

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

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

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## **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.

For Professionals... Since 1857™



### Introduction - Pliers

### Klein Quality

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 and Journeyman™ 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.

### 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**

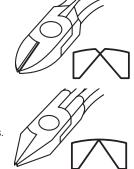
Knife-edge descriptions refer to the angle of the outside cutting edges of the knives when fully closed.

#### **Standard Cutting Edges**

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

#### **Full-Flush Cutting Edges**

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



#### **Semi-Flush Cutting Edges**

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





### **Introduction – Pliers**

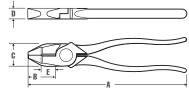
#### **Pliers Dimensions**

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.

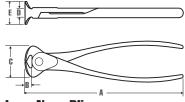
A - Overall Length B - Jaw Length C – Jaw Width

D - Jaw Thickness E - Knife Length F - Point Thickness

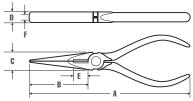
#### 1. Side-Cutting Pliers



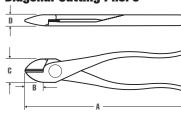
#### 3. End Cutting Pliers



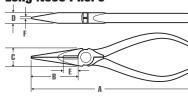
#### **Flat-Nose and Duck-Bill Pliers**



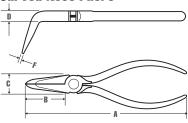
#### 2. Diagonal-Cutting Pliers



#### 4. Long-Nose Pliers



#### **Curved-Nose Pliers**



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

## FORGED STEEL from Klein's US-made,

proprietary blend

**Handform" handles** for full gripping and cutting power

## **Side-Cutting Pliers**

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



for on-the-job toughness

HEAVY-DUTY CUTTING

pliers available.

Cuts ACSR, screws, nails, and most hardened wire

**JOURNEYMAN** 

<sup>1</sup>Journeyman<sup>1M</sup> pliers available. State-of-the-art, dual-material handles provide a better grip without sacrificing tool strength or durability

See page 310 for additional information on warnings.





### **Side-Cutting Pliers**

### **High-Leverage Side-Cutting** Pliers - Heavy-Duty Cutting

#### 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 pliers designs
- Streamlined design
- Features combination polished and black-oxide finish
- Cat. No. D2000-9NEGLW feature glow in the dark grips to easily locate your tool in dark or low lit areas







D2000-9NE



Glow in the Dark Grips

D2000-9NEGLW

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D2000-7	New England	7-7/8" (200.0 mm)	1-9/32" (32.5 mm)	1-1/32" (26.2 mm)	1/2" (12.7 mm)	3/4" (19.1 mm)	Plastic-Dipped	Royal Blue	10.6 oz. (299 g)
D2000-8	New England	8-11/16" (220.7 mm)	1-7/16" (36.5 mm)	1-7/64" (28.2 mm)	5/8" (15.9 mm)	3/4" (19.1 mm)	Plastic-Dipped	Royal Blue	13.6 oz. (386 g)
D2000-9NE	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.1 lbs. (0.50 kg)
D20009NEGLW	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Glow	1.1 lbs. (0.50 kg)
HD2000-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Heavy-Duty, Oversized, Plastic-Dipped	Light Red	1.2 lbs. (0.54 kg)
Journeyman™	2000 Series	– Dual-material han	dles						
J20008	New England Tapered	8-13/16" (223.8 mm)	1-7/16" (36.5 mm)	1-7/64" (28.2 mm)	5/8" (15.9 mm)	3/4" (19.1 mm)	Journeyman	Light Blue/Black	14.9 oz. (422 g)
J2000-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)

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 pliers designs
- Streamlined design
- D213-9NETT has split tether ring for use with tether device



