

# NEW PRODUCTS

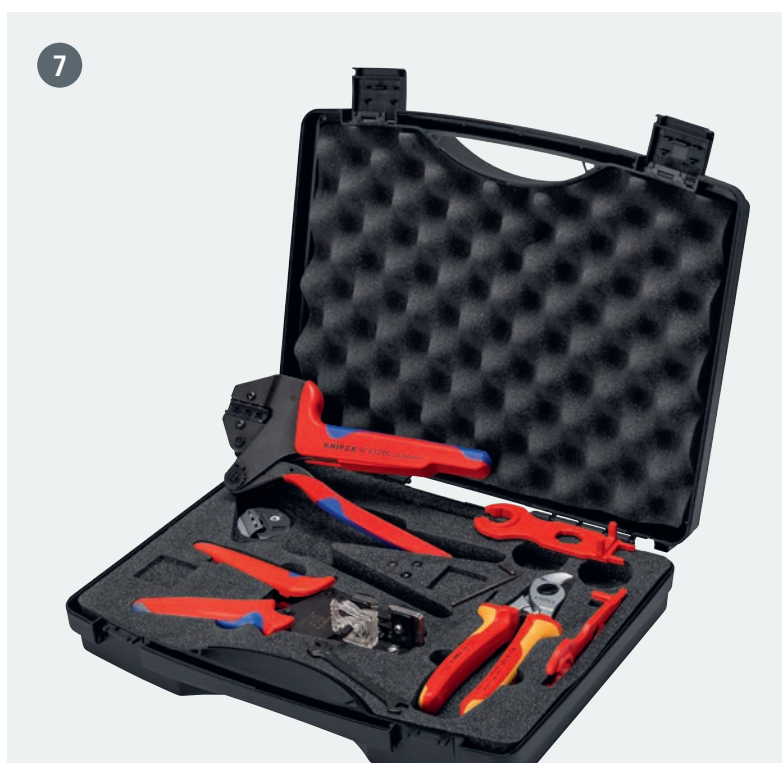


KNIPEX Quality – Made in Germany

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You can find more information, pictures and videos about the new 2024 products at [www.knipex.com](http://www.knipex.com) or on our social media channels.



4



5



8



2



3



6



# FORM FOLLOWS FUNCTION

Our new three component  
comfort handles



**NEW**



**KNIPEXTEND** .....

The new KNIPEX comfort handles

# Evolution of ergonomics

Starting this year, KNIPEX is switching from pliers with multi-component handles to the new comfort handles. This is where good things get better: A third component optimises the haptic properties and handling of our tools.\*



● Grey: soft component with special surface structure for more grip and control

● Blue: soft component for a secure and comfortable grip

● Red: high strength for maximum durability

— Inscription area for customisation is well protected against abrasion

X Two KNIPEXtend interfaces for extensions

**KNIPEX**TEND

\* For technical production reasons, KNIPEX is gradually switching to the comfort handles. Only the electrically insulated tools will initially remain with the proven and VDE-tested two-component handles.

# KNIPEXTEND



## A safe connection

TetheredTool Clip: for use with the KNIPEX Tethered Tools system



KNIPEX TetheredTool Clip

Compliant with ANSI/ISEA 121-2018

ANSI = American National Standards Institute

ISEA = International Safety Equipment Association



## Your tool, your colour

Tag your tools with the KNIPEX ColorCode Clip



KNIPEX ColorCode Clips  
in 10 different colours



## Your clip, your pliers, your idea!

For 3D printer fans:  
Use our data\* from [www.knipex.com](http://www.knipex.com)  
to realise your own clip ideas!



