

# NEW PRODUCTS 2022



KNIPEX Quality – Made in Germany



# NEW PRODUCTS 2022

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Maximum cutting capacity 10 mm<sup>2</sup>, maximum stripping capacity of 10 mm<sup>2</sup> and crimping capacity of up to 4 mm<sup>2</sup> / 2 x 2.5 mm<sup>2</sup>

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Hexagonal crimp for wire ferrules up to 16 mm<sup>2</sup> and 2 x 10 mm<sup>2</sup>

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More information, photos and videos of the new products for 2022 can be found on the Internet at [www.knipex.com](http://www.knipex.com) or on our social media channels.



► KNIPEX NexStrip®



► Crimping Pliers



► KNIPEX DP50



► KNIPEX TubiX® XL



KNIPEX NexStrip® – Multi-Tool for Electricians

# 3-in-1 combination: Cutting, Stripping & Crimping!

For electrical installation application



The fine adjustment feature allows reliable stripping in all operating conditions like extreme temperatures or special insulating material.



# KNIPEX NexStrip®

From July 2022

## Multi-Tool for Electricians

Wire stripper with three functions: stripping wire up to 10 mm<sup>2</sup>, crimping capacity of 4 mm<sup>2</sup> or 2 x 2.5 mm<sup>2</sup> and cutting capacity of 10 mm<sup>2</sup>

- ▶ Precise stripping: automatically adapts to the respective cable diameter and ensures consistent stripping lengths with the adjustable length stop especially with repetitive work
  - ▶ Perfect crimping: fast and even square crimping for individual wire ferrules, the ratchet crimping mechanism guarantees the required crimping pressure
  - ▶ Multi-component grips ensure non-slip, comfortable handling
- > Quick, precise square crimp of single wire ferrules according to DIN 46228 parts 1+4, self-adjusts for sizes 0.25–4 mm<sup>2</sup> / 2 x 2.5 mm<sup>2</sup> – allows for quick crimping between different sizes
  - > Repetitive, high crimping quality due to ratcheting mechanism with a complete crimping cycle
  - > Stripping with fine adjustment – for optimal adjustment to special materials or temperature conditions for flexible and solid conductors between 0.03 and 10 mm<sup>2</sup> (AWG 32–8)
  - > Cleanly cuts conductors up to 10 mm<sup>2</sup> (AWG 8)
  - > High-quality housing made of glass fibre reinforced plastic
  - > For the electrical trade: for domestic installations and wiring of electrical devices, such as PLC (programmable logic controller)



With cable cutter for conductors up to 10 mm<sup>2</sup>.



Automatic stripping up to 10 mm<sup>2</sup>.



Square crimping die for wire ferrules of 0.25–4 mm<sup>2</sup>.



The ratchet crimping mechanism ensures the correct crimping pressure.



Article no.	EAN	↔ mm	Handles	Application	Capacity mm <sup>2</sup>	AWG	⚖ g	
12 72 190	N 088165	190	non-slip	Cutting	Cutting up to 10	8	170	
				Stripping	Stripping from 0.03 to 10	32 – 8		
				Square compression	Crimping of single wire ferrules from 0.25 to 4 Crimping of twin wire ferrules 2 x 2,5			
12 49 21	N 057581		Spare blades block for 12 72 190				8	
12 49 23	N 057604		Spare length stop for 12 72 190					46

# NEW: Now capable of crimping twin wire ferrules up to 2 x 10 mm<sup>2</sup>

## Automatic Crimping Pliers for Wire Ferrules

PATENTED

Now with greater crimping capacity: easy crimping of wire ferrules up to 16 mm<sup>2</sup> or twin wire ferrules up to 2 x 10 mm<sup>2</sup>

