



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68512	103	70591	116	79232	122
68513	103	71089	25	80014	259
68514	103	71090	25	80028	257
68515	103	71972	35	80118	258
68517	103	71974	36	80141	256
				85071	72
				85072	71
				85074	70
				85075	69
				85076	69
				85077	69
				85078	70
				85090	77
				85155	72
				85191	74, 134
				85276	79
				86550	211
				86551	211
				86552	211
				85664	71
				86553	211
				87900	164
				87902	164
				87904	164
				87906	164
				87918	164
				89004	90
				89904	92
				89954	122
				89969	90
				89976	251
				98002BT	261
				98222	261
				98288	261
				98820	261
				210122	84



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



FIG. 62. This universal C-clamp has a slot along its back end and a spring-loaded threaded post which passes through the slot. The post can be positioned anywhere along the slot where it will do the most good and then tightened in place. Note the way at the bottom which supports the post.

DO'S AND DON'TS WHEN USING CLAMPS

DO'S:

- Steer clamps by clamping them to work, not to drawers.
- Use pads with C-clamps to avoid marring the work.
- Discard any clamp that has a bent frame or a bent spindle.
- Do not use a wrench, pipe, hammer, or other tool to adjust the clamp; a wrench should be used to tighten the nut.

DON'TS:

- Avoid using extra large clamps just for the sake of their large throat; instead use drop-thread clamps.
- Never use a C-clamp for holding or for supporting a heavy load or for supporting a heavy workpiece.

Be careful not to confuse a Phillips screwdriver with other "vices power" screwdrivers. They are not interchangeable. See Page 41 for how they differ.

After all, you wouldn't want to drive a large No. 12 screw with a small 3/32-in. Phillips screwdriver and neither would you drive a Phillips screw or other unusual screw with a conventional screwdriver.

BASIC SAFETY RULES THAT APPLY TO THE USE OF A SCREWDRIVER

ARMY WEAR SAFETY GOGGLES TO PROTECT YOUR EYES

1. Make sure that the tip fits the size of the screw; set too loose and not too tight.
2. Do not use a screwdriver as a cold chisel or punch.
3. Do not use a screwdriver near live wires for any other tool, for that matter.
4. Do not expose a screwdriver to excessive heat.
5. Redress a worn tip with a file in order to regain a good straight edge.
6. Discard a screwdriver that has a worn or broken handle.
7. A screwdriver should never be used as a pry bar. If it is over-stressed in this manner, the shaft might break and send a particle of steel into the operator's eye or perhaps even into his eye.

Proper use and care of Hand Tools



FIG. 18. These ordinary C-clamps can be used to apply pressure for gluing up a mitered corner.

FIG. 19. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 20. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 21. Typical screwdrivers for working:

1. Typical screwdriver for working
2. Screwdriver with a square shaft in which a wrench can be applied to remove stubborn screws. Screwdriver for Phillips screws.
3. Cabinet screwdriver has a thin shaft to reach and drive screws in deep, counterbored holes.

FIG. 22. This type of clamp features a curved bar, so the movable part of the clamp is pushed up to the work and then the handle is turned to "real" tightening.

FIG. 23. To be big a clamp, and too small screws will have a struggle to fit. Heavily worn screws will have a struggle to fit. Heavily worn screws will have a struggle to fit.

FIG. 24. Careful Cal knows enough to use the right size clamp and to show screw wood under the clamps to avoid marring the surface of the work.

FIG. 25. To be big a clamp, and too small screws will have a struggle to fit. Heavily worn screws will have a struggle to fit. Heavily worn screws will have a struggle to fit.

FIG. 26. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 27. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 28. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 29. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 30. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 31. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 32. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 33. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 34. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 35. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 36. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 37. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 38. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 39. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 40. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

FIG. 41. Heavy-duty screwdrivers are available with square shafts to drive screws in tight places. The square shaft allows the screwdriver to drive more than one size of screw.

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