\* 3D data available from market launch

# KNIPEXTEND

## Sets

14  
SETS



00 61 10 CY\*



00 61 10 C V01



00 62 10 TR



00 63 06 TCR

## Displays

with 24 items each



KNIPEXTend 1  
00 18 01 V47

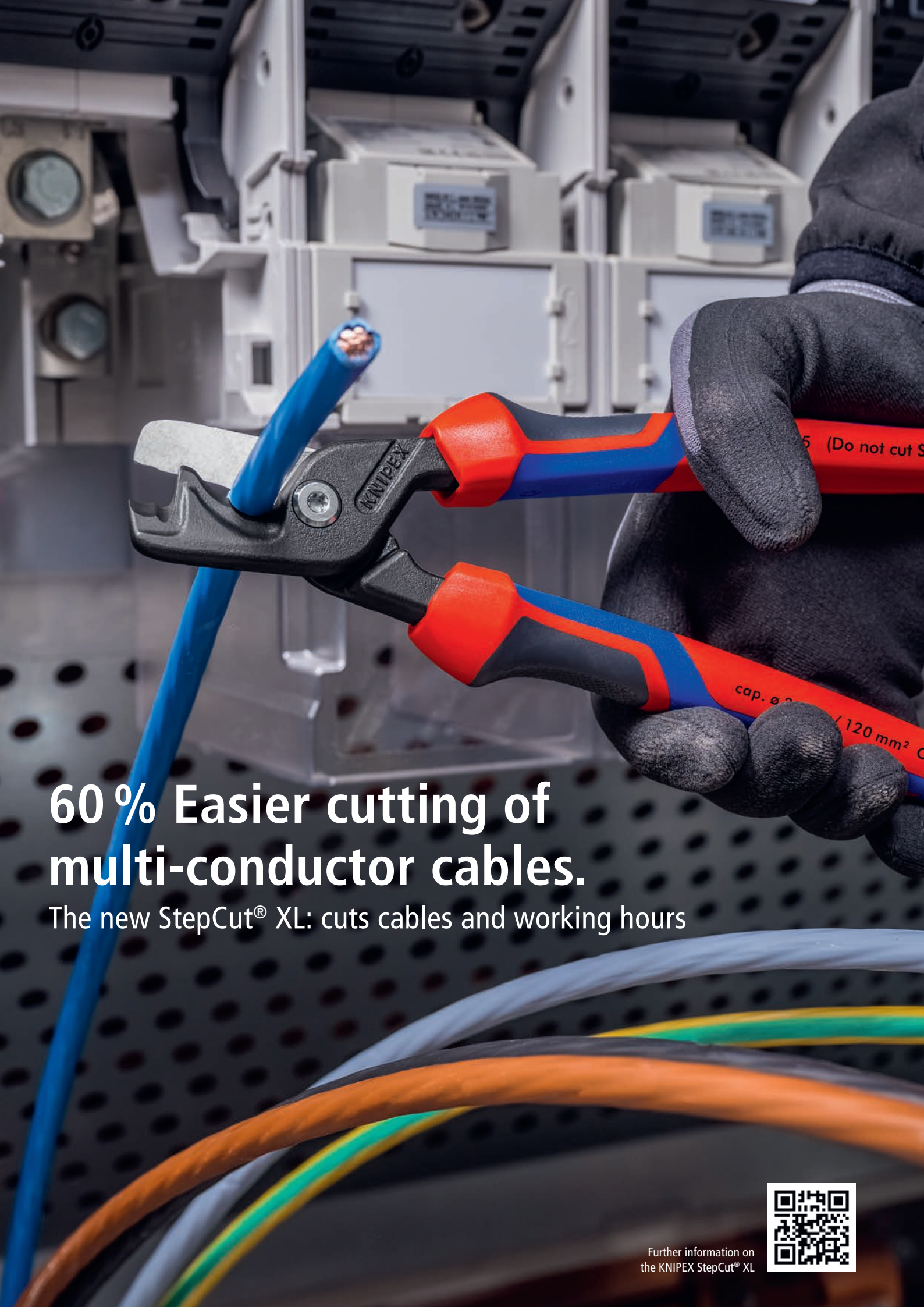


KNIPEXTend 2  
00 18 01 V48

Article No.	EAN 4003773-		Content	RAL Code
00 61 10 CR	N 089629		1 x  10x	3020
00 61 10 CB	N 089636		1 x  10x	5002
00 61 10 CA	N 089643		1 x  10x	7016
00 61 10 CY	N 089650		1 x  10x	1003
00 61 10 CO	N 089667		1 x  10x	2000
00 61 10 CG	N 089674		1 x  10x	6001
00 61 10 CW	N 089681		1 x  10x	9016
00 61 10 CS	N 089698		1 x  10x	7000
00 61 10 CM	N 089704		1 x  10x	4010
00 61 10 CV	N 089711		1 x  10x	4008
00 61 10 C V01	N 089728		1 x  2x +  2x +  2x +  2x +  2x	-
00 61 10 C V02	N 089735		1 x  2x +  2x +  2x +  2x +  2x	-
00 62 10 TR	N 089742		1 x  10x	3020
00 63 06 TCR	N 089759		1 x  3x +  3x	3020
00 18 01 V47	N 089841		1 x  4 Sets    4 Sets    3 Sets    3 Sets    3 Sets    4 Sets    +  3 Sets   InfoCard 25x	-
00 18 01 V48	N 089858		1 x  4 Sets    4 Sets    3 Sets    3 Sets    3 Sets    4 Sets    +  3 Sets   InfoCard 25x	-

