



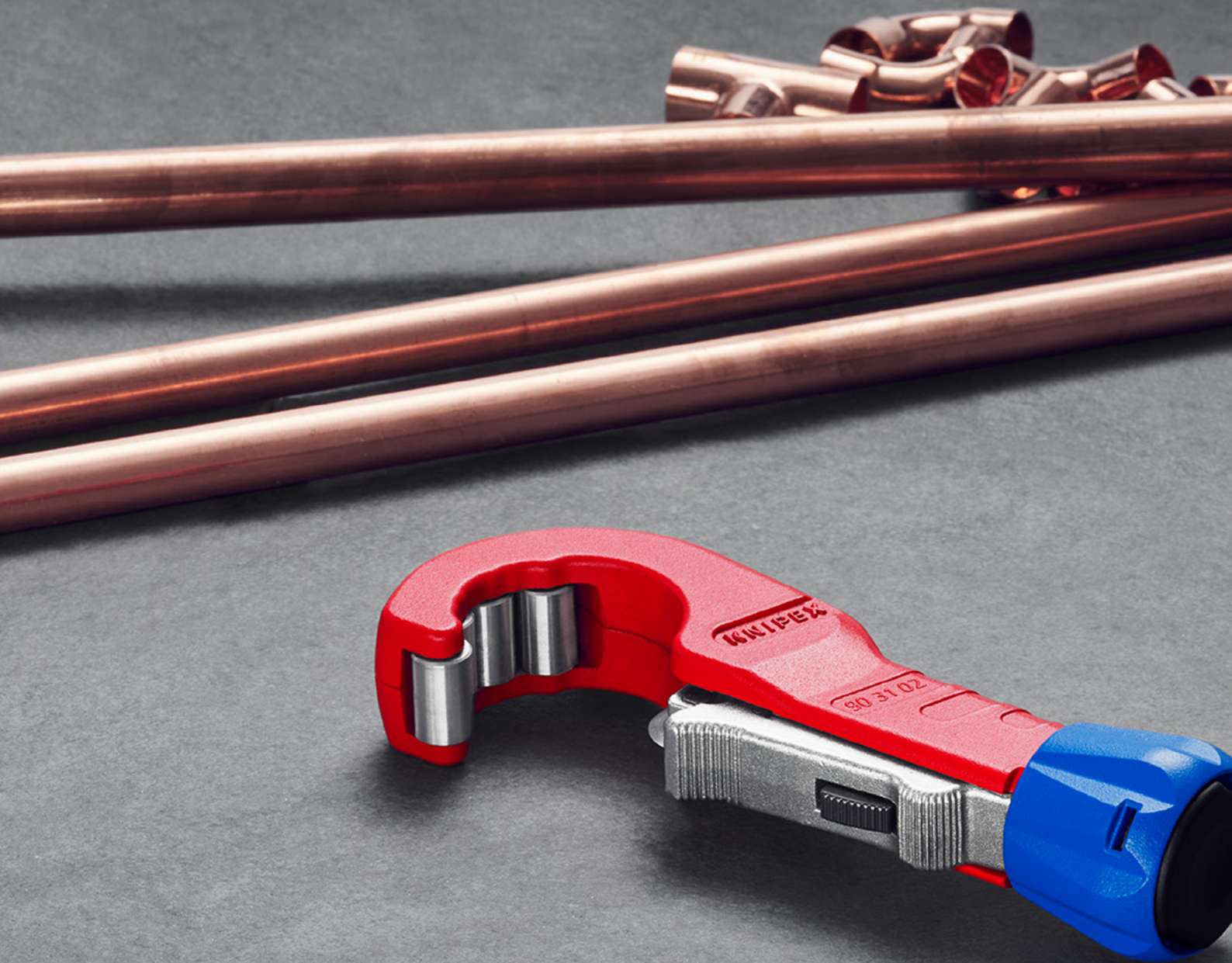
KNIPEX QUALITY – MADE IN GERMANY



# PLUMBING

RANGE





# TOOLS FOR

# PLUMBING, HEATING AND AC PROFESSIONALS

The work of a plumbing, heating and air-conditioning specialist is demanding and continues to become more complex almost daily due to advancing technologies. This requires the best tools for the best results! This is where KNIPEX pliers come into play. For many decades, we have been developing new tools and improving existing ones so that specialists can work even faster, easier and safer. This is why, for example, the KNIPEX Cobra® and our Pliers Wrench are among the most popular pliers for sanitary professionals worldwide.

Discover these and other tools from our range for plumbing, heating and air conditioning.

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flat and round parts

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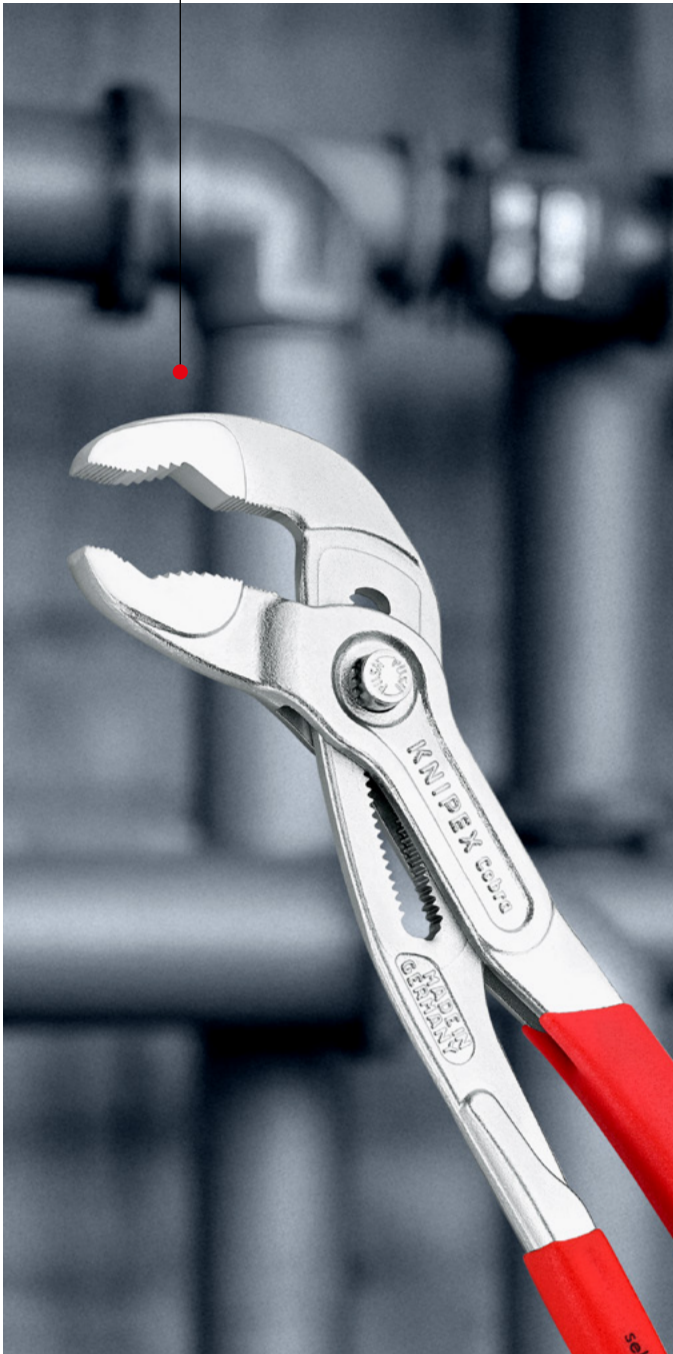
### PLIERS KNOWLEDGE

