



The KNIPEX Wire Preparation Line

Cable and Wire Cutters | Strippers | Crimpers

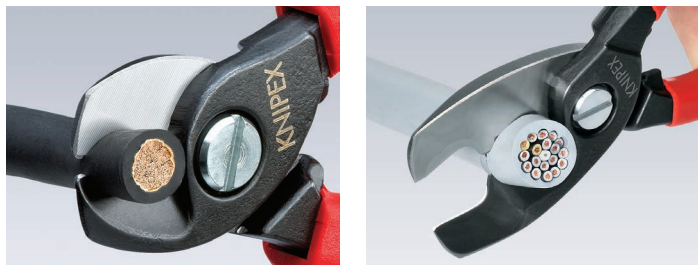
Cable and Wire Cutters

Cable Shears

- > for cutting copper and aluminum cables with single and multiple wire
- > precision ground, hardened blades
- > creates a clean and smooth cut without crushing or deforming
- > with pinch guard
- > available with single or double jaw for two step cut



KNIPEX No.	Length	Style	Cutting Capacity Ø Inch	AWG	Handle Style
95 11 165	6 1/2"	Single Jaw	19/32	1/0	Plastic Dipped
95 11 165 SBA	6 1/2"	Single Jaw	19/32	1/0	Plastic Dipped
95 11 200	8"	Double Jaw	51/64	2/0	Plastic Dipped
95 11 200 SBA	8"	Double Jaw	51/64	2/0	Plastic Dipped



Wire Rope Cutters

- > induction-hardened cutting edges cut stranded steel or aluminum cable up to 1/4"
- > special blade geometry prevents the wire rope from fanning out
- > includes a crimper for end ferrules
- > features high-leverage design and an opening spring and locking lever



KNIPEX No.	Length	Cutting Capacity Ø Inch	Handle Style
95 61 190	7 1/2"	1/4	Plastic Dipped
95 61 190 SBA	7 1/2"	1/4	Plastic Dipped



Ratcheting Action Cable Shears

- > for cable diameters up to 1 1/2"; handles can be positioned at an angle to set the optimum handle width, which makes the shear also suitable for work in confined areas
- > comfortable work thanks to ratchet action and low weight
- > heavy-duty telescopic handles are extendable up to 30" for maximum leverage and retractable down to 22" for minimized space



KNIPEX No.	Length	Style	Cutting Capacity Ø Inch	Handle Style
95 32 038*	22"	Ratcheting-Action	1 1/2	Comfort Grip

*max cutting capacity 550 MCM for copper and aluminum cables

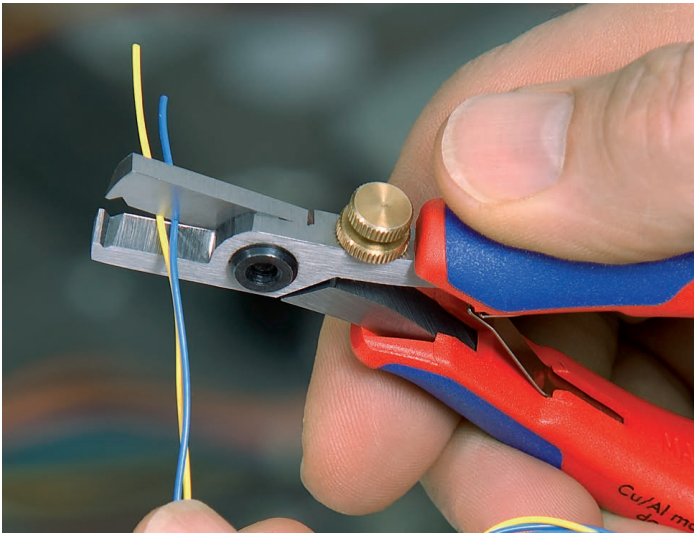
Strippers

Insulation Strippers

- > for single, multiple and fine-stranded conductors with plastic or rubber insulation with diameters up to 13/64" (8 AWG)
- > easy adjustment to the required diameter of solid or stranded wire with knurled screw and locknut