D213-9

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
213-9NE	New England	9-1/4" (235.0 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plain	_	1.1 lbs. (0.50 kg)
D213-9	Square	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
D213-8NE	New England	8-11/16" (220.7 mm)	1-7/16" (36.5 mm)	1-3/16" (30.2 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Plastic-Dipped	Dark Blue	14.4 oz. (408 g)
D213-9NE	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic Dipped	Dark Blue	1.1 lbs. (0.50 kg)
D213-9NETT <b>NEW!</b>	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic Dipped	Dark Blue	1.1 lbs. (0.50 kg)
HD213-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Heavy-Duty, Oversized, Plastic-Dipped	Light Red	1.2 lbs. (0.54 kg)
Journeyman™ Se	ries – Dual-n	naterial handles							
J2138NE	New England	8-13/16" (223.8 mm)	1-7/16" (36.5 mm)	1-3/16" (30.2 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Journeyman	Dark Blue/Black	15.5 oz. (439 g)
J213-9NE	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Dark Blue/Black	1.1 lbs. (0.50 kg)
Refer to the insula	ted section for	insulated pliers.	·						





### **Side-Cutting Pliers**

### **High-Leverage Side-Cutting Pliers - Fish Tape Pulling**

#### **Additional Features:**

- 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 pliers designs
- Streamlined design
- Cat. No. J2000-9NECRTP crimps non-insulated connectors, lugs, and terminals



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D213-9NETP	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
Journeyman™	Series – Dua	l-material handles							
J213-9NETP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Dark Blue/Black	1.1 lbs. (0.50 kg)
2000 Series*	– Heavy-duty	cutting knives							
D2000-9NETP	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.1 lbs. (0.50 kg)
Journeyman™	2000 Series	* – Dual-material h	andles						
J2000-9NETP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)
J2000-9NECRTP	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Blue/Black	1.1 lbs. (0.50 kg)

<sup>\*</sup>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 pliers designs
- Streamlined design



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D213-9NETH	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
HD213-9NETH	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Heavy-Duty, Oversized, Plastic-Dipped	Light Red	1.2 lbs. (0.54 kg)
2000 Series*	– Heavy-duty	cutting knives							
D2000-9NETH	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.2 lbs. (0.54 kg)

 $<sup>^{\</sup>star}$ 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 noninsulated connectors, lugs and terminals
- Cat. No. J213-9NECRN cleanly strips 10 and 12 solid AWG wire and 12 and 14 stranded wire
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Streamlined design



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
D213-9NE-CR	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Yellow	1.0 lbs. (0.45 kg)
Journeyman™	' Series – Dua	ıl-material handles							
J213-9NECR	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Yellow/Black	1.1 lbs. (0.50 kg)
J2139NECRN	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Yellow/Black	1.1 lbs. (0.50 kg)
2000 Series*	- Heavy-duty	cutting knives							
D2000-9NECR	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Royal Blue	1.1 lbs. (0.50 kg)
Journeyman™	4 2000 Series	* – Dual-material h	andles						
J2000-9NECR	New England	9-1/2" (241.3 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Journeyman	Light Blue/Black	1.1 lbs. (0.50 kg)
*Cute ACSR e	crowe naile ar	nd most hardened wir	e Features combination	n nolished and black	k-nyide finish Ref	er to the insulated s	action for incula	tad nligre	

See page 310 for additional information on warnings.





### **Side-Cutting Pliers**

### **Side-Cutting Pliers**

#### Additional Features:

Streamlined design



D201-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
Streamlined	Design								
D201-7NE	New England	7-7/16" (188.9 mm)	1-9/32" (32.5 mm)	1-1/16" (27.0 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plastic-Dipped	Dark Blue	8.8 oz. (249 g)
D201-8NE	New England	8-11/16" (220.7 mm)	1-7/16" (36.5 mm)	1-3/16" (30.2 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Plastic-Dipped	Dark Blue	14.7 oz. (417 g)
D201-9NE	New England	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)
<b>Square Nose</b>									
D201-8	Square	8-11/16" (220.7 mm)	1-7/16" (36.5 mm)	1-7/32" (31.0 mm)	5/8" (15.9 mm)	23/32" (18.3 mm)	Plastic-Dipped	Dark Blue	14.9 oz. (422 g)
D201-9	Square	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-5/16" (33.3 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic-Dipped	Dark Blue	1.1 lbs. (0.50 kg)