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# PRODUCT HIGHLIGHTS

**8** **KNIPEX COBRA®**  
From very small to very large:  
quick access, fine adjustment



**6** **PLIERS WRENCH**  
Smooth jaws for gentle installation,  
even of surface-finished fittings



**19** **KNIPEX TUBIX® S**  
Optimised for pipe cutting  
in the tightest spaces

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**KNIPEX DP50**

Perfect plumbing helper: easy cutting and chamfering of standard domestic waste water pipes in a single step



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For cable cutting, stripping, deburring, bending, gripping and crimping



**42**

**KNIPEX "MODULAR X18" PLUMBING**

Fits you and your tools:  
practical and convenient



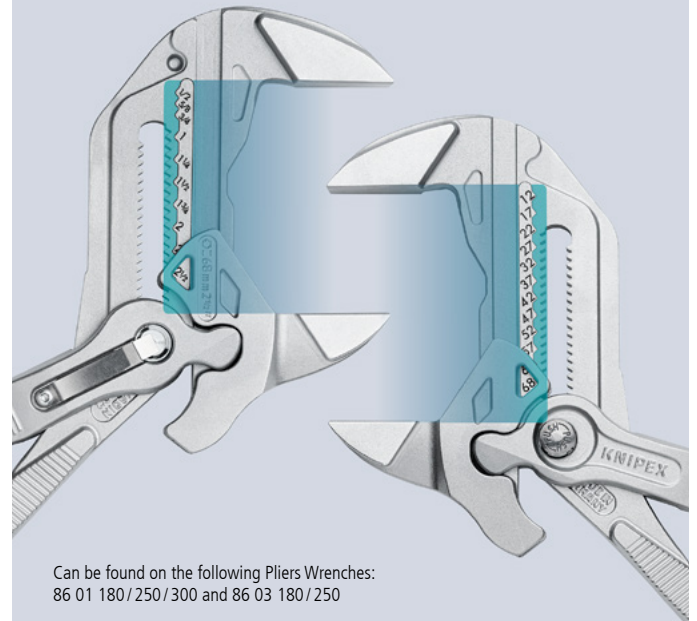
# The KNIPLEX Pliers Wrench family

## Pliers and a wrench in a single tool

- Replaces the need for sets of metric and imperial wrenches
  - Smooth jaws for the gentle installation of surface-finished-fittings – work directly on chrome!
  - The ratchet type principle allows quick and easy tightening and release of all bolted connections
- > Quick adjustment directly on the workpiece  
 > Great for gripping, holding, pressing and bending workpieces  
 > With narrow gripping jaws – for situations that require a slim tool

### PRACTICAL ADJUSTMENT SCALE:

A laser-cut scale (metric and imperial) allows the wrench size to be set in advance

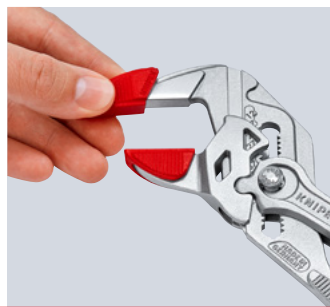


Can be found on the following Pliers Wrenches:  
 86 01 180/250/300 and 86 03 180/250

## ACCESSORIES

**Protective jaws**  
 for the following articles:  
 86 XX 180/86 XX 250/  
 86 XX 300

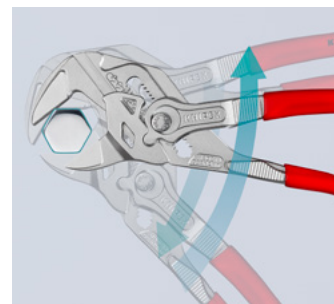
PART NO.:  
 86 09 180 V01  
 86 09 250 V01  
 86 09 300 V01



## HIGHLIGHTS



The smooth jaws grip all parallel surfaces in the capacity range with a high degree of pressure if necessary and open up almost unlimited application possibilities for the Pliers Wrench



The special motion of the gripping jaws enables time-saving operation according to the ratchet principle



Fast adjustment at the touch of a button



86 01 180

# Pliers Wrench

**So versatile: can adjust sensitively – and grip powerfully**

Other variants  
Page 48 **+**

- Our most popular Pliers Wrench for everyday plumbing, heating and air conditioning work
- For wrench sizes up to 40 mm/1 1/2"

KNIPEX  
Pliers Wrench  
also available  
as a set:  
Page 46

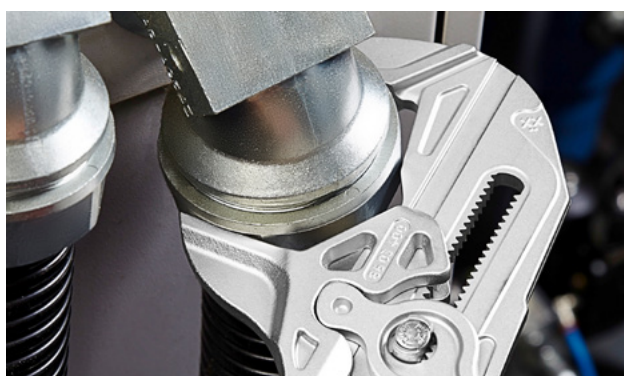
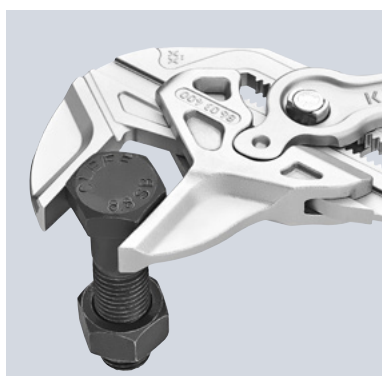


PART NO.:  
**86 03 180**

# Pliers WrenchXL

**Extremely powerful, for large workpieces**

- The unique installation tool available in 400 mm length
- For wrench size up to 85 mm/3 3/8"



PART NO.:  
**86 03 400**

## PERFECT GRIP, HOLD, PRESS AND BEND IN ANY SIZE

The excellent mechanics of the Pliers Wrench amplifies the manual force applied by a factor of 10.





# The KNIPEX Cobra® family

## High-Tech Water Pump Pliers

- Quick adjustment directly on the workpiece, no unintentional slipping of the joint
  - Fine adjustment for optimum adaptation to different workpiece sizes and hand-friendly grip position
  - Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with specially hardened teeth, hardness of teeth approx. 61 HRC: permanently secure gripping due to high wear resistance
  - > Box-joint design for high stability due to double guide
  - > Pinch guard prevents operators' fingers being pinched



**INGENIOUSLY SIMPLE!** No more time-consuming trial and error to find the right opening width. Instead: Place the upper jaw on the workpiece, press the button and slide the lower jaw into place

### ACCESSORIES

**Protective jaws**  
for the following articles:  
87 XX 180/87 XX 250/  
87 XX 300

PART NO.:  
87 09 180 V01  
87 09 250 V01  
87 09 300 V01



### HIGHLIGHTS



Teeth set against the direction of rotation have a self-locking effect and prevent slipping on the workpiece



Enormous gripping width: depending on size, up to 120 mm



Convenient and quick: fine adjustment with a push button



Fast and precise adjustment directly on the workpiece



KNIPEX Cobra®  
also available  
as a set:  
Page 46

## KNIPEX Cobra®

**The High-Tech Water Pump Pliers  
in the most popular size**

Other variants  
Page 48 +

- Indispensable for plumbing, heating and air-conditioning specialists
- Gripping width for pipes up to Ø 50 mm, wrench size up to 46 mm



