

# KNIPEX® Cutting Pliers

## Diagonal Cutters

### Features

- Induction-hardened precision cutting edges
- Cutting edge hardness approximately 62 HRC
- Clean cutting of thin copper wires
- Narrow head style for use in confined areas
- Vanadium electric steel; oil-hardened and tempered



▲1,000 V  **7008180SBA**

Cutting Pliers								
Part Number	Description	Wire Cutting Capacity Ø			Overall Length	Weight	Pcs/Pkg	Price
		Soft	Med/Hard	Hard				
<b>7008180SBA</b>	Diagonal cutter, VDE tested, insulated to 1,000V with multi-component comfort grip	0.16 in [4.0 mm]	0.12 in [3.0 mm]	0.10 in [2.5 mm]	7.09 in [180 mm]	9.24 oz [262 g]	1	

Inch dimensions are rounded to the nearest hundredth. HRC refers to Rockwell C Scale.

## Electronics Cutters

### Features

- Induction-hardened cutting edges
- Low friction double spring for gentle and even opening
- High grade special tool steel, oil-hardened and tempered



**6212120**



**7512125**

Cutting Pliers									
Part Number	Description	Wire Cutting Capacity Ø				Overall Length	Weight	Pcs/Pkg	Price
		Soft	Med/Hard	Hard	Piano				
<b>6212120</b>	Electronics oblique cutting nipper with multi-component comfort grip, 15° angled face, opening spring	0.01-0.04 in [0.3-1.0 mm]	0.03 in [0.7 mm]	N/A	N/A	4.72 in [120 mm]	3.28 oz [93 g]	1	
<b>7512125</b>	Electronics diagonal cutter with plastic-coated handles, 16 AWG	0.01-0.05 in [0.2-1.3 mm]	0.04 in [1.0 mm]	0.02 in [0.6 mm]	0.02 in [0.4 mm]	4.92 in [125 mm]	2.82 oz [80 g]	1	

Inch dimensions are rounded to the nearest hundredth.

# KNIPEX® Cutting Pliers

## High Leverage Cutters

### Features

- Precision cutting edges for soft, hard, and piano wire
- Exceptional cutting performance with minimum effort because of effective lever action design
- Induction-hardened cutting edges to 64 HRC
- Chrome vanadium heavy-duty steel, oil-hardened and tempered

Cutting Pliers									
Part Number	Description	Wire Cutting Capacity Ø				Overall Length	Weight	Pcs/Pkg	Price
		Soft	Med/Hard	Hard	Piano				
7408250SBA	High leverage diagonal cutter, VDE tested, insulated to 1,000V with multi-component comfort grip	N/A	0.18 in [4.6 mm]	0.14 in [3.5 mm]	0.12 in [3.0 mm]	9.84 in [250 mm]	11.71 oz [332 g]	1	
7422200SBA	High leverage 12° angled diagonal cutter with multi-component comfort grip	N/A	0.17 in [4.2 mm]	0.12 in [3.0 mm]	0.10 in [2.5 mm]	7.87 in [200 mm]	10.58 oz [300 g]	1	

Inch dimensions are rounded to the nearest hundredth. HRC refers to Rockwell C Scale.



⚠1,000 V  7408250SBA



7422200SBA



Wire Classes			
Wire Type	Examples	Tensile Strength	
		lb/in <sup>2</sup>	N/mm <sup>2</sup>
Soft wire	Copper, plastics	31,908	220
Medium-hard	Nail, wire pin	108,778	750
Hard	Wire rope strand, steel wire	261,067	1800
Piano wire	Spring steel wire	333,586	2300



# KNIPEX® Cable Shears and Cutters

## Cable Shears

### Features

- Designed for cutting copper wire, aluminum single- and multiple stranded cables
- Precision ground, hardened blades
- Not suitable for steel wire or hard drawn copper conductors
- Clean and smooth cut without crushing or deformation
- Adjustable screw joint, self-locking
- Special tool steel; oil-hardened and tempered



9511200SBA



9512200SBA

Cable Shears							
Part Number	Description	Cutting Capacity		Length	Weight	Pcs/Pkg	Price
		Solid	Stranded				
9511200SBA	Cable shears with twin cutting edge, non-slip plastic-coated handles	0.79 in [20 mm]	2/0 AWG [70 mm <sup>2</sup> ]	7.87 in [200 mm]	9.98 oz [283 g]	1	
9512200SBA	Cable shears with twin cutting edge, multi-component comfort grip handles	0.79 in [20 mm]	2/0 AWG [70 mm <sup>2</sup> ]	7.87 in [200 mm]	11.43 oz [324 g]	1	

Inch dimensions are rounded to the nearest hundredth.



Initial cut: using the front cutting edge to cut the insulating sheath on larger cable diameters leaves an ergonomic handle opening width.



Final cut: where greater force is required (cutting conductors), the conductor can be placed into the cutting-edge profile at the joint again. Front for initial cut - back for final cut.



Large cutting capacity



Ratchet principle and two-stage ratchet drive for easier cutting

Wire Classes			
Wire Type	Examples	Tensile Strength	
		lb/in <sup>2</sup>	N/mm <sup>2</sup>
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Medium-hard	Nail, wire pin	108,778	750
Hard	Wire rope strand, steel wire	261,067	1800
Piano wire	Spring steel wire	333,586	2300

# KNIPEX® Pliers Sets and Accessories

## KNIPEX® Pliers Sets and Accessories

Pliers Sets and Accessories				
Part Number	Description	Weight	Pcs/ Pkg	Price
001101	Twin universal control cabinet key. Two 4-way wheel wrenches connected in a space-saving way with magnets. Includes lock profiles: square (5-6, 7-8, 9-10, 11mm), triangular (7, 8-9, 10-11, 12mm), double-bit (3-5mm), half-moon (6mm), stepped square (6-9mm), reversing bit (slot 1x7mm, cross-recess PH2). Die-cast zinc material.	0.31 lb [140 g]	1	



001101