### **High-Leverage Universal Combination Pliers**

- 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 pliers designs
- 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
12098	Universal	8-5/8" (219.1 mm)	1-25/32" (45.2 mm)	1-1/32" (26.2 mm)	17/32" (13.5 mm)	3/4" (19.1 mm)	Plastic-Dipped	Dark Blue	11.5 oz. (327 g)
Journeyman	™ Series – Du	al-material handles							
J12098	Universal	8-3/4" (222.3 mm)	1-25/32" (45.2 mm)	1-1/32" (26.2 mm)	17/32" (13.5 mm)	3/4" (19.1 mm)	Journeyman	Dark Blue/Black	13.1 oz. (371 g)

Refer to the insulated section for insulated pliers.

### **Ironworker's Work Pliers**

#### **Additional Features:**

- Twists and cuts soft annealed rebar tie wire
- Cat. Nos. 213-9ST, D213-9ST and D20009ST feature high-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other pliers designs
- Hook bend handle
- Spring-loaded action for self-opening
- Cat. Nos. 213-9ST, D213-9ST and D2000-9ST feature heavy-duty knurled jaws
- D201-7CSTT and D213-9STT has split tether ring for use with tether device





Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight
201-7CST	Square	9-1/8" (231.8 mm)	1-9/32" (32.5 mm)	1-5/32" (29.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plain	_	10.4 oz. (295 g)
D201-7CST	Square	9-1/4" (235.0 mm)	1-9/32" (32.5 mm)	1-5/32" (29.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plastic	Blue	12.0 oz. (340 g)
D201-7CSTT <b>NEW</b>	Square	9" (228.6 mm)	1-1/2" (38.1 mm)	1-1/4" (31.8 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plastic	Blue	10.9 oz (308 g)
213-9ST	Square	9-1/4" (235.0 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plain	_	1.0 lbs. (0.45 kg)
D213-9ST	Square	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic	Blue	1.1 lbs. (0.50 kg)
D213-9STT <b>NEW!</b>	Square	9-3/8" (238.1 mm)	2" (50.8 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic	Blue	1.1 lbs. (0.50 kg)
2000 Series* - H	leavy-duty c	utting knives							
D2000-7CST	Square	9-1/4" (235.0 mm)	1-9/32" (32.5 mm)	1-5/32" (29.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	Plastic	Blue	11.2 oz. (318 g)
D2000-9ST	Square	9-3/8" (238.1 mm)	1-19/32" (40.5 mm)	1-1/4" (31.8 mm)	5/8" (15.9 mm)	25/32" (19.8 mm)	Plastic	Blue	1.1 lbs. (0.50 kg)
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\*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.









# FORGED STEEL from Klein's US-made,

proprietary blend

## **Diagonal-Cutting Pliers**

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



pliers available.

Cuts ACSR, screws, nails, and most hardened wire

**JOURNEYMAN** 

 $^{\dagger}$ Journeyman $^{\dagger M}$  pliers available. State-of-the-art, dual-material handles provide a better grip without sacrificing tool strength or durability



### **High-Leverage Diagonal-Cutting Pliers**

#### **Additional Features:**

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

• Cat. No. D2000-28GLW and D248-8GLW feature glow in the dark grips to easily locate your tool in dark or low lit areas