87 01 250



PART NO.:  
87 03 250



## KNIPEX Cobra® XL

**High-Tech Water Pump Pliers for force  
applications on large workpieces**

Other variants  
Page 48 +

- Larger gripping width but much lighter weight than comparable pipe wrenches
- Gripping width for pipes up to Ø 90 mm (KNIPEX Cobra® XXL: Ø 115 mm), wrench size up to 95 mm (120 mm)



PART NO.:  
87 01 400

**PERFECT GRIP, HOLD, PRESS AND BEND IN ANY SIZE**



PART NO.:  
86 04 100



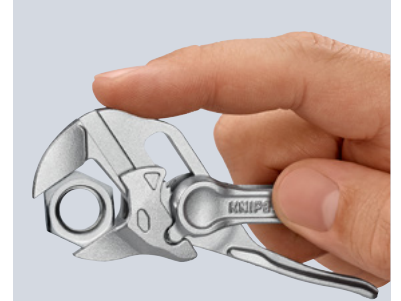
## Pliers Wrench XS

### 100 mm pure gripping strength

- Optimum accessibility in the tightest of spaces: particularly compact design, very slim head
  - One-handed fine adjustment by pushing for the simplest adjustment to different workpiece sizes
- > Enormous gripping capacity with a tool length of only 100 mm; parallel jaw opening grips continuously up to 21 mm wrench size
- > Robust sliding joint offers high stability and resilience
- > Smooth jaws for the gentle installation of sensitive and and surface-finished fittings: working directly on chrome due to full-surface contact



Due to the high-ratio joint, the XS Pliers Wrench grips, presses and holds everything securely



Despite its small size, the Pliers Wrench XS grips nuts and parallel workpieces up to 21 mm safely and gently



KNIPEX XS Pliers Wrench and KNIPEX Cobra® XS also available as a set: Page 46

PART NO.:  
87 00 100



## KNIPEX Cobra® XS

### The smallest water pump pliers with only 100 mm for all environments

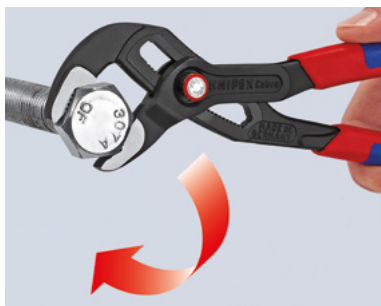
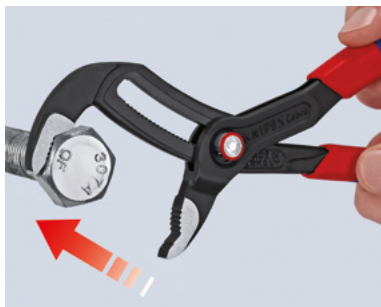
- Optimum accessibility in the tightest of spaces: particularly compact design, very slim head
  - One-handed fine adjustment by pushing for the simplest adjustment to different workpiece sizes
- > Gripping capacity  $\varnothing$  28 mm, wrench size up to 24 mm – at only 100 mm length
- > Box joint: high quality and durability provided by dual guide
- > Gripping surfaces with specially hardened teeth, hardness of teeth approx. 61 HRC: permanently secure gripping due to high wear resistance



Small miracle: KNIPEX Cobra® XS with a length of just 100 mm – Particularly compact design, ideal for working in the tightest of spaces due to the slim head



The KNIPEX Cobra® XS is self-clamping and resilient – the real full-fledged KNIPEX water pump pliers



## KNIPEX Cobra® QuickSet

**High-Tech Water Pump Pliers with quick adjustment**

Other variants  
Page 49 +

- > Combines the proven, reliable locking of the hinge bolt with an additional push button function which makes it easier to work in very confined and inaccessible areas
- > The adjustment directly on the workpiece is possible by simply sliding the pliers handle
- > To re-activate the sliding function, the hinge bolt needs to be released by pressing the push button and the pliers must be completely opened again
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working

PART NO.:  
**87 21 250**



Very slim design in the head and joint area (compared to conventional water pump pliers)



Optimum access to the workpiece. Ideal for service, maintenance and equipment repair, in automotive and general industry

## KNIPEX Cobra® ES

**Water Pump Pliers extra-slim**

Other variants  
Page 49 +

- > Ideal for service, maintenance and equipment repair, in automotive and general industry
- > Long, narrow jaws
- > Firm grip also on flat material due to three-point rest
- > Push the button for adjustment on the workpiece
- > Fine adjustment for optimum adaptation to different workpiece sizes and hand-friendly grip position
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with specially hardened teeth, hardness of teeth approx. 61 HRC: permanently secure gripping due to high wear resistance

PART NO.:  
**87 51 250**



Adjustment to suit the workpiece is automatic with the KNIPEX SmartGrip. Place the outer jaw on the workpiece and then squeeze the handles



## KNIPEX SmartGrip

**Water Pump Pliers with automatic adjustment**

- > Ideal for frequent changeovers to workpieces of different sizes
- > Automatic adjustment per one-hand operation both for right-handed and left-handed use
- > Good access to the workpiece due to the slim dimensions of head and joint area and flush joint bolt
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with specially hardened teeth, hardness of teeth approx. 61 HRC: permanently secure gripping due to high wear resistance

PART NO.:  
**85 01 250**



PART NO.:  
**88 03 180**



## KNIPEX Alligator®

### Water Pump Pliers

Other variants  
Page 49



- Robust design, dirt resistant; Particularly suitable for outdoor work
  - Good access to the workpiece due to slim design in the head and joint area
  - More output and comfort compared to conventional water pump pliers of the same length: 9-notch adjustment positioning for 30% more gripping capacity
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with specially hardened teeth, hardness of teeth approx. 61 HRC: permanently secure gripping due to high wear resistance
- > Box-joint design for high stability due to double guide



**88 01 180**



PART NO.:  
**88 01 400**



## KNIPEX Alligator® XL

### High-Tech Water Pump Pliers for force applications on large workpieces

- The classic model, available in 400 mm length
  - Robust design, dirt resistant; Particularly suitable for outdoor work
- > Good access to the workpiece due to slim design in the head and joint area
- > Pinch guard prevents operators' fingers being pinched
- > Gripping surfaces with specially hardened teeth, hardness of teeth approx. 61 HRC: permanently secure gripping due to high wear resistance



The KNIPEX Alligator® XL offers the performance and comfort of water pump pliers with 50% less weight and a larger gripping capacity (3 1/2") than comparable pipe wrenches. With its handy 400 mm length, the KNIPEX Alligator® XL fits into a tool case.



81 11 250

# Siphon and Connector Pliers

For traps, tube fittings and connectors

Other variants  
Page 50 +

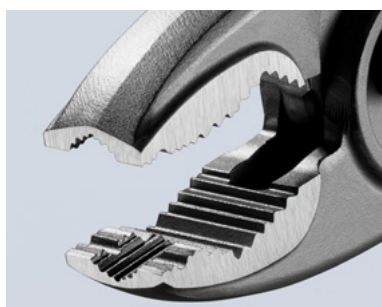
- Ideal for tightening and loosening siphon screw connections, plastic pipe connections and round union nuts
  - Fine adjustment for ideal adjustment to diverse diameters
  - For connectors, oil filters, plastic pipes and siphons
- > For connectors and couplings with screw connection (e. g. Cannon circular connectors)
- > For gentle loosening of hoses on nozzles and filter cartridges



PART NO.:  
81 13 250



Replaceable plastic jaws for sensitive surfaces; up to Ø 75 mm



# KNIPLEX TwinGrip

Slip Joint Pliers

Other variants  
Page 50 +

- Unique combination: front grip and side grip function, box joint, push button adjustment
  - Very slim pliers let you work even in confined installation spaces with a narrow turning zone for fast results
  - High-grip front jaw with robust teeth and high gear ratio at the tip of the mouth
- > Large front and side gripping capacity for diameters and widths across flats 4–22 mm
- > Reliable front gripping of flat workpieces due to the three-point system

PART NO.:  
82 01 200



**OPTIMISED JAW GEOMETRY:**  
2-zone gripping jaw with opposing alignment of teeth – for maximum grip when loosening and tightening.