New

\* Examples of single colour sets



# 60% Easier cutting of multi-conductor cables.

The new StepCut® XL: cuts cables and working hours

Further information on  
the KNIPEX StepCut® XL





# KNIPEX StepCut® XL

## 60 % Easier cutting of multi-conductor cables

- ▶ High-leverage joint, long handles and optimised cutting edges: noticeably easier cutting than with compact cable shears
  - ▶ Large cutting capacity: cuts solid copper or aluminium cables up to 35 mm<sup>2</sup>, stranded cables up to 70 mm<sup>2</sup> and fine stranded cables up to 120 mm<sup>2</sup>
  - ▶ Dual cutting areas: Stepped cutting edge holds small and larger cables close to the joint during the cut; the front cutting edge cuts very large cables step by step
- > Easy one- or two-handed operation with minimum handle opening for large cable diameters
- > Adjustable, high-leverage bolted joint provides precise and smooth cutting
- > Slim head for easier accessibility
- > Pinch guard prevents operators' fingers being pinched
- > Not suitable for steel-reinforced cables, e.g. ACSR
- > Cutting edges additionally laser-hardened, cutting edge hardness approx. 56 HRC



95 11 225



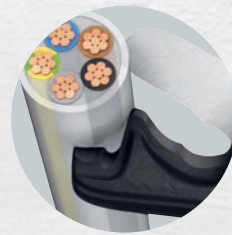
95 12 225



95 18 225



Slim head for better accessibility



Front cutting edge for cutting large cables step by step with ergonomic handle width

Stepped cutting edges prevent cables from slipping out



Screwed joint: smooth-running, precise, adjustable

Pinch guard prevents operators' fingers being pinched

Handle shape allows gripping close to the joint and with one hand



Details on the smaller KNIPEX StepCut® cable shears (160 mm)

Article No.	EAN	↔ mm	Pliers	Handles	Cutting capacities		⚖ g
					Ø mm	mm <sup>2</sup>	
95 11 225	N 088882	225	burnished	plastic coated	23	120	365
95 12 225	N 088899	225	burnished	with comfort handles	23	120	400
95 18 225	N 089964	225	burnished	insulated with multi-component grips, VDE-tested	23	120	430



# Less effort. More efficiency.

Work smarter, get the job done faster:  
the new ratchet stripping knife from KNIPEX

Further information  
on the stripping knife



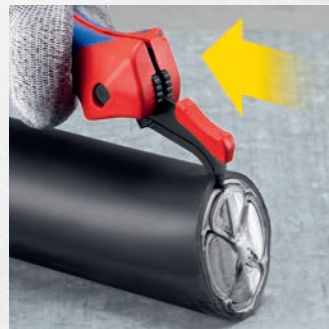
# Stripping knife

## With guide shoe and ratchet function

- ▶ Ratchet function: easy cutting even for a variety of cable sheaths
  - ▶ Versatile blade with three cutting areas for round and lengthwise cuts
  - ▶ Guide shoe protects the conductor insulation under the cable sheath
- > Cuts very hard or tough plastic sheaths up to 7 mm wall thickness
  - > Sickle-shaped, replaceable hook blade can be folded for safe transport
  - > Blade with four positions: folded, straight, angled and ratcheting
  - > Three-stage blade lock for safe handling and transport
  - > Ergonomically designed, comfortable handle
  - > Integrated tether attachment point for use with KNIPEX Tethered Tool System



With three cutting areas, guide shoe and ratchet function: ideal for for tough cable sheaths



For pushing or pulling: two blade segments for lengthwise cutting



Third blade segment for round cutting



Ratchet function enables stripping with more comfort and less effort



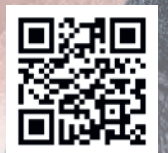
Article No.	EAN	↔	Tool	Δ
16 50 145 SB	4003773- N 089902	mm 146	Housing: glass fibre reinforced plastic/soft plastic	g 100
16 50 145 E01	N 089919	Spare blade		12
16 50 145 E02	N 089926	Safety lock		1



# Small, but mighty.

The new TubiX<sup>®</sup> S: maximum results in minimal spaces

Further information on the  
KNIPEX TubiX<sup>®</sup> product family

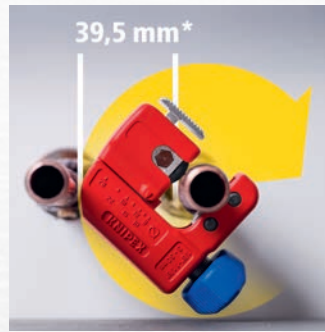


# KNIPEX TubiX® S – Pipe Cutter

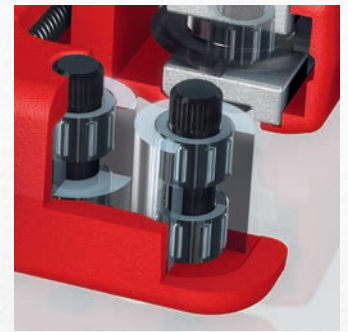
Our smallest TubiX®: pipe cutter for all installation work in the tightest of spaces