• D228-8TT has split tether ring for use with tether device



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D228-7	7-1/8" (181.0 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Red	8.6 oz. (244 g)
D228-8	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Red	9.6 oz. (272 g)
D228-8TT <b>NEW!</b>	8" (203.2 mm)	1" (25.4 mm)	1-1/4" (31.8 mm)	1/2" (12.7 mm)	Standard	Plastic Dipped	Red	10.9 oz. (309 g)
Journeyman™ S	eries – Dual-materia	l handles						
J228-8	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Red/Black	10.7 oz. (303 g)
2000 Series* - I	Heavy-duty cutting ki	nives						
D2000-28	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Royal Blue	9.6 oz. (272 g)
D200028GLW	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic Dipped	Glow	9.6 oz. (272 g)
Journeyman™20	000 Series* – Dual-m	naterial handles						
J2000-28	8-1/8" (206.4 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Journeyman	Light Blue/Black	10.7 oz. (303 g)
*Cuts ACSR, scre	ws, nails, and most ha	rdened wire. Features	combination polished	and black-oxide finish	n. Refer to the insula	ited section for insu	ılated pliers.	



### **Diagonal-Cutting Pliers**

### High-Leverage Diagonal-Cutting Pliers - Angled Head

#### **Additional Features:**

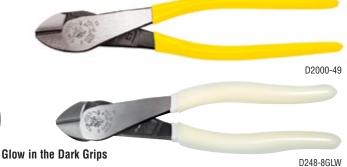
- Angled head design for easy work in confined spaces
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs

 Cat. No. D248-8GLW feature glow in the dark grips to easily locate your tool in dark or low lit areas



Angled Head Profile





NEW!

9.6 oz. (272 g) 9.6 oz. (272 g) 9.4 oz. (266 g)
( 0/
9.4 oz. (266 g)
9.8 oz. (278 g)
9.6 oz. (272 g)
10.3 oz. (292 g)
9.8 oz. (278 g)
9. 10

<sup>\*</sup>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 - Stripping Holes**

#### **Additional Features:**

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



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D243-8	8-1/16" (204.8 mm)	13/16" (20.6 mm)	1-3/16" (30.2 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	9.6 oz. (272 g)

### **High-Leverage Diagonal-Cutting Pliers - Ironworker's**

#### **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 pliers designs
- Cat. No. D248-9STT has split tether ring for use with tether device



#### Angled Head Profile





D248-9S11

 $\bigcirc \bigcirc$ 

<sup>\*\*</sup>Semi-flush cutting knives cut Cherry Burrel rivets. For use on non-ferrous wire only.



## **Diagonal-Cutting Pliers**

### **Heavy-Duty Diagonal-Cutting Pliers - Tapered Nose**

#### **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	<b>Cutting Knives</b>	Handle Finish	Handle Color	Weight		
D220-7	7-11/16" (195.3 mm)	1" (25.4 mm)	31/32" (24.6 mm)	1/2" (12.7 mm)	Standard	Plastic-Dipped	Red	8.6 oz. (244 g)		
D252-6	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	6.1 oz. (173 g)		
Bell System Type "W" Notches – Slit insulation cleanly										
D252-6SW	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)		

### Standard Diagonal-Cutting Pliers - Tapered Nose

#### **Additional Features:**

- Tapered nose for easy working in confined areas and close tip cutting
- Spring-loaded action for self-opening (Cat. No. D245-5C)



D245-5

D220-7

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D202-6	6-1/8" (155.6 mm)	13/16" (20.6 mm)	11/16" (17.5 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	4.6 oz. (130 g)
D202-6C	6-1/8" (155.6 mm)	13/16" (20.6 mm)	11/16" (17.5 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	5.0 oz. (142 g)
D245-5	5-1/16" (128.6 mm)	11/16" (17.5 mm)	9/16" (14.3 mm)	3/8" (9.5 mm)	Standard	Plastic-Dipped	Red	3.2 oz. (91 g)
D245-5C	5-1/16" (128.58 mm)	11/16" (17.46 mm)	9/16" (14.28 mm)	3/8" (9.52 mm)	Standard	Plastic-Dipped	Red	0.20 lbs. (0.09 kg)

### 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. Ov	verall Length ,	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D210-6C 6-	·1/8" (155.6 mm)	13/16" (20.6 mm)	11/16" (17.5 mm)	7/16" (11.1 mm)	Semi-Flush	Plastic-Dipped	Red	4.6 oz. (130 g)