PART NO.:  
08 21 185

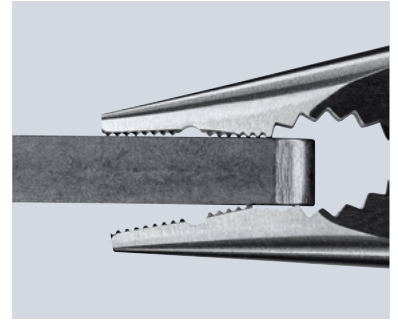


## Needle-Nose Combination Pliers

The all-purpose pliers – also for precision gripping

Other variants  
Page 50 **+**

- Easy cutting due to the high leverage joint
  - Handy use when working in confined areas due to slim head design and pointed jaws (anti-twist)
  - Gripping surface convex on one side – for secure gripping of flat parts
- > The reliable and diverse combination pliers when out and about
- > With cutting edges for soft, medium-hard and hard wire



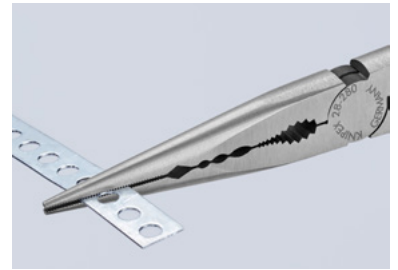
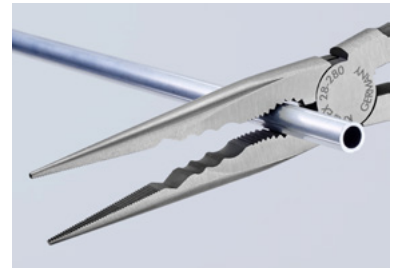
PART NO.:  
28 71 280



## Long Reach Needle Nose Pliers

With transverse profiles

- For gripping, adjustment and assembly work in hard to reach areas due to the slim and long design
- > Careful yet reliable gripping, holding and guiding of small copper pipes, screws and cables as well as other round parts due to milled grooves with smooth surfaces
- > Serrated pipe grip to grip round parts



## THE CLASSICS: PIPE WRENCHES

Other variants  
Page 50–51 **+**

PART NO.:  
83 10 015

Pipe Wrench 90°



PART NO.:  
83 20 015

Pipe Wrench 45°



PART NO.:  
83 30 015

Pipe Wrench S-Type

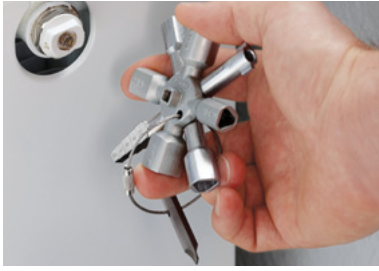


PART NO.:  
83 60 015

S-Type Pipe Wrench  
with fast adjustment



# FURTHER TOOLS FOR EVERYDAY WORK

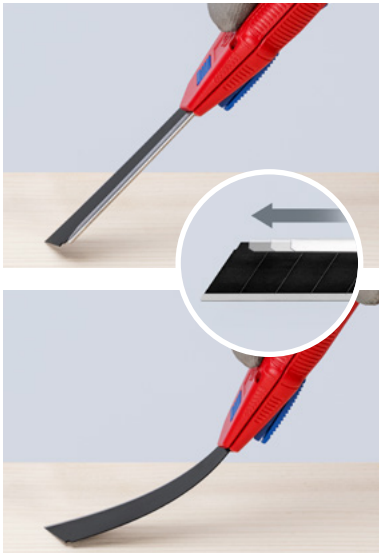


## KNIPEX TwinKey®

PART NO.:  
00 11 01

### The most universal control cabinet key

- 10 profiles. 2 crosses. 1 key.
  - For all common locking systems
- > Multifunctional key for the actuation of locking systems from the areas of facilities engineering (heating and plumbing, air conditioning, electrical technology), gas and water supply, and shut-off-systems
- > 8-arm version: two 4-way spider keys connected in a space-saving way using magnets



Flexible: the blade can be used rigidly or flexibly as required

## KNIPEX CutiX

PART NO.:  
90 10 165 BK

### Universal Knife

- Innovative and variably extendable stabilisation bar: versatile, precise, and faster cutting
- Exert targeted pressure on the back of the blade without risk of injury, no unintentional bending or breaking of the blade
- Robust, durable magnesium housing: as light as plastic, strong as die-cast aluminium
- Fixed blade due to high-quality blade locking: secure fit when cutting, pushing and scraping



Incl. two spare blades in the handle drawer



## KNIPEX CoBolt

PART NO.:  
71 01 200

### Compact Bolt Cutter



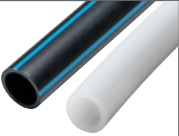










- > With precision cutting edges for soft, hard and piano wire
- > Cuts components such as bolts, nails, rivets, etc.
- > Efficient joint design ensures exceptional cutting performance with little effort
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened



# PRODUCT FINDER

## FOR PIPE CUTTERS

The numerous variants of plastic and metal pipes often require special tools for a clean cut. You will find the perfect tool here.

						Pipe type		
						Plastic 		
								
						Material	Material	Material
						Typical names	Typical names	Typical names
Part No.	Illustration	Special features / characteristics	Page	Capacity outer dia. ▼	Aluminium composite, multilayer, composite	Aluminium composite, multilayer, composite (e.g. Geberit Mepla)	Cold water pipe, underfloor heating pipe	
Plastic pipe cutter	90 22 01 SB 90 22 02 SB		Compact and lightweight, cuts corrugated pipes without damaging the interior components	25	13–32 mm 1/2–1 1/4"			
	90 20 185		Pointed blade: low deformation, low weight	25	Until 25 mm 1"			●
	90 22 10 BK		Compact, lightweight and universal, also for drip sleeves	20–21	20–56 mm 3/4–2 13/64"			● Up to wall thickness 3.5 mm
	90 23 01 BK		Cutting and chamfering	22	32/40/50 mm			
	94 10 185		Ratchet mechanism: low cutting forces and universal use, pointed blade	25	Until 35 mm 1 3/8"			●
Plastic and composite pipe cutter	90 25 185		Straight blade, low weight	24	Until 25 mm 1"	●		● ●
	90 25 20		Straight blade, with corrugated tube cutter	24	Until 26 mm 1"	●		●
	90 25 25		Round blade: minimal cutting force and deformation	23	Until 26 mm 1"	● ●	● ●	●
	90 25 40		Ratchet mechanism: low cutting forces and universal use, straight blade	24	Until 40 mm 1 9/16"	●*	●*	● ●
Pipe cutters for metal pipes	90 31 01		Quicklock one-hand quick adjustment	18–19	3–30 mm 1/8–1 1/8"			
	90 31 02		Quicklock one-hand quick adjustment	18–19	6–35 mm 1/4–1 3/8"			
	90 31 03		Quicklock quick adjustment	18–19	6–76 mm 1/4–3"			
Maximum pipe diameter Ø per pipe type that can be cut with products from the KNIPEX range:						Until Ø 40 mm 1 9/16"	Until Ø 40 mm 1 9/16"	Until Ø 56 mm 2 13/64"

- ● Particularly suitable, note capacity limits and remarks in the field
- Suitable, observe capacity limits and remarks in the field