- ▶ Optimised for pipe cutting in the tightest spaces
- ▶ QuickLock one-hand locking mechanism: independent holding and clamping on the pipe
- ▶ Fits in your pocket and cuts stainless steel

- > Cuts pipes with  $\varnothing$  3–30 mm (1/8 – 1 1/8") with wall thicknesses up to 2 mm
- > Very small cutting circle: minimum space required for cutting
- > Pipe diameter can be preset with the scale and clipped on to the pipe by spring-loaded cutting wheel
- > Quick and precise positioning of the spring-loaded cutting wheel
- > Cutting wheel and guide rollers with high-quality needle bearings
- > Optimised turning knob with textured thumb recess provides 20% higher torque and prevents slipping, even in wet conditions
- > Easy to change cutting wheel, with spare wheel in the turning knob
- > Cutting wheel made of high-quality ball bearing steel

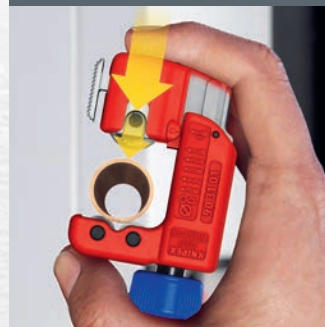


Minimised cutting circle for cutting pipes in confined spaces



Five needle bearings for particularly easy, low-fatigue cutting

## QuickLock: one-handed, quick and precise fixing to pipes



Push to the right size on the tube – or...



... preset with the scale and click onto the tube with the spring-loaded cutting wheel



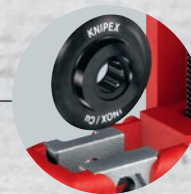
Spare cutting wheel in the turning knob



**QuickLock**



Pipe diameter can be preset with the scale for easy clipping of the TubiX® S to avoid dropping within enclosed spaces



The cutting wheel is easy to change without additional tools

Article No.	EAN	↔	mm	Ø mm	Ø Inch	⚖ g
90 31 01	N 4003773-090038		77	3–30	1/8–1 1/8	261
90 39 02 V01	085874			Cutting wheel for stainless steel and copper, with spare locking pin		8
90 39 02 V03	086307			5 x Cutting wheel for stainless steel and copper		25

# We Are Family.

These new and improved versions complete our family of electronics pliers: precise gripping and cutting in all areas of electronics and fine mechanics.

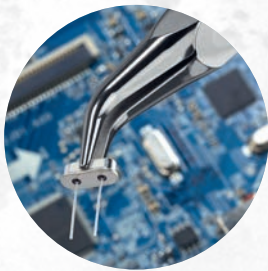


Art no. 35 X2 145 (ESD) and Art no. 77 X2 130 (ESD)

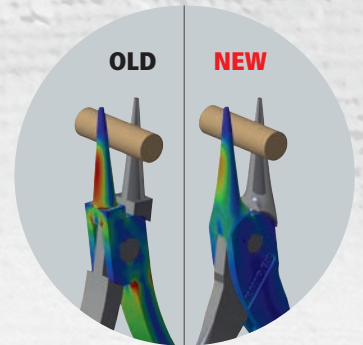
## Electronics diagonal cutters and electronics gripping pliers

KNIPLEX presents the new and improved electronics pliers

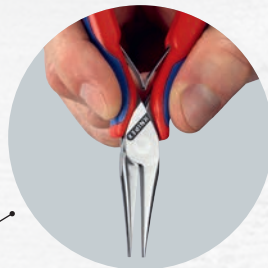
- ▶ Durable, load-optimized design with backlash-free box joint
- ▶ High, slim sleeves for fine and comfortable gripping between thumb and index finger
- ▶ Low-friction double spring for smooth and even opening
- ▶ Mirror-polishing instead of chrome-plating to avoid interference in the circuit with flaking chrome parts
- ▶ For fine cutting and assembly work, e.g. in electronics and fine mechanics



Carefully rounded:  
no sharp edges that could  
damage the workpiece



Optimized design to  
reduce stress load on  
the pliers tips



Can be held like tweezers:  
precise and comfortable gripping

Mirror polish in combination  
with a fine oil film provides  
rust protection



You can find our range of electronics pliers at:  
<https://www.knipex.com/products/electronics-pliers>