### **Standard Diagonal-Cutting Pliers - Stripping Hole**

#### Additional Features:

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





D240-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D240-6	6-1/8" (155.6 mm)	13/16" (20.6 mm)	11/16" (17.5 mm)	7/16" (11.1 mm)	Standard	Plastic-Dipped	Red	4.8 oz. (136 g)





### **Diagonal-Cutting Electronics Pliers**

### **Midget Diagonal-Cutting Pliers**

#### Additional Features:

- Sharp pointed nose for precise tip cutting
- Tapered nose for easy working in confined areas and close tip cutting (Cat No. D295-4C, D257-4 & D257-4C)
- Spring loaded for self-opening action (Not available on Cat. No. D257-4)
- Narrow jaw and hinge for delicate work in tight areas (Cat. No. D259-4C & D2445C)
- Miniature jaw for close-quarter work with maximum visibility (Cat. No. D295-4C)



D257-40









D259-4C

Cat. No.	Nose Type	Jaw Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight
D209-4C	Pointed	Standard	4-1/4" (108.0 mm)	1/2" (12.7 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)
D209-5C	Pointed	Standard	5-1/16" (128.6 mm)	11/16" (17.5 mm)	9/16" (14.3 mm)	3/8" (9.5 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	3.0 oz. (85 g)
D244-5C	Pointed	Narrow	5-1/16" (128.6 mm)	11/16" (17.5 mm)	1/2" (12.7 mm)	5/16" (7.9 mm)	Flush	Plastic-Dipped	Royal Blue	2.9 oz. (82 g)
D257-4	Tapered	Standard	4-1/4" (108.0 mm)	1/2" (12.7 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	1.9 oz. (54 g)
D257-4C	Tapered	Standard	4-1/4" (108.0 mm)	1/2" (12.7 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	1.9 oz. (54 g)
D259-4C	Pointed	Extra Narrow	4-1/4" (108.0 mm)	1/2" (12.7 mm)	13/32" (10.3 mm)	1/4" (6.4 mm)	Flush	Plastic-Dipped	Royal Blue	1.9 oz. (54 g)
D295-4C	Tapered	Mini	4-1/4" (108.0 mm)	1/2" (12.7 mm)	3/8" (9.5 mm)	1/4" (6.4 mm)	Flush	Plastic-Dipped	Royal Blue	1.8 oz. (51 g)

### Midget Diagonal-Cutting Pliers - Nickel Ribbon Wire Cutters

#### Additional Features:

- Designed to cut nickel ribbon wire
- Nose tip is only 1/32" (0.8 mm) for precise work in confined areas
- Cutting knife tip 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
D230-4C	4-1/4" (108.0 mm)	1/2" (12.7 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	Semi-Flush	Plastic-Dipped	Royal Blue	1.9 oz. (54 g)

### **Lightweight Flush Cutter**

- 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

Cat. No.	Overall Length	Cutting Knives	Handle Finish	Handle Color	Weight
D275-5	5" (127.0 mm)	Flush	Plastic	Red	1.8 oz. (51 g)



D275-5









### **All-Purpose Pliers**

#### JOURNEYMAN

#### **Additional Features:**

- Cat. No. J206-8C strips 8-16 AWG solid and 10-18 AWG stranded wire
- Cat. No. J207-8CR strips 10-18 AWG solid and 12-20 AWG stranded wire and crimps non-insulated connectors, lugs and terminals
- Induction-hardened cutting knives for increased wire cutting performance, including hard wire
- Long nose for grabbing and looping wire
- 6-32 and 8-32 screw shearing



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
J206-8C	8-5/8" (219.1 mm)	2-3/16" (55.6 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	9.6 oz. (272 g)
J207-8CR	8-5/8" (219.1 mm)	2-3/16" (55.6 mm)	1" (25.4 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	9.6 oz. (272 g)