- W Wall thickness
- \* Some manufacturers prescribe the use of pipe cutters with a cutting wheel for pipes from Ø 32 mm, e.g. Geberit, Uponor, Fränkische, Viega



Flexible <b>Y</b>			Rigid <b>I</b>						
PVC	PU, PE, PTFE, PVC	NBR, EPDM, rubber	PP-MD W ≤ 2.4 mm	PVC-U W ≥ 2.4 mm	PVC-U PVC-C, ABS W ≥ 2.4 mm	PVC-U, PVC-C W ≤ 2.4 mm	PP, PP-R, PP-H	CU/AL/INOX/Steel W ≤ 2 mm	
Protection tube, corrugated tube	Plastic hose, pneumatic hose	Rubber hose (also with textile fabric)	Drain pipe HT, Silent PP	Sewage pipe core foamed	Pressure pipe 16 bar, Schedule 40	Empty pipe, pressure pipe 10 bar	Welding pipe, pressure pipe	Metal tube	
● ● Up to groove width 2.7 mm									
● Empty corrugated tube only	●	● ●				● ●	●		
● Empty corrugated tube only	● Up to wall thickness 3.5 mm		● ●	● ● Up to wall thickness 3.5 mm		● ●			
			● ● Wall thickness 1.8–2.4 mm			● Wall thickness 1.8–2.4 mm			
● Empty corrugated tube only	●	● ●	●		●	●	●		
● Empty corrugated tube only	●				● Rotate pipe when cutting	● Rotate pipe when cutting	●		
● ● ● Ø 18–35 mm Up to groove width 2.7 mm	●				● ● Rotate pipe when cutting	● Rotate pipe when cutting	●		
● Empty corrugated tube only	●				● Rotate pipe when cutting	● Rotate pipe when cutting	●		
			● Rotate pipe when cutting		● Rotate pipe when cutting	● Rotate pipe when cutting	● ●		
							● ● Up to wall thickness 2 mm		
							● ● Up to wall thickness 2 mm		
							● ● Up to wall thickness 2 mm		
Until Ø 56 mm 2 13/64"	Until Ø 56 mm 2 13/64"	Until Ø 35 1 3/8"	Until Ø 56 mm 2 13/64"	Until Ø 56 mm 2 13/64"	Until Ø 50 mm 1 9/16"	Until Ø 56 mm 2 13/64"	Until Ø 40 mm 1 9/16"	Until Ø 76 mm 3"	



# KNIPEX TubiX® – the specialists for metal tubes

## Pipe Cutters for metal pipes

- For plumbing, heating and air conditioning: easily cut gas and water pipes made of copper, brass and stainless steel
  - QuickLock locking mechanism: independent holding and clamping on the tube
  - Comfortable: easy cutting due to high-quality needle bearings in the spring-loaded cutting wheel and guide rolls
- > Precise and quick: easy positioning of the cutting wheel on the pipe
- > Cuts pipes with wall thickness up to 2 mm
- > Quick replacement of the cutting wheel without any tools – spare cutting wheel stored in the handle

## KNIPEX TUBIX® FAMILY – HIGHLIGHTS



1 The new ease of cutting: apply the open KNIPEX TubiX® pipe cutter ...



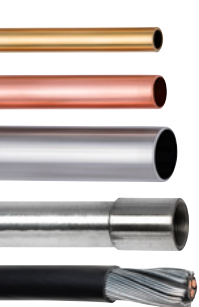
2 Push the cutting wheel onto the pipe with QuickLock one-hand quick fastening: quick adjustment to different pipe diameters ...



3 Cut by turning and adjust with the ergonomic blue turning knob ...



4 90 31 02 BK/90 31 03 BK: If required, the interface can be smoothed with the fold-out deburrer – with surprisingly little effort

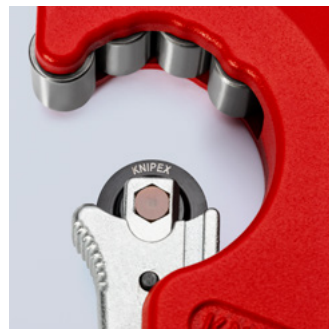


For plumbing, heating and air conditioning: easily cut gas and water pipes made of copper, brass and stainless steel

For the electrical trade: for cutting steel armoured conduits ("Stapa conduits") and for stripping SWA cables (Steel Wire Armored Cable)



High-quality needle bearings enable the cutting wheel and the four guide rollers to operate virtually without any friction during the cutting – cuts stainless steel pipes with particular ease



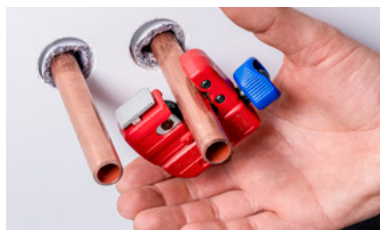
The needle-beared and spring-loaded cutting wheel made of high-quality ball bearing steel is easily exchangeable



Quick replacement of the cutting wheel without any tools – spare cutting wheel stored in the handle



Minimised cutting circle for cutting pipes in confined spaces



## KNIPEX TubiX® S

### Pipe Cutter for small pipes

- Cuts pipes with  $\varnothing$  3–30 mm (1/8–1 1/8"), with wall thicknesses up to 2 mm
  - Optimised for pipe cutting in the tightest spaces
  - Fits in your pocket and cuts stainless steel
- > Pipe diameter can be preset with the scale and clipped on to the pipe by spring-loaded cutting wheel

PART NO.:  
90 31 01



The spring-loaded cutting wheel can be pushed and fixed on the diameter of the pipe with the one-hand locking mechanism

## KNIPEX TubiX®

### Pipe Cutter for the most common pipes

- Cuts pipes with  $\varnothing$  6–35 mm (1/4–1 3/8")
- Removable, precision-ground deburring tool

PART NO.:  
90 31 02 BK



The KNIPEX TubiX® XL can be adjusted quickly and precisely to all tubes with a diameter between 6 and 76 mm with a simple hand movement

## KNIPEX TubiX® XL

### Pipe Cutter for large pipes

- Cuts pipes with  $\varnothing$  6–76 mm (1/4–3")
- Removable, precision-ground deburring tool

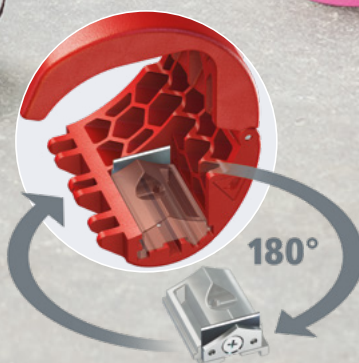
PART NO.:  
90 31 03 BK



\*Applies to pipe diameters  $\varnothing$  15–28 mm and when the turning knob is in an optimal position



Blade at centre:  
regular cutting of various  
pipe diameters



Blade on the outside:  
cutting sealing sleeves  
close to the wall

The variable blade block can be used  
rotated by 180 degrees as required

PART NO.:  
90 22 10 BK

# KNIPEX BiX

## Cutter for plastic pipes and sealing sleeves

- Clever pipe cutter: cuts pipes without shavings and fits comfortably in the hand
  - Cuts high-temperature waste water pipes and empty electrical conduits in next to no time
  - Shortens drip and sealing sleeves during final assembly – standardised close to the wall
- > Cuts unreinforced plastic pipes from Ø 20 to 56 mm with wall thicknesses of up to 2.4 mm
  - > Cuts soft plastic pipes and those with foamed cores from Ø 20 to 56 mm with wall thicknesses of up to 3.5 mm
  - > Cuts drip and sealing sleeves with approx. 2–3 mm wall clearance