Art no. 77 X2 130



## Electronics diagonal cutters with box joint

- > Durable, load optimised design
- > Cutters additionally laser hardened, cutter hardness at least 62 HRC
- > Ball bearing chrome steel, oil hardened
- > DIN ISO 9654




Cutting edges with small bevel



77 02 130  


**NEW**



77 02 130 ESD 


**NEW**



77 32 130 


**NEW**



77 32 130 ESD 


Cutting edges without bevel





77 82 130 

**NEW**




77 82 130 ESD 

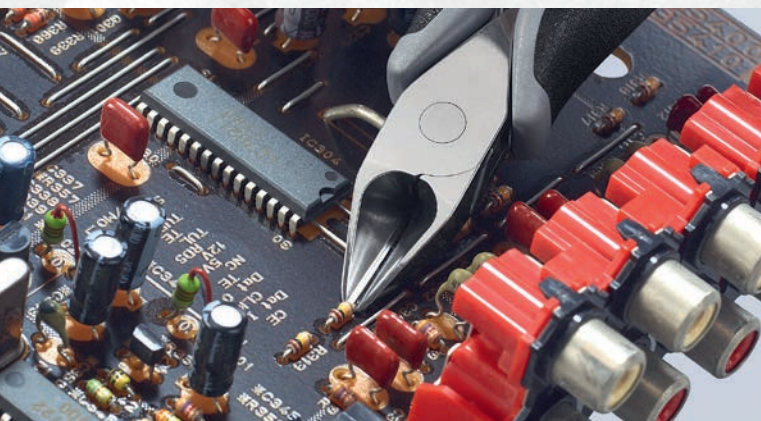


77 42 130  

**NEW**



77 42 130 ESD 



### New and improved versions:

Narrower head, same capacity, better accessibility

OLD





































15 mm

NEW



13 mm

Article No.	EAN 4003773-	↔ mm	 	Head	Handles	Cutting capacities			 g
						 Ø mm	 Ø mm	 Ø mm	
77 02 130	 039341	130	 	mirror polished	with multi-component grips	0.3 – 2.0	1.5	0.8	81
77 02 130 ESD	 089209	130	  	mirror polished	with multi-component grips	0.3 – 2.0	1.5	0.8	81
77 32 130	 089186	130	 	mirror polished	with multi-component grips	0.3 – 2.0	1.3	0.6	80
77 32 130 ESD	 089193	130	  	mirror polished	with multi-component grips	0.3 – 2.0	1.3	0.6	80
77 42 130	 018773	130	 	mirror polished	with multi-component grips	0.3 – 1.6	1.3		80
77 42 130 ESD	 089216	130	  	mirror polished	with multi-component grips	0.3 – 1.6	1.3		80
77 82 130	 089162	130	 	mirror polished	with multi-component grips	0.3 – 1.6	1.3		81
77 82 130 ESD	 089179	130	  	mirror polished	with multi-component grips	0.3 – 1.6	1.3		81



Art no. 35 X2 145

## Electronic gripping pliers with box joint

- > Improved transmission for increased service life
- > Smoothly ground gripping surfaces for damage-free gripping
- > The mirror polish in combination with a fine oil film provides rust protection
- > Ball bearing chrome steel, oil hardened
- > DIN ISO 9655