- ▶ Hexagonal crimp layout for near round form, particularly suitable for confined connections
- ▶ Automatic self-adjustment to wire ferrules with ratcheting mechanism ensuring a complete crimping cycle for consistent, reliable and fast crimping
- > Reliable hexagonal crimping of wire ferrules from 0.08 to 16 mm<sup>2</sup> (AWG 6) by simply turning and setting the adjusting wheel and all twin wire ferrules up to 2 x 10 mm<sup>2</sup> (AWG 2 x 8)
- > Automatic adaptation via self-adjustment to the wire ferrule size for precise and quick crimping
- > Crimping pressure calibrated in the factory for precise crimping
- > Optimum transmission of force due to toggle lever for fatigue-reduced operation
- > Ergonomic and comfortable handle, smooth operation and lightweight
- > Crimping of wire ferrules according to DIN 46228 parts 1+4

Enormous capacity: crimps single wire ferrules up to 16 mm<sup>2</sup> or twin wire ferrules up to 2 x 10 mm<sup>2</sup>



Suitable for fine conductors: crimps fine conductors from 0.08 mm<sup>2</sup>.



Also suitable for twin wire ferrules: capacity up to 2 x 10 mm<sup>2</sup>



Article no.	EAN	↔ mm	Handles	Application	Capacity mm <sup>2</sup>	AWG	⚖ g
97 53 14	041474	180	with multi-component grips	Hexagonal crimp	Wire ferrules 0.08 – 16 Twin wire ferrules 2 x 10	Wire ferrules 6 Twin wire ferrules 2 x 8	416
97 53 14 SB	048497	180	with multi-component grips	Hexagonal crimp	Wire ferrules 0.08 – 16 Twin wire ferrules 2 x 10	Wire ferrules 6 Twin wire ferrules 2 x 8	416

Automatic Crimping Pliers for Wire Ferrules

# Next level crimping

Self-adjusting for single wire ferrules up to 16 mm<sup>2</sup>  
and twin wire ferrules up to 2 x 10 mm<sup>2</sup>



The crimping pliers can be adjusted to large wire ferrules of 16 mm<sup>2</sup> or 2 x 10 mm<sup>2</sup> with the adjusting wheel.

KNIPEX DP50 – Pipe Cutter

# In a single operation: Cut – chamfer – done!

Quickly cut and chamfer plastic pipes up to Ø 50 mm



Scan the code for the  
instruction manual

Squeeze the blue lever to posi-  
tion the blade against the pipe.

# KNIPEX DP50

## Pipe Cutter for plastic drain pipes

**One tool, two functions, three diameters: cut common domestic plastic wastewater pipes quickly and easily**

- ▶ Cut and chamfer all common domestic plastic drain pipes up to Ø 50 mm in a single operation
- ▶ Reversible high-quality ball-bearing steel blade, can be easily replaced without tools
- ▶ Clean cut: no readjusting or deburring required, reducing potential blockages or damages of the seals
- > Cuts high temperature and other plastic pipes with Ø 32, 40 or 50 mm and wall thicknesses up to 2.4 mm
- > Optimal cutting due to slide-bearing and self-adjusting guide rolls
- > Easy positioning due to clear view of cutting point
- > Spring-loaded blade: no inconvenient readjusting while cutting
- > Exchangeable blade with two cutting edges can be reversed when showing signs of wear
- > Cuts lengths as small as 10 mm
- > Durable housing made of glass fibre reinforced plastic



Three diameters with one tool: the pipe diameter can be preset with the metal adjuster.



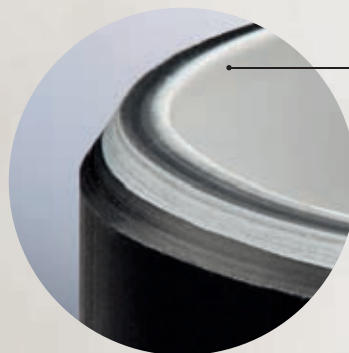
Segments as short as 10 mm can be cut. The spiral chip comes from chamfering.