The KNIPEX BiX can be securely locked for transport with the blue latch



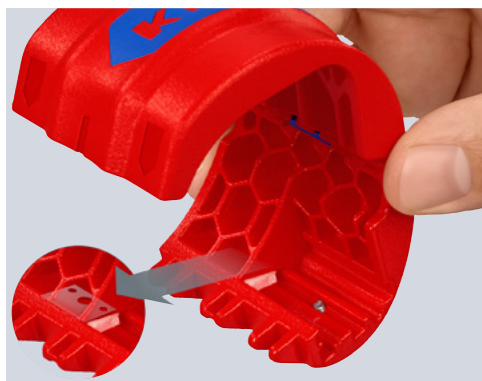
Two spare blades integrated in the tool



Practical, fast and clean: plastic pipes can be cut in no time at all. The cut is clean and practically burr-free, sections remain in the tool



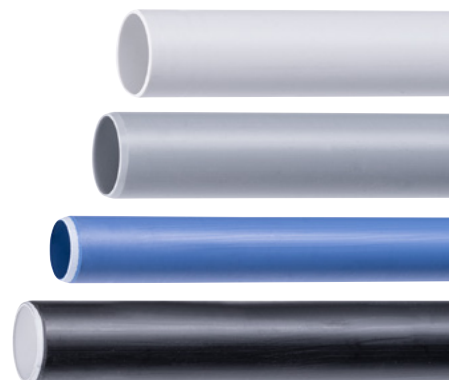
Due to the unique design of the rotating blade block, drip and sealing sleeves can be reliably shortened 2 to 3 mm in front of the wall to safely drain off moisture



The spare blade is easily accessible inside the KNIPEX BiX



Due to its small size, the KNIPEX BiX is suitable for everyday transport, even in a trouser or jacket pocket



PART NO.:  
90 23 01 BK

# KNIPEX DP50

## Pipe Cutter for plastic drainage pipes

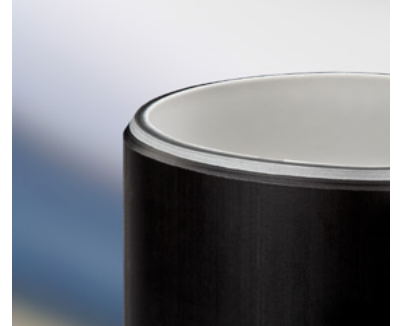


Replaceable blade made from special tool steel

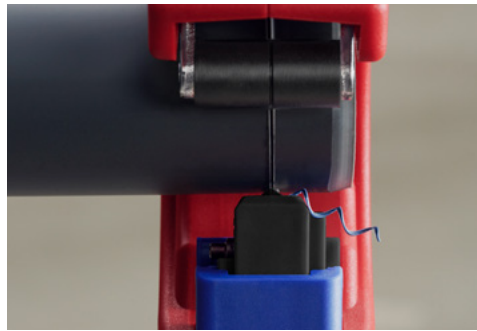
- Cutting and chamfering of all common domestic plastic drain pipes up to Ø 50 mm in a single operation
  - Reversible high-quality ball-bearing steel blade, can be easily replaced without tools
  - Clean cut: no readjusting or deburring required, reducing potential blockages or damages of the seals
- > Cuts high temperature and other plastic pipes with Ø 32, 40 or 50 mm and wall thicknesses up to 2.4 mm
  - > Optimum pipe guidance and easy cutting due to self-adjusting rollers with plain bearings
  - > Easy positioning due to clear view of cutting point



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



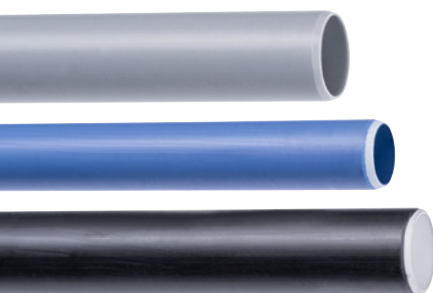
In a single operation the blade cuts the pipe and forms the chamfer for a proper connection



Short sections from approx. 10 mm are also possible. The spiral-shaped shaving is created by chamfering



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



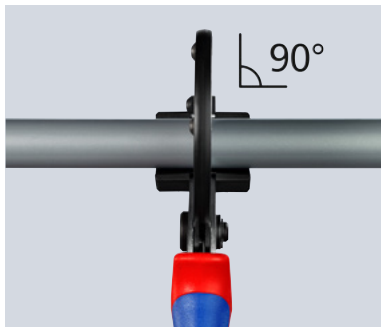
Three diameters with one tool: the pipe diameter can be adjusted using the metal adjuster

PART NO.:  
90 25 25

# Pipe Cutter

## For composite and plastic pipes

- Up to 60% less effort: the freely rotating cutting wheel allows the pipe to be rotated with minimal friction when cutting
  - Optimum cutting results: the rotation allows the cutting wheel to penetrate the pipe effortlessly with minimal deformation
  - Wide plastic supports allow perfect right-angled cuts
- > Cuts aluminium composite and plastic pipes up to Ø 26 mm more easily than conventional shears with a fixed blade
- > Also suitable for composite pipes with increased aluminium layer thickness (e.g. Geberit Mepla)



The wide plastic supports opposite the cutting wheel allow perfect right-angled cuts



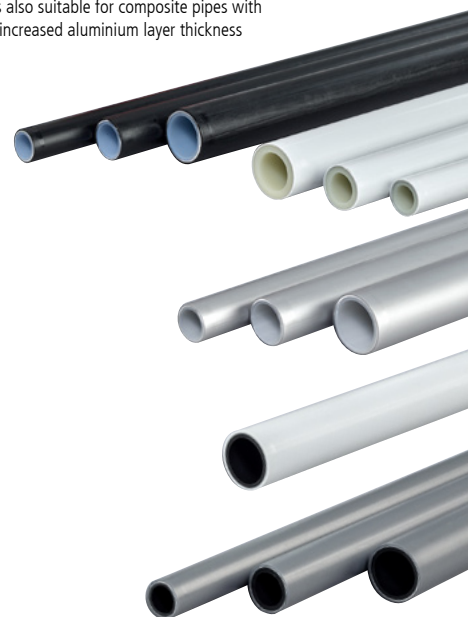
The rotary movement means the pipe can also be cut with little pressure, minimising deformation



Makes cutting particularly easy: the rotating cutting wheel allows the pipe to be rotated in the pipe cutter with little friction, or, vice versa, the pipe cutter can be rotated around the pipe



The pipe cutter cuts all standard composite and plastic pipes with a diameter of up to 26 millimetres. Due to its robust design, it is also suitable for composite pipes with an increased aluminium layer thickness



PART NO.:  
90 25 185

## Pipe Cutter

### For composite and plastic pipes

- For cutting composite pipes from Ø 12–25 mm
  - Clean, smooth and burr-free cut surfaces
- > With opening spring and locking device  
> Ergonomically shaped handles made of glass fibre reinforced plastic  
> Not suitable for cutting cables



Replaceable blade made from special tool steel



The high-strength, sharp blade cuts composite and plastic pipes smoothly and burr-free

PART NO.:  
90 25 40

## Pipe Cutter

### For composite and plastic pipes

- For cutting thick walled plastic and composite pipes up to Ø 40 mm
  - Self-adapting pipe support positions pipes of various diameters correctly for a rectangular cut
  - No accidental strokes due to spring-loaded knife
- > Cuts pipes using the ratchet principle



