

# Telecom Tools

Telecom 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	Cat. No.	Bell-System Designation	Cat. No.	Bell-System Designation	Cat. No.
Type B Long-Nose	D301-6	Diagonal B V-Notch	D528V	C Pressing	D234-6
List 1 Long-Nose	71980	Diagonal D-6	72192	C Pressing	VDV026-049
Type B Short-Nose	D2291	8" B Sidecut	D213-8NE		
Diagonal B-5	D245-5	9" B Sidecut	D213-9NE		

### 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
D528V	5-13/16" (147.6 mm)	13/16" (20.6 mm)	9/16" (14.3 mm)	3/8" (9.5 mm)	Standard	Plastic-Dipped	Red	3.2 oz. (91 g)

### Diagonal Telephone Work Pliers - Type D-6 - "V" Notches

- Tapered nose for easy working in confined areas and close tip cutting
- Convenient 0.030" and 0.045" stripping holes
- "V" stripping notch in jaw for quick insulation slitting
- Serrated behind the hinge to crush insulation



72192

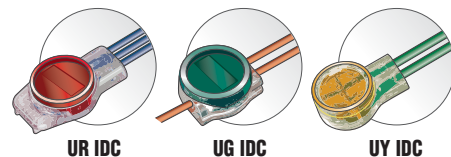
Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
72192	6-1/8" (155.6 mm)	13/16" (20.6 mm)	3/4" (19.1 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	5.3 oz. (150 g)

### Connector Crimping Pliers

- Crimps UR/UY/UG insulation displacement connectors (IDC) - Scotchlok® type connectors
- Curved handles for greater control
- Induction-hardened side-cutting knives for long life



D234-6



UR IDC

UG IDC

UY IDC

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D234-6	5-13/16" (147.6 mm)	1-3/32" (27.8 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	Plastic Dipped	Yellow	4.0 oz. (113 g)
D234-6C	5-13/16" (147.6 mm)	1-3/32" (27.8 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	Plastic Dipped	Yellow	4.0 oz. (113 g)

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

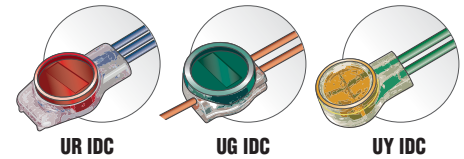


## Long-Nose Pliers - Connector Crimping

- Crimps UR/UY/UG insulation displacement connectors (IDC) - Scotchlok® type connectors
- Grooved jaws for wire wrapping, looping and twisting
- Cleanly strips 23 AWG and 24 AWG wire
- Hot-riveted joint ensures smooth action and no handle wobble
- Induction-hardened cutting surface for long life



VDV026-049



UR IDC

UG IDC

UY IDC

Scotchlok® is a registered trademark of 3M Corporation.

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Diameter	Handle Finish	Handle Color	Weight
VDV026-049	6-51/64" (172.6 mm)	2" (50.8 mm)	45/64" (17.9 mm)	3/8" (9.5 mm)	7/16" (11.1 mm)	0.095" x 0.125" (2.41 mm x 3.17 mm)	Plastic Dipped	Yellow	4.5 oz. (128 g)

## Long-Nose Telephone Work Pliers - Stripping

- Cleanly strips 22 (0.34 mm<sup>2</sup>) to 24 (0.25 mm<sup>2</sup>) AWG wire
- Convenient insulation crushing slot
- Curved handles provide greater tool control

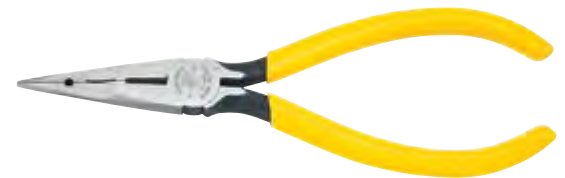


D2291

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Diameter	Handle Finish	Handle Color	Weight
D2291	6" (152.4 mm)	1-1/4" (31.8 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/16" x 3/32" (1.6 mm x 2.4 mm)	Plastic-Dipped	Yellow	4.0 oz. (113 g)

## Long-Nose Telephone Work Pliers - Type L1

- Knurled jaw tips for greater gripping power
- Induction-hardened side-cutting knives for long life
- Convenient 0.030" stripping hole
- Curved handles provide greater tool control

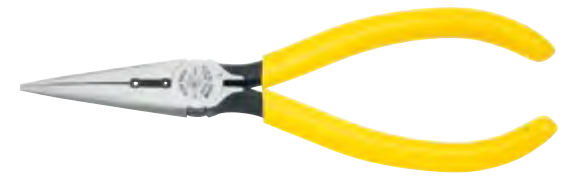


71980

Cat. No.	Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Diameter	Handle Finish	Handle Color	Weight
71980	L1	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	1/16" x 3/32" (1.6 mm x 2.4 mm)	Plastic-Dipped	Yellow	4.0 oz. (113 g)

## 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 Diameter	Handle Finish	Handle Color	Weight
D203-6H2	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.2 oz. (119 g)



### Can Wrench



68005

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

Cat. No.	Size	Length	Handle Diameter	Weight
68005	3/8" and 7/16" Hex Nut	7" (177.8 mm)	1" (25.4 mm)	5.6 oz. (159 g)

### Bell System Type Wrench



3146B

- End openings sized to NEMA hardware specifications
- Silver painted finish

Cat. No.	Size	Length	Weight
3146B	Large End: 1-1/16" (27.0 mm) and 1-3/16" (30.2 mm) Small End: 11/16" (17.5 mm) and 7/8" (22.2 mm)	13" (330.2 mm)	1.8 lbs. (0.82 kg)

## Steel Strand Wire Pulling Grips

### Bell System B, L, and H Chicago® Grips

- All are equipped with chain, toggle and shackle - keeps the grip from falling off of cable
- 1659-5AT is designed to pull 1/4" (6.35 mm) figure-8 telephone cable. Also has serpentine jaw

Cat. No.	Type	Cable Diameter	Jaw Length	Weight
<b>5,000 lbs. (2,268 kg) Maximum Safe Load</b>				
1659-5AT	"B" Strand Puller	0.20" to 0.37" (5.08 to 9.4 mm)	5" (127.0 mm)	6.7 lbs. (3.04 kg)
<b>8,000 lbs. (3,629 kg) Maximum Safe Load</b>				
1684-5AT	"L" Strand Puller	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.9 lbs. (3.13 kg)
1692-5AT	"L" Strand Puller	0.218" to 0.550" (5.54 to 13.97 mm)	5" (127.0 mm)	6.6 lbs. (2.99 kg)
<b>15,000 lbs. (6,803 kg) Maximum Safe Load</b>				
1628-16AT	"H" Strand Puller	0.31" to 0.62" (7.87 to 15.75 mm)	7-1/4" (184.2 mm)	15.8 lbs. (7.17 kg)

\*1692-5AT (larger clamping force than 1684-5AT)



1659-5AT

**⚠ 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.

