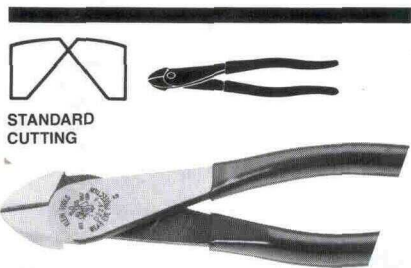
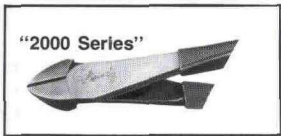
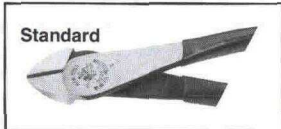




Diagonal-Cutting Pliers

Klein diagonal-cutting pliers come in two styles: Standard duty, which has long been recognized for their premium quality design and rugged, precision construction; and the innovative Klein "2000 SERIES" with super-tough cutting knives, specially designed and heat-treated to cut bolts, nails, ACSR, and most hardened wire without damage. All "2000 SERIES" have combination polished and black-oxide finish.



D228-8

High-Leverage Diagonal Cutters

High-leverage design provides a 36% greater mechanical cutting and gripping advantage than regular 7" and 8" heavy-duty diagonal cutters. Standard-bevel cutting knives. Plastic-dipped handles—hand-form style on No. D228-8, curved style on No. D228-7.

Cat. No.	A	B	C	D
D228-8	8 (203)	13/16 (21)	13/16 (30)	7/16 (11)

D228-7 Same as D228-8 except length is 7" (178 mm) with curved handles.

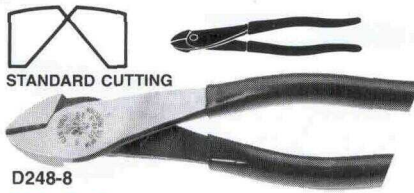
Klein 2000 Series

D2000-28 Same as D228-8 except with ultra-durable "2000 Series" cutting knives for ACSR, bolts, nails and most hardened wire. Plastic-dipped handles.

See catalog section on Insulated Tools for insulated pliers.

Key to Dimensions for Pliers
 A—Overall Length D—Jaw Thickness
 B—Jaw Length E—Knife Length
 C—Jaw Width F—Point Thickness

All dimensions are in inches and (millimeters).



STANDARD CUTTING

D248-8

High-Leverage, Diagonal Cutters with Angled Head

High-leverage, heavy-duty with head angled for easier work in confined areas. Standard-bevel cutting knives. Plastic-dipped handles.

Cat. No.	A	B	C	D
D248-8	8 (203)	13/16 (21)	13/16 (30)	7/16 (11)

D238-8 Same as D248-8, but with semi-flush cutting knives for Cherry Burrell rivets. Not for hard wire. For use on non-ferrous wire only.

Klein 2000 Series

D2000-48 Same as D248-8 except with ultra-durable "2000 Series" cutting knives for ACSR, bolts, nails and most hardened wire. Plastic-dipped handles.



STANDARD CUTTING

High-Leverage, Diagonal Cutters with Skinning Holes

High-leverage, heavy-duty with two skinning holes for 12 and 14-gauge wire. Standard-bevel cutting knives. Plastic-dipped handles.

Cat. No.	A	B	C	D
D243-8	8 (203)	13/16 (21)	13/16 (30)	7/16 (11)

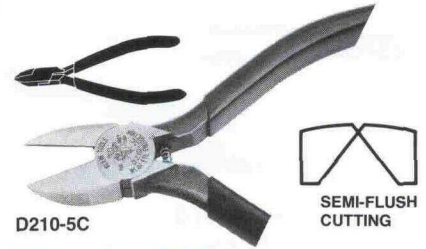


STANDARD CUTTING

Heavy-Duty Diagonal Cutters with Tapered Nose

Tapered nose and standard-bevel cutting knives. One-inch jaws reach into confined spaces. Plastic-dipped handles.