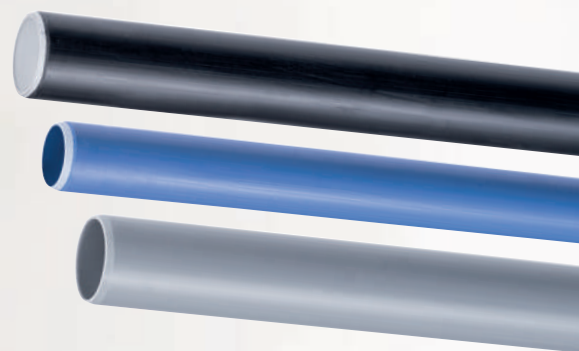
When worn, the blade can be reversed or replaced without the need for tools.



Once in place, the spring-loaded blade exerts enough pressure for the cut – no readjustment necessary!



In a single operation the blade cuts the pipe and forms the chamfer for a proper connection.



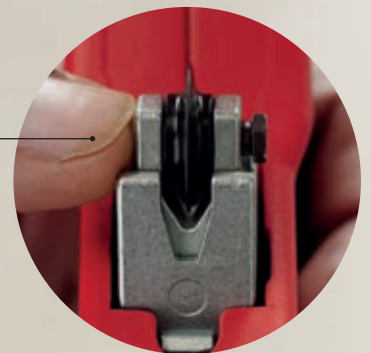
Article no.	EAN 4003773-	↔ mm	∅ mm	⚖ g
<b>90 23 01 BK</b>	<b>N</b> 087809	202	32 / 40 / 50	294
<b>90 23 01 E01</b>	<b>N</b> 088103	Double-sided spare blade for 90 23 01		6
<b>90 23 01 E02</b>	<b>N</b> 088110	Spare locking pin for blade for 90 23 01		3

KNIPEX TubiX® XL – Pipe Cutter

# The perfect cut for larger pipes with QuickLock mechanism

Quickly and precisely cuts large diameters of metal pipes between  $\varnothing$  6 and 76 mm (1/4" – 3")

High-quality needle-bearings in the guide rollers and the cutting wheel reduce the friction for easier cutting.



The cutting wheel is easily replaced without any tools.

# KNIPEX TubiX® XL

## Pipe Cutter

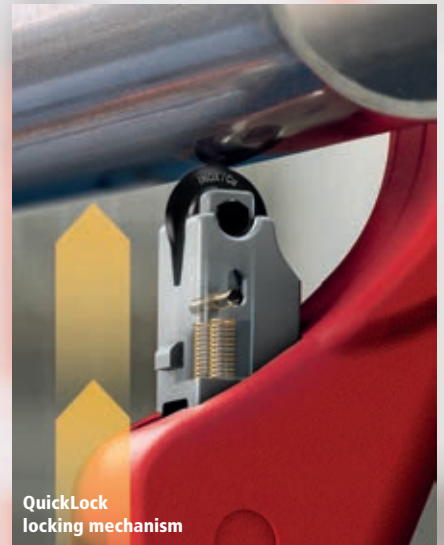
**Significantly easier pipe cutting due to the combination of the QuickLock mechanism and guide rollers with needle-bearings**

- ▶ Spring-loaded QuickLock mechanism holds the tool on the pipe once locked in place
- ▶ Precise and quick: exact positioning of the cutting wheel on the pipe
- ▶ High-quality needle-bearings enable the cutting wheel and four guide rollers to cut with ease

- > Cuts pipes from Ø 6 – 76 mm (1/4" – 3") and a wall thickness up to 2 mm
- > Cutting wheel made of high-grade ball-bearing steel
- > Quick replacement of the cutting wheel without any tools needed – spare cutting wheel stored in the handle
- > Lightweight and durable aluminium housing
- > Removable, precision-ground deburring tool
- > For plumbing, heating and air conditioning: easily cut gas and water pipes made of copper, brass and stainless steel
- > For the electrical trade: cuts rigid steel conduits and for stripping steel wire armoured cables



For cutting copper, brass and stainless steel pipes with a wall thickness up to 2 mm and diameters from 6 to 76 mm (1/4" – 3").