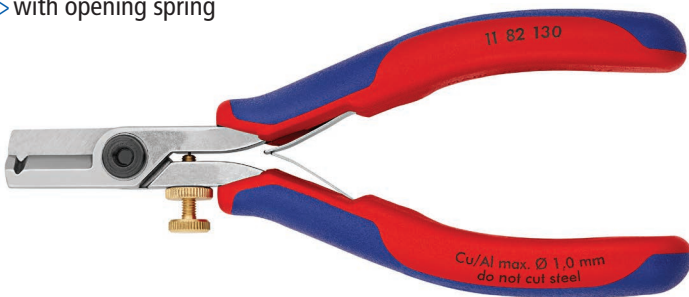


KNIPEX No.	Length	Cutting Capacity		Handle Style
		Ø Inch	AWG	
11 01 160	6 1/4"	13/64	8	Plastic Dipped



Electronics Wire Stripping Shears

- > for cutting and stripping single, multiple and fine-stranded conductors with diameters up to 3/64" (18 – 32 AWG)
- > easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut
- > with opening spring



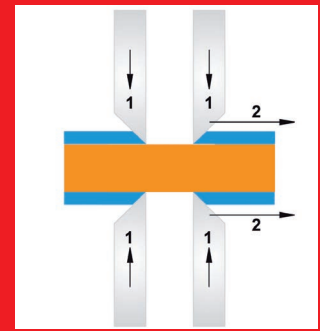
KNIPEX No.	Length	Cutting Capacity		Handle Style
		Ø Inch	AWG	
11 82 130	5"	up to 3/64	18 – 32	Comfort Grip

Precision Insulation Strippers (with adapted blades)

- > form-fit stripping of both standard and difficult-to-remove insulating materials such as PTFE, silicone, Radox®, Kapton® and rubber including multi-layer insulations
- > dual blades; second pair of blades holds the remaining insulation reliably in place
- > blades are shaped precisely to the respective conductor diameter
- > an adjustable length stop is perfect for use when cutting the same stripping lengths during repetitive work

Precisely and Reliably

Two pairs of blades (1) cut the insulation to a complete extent. Then the blade pairs move apart, and thus the insulation is removed form-fit (2). The pliers open automatically after the stripping procedure.



KNIPEX No.	Length	Stripping Capacities AWG	Handle Style
12 12 13	7 1/2"	10 / 12 / 14 / 16 / 18 / 20	Comfort Grip
12 12 14	7 1/2"	16 / 18 / 20 / 22 / 24 / 26	Comfort Grip
12 19 13	1 set of spare blades for 12 12 13		
12 19 14	1 set of spare blades for 12 12 14		

Radox® is a registered trademark of HUBER+SUHNER
Kapton is a registered trademark of E. I. du Pont de Nemours and Company.



Self-Adjusting Insulation Strippers

- > for single, multiple and fine-stranded conductors with standard plastic or rubber insulation, especially useful with THHN coated wire
- > adjusts automatically to the respective cable diameter; prevents damage to the conductor
- > adjust blade separation for different insulation thickness and coatings
- > cutting depth can be adjusted with length stop
- > with wire cutter for copper and aluminum wires (multi-stranded up to 8 AWG, single-stranded up to 10 AWG)

KNIPEX No.	Length	Stripping Capacities AWG	Length Stop Ø Inch
12 40 200	8"	8 – 32	1/8 – 23/32
12 49 01	1 pair of spare blades for 12 40 200		
12 49 02	1 pair of spare clamping jaws for 12 40 200		
12 49 03	Spare length stop for 12 40 200		