Replaceable blade made from special tool steel



Clean cut of thick walled plastic and composite pipes

PART NO.:  
90 25 20

## Pipe Cutter

### For composite pipes and protective tubes

- For cutting composite pipes up to Ø 26 mm
  - For cutting many corrugated plastic pipes from Ø 18 to 35 mm without damaging internal cables or pipes
  - Clean, smooth and burr-free cut surfaces
- > With opening spring and locking device  
> A calibration arbor can be fitted, for example for Geberit composite pipes with Ø 11.5 and 15 mm  
> Not suitable for cutting cables



Replaceable blade made from special tool steel



Composite pipes of up to Ø 26 are cut cleanly and in a 90° angle



Clean cut of corrugated pipes Ø 18–35 mm



# Pipe Cutter

PART NO.:  
94 10 185

## For plastic conduit pipes

- For burr-free cutting of thin-walled plastic pipes (e.g. plastic armoured pipes) with Ø 6–35 mm
  - Low force requirement due to special blade geometry and optimum transmission
- > Blade is replaceable and can be retracted from any position
- > Minimum operator fatigue due to ergonomic handle design and incremental ratchet blade feed
- > Not suitable for cutting cables



Replaceable blade made from special tool steel



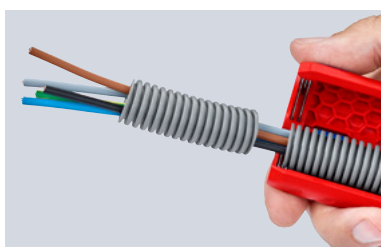
# KNIPLEX PlastiCut®

PART NO.:  
90 20 185

## Cutter for flexible hoses and plastic conduit pipes

- For cutting thin walled plastic pipes (conduit plastic pipes) and flexible hoses, also with fabric reinforcement, of plastic and rubber up to Ø 25 mm / 1
- > With opening spring and locking device
- > Ergonomically shaped handles made of glass fibre reinforced plastic
- > Not suitable for cutting cables

Replaceable blade made from special tool steel



Clean cutting edge with no damage to internal cables as the cut is always at the top of the corrugation

# KNIPLEX TwistCut®

PART NO.:  
90 22 01 SB

## Corrugated Pipe Cutter

Other variants  
Page 53 +

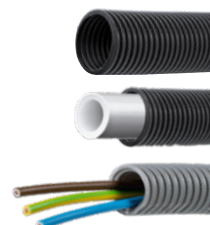
- For the reliable and fast cutting of many plastic corrugated pipes with the universal capacity range from Ø 13 to 32 mm
  - For corrugated plastic pipes with ridge widths of up to 2.7 mm
  - No damage to the internal cables or pipes
- > Simple insertion, reliable and easy cutting without waste
- > Precise cut without damage due to unique blade arrangement with side guide



90 22 02 SB: Practical locator simplifies the insertion of single conductors for stripping



90 22 02 SB



PART NO.:  
13 96 200

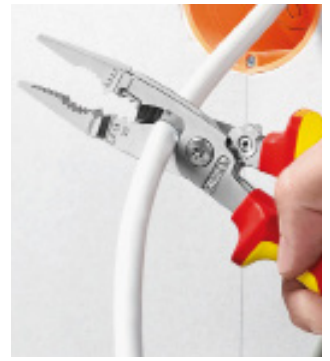


# Pliers for Electrical Installation

## Multi-tool

Other variants  
Page 54 **+**

- 6 functions in one pair of pliers: for gripping flat and round material, bending, deburring, cable cutting, stripping and crimping wire end ferrules



- Distinctive outer edge** for deburring and widening holes
- Smooth gripping surface** for gentle gripping, flattening, round shaping
- Profiled gripping surface** that is gentle on the material, flattened for stronger, low-damage gripping
- Pipe grip** round parts and cables
- Precision stripping holes** for copper conductors from 0.75 to 1.5 and 2.5 mm<sup>2</sup>
- Universal crimping nest** for wire end ferrules from 0.5 to 2.5 mm<sup>2</sup>
- Shear blade** for cutting copper cables up to Ø 15 mm (5 x 2.5 mm<sup>2</sup>)
- Integrated opening spring** keeps the activated pawl closed while the other functions are retained

PART NO.:  
13 76 200 ME



# KNIPEX WireStripper

## Metric version

- Versatile 5-in-1 combination pliers for electrical installation: cut cable, strip conductor, twist, deburr, grip



- Hybrid design** as flat as needle nose pliers, as wide as combination pliers for high stability with good accessibility
- Distinctive outer edge** for deburring plastic and aluminium conduits
- Pipe grip** round parts and cables
- Positioning bars** for faster stripping due to accurate positioning of the conductor
- Shear blade** for cutting copper cables up to Ø 15 mm (5 x 2.5 mm<sup>2</sup>)
- Cross-toothed gripping surfaces** for reliable gripping, holding and bending of flat and round material
- Milled gripping groove** for securely holding and pulling small workpieces such as nails, pins and bolts
- Gripping surface convex on one side** for secure gripping of flat material
- Precision stripping holes** for solid conductors from 0.75–6 mm<sup>2</sup> and fine-stranded conductors from 0.5–4 mm<sup>2</sup>



# KNIPEX StepCut®

PART NO.:  
95 16 160

## Cable Shears

Other variants  
Page 54 +

- Small, light, strong: comfortable cutting without crushing and just 160 mm in size
- Noticeably less effort: the gradations cut wires one after the other; cutting is up to 40% easier than with standard cable shears of the same length!
- Ergonomic handle design: optimal cutting feel even for larger cable diameters

- > Cuts multi-core stranded copper and aluminium cables up to  $\varnothing$  15 mm (50 mm<sup>2</sup>)
- > Cuts solid copper and aluminium cables up to 5 x 4 mm<sup>2</sup>



95 11 160



Stepped cutting edges prevent cables from slipping out



# KNIPEX StepCut® XL

PART NO.:  
95 18 225

## Cable Shears

Other variants  
Page 54 +

- With power 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



PART NO.:  
95 16 165



## Cable Shears

**Cable cutting with little effort**

Other variants  
Page 54

- Clean and smooth cut without crushing and deformation
  - Easy cutting with one-hand operation
  - Adjustable bolted joint, self-retaining screw
- > Cuts multi-core stranded copper and aluminium cables up to Ø 15 mm (50 mm<sup>2</sup>)
- > With guard



PART NO.:  
70 06 160



## Diagonal Cutter

**Optimised for everyday use**

Other variants  
Page 55

- Narrow head style for use in confined areas
- > The indispensable diagonal cutter for all-round use
- > High-quality material and precise workmanship for long service life
- > Precision cutting edges for soft and hard wire



Clean cutting of thin copper wires, also at the cutting edge tips

PART NO.:  
74 06 200

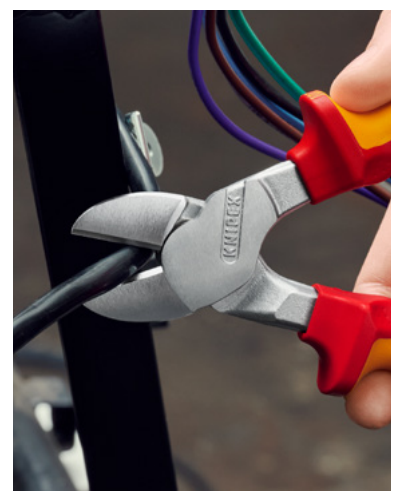


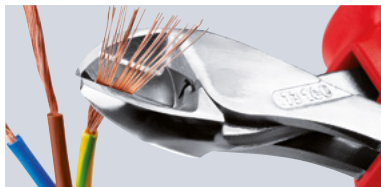
## High Leverage Diagonal Cutter

**For tough continuous use, especially in the electrical industry**

Other variants  
Page 55

- All-round performance: optimum combination of cutting power, durability and ergonomics
  - Cuts noticeably easier than conventional diagonal cutters of the same size due to the high-leverage joint
- > For very tough, continuous use
- > Enables more precise work thanks to handle sleeves closer to the joint
- > Precision cutting edges additionally induction-hardened (cutting edge hardness approx. 64 HRC) for all types of wire including piano wire





**40% ENERGY SAVING**

Compared to standard or classic side cutters. With double-bearing articulated axle.