### **Long-Nose Pliers**

### **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 greater leverage

• Cat. No. D203-8GLW features glow in the dark grips to easily locate your tool in dark or low lit areas





Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
D203-8	8-7/16" (214.3 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Plastic-Dipped	Yellow	9.6 oz. (272 g)
D203-8-GLW	8-7/16" (214.3 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Plastic-Dipped	High-Visibility, Glow in. The Dark	9.6 oz. (272 g)
Journeyman	™ Series – Dual-ma	aterial handles							
J203-8	8-9/16" (217.5 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	10.1 oz. (286 g)
Wire Strippi	ng – Cleanly strips	12 AWG wire							
D203-8N	8-7/16" (214.3 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Plastic-Dipped	Yellow	9.4 oz. (266 g)
Journeyman	™ Series – Dual-ma	aterial handles							
J203-8N	8-9/16" (217.5 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Journeyman	Yellow/Black	10.2 oz. (289 g)
Wire Strippi	ng & Crimping – Cl	eanly strips 12 AW	G wire; crimps o	connectors, lugs &	terminals				
D203-8NCR	8-7/16" (214.3 mm)	2-5/16" (58.7 mm)	1" (25.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)	1/8" (3.2 mm)	Plastic-Dipped	Yellow	9.8 oz. (278 g)

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
- Spring-loaded action for self-opening (Cat. Nos. D203-6C, D203-7C)



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight
D203-6	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	4.3 oz. (122 g)
D203-6C	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	4.3 oz. (122 g)
D203-7	7-3/16" (182.6 mm)	2-7/16" (61.9 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.6 oz. (130 g)
D203-7C	7-3/16" (182.6 mm)	2-7/16" (61.9 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.6 oz. (130 g)
Journeymai	n™ Series – Dual-ma	aterial handles							
J203-6	6-3/4" (171.5 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)	Journeyman	Yellow/Black	4.8 oz. (136 g)
J203-7	7-5/16 (185.7 mm)	2-7/16" (61.9 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	3/32" (2.4 mm)	Journeyman	Yellow/Black	5.3 oz. (150 g)
Switchboar	d Work – Cleanly sti	rips 19 & 22 AWG w	/ire						
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)

Refer to the insulated section for insulated pliers.





### **Long-Nose Pliers**

### **Standard Long-Nose Pliers**

#### **Additional Features:**

- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control
- Spring-loaded action for self-opening (Cat. No. D301-6C)



D301-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D301-6	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.6 oz. (130 g)
D301-6C	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	Plastic-Dipped	Yellow	4.5 oz. (128 g)

### 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	Point Thickness	Handle Finish	Handle Color	Weight
D307-51/2C	5-5/8" (142.9 mm)	1-11/16" (42.9 mm)	1/2" (12.7 mm)	5/16" (7.9 mm)	1/32" (0.8 mm)	Plastic-Dipped	Yellow	2.4 oz. (68 g)
D327-51/2C	5-5/8" (142.9 mm)	1-11/16" (42.9 mm)	1/2" (12.7 mm)	5/16" (7.9 mm)	1/16" (1.59 mm)	Plastic-Dipped	Dark Blue	2.4 oz. (68 g)

### **Electronics Long-Nose Pliers**

### 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
- Spring-loaded action for self-opening



D322-4 1/2C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight		
D321-41/2C	4-13/16" (122.2 mm)	1-1/16" (27.0 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	1/32" x 1/16" (0.8 x 1.6 mm)	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)		
Smooth Insid	Smooth Inside Jaws – Radiused jaw edges help prevent nicking wire									
D322-41/2C	4-13/16" (122.2 mm)	1-1/16" (27.0 mm)	7/16" (11.1 mm)	1/4" (6.4 mm)	1/32" x 1/16" (0.8 x 1.6 mm)	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)		
D323-41/2C	4-13/16" (122 mm)	1-1/16" (27 mm)	7/16" (11 mm)	1/4" (6 mm)	1/8" x 1/16" (3mm x 2 mm)	Plastic-Dipped	Royal Blue	0.13 lbs. (0.058 kg)		