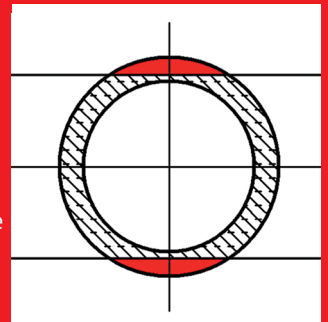
KNIPEX MultiStrip® 10

- > automatic adjustment to single, multiple and fine-stranded conductors with standard PVC insulation
- > no manual adjustment required, adjusts automatically to the respective cable diameter AND insulation thickness; no damage to the conductors
- > steel clamping jaws with integrated cutting edges hold the cable and prevent slipping
- > with wire cutter for copper and aluminum wires (multi-stranded up to 8 AWG, single-stranded up to 10 AWG)

KNIPEX No.	Length	Stripping Capacities AWG
12 42 195	7 1/2"	8 – 32
12 49 21	Spare blades block for 12 42 195	
12 49 23	Spare length stop for 12 42 195	

Straight Blade

Models 12 40 200 and 12 42 195
An incision is made in the red area only for a fast and easy removal of the insulation without damaging the wire beneath. Both models adjust automatically to the wire diameter. Model 12 42 195 ALSO adjusts automatically to the thickness of the insulation.



Automatic Insulation Stripper

- > for single, multiple and fine-stranded cables of 10 – 24 AWG with standard PVC and THHN insulation
- > adapts automatically to respective cable diameter preventing damage to the conductor
- > narrow head style for use in confined areas
- > with wire cutter for copper and aluminum wires up to 14 AWG



KNIPEX No.	Length	Stripping Capacities AWG
12 62 180	7 1/4"	10 – 24
12 69 21	1 pair of spare blades for 12 62 180	
12 69 23	Spare length stop for 12 62 180	

Crimpers






KNIPEX MultiCrimp®

- > five tools in one - crimping pliers with changeable crimping die magazine for the most common crimping applications
- > crimping dies changed quickly and easily without any additional tool
- > pictograms markings on crimping dies for simple recognition of dies stored within magazine
- > same reliable crimping results as with fixed crimping dies; high crimping quality due to precision dies and integral lock (self-releasing mechanism)



Compact, inexpensive and light-weight crimping pliers for fitting and repairs. Easy changing of crimping dies in three steps:

1. Open the service lever between the handles for perfect jaw position needed for exchange
2. Press jaws into chosen die; press back silver button to unlock magazine and release pliers with crimping die
3. Fold in service lever and squeeze handles - pliers are ready for use



KNIPEX No.	Length	Applications	Capacity		Handle Style
			mm ²	AWG	
97 33 02	10"	 Non-Insulated Open Spade Connectors	.5 – 1	10 – 20	Comfort Grip
			1.5 – 2.5		
			4 – 6		
		 Insulated Terminals, Plug and Butt Connectors	.5 – 1	10 – 20	
			1.5 – 2.5		
			4 – 6		
		 Insulated and Non-Insulated Ferrules	.25 – .75	10 – 24	
			1 – 1.5		
			2.5		
			4		
		 Insulated and Non-Insulated Ferrules	10 / 16 / 25	4 / 6 / 8	
			6		
		 Non-Insulated Terminals and Butt Connectors	.5 – 1	8 – 20	
			1.5 – 2.5		
			4 – 6		
			10		



KNIPEX PreciForce®

- > repetitive, high crimping quality due to precision dies and integral lock (self-releasing mechanism)
- > crimping pressure has been set precisely (calibrated) in the factory
- > high transmission of force thanks to lever action for fatigue-reduced work
- > good handling thanks to favorable handle position, lightweight, compact design and ergonomically shaped handles



KNIPEX No.	Length	Applications	Capacity		Handle Style
			mm ²	AWG	
97 52 34	8 3/4"	 Non-Insulated Open Spade Connectors	0.1 – 0.25 0.5 – 1.0 1.5 – 2.5	14 – 26	Comfort Grip
97 52 36	8 3/4"	 Insulated Terminals, Plug and Butt Connectors	.5 – 1 1.5 – 2.5 4 – 6	10 – 20	Comfort Grip