35 52 145



35 52 145 ESD



35 62 145



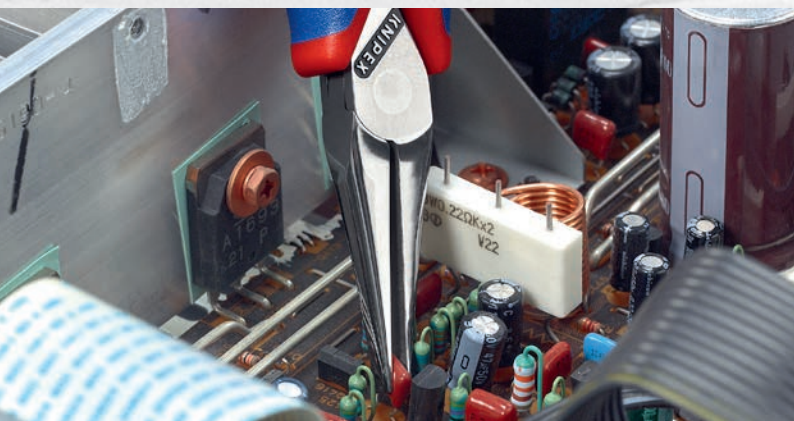
35 62 145 ESD



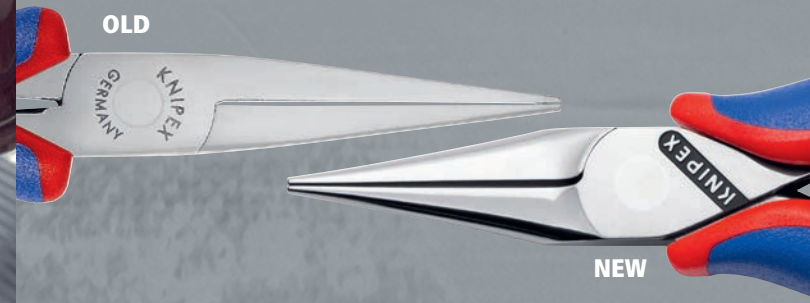
35 82 145



35 82 145 ESD



**New and improved versions:**  
Load-optimised design, better handling



Article No.	EAN 4003773-	↔ mm		Head	Handles	⚖ g
35 52 145	039389	145		mirror polished	with multi-component grips	86
35 52 145 ESD	089223	145		mirror polished	with multi-component grips	86
35 62 145	039556	145		mirror polished	with multi-component grips	86
35 62 145 ESD	089230	145		mirror polished	with multi-component grips	86
35 82 145	039396	145	$\angle 45^\circ$	mirror polished	with multi-component grips	86
35 82 145 ESD	089414	145	$\angle 45^\circ$	mirror polished	with multi-component grips	86

## Crimp System Pliers for MC4 EVO 2 solar connectors

For interchangeable crimping dies, fully assembled for MC4 EVO 2 solar connectors (up to 10 mm<sup>2</sup>)

- ▶ Just one tool for almost 1000 crimping applications: can also be used with all crimping dies and locators 97 49 XX
- ▶ Specially modified system pliers: optimised for MC4 EVO 2 connectors up to 10 mm<sup>2</sup>
- ▶ Professional standard for large photovoltaic installations

- > Almost parallel crimping motion
- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Crimping pressure has been set precisely (calibrated) in the factory and can be adjusted
- > Optimum transmission of force due to lever action for fatigue-reduced operation
- > For one- and two-handed operation
- > The 97 43 66 EVO includes a locator for precise positioning of MC4 EVO 2. An additional locator is available for all MC4 series solar connectors (97 49 71 1)
- > Crimping dies for applications that go beyond the range offered are available on request
- > Special quality chrome vanadium electric steel, oil-hardened



MC4 EVO 2 connectors: durable for larger solar installations

The included locator ensures exact positioning of the connectors during crimping



Article No.	EAN	↔ mm			Pliers	Handles	Application	Capacity mm <sup>2</sup>	AWG	△ g	
97 43 66 EVO	N 4003773-087779	200			burnished	with multi-component grips	Crimp System Pliers for MC4 EVO 2 solar connectors	4/6/10	12/10/8	680	
97 49 71 1	075073	Locator for 97 49 71 (solar cable connectors MC4)									72

Art no. 97 91 04 V0X

## Tool sets for Photovoltaics MC4

### Equipped for cabling solar system

- > Crimp System Pliers 97 43 200 A for interchangeable crimping dies, crimping pressure is precisely set at the factory (calibrated)
- > Cable shears 95 16 165 for copper cables up to Ø 15 mm
- > Assembly tool (Allen key) for changing the crimping dies
- > Impact-resistant plastic case: external dimensions: 345 x 80 x 280 mm (W x H x D)

#### 97 91 04 V01

- > Crimping die 97 49 66 (2.5 / 4.0 / 6.0 mm<sup>2</sup>) for solar connector MC4 (Multi-Contact), locator 97 49 66 1 and assembly tool set 97 49 66 2
- > Precision stripping pliers 12 12 11 (1.5 / 2.5 / 4.0 / 6.0 mm<sup>2</sup>) with adapted blades for smaller stripping capacities

#### 97 91 04 V02

- > Crimping die 97 49 71 (4.0 / 6.0 / 10.0 mm<sup>2</sup>) for solar connectors MC4 (Multi-Contact), locator 97 49 71 1 and assembly tool set 97 49 66 2
- > Precision stripping pliers 12 12 12 (4.0 / 6.0 / 10.0 mm<sup>2</sup>) with adapted blades for larger stripping capacities

97 91 04 V01



#### Content – 97 91 04 V01

12 12 11 KNIPEX		97 49 66 KNIPEX	
95 16 165 KNIPEX		97 49 66 1 KNIPEX	
97 43 200 A KNIPEX		97 49 66 2 KNIPEX	

#### Content – 97 91 04 V02

12 12 12 KNIPEX		97 49 71 KNIPEX	
95 16 165 KNIPEX		97 49 71 1 KNIPEX	
97 43 200 A KNIPEX		97 49 66 2 KNIPEX	

Article No.	EAN	Tool sets for Photovoltaics	
97 91 04 V01	4003773-088998	2.5 – 6 mm <sup>2</sup>	g
97 91 04 V02	089001	4.0 – 10 mm <sup>2</sup>	2010
			2010