**QuickLock locking mechanism**

The spring-loaded cutting wheel keeps the KNIPEX TubiX® XL in place and prevents slipping.



In one easy step, the KNIPEX TubiX® XL can be positioned quickly and precisely on all pipes with a diameter between 6 and 76 mm.



The precisely ground deburring tool can be taken out of the tool when needed.



A spare cutting wheel is stored in the blue handle for quick replacement.

Information on the smaller KNIPEX TubiX® for pipes up to 35 mm: [www.knipex.com/tubix](http://www.knipex.com/tubix)

Article no.	EAN 4003773-	↔ mm	Ø mm	Ø Inch	⚖ g
<b>90 31 03 BK</b> <span style="color: red;">N</span>	088127	ca. 256	6 – 76	1/4 – 3	950
<b>90 31 03 E01</b> <span style="color: red;">N</span>	088134	Deburring tool for KNIPEX TubiX® XL 90 31 03			7
<b>90 39 02 V01</b>	085874	Cutting wheel for stainless steel and copper for KNIPEX TubiX® 90 31 02 and KNIPEX TubiX® XL 90 31 03			8
<b>90 39 02 V03</b>	086307	5 x Cutting wheel for stainless steel and copper for KNIPEX TubiX® 90 31 02 and KNIPEX TubiX® XL 90 31 03			25

# Crimping Pliers for RJ45 Western plugs

From June 2022

**Professional network crimping tool: cutting, stripping, crimping – crimps unshielded and shielded 8-pole modular plugs**

- ▶ All-in-one tool for cable cutting, stripping of round cable and crimping of common RJ45 plugs
- ▶ Reliably crimps shielded and unshielded RJ45 Western plugs (8P8C)
- ▶ With adjustable retaining bracket, for all common RJ45 plugs with closed and non-closed housings
- > Exact crimping process due to parallel crimp and self-releasing mechanism
- > Dual crimping points for equal and balanced crimping pressure
- > Quick cutting and stripping of CAT-cables with the high-quality blade
- > With ergonomic multi-component handles
- > For current and future Western connection technology in the network / Ethernet area and Western modular plugs with 8P8C pin assignment



For shielded and unshielded Western plugs!



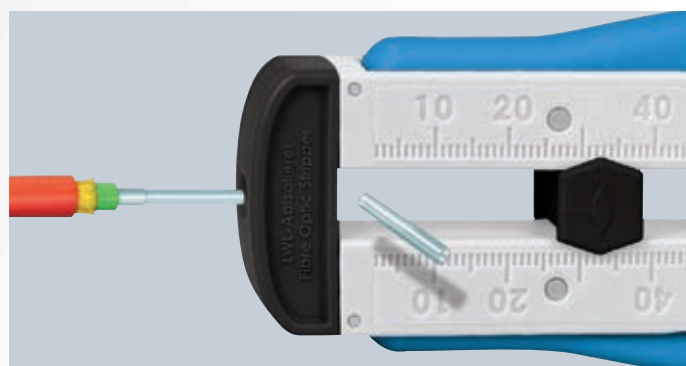
Article no.	EAN	↔ mm		Handles	Capacity	⚖ g
97 51 13 <b>N</b>	4003773-087908	190		with multi-component grips	Western plugs, 8-poles	345
97 59 12	069997	1 spare blade for 97 51 13				

# Stripping tool for fibre optics cable

- > To remove primary coating of fibre optics with  $\varnothing$  0.125 mm
- > Blade  $\varnothing$  0.16 mm, hole for cable feed  $\varnothing$  0.35 mm
- > Adjustable length stop for 5 – 45 mm



Replaces article 12 85 100



Article no.	EAN	↔ mm	Stripping capacities $\varnothing$ mm	⚖ g
12 85 110 SB <b>N</b>	4003773-287872	110	0.125	70