### **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
D310-6C	6-5/8" (168.3 mm)	1-7/8" (47.6 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	1/16" (1.59 mm)	Plastic-Dipped	Yellow	4.3 oz. (122 g)





### **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
D317-5C	5-1/16" (128.58 mm)	1-1/8" (28.57 mm)	1/2" (12.7 mm)	5/16" (7.93 mm)	1/16" (1.58 mm)	Plastic-Dipped	Yellow	0.14 lbs. (0.064 kg)

### 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
D318-51/2C	5-5/8" (142.9 mm)	1-11/16" (42.9 mm)	1/2" (12.7 mm)	5/16" (7.9 mm)	1/16" (1.59 mm)	Plastic-Dipped	Yellow	2.1 oz. (60 g)

### 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
D335-51/2C	5-5/8" (142.9 mm)	1-11/16" (42.9 mm)	15/32" (11.9 mm)	1/4" (6.4 mm)	1/16" (1.59 mm)	Plastic-Dipped	Roval Blue	2.1 oz. (60 a)

### **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
D302-6	6-3/8" (161.9 mm)	1-1/2" (38.1 mm)	11/16" (17.5 mm)	3/8" (9.5 mm)	3/32" (2.4 mm)	Plastic Dipped	Yellow	4.8 oz. (136 g)





### **Electronics Long-Nose Pliers**

### **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 1/20

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Point Thickness	Handle Finish	Handle Color	Weight
D320-41/2C	4-3/4" (120.7 mm)	1" (25.4 mm)	13/32" (10.3 mm)	1/4" (6.4 mm)	1/16" (1.59 mm)	Plastic-Dipped	Royal Blue	2.1 oz. (60 g)

### **Special Use Pliers**

### **Conduit Locknut and Reaming Pliers**

- 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 deburrs 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
D333-8	7-3/4" (196.9 mm)	1-5/8" (41.3 mm)	15/16" (23.8 mm)	1/2" (12.7 mm)	3/16" (4.8 mm)	Plastic-Dipped	Yellow	8.8 oz. (249 a)

### **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
D232-8	8-1/2" (215.9 mm)	3/8" (9.5 mm)	1-3/16" (30.2 mm)	19/32" (15.1 mm)	1-3/16" (30.2 mm)	Plastic-Dipped	Red	11.4 oz. (323 g)

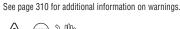
### **Plastic-Cutting Pliers**

- 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
D227-7C	7-11/16" (195.3 mm)	1" (25.4 mm)	31/32" (24.6 mm)	1/2" (12.7 mm)	Flush	Plastic-Dipped	Red	8.8 oz. (249 g)







### **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



D511-6

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Handle Finish	Handle Color	Weight
D511-6	6-9/16" (166.7 mm)	1-3/16" (30.2 mm)	1-3/16" (30.2 mm)	3/8" (9.5 mm)	Plastic-Dipped	Blue	6.2 oz. (176 g)
D511-8	8-1/16" (204.8 mm)	1-3/8" (34.9 mm)	1-1/4" (31.8 mm)	7/16" (11.1 mm)	Plastic-Dipped	Blue	9.9 oz. (281 g)
D511-10	9-7/8" (250.8 mm)	1-3/4" (44.5 mm)	1-3/8" (34.9 mm)	15/32" (11.9 mm)	Plastic-Dipped	Blue	13.3 oz. (377 g)

### 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
D514-8	8-1/16" (204.8 mm)	1-3/8" (34.9 mm)	1-1/4" (31.8 mm)	7/16" (11.1 mm)	Plastic-Dipped	Blue	9.8 oz. (278 g)