Product highlight 2023

# Tool backpack Modular X18

Carry up to 15 kg of tools comfortably on your back



Art no. 00 21 50 LE

## KNIPEX Modular X18

**Light, flexible and unique: The modular tool backpack for all those who make no compromises in their work**



- ▶ Fits you and your tools: practical and comfortable due to fully hinged front and back, removable tool board and padding for your back
- ▶ As individual as you are: optimal flexibility due to innovative FIDLOCK® connectors and MOLLE webbing
- ▶ Fit for any challenge: with two separate inner compartments for tools, measuring instruments, notebook or tablet

- > Durable fabric made of sustainable recycled synthetic fibers, splash-proof and easy to clean
- > Waterproof molded bottom made of impact-resistant plastic for a secure upright position when opened and closed, 6 cm high
- > One MOLLE strap on the inside and four MOLLE straps on the outside for attaching any adapters, carabiners and accessories
- > FIDLOCK® connections are fastened or unfastened in no time at all
- > A total of 21 retaining loops and 37 pockets, some with zips
- > Luggage strap for fixing to telescopic handles of tool cases
- > 53 x 34 x 21 cm (H x W x D), empty weight 2.9 kg, tested load capacity up to 15 kg



00 21 50 LE

**Now even more flexible: more power for you and your backpack!**

Article No.		EAN 4003773-	g
00 21 50 LE	KNIPEX Modular X18 empty	089056	2900
00 21 50 E	KNIPEX Modular X18 Electric	089063	6600
00 21 50 S	KNIPEX Modular X18 Plumbing	089070	6550
00 19 50 LE	 Strap pouch	090076	116
00 21 50 V01	 Adapter	074656	26



New:

The MOLLE strap pouch 00 19 50 LE (190 x 135 x 40 mm H x W x D) and adapter 00 21 50 V01 expand the capacity of the KNIPEX Modular X18 even further.

Transport everything – easily, quickly, conveniently!





# OUR FIVE-STAR APP FOR YOUR FAVOURITE TOOLS

Already over  
**50,000**  
downloads



## KNIPEXPLORER

Digital assistant to find the right tool for your job.