# Angled Electricians' Shears

From June 2022

Universal shears with straight hand positioning for improved ergonomics

- ▶ Precision-ground blades with fine serrations for a clean, non-slip cut
- ▶ Adapted to the hand: angled blades and optimised handle design for improved ergonomics
- > Two crimping areas for wire ferrules of 0.5 – 6 mm<sup>2</sup> and 10 – 25 mm<sup>2</sup>
- > Includes opening spring and lock for easy storage
- > Tether attachment point can be used with KNIPEX Tethered Tools System
- > Cutting edges made from stainless steel, hardness of cutting edges 56 HRC



With fine serration for precise cutting ...



and two crimping areas for standard wire ferrules sizes.



Practical belt pouch available separately.

Article no.	EAN	↔ mm	Head	Handles	⚖ g
<b>95 05 20 SB</b>	082699	160	polished	with mult-component grips, glass fibre reinforced	190
<b>00 19 75 LE</b>	088158	Multi-purpose belt pouch			70

# Protective jaws

3 pairs of smooth plastic protective jaws for the KNIPEX Cobra® 87 XX 180/250/300, updated models

































































- ▶ Ideal for protecting round workpieces from marring or scratching
- > The protective jaws prevent damage by covering all of the teeth on the tool
- > Easily and reliably fitted to the gripping jaws and firmly holds in place
- > Smooth gripping surfaces (no teeth)
- > Set consists of 3 pairs of plastic protective jaws



You can identify the updated models i.a. by the curved adjustment area.

Article no.	EAN	Description	⚖ g
<b>87 09 180 V01</b>	088066	3 pairs of plastic jaws for all 87 XX 180 mm models (models from 2010)	37
<b>87 09 250 V01</b>	088073	3 pairs of plastic jaws for all 87 XX 250 mm models (models from 2007)	40
<b>87 09 300 V01</b>	088080	3 pairs of plastic jaws for all 87 XX 300 mm models (models from 2008)	58

# Index

	Packing unit		Hexagonal crimp		Retaining ring, diagonal
<b>SB / BK</b>	Carded pliers with euro holes		Square crimp		Grip ring
<b>ESD</b> 	Electrostatic discharging, dissipative		Tyco crimp		Flat jaws
<b>1000 V</b>	Insulated according to IEC 60900, usable up to 1000 V AC/1500 V DC		Western crimp		Flat and pointed jaws
	VDE tested, also in compliance with GPSG (Equipment and Product Safety Act)		Trapezoidal crimp front		Half-round jaws
	Cu- + Al-multi-conductor cable, solid and multi-stranded		Hexagon		Round jaws
	Wire rope		Hexagonal screw		Angle
	Ribbon cable		Slotted screw		Smooth gripping surfaces
	Steel wire armoured cable (SWA)		Cross recessed screw		Smooth-serrated gripping surfaces
	ACSR cable		PlusMinus cross recessed screw		Knurled gripping surfaces
	Soft wire		Pozidriv cross recessed screw		Cross-hatched, knurled gripping surfaces
	Medium hard wire		Torx		Centre cutter
	Hard wire		With driving square 3/8"		Cutting edges with bevel
	Piano wire		With driving square 1/2"		Cutting edges with small bevel
	Square crimp automatic		Internal square 3/8"		Cutting edges with very small bevel
	Hexagonal crimp automatic		Internal square 1/2"		Cutting edges without bevel
	Four mandrel crimp		Hexagonal socket		For flush cut of soft materials
	Mandrel crimp		12-point		Mechanically tested in accordance with the Equipment and Product Safety Act
	Trapezoid crimp		With opening spring		Conforms to a European directive
	Oval crimp		With lead catcher		WEEE marking (Waste Electrical and Electronic Equipment Directive)
	F-crimp		Internal circlip		
	Trapezoid indent crimp		External circlip		
	W-crimp		Retaining ring, straight		



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