### **Pump Pliers**

### Klaw™ Pump Pliers

- Push button and quick ratchet feature allows for fast and easy adjustment to any position. (Cat. Nos. D504-10B, D504-12B)
- Compact, narrow design for easy work in small or hard to reach spaces
- Gripping surfaces with specially hardened teeth for reduced wear and positive gripping
- Extended grips for added comfort
- Quick-Adjust Pump Pliers: Push button feature allows for fast and easy adjustment to any position. Cat. Nos. D504-10B, D504-12B)



D504-10



Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight	
Quick-Adjust Klaw™ Pump Pliers						
D504-10B	10-1/8" (257.2 mm)	2-1/8" (54.0 mm)	Plastic-Dipped	Yellow	12.6 oz. (357 g)	
D504-12B	12-1/2" (317.5 mm)	2-3/4" (69.9 mm)	Plastic-Dipped	Yellow	1.2 lbs. (0.54 kg)	
Classic Klaw™ Pump Pliers						
D504-7	7-3/8" (187.3 mm)	1-3/8" (34.9 mm)	Plastic-Dipped	Yellow	5.4 oz. (153 g)	
D504-10	9-7/8" (250.8 mm)	2-1/8" (54.0 mm)	Plastic-Dipped	Yellow	13.0 oz. (369 g)	
D504-12	12" (304.8 mm)	2-3/4" (69.9 mm)	Plastic-Dipped	Yellow	1.4 lbs. (0.64 kg)	



### **Pump Pliers**

### **Pump Pliers**

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



D502-6

			Handle Color	Weight	
6-1/2" (165.1 mm)	7/8" (22.2 mm)	Plastic-Dipped	Yellow	6.6 oz. (187 g)	
10" (254.0 mm)	1-3/4" (44.5 mm)	Plastic-Dipped	Yellow	15.5 oz. (439 g)	
12-1/4" (311.2 mm)	2-3/8" (60.3 mm)	Plastic-Dipped	Yellow	1.4 lbs. (0.64 kg)	
16-1/4" (412.8 mm)	4-1/4" (108.0 mm)	Plastic-Dipped	Yellow	3.2 lbs. (1.45 kg)	
Journeyman™ Series - Dual-material handles					
10-1/4" (260.4 mm)	1-3/4" (44.5 mm)	Journeyman	Yellow/Black	1.0 lbs. (0.45 kg)	
	10" (254.0 mm) 12-1/4" (311.2 mm) 16-1/4" (412.8 mm) s – Dual-material handles	10" (254.0 mm) 1-3/4" (44.5 mm) 12-1/4" (311.2 mm) 2-3/8" (60.3 mm) 16-1/4" (412.8 mm) 4-1/4" (108.0 mm) <b>s – Dual-material handles</b>	10° (254.0 mm)       1-3/4° (44.5 mm)       Plastic-Dipped         12-1/4° (311.2 mm)       2-3/8° (60.3 mm)       Plastic-Dipped         16-1/4° (412.8 mm)       4-1/4° (108.0 mm)       Plastic-Dipped         s – Dual-material handles	10° (254.0 mm)       1-3/4° (44.5 mm)       Plastic-Dipped       Yellow         12-1/4° (311.2 mm)       2-3/8° (60.3 mm)       Plastic-Dipped       Yellow         16-1/4° (412.8 mm)       4-1/4° (108.0 mm)       Plastic-Dipped       Yellow         s – Dual-material handles	

### **Pliers Handles**

### Replacement Klein-Koat™ Pliers Handles

Plastic material for slip-resistant grip and comfort

Cat. No.	Size to Fit Pliers	Color	Weight
60	6" (152.4 mm) Long	Maroon	0.8 oz (23 g)
70	7" (177.8 mm) Long	Maroon	1.6 oz. (45 g)
89	8" to 9" (203.2 to 228.6 mm) Long	Maroon	1.6 oz. (45 g)





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### **Replacement Comfort-Grip Pliers Handles**

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

Cat. No.	Size to Fit Pliers	Color	Weight	
55	5" x 6-1/2" (127.0 x 165.1 mm)	Red	0.8 oz. (23 g)	



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See page 310 for additional information on warnings.