**NEW:** Find the best pipe wrench or water pump pliers with just a few clicks!\*



## AUGMENTED REALITY (AR)

Integrate our tools into your environment



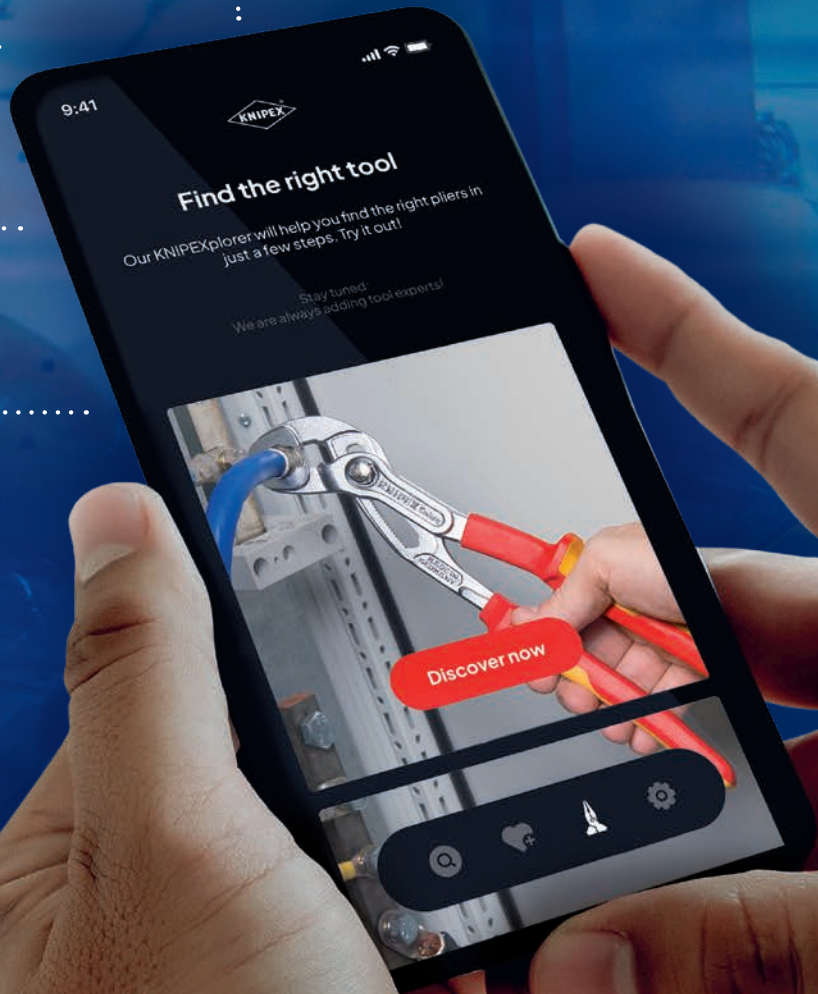
## TOOLFINDER

Search thousands of KNIPEX products



## WISHLIST

Save your favourites to the wishlist



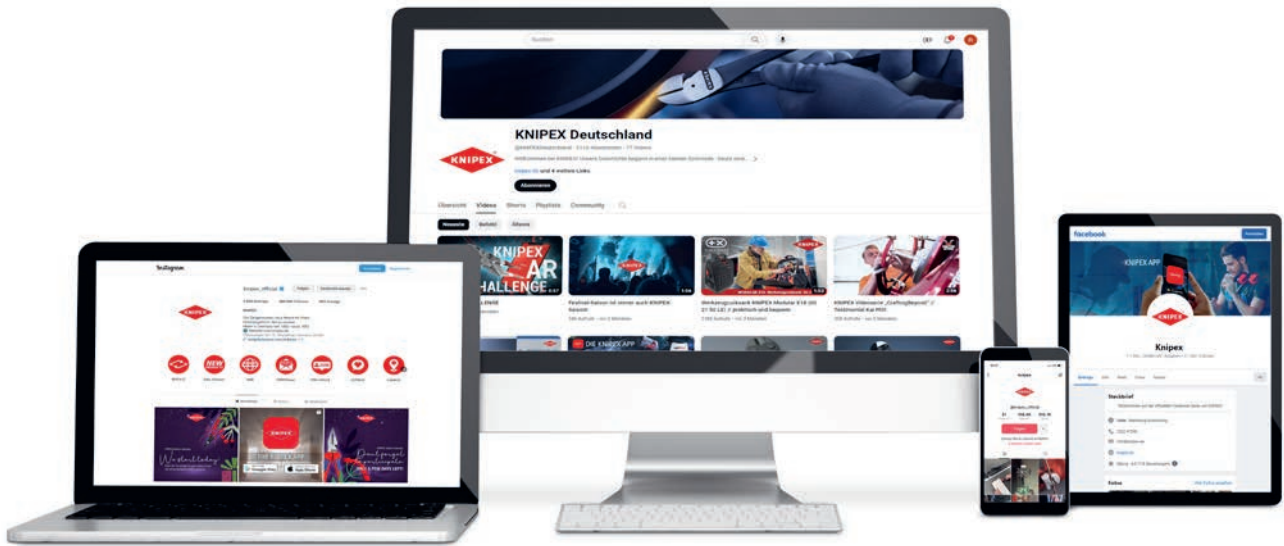
**DOWNLOAD THE  
KNIPEX APP FOR FREE**



Google Play



App Store

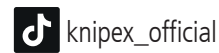


## KNIPEX – together a strong community

Already over 2,000,000 followers worldwide – become part of the KNIPEX community on Facebook, Instagram, TikTok, LinkedIn and YouTube!

Are you interested in exciting stories about our tools? It's always worth taking a look at our social media – there's something new to discover almost every day. For example, have you seen the latest issue of KNIPEXupdate, our video presentation of new products, or the frequent competitions in which we give away valuable prizes?

Direct dialogue with you is important to us: we look forward to professional discussions, your ideas and opinions. Let us know what you like about us and our pliers and what we can do even better. We are also available to provide you with advice and answers on our social media. Ask us what you've always wanted to know – we're always just a few clicks away!



## Symbols

Packing unit	Insulated according to IEC 60900, usable up to 1000 V AC/1500 V DC	Hard wire	Half-round jaws
Length	VDE tested, also in compliance with GPSG (Equipment and Product Safety Act)	F-Crimp	Angle
Weight	Cu- + Al-multi-conductor cable, solid and multi-stranded	With opening spring	Smooth gripping surfaces
<b>SB/BK</b> Carded pliers with euro holes	Soft wire	Flat jaws	Cutting edges with small bevel
<b>ESD</b> Electrostatic discharging, dissipative	Medium hard wire	Flat and pointed jaws	Cutting edges without bevel

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Largest Supplier of Electrical and Electronic Components

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