

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



7202125



7001110 / 7001180



7002160



▲1,000 V

7008180SBA

Cutting Pliers									
Part Number	Description	Wire Cutting Capacity Ø				Overall Length	Weight	Pcs/Pkg	Price
		Soft	Med/Hard	Hard					
7202125	Diagonal cutter for plastics with multi-component comfort grip handles and opening spring	Plastics			N/A	4.92 in [125 mm]	3.84 oz [109 g]	1	
7001110	Diagonal cutter with plastic-coated handles	0.12 in [3.0 mm]	0.08 in [2.0 mm]	0.05 in [1.2 mm]	4.33 in [110 mm]	2.82 oz [80 g]	1		
7001180	Diagonal cutter with plastic-coated handles	0.16 in [4.0 mm]	0.12 in [3.0 mm]	0.10 in [2.5 mm]	7.09 in [180 mm]	7.05 oz [200 g]	1		
7002160	Diagonal cutter with multi-component comfort grip	0.16 in [4.0 mm]	0.11 in [2.8 mm]	0.08 in [2.0 mm]	6.30 in [160 mm]	7.27 oz [206 g]	1		
7008180SBA	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				
6212120	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	
7512125	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	
7702115	Electronics diagonal cutter with multi-component comfort grip and opening spring, electrostatic discharge	0.01-0.06 in [0.3-1.6 mm]	0.05 in [1.2 mm]	0.02 in [0.6 mm]	N/A	4.53 in [115 mm]	2.82 oz [80 g]	1	
7732115ESD	Electronics diagonal cutters with electrostatic discharge protection.	0.01-0.05 in [0.3-1.3 mm]	0.04 in [1.0 mm]	0.02 in [0.5 mm]	N/A	4.53 in [115 mm]	2.79 oz [79 g]	1	
7803125	Electronics Super Knips® precision cutters with multi-component comfort grip and opening spring	0.01-0.06 in [0.2-1.6 mm]	0.04 in [1.0 mm]	N/A	N/A	4.92 in [125 mm]	1.98 oz [56 g]	1	

Inch dimensions are rounded to the nearest hundredth.



7732115ESD



7702115



7803125

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



7102200SBA



7122200SBA



7401140



7401160SBA

Cutting Pliers									
Part Number	Description	Wire Cutting Capacity Ø				Overall Length	Weight	Pcs/Pkg	Price
		Soft	Med/Hard	Hard	Piano				
7102200SBA	High leverage compact Cobolt® cutter with multi-component comfort grip	0.24 in [6.0 mm]	0.20 in [5.2 mm]	0.16 in [4.0 mm]	0.14 in [3.6 mm]	7.87 in [200 mm]	12.87 oz [365 g]	1	
7122200SBA	High leverage compact Cobolt® 20° angled cutter with multi-component comfort grip	0.24 in [6.0 mm]	0.20 in [5.2 mm]	0.16 in [4.0 mm]	0.14 in [3.6 mm]	7.87 in [200 mm]	13.23 oz [375 g]	1	
7401140	High leverage diagonal cutter with plastic-coated handles	N/A	0.12 in [3.1 mm]	0.08 in [2.0 mm]	0.06 in [1.5 mm]	5.51 in [140 mm]	4.62 oz [131 g]	1	
7401160SBA	High leverage diagonal cutter with plastic-coated handles	N/A	0.13 in [3.4 mm]	0.10 in [2.5 mm]	0.08 in [2.0 mm]	6.29 in [160 mm]	6.24 oz [177 g]	1	
7401200SBA	High leverage diagonal cutter with plastic-coated handles	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]	9.28 oz [263 g]	1	
7401250SBA	High leverage diagonal cutter with plastic-coated handles	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]	13.76 oz [390 g]	1	
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	
7421200SBA	High leverage 12° angled diagonal cutter with plastic-coated handles	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]	9.10 oz [258 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.



7401200SBA



7401250SBA



7421200SBA

▲1,000 V ⚡



7408250SBA



7422200SBA



Wire Classes			
Wire Type	Examples	Tensile Strength	
		lb/in ²	N/mm ²
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



Cable Shears							
Part Number	Description	Cutting Capacity		Length	Weight	Pcs/Pkg	Price
		Solid	Stranded				
9511165SBA	Cable shears with plastic-coated handles	0.59 in [15 mm]	1/0 AWG [50 mm ²]	6.50 in [165 mm]	7.58 oz [215 g]	1	
9511200SBA	Cable shears with twin cutting edge, non-slip plastic-coated handles	0.79 in [20 mm]	2/0 AWG [70 mm ²]	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 ²]	7.87 in [200 mm]	11.43 oz [324 g]	1	
9522165	Cable shears with multi-component comfort grip and opening spring	0.59 in [15 mm]	1/0 AWG [50 mm ²]	6.50 in [165 mm]	8.96 oz [254 g]	1	
9531250SBA	Cable cutter with ratchet action, two-speed tooth gear drive, fixed sleeve with stand for placing tool when cutting, multi-component comfort grip	1.26 in [32 mm]	MCM 500 [240 mm ²]	9.84 in [250 mm]	23.85 oz [676 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 ²	N/mm ²
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® Pliers Sets and Accessories

KNIPEX® Pliers Sets and Accessories

Pliers Sets and Accessories				
Part Number	Description	Weight	Pcs/Pkg	Price
002005US	Set of 3 high-leverage diagonal cutters: 6¼" diagonal cutter (p/n 7401160SBA), 10" diagonal cutter (p/n 7401250SBA), and 8" angled diagonal cutter (p/n 7421200SBA)	2.15 lb [975 g]	3	
002006US1	Set of 3 Cobra® pliers, non-slip, plastic-coated handles, push-button adjustment, thin jaw profile, self-gripping; 7" (p/n 8701180SBA), 10" (p/n 8701250SBA), and 12" (p/n 8701300SBA) lengths.	2.6 lb [1179 g]	3	
002006US2	Set of 3 Pliers Wrenches, push-button adjustment, box joint, self-ratcheting, non-slip plastic-coated handles, chrome vanadium steel; 7" (p/n 8603180SBA), 10" (p/n 8603250SBA), 12" (p/n 8603300SBA) lengths	2.34 lb [1061 g]	3	
002007US1	Set of 3 Alligator® pliers, chrome vanadium steel, self-gripping, thin jaw profile, non-slip plastic-coated handles; 7" (p/n 8801180SBA), 10" (p/n 8801250SBA), and 12" (p/n 8801300SBA) lengths	2.15 lb [975 g]	3	
002072V01	2-Piece mini pliers set in practical belt pouch. Includes (1) 6" Wrench Pliers (p/n 8603150SBA and (1) 5" (p/n 8701125SBA) mini Cobra® pliers	0.77 lb [349 g]	2	
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	



002005US



002006US1



002006US2



002007US1



002072V01



001101