Cat. No.	A	B	C	D
D220-7	7 11/16 (195)	1 (25)	3 1/32 (25)	1/2 (13)



D210-5C

SEMI-FLUSH CUTTING

Standard-Nose Diagonal Cutters

Semi-flush cut. For plastic trimming or printed circuit board work. With coil spring. Plastic-dipped handles.

Cat. No.	A	B	C	D
D210-5C	5 1/2 (140)	13/16 (21)	1 1/16 (17)	7/16 (11)
D210-6C	6 1/16 (154)	13/16 (21)	1 1/16 (17)	7/16 (11)



STANDARD CUTTING

D202-6

Standard Diagonal Cutters with Tapered Nose

Tapered nose and standard-bevel cutting knives. Available with or without coil spring. Plastic-dipped handles.

Cat. No.	A	B	C	D
D202-5	5 1/2 (140)	13/16 (21)	1 1/16 (17)	7/16 (11)
D202-5C	With coil spring.			
D202-6	6 1/16 (154)	13/16 (21)	1 1/16 (17)	7/16 (11)
D202-6C	With coil spring.			



STANDARD CUTTING

Heavy-Duty Diagonal Cutters with Tapered Nose

Heavier design for all-purpose use. Tapered nose and standard-bevel cutting knives. Plastic-dipped handles.

Cat. No.	A	B	C	D
D252-6	6 (152)	13/16 (21)	3/4 (19)	7/16 (11)



Introduction



Quality... since 1857.

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. Klein specializes in the making of the world's finest pliers... pliers that professionals can trust completely... with good reason.

All Klein pliers are made of the finest steel alloy. They are drop-forged, hardened, and carefully tempered to assure maximum strength, problem-free performance, and exceptional durability.

All mating surfaces and design dimensions are precision machined to extremely close tolerances for faultless performance. Pliers halves are matched side to side, jaw to jaw, 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. The knives meet first where the most cutting is done. Side cutters and long nose pliers with side cutters have knives that meet at the hinge first and meet at least one-half of the knife length. Klein diagonal cutters meet at the tip and meet at least one-half of the knife length. These two knife-closing designs are also intended to increase knife life and facilitate sharpening.

Klein pliers are comfortable to use with contoured handles which are sized and shaped for efficient use. Virtually all pliers are available with plastic-dipped handles for better gripping and added comfort.

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

Klein offers a complete line of pliers and cutters which includes:

- Side-Cutting Pliers
- Diagonal-Cutting Pliers
- Long-Nose Pliers
- Duck-Bill Pliers
- Electronics Pliers
- Clean-Room Electronics Pliers
- Special-Purpose Pliers
- Pump Pliers
- Pocket Tool Kits
- Slip-Joint Pliers
- Locking Pliers
- Wire-Stripping, Crimping & Cutting Pliers
- Cable Cutters
- Bolt Cutters

If you don't find the type or size of Klein pliers to meet your specific requirements, contact us to discuss your needs. We make many special pliers for a variety of applications.

The right pliers for every job.

Each type of pliers does its own particular job better than any other type. And Klein makes so many kinds of pliers because there are so many kinds of jobs to be done. Choosing the right pliers helps you do the job at hand more efficiently.

The professional takes his job—and his tools—seriously. He will equip himself with every kind of pliers he needs because he knows this small investment will pay off continuously in saved time and professional results.

Using pliers.

The professional knows all the rules about using pliers. He has heard them or read them or learned them through experience. A review of the following reminders, however, may help you recall any you may have forgotten, and thus, will have been more than worthwhile.

1. **Never use pliers to do another tool's job.** Pliers should not be used as a hammer or a pry tool or a wrench. Using pliers instead of the proper tools risks damaging the pliers, 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. To each it's own.
3. **Never expose pliers to excessive heat.** Direct flame on metal can draw the temper and 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. It's easy to forget to wear them. It's a big bother to put them on for "just one cut." Excuses do not make any sense. They're not the professional's way... the safe 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 somebody 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.**