Know Your Terminals

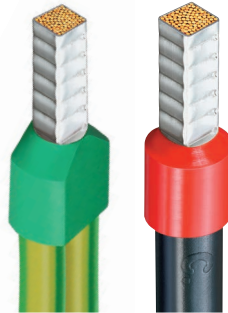
Ring Terminal		Ferrule	
Insulated Ring Terminal		Twin Ferrule	
Butt Splice Connector		Non-Insulated Ferrule	
Insulated Butt Splice Connector		Lug Connector	
Female Open Spade Connector		Insulated Female Spade Connector	

Self-Adjusting Crimping Pliers for Ferrules (side-loading)

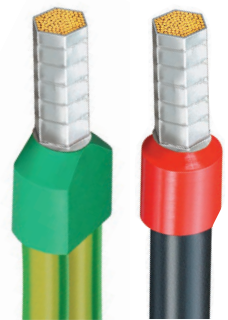
- > side-loading, self-adjusting crimper for ferrules of various diameters: no wrong crimps caused by using the wrong die
- > repetitive, high crimping quality due to integral lock (self-releasing mechanism)
- > crimping pressure has been set precisely (calibrated) in the factory
- > optimum transmission of force thanks to toggle lever for fatigue-reduced operation
- > available with square or hexagonal compression
- > 97 53 04 crimping capacity can be switched from 10 mm² (8 AWG) to 16 mm² (6 AWG)





Compact crimping pliers that automatically adjust to the ferrule used - no matter the size. This allows the specialist to work with less strain and enables secure, reliable and quick crimping every time. Choice of square compression for optimum contact in connection or hex compression for optimum positioning in confined areas.



Square Compression



Hex Compression

KNIPEX No.	Length	Crimp Style	Applications	Capacity		Handle Style
				mm ²	AWG	
97 53 04	7 1/4"	Square	 Insulated and Non-Insulated Ferrules	.08 – 10 / 16	28 – 8 / 6	Comfort Grip
97 53 14	7 1/4"	Hex	 Insulated and Non-Insulated Ferrules	.08 – 10	28 – 8	Comfort Grip

Self-Adjusting Crimping Pliers for Ferrules (front-loading)

- > front-loading, self-adjusting crimper for ferrules of various diameters: no wrong crimps caused by using the wrong die
- > repetitive, high crimping quality due to integral lock (self-releasing mechanism)
- > crimping pressure has been set precisely (calibrated) in the factory
- > optimum transmission of force thanks to toggle lever for fatigue-reduced operation
- > available with square compression
- > 97 53 08 can additionally side load ferrules up to 2.5 mm² (14 AWG)
- > 97 53 09 crimping capacity can be switched from 10 mm² (8 AWG) to 16 mm² (6 AWG)



KNIPEX No.	Length	Crimp Style	Applications	Capacity		Handle Style
				mm ²	AWG	
97 53 08	7 1/2"	Square	Insulated and Non-Insulated Ferrules	.08 – 10	28 – 8	Comfort Grip
97 53 09	7 1/2"	Square	Insulated and Non-Insulated Ferrules	.08 – 10 / 16	28 – 8 / 6	Comfort Grip

Crimping Pliers for Ferrules

- > for crimping ferrules from .25 mm² (24 AWG) to 16 mm² (6 AWG)
- > easy crimping due to optimized transmission
- > crimping in 9 marked half-round dies for reliable connections between the ferrule and the conductor



KNIPEX No.	Length	Style	Applications	Capacity		Handle Style
				mm ²	AWG	
97 71 180	7 1/4"	U-Shape	Insulated and Non-Insulated Ferrules	.25 – 16	24 – 6	Plastic Dipped

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