# KNIPEX X-Cut®

## Compact Diagonal Cutter, high ratio

Other variants Page 55 +

- Cuts finest strands as well as multi-core cables and piano wires
  - Powerful, light and universal
- > High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio
  - > Box-joint design: highest stability with low weight
  - > Doubly supported joint axis for heavy duty
  - > Large opening width for thicker cables
  - > Cuts precisely, even through fine copper wires

PART NO.:  
73 06 160



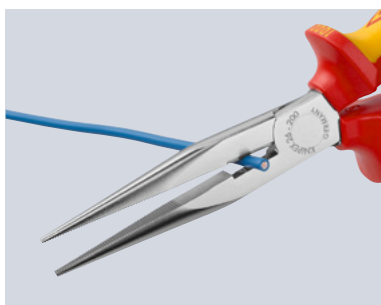
# Combination Pliers

## The all-purpose Pliers

Other variants Page 55 +

- > With gripping zones for flat and round material, suitable for versatile use
- > With cutting edges for soft and hard wire
- > Long cutting edges for thicker cables
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC

PART NO.:  
03 06 180



# Snipe Nose Side Cutting Pliers

## Stork Beak Pliers

Other variants Page 55 +

- Half-round, long, tapered jaws
  - Distortion-tolerant, elastic precision tips
  - Suitable for finer gripping and cutting work, even in areas that are easy to moderately difficult to access
- > With cutting edges for soft, medium-hard and hard wire
  - > Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC

PART NO.:  
26 16 200



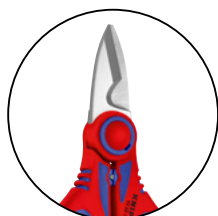
PART NO.:  
95 05 155 SB



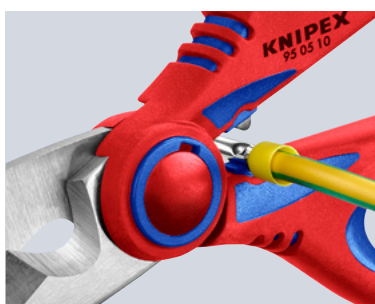
## Electricians' Shears

Other variants  
Page 56

- Precision finish with micro-toothing for a clean cut
  - Cutting edge with integrated cable cutter
  - With plastic belt pouch
- > Handles with mult-component grips, glass fibre reinforced
  - > Universal shears for electricians
  - > Cutting edges made from stainless steel, hardness of cutting edges 56 HRC
  - > Not suitable for cutting solid conductors
  - > With plastic belt pouch



95 05 10 SB



95 05 10 SB: quick and easy crimping



PART NO.:  
95 05 20 SB



## Angled Electricians' Shears

- 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



Practical belt pouch (00 19 75 LE) available separately



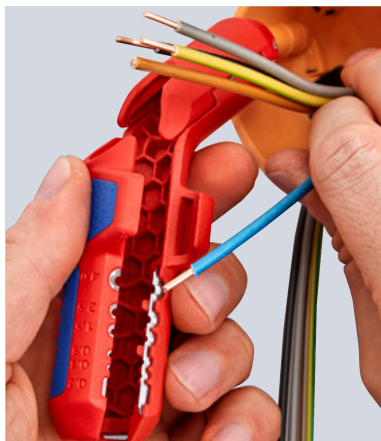
With fine serration for precise cutting ...



... and crimping function for common capacities



Stripping data cables



Wire stripping on single conductors

## KNIPEX ErgoStrip®

PART NO.:  
16 95 01 SB

### Universal Stripping Tool

- For fast and precise stripping of all common round and damp-proof installation cables (e.g. NYM cable 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup>), data cables (e.g. twisted pair) and coax cables
  - Innovative, ergonomic pistol grip design for easy cutting, stripping and longitudinal cut of the sheath
- > Conical, slimmed down tool ends for better access in confined areas
  - > Stripping device for cross-sections 0.2/0.3/0.8/1.5/2.5/4 mm<sup>2</sup>
  - > Simplified insertion of single wires for stripping using location ridges



With concealed cutter in overhanging thumb rest on the side for convenient lengthwise cut



16 85 125 SB: Stripping device for cross-sections 0.2/0.3/0.8/1.5/2.5/4 mm<sup>2</sup>; with integrated cable guide for longitudinal cutting

## Universal Stripping Tool

PART NO.:  
16 80 125 SB

- > For stripping all common round and damp-proof installation cables between Ø 8.0–13.0 mm (e.g. 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup>)
- > Also for use in conduit and distribution boxes
- > Double shell, folding back stripping tool
- > With opening spring and locking device
- > Practical clip for easy transport



16 85 125 SB



## Universal Stripping Tool

PART NO.:  
16 90 130 SB

### For building and industrial cables

- > Suitable for stripping and stripping all standard round and damp-proof cables from Ø 8.0 to 13.0 mm (e.g. NYM cable 3 x 1.5 mm<sup>2</sup> to 5 x 2.5 mm<sup>2</sup>)
- > Also for use in conduit and distribution boxes
- > Stripping device for conductors and strands 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>
- > For use in confined and difficult to access work areas
- > With opening spring and locking device



PART NO.:  
12 52 195



# KNIPEX PreciStrip16®

## Automatic Insulation Stripper

- Simple, precise stripping of fine wires and solid round cables with a wide capacity range from 0.08 to 16 mm<sup>2</sup> with only one pair of pliers
- Good grip provided by semi-circular grooved metal holding clamps; exact cut thanks to parabolic stripping blade
- An automatic system regulates the depth of the cut; the neutral point of the system can be adjusted in fine steps in special operating conditions (insulation material, temperature)

- > Additionally available: Blade block (12 49 32) for very hard halogen-free cables from 4–16 mm<sup>2</sup>
- > With adjustable length stop for precision work repeated accurately each time
- > With cable cutter on top for copper and aluminium conductors, flexible up to 16 mm<sup>2</sup> (AWG 6), solid up to 6 mm<sup>2</sup> (AWG 10)



With cable cutter on the top side for up to 16 mm<sup>2</sup>



For special requirements, such as particularly hard or soft insulation materials, optimum fine adjustments can be made using the adjusting wheel with its tactile locking positions

PART NO.:  
12 72 190



# KNIPEX NexStrip®

## Multi-Tool for Electricians

- Perfect crimping: fast and even square crimping for individual wire ferrules, the ratchet crimping mechanism guarantees the required crimping pressure
- Precise stripping: automatically adapts to the respective cable diameter and ensures consistent stripping lengths with the adjustable length stop especially with repetitive work
- Multi-component grips ensure non-slip, comfortable handling

- > Fast, precise square crimping of individual wire end ferrules to DIN 46228 Part 1 + 4, self-adjusting between 0.25–4 mm<sup>2</sup> / 2 x 2.5 mm<sup>2</sup> – allows quick changeover between various sizes
- > Stripping with fine adjustment – for optimum adaptation to special materials or temperature conditions for flexible and solid conductors between 0.03–10 mm<sup>2</sup> (AWG 32–8)



2x2.5 mm<sup>2</sup>    4 mm<sup>2</sup>    2.5 mm<sup>2</sup>    0.5 mm<sup>2</sup>    0.25 mm<sup>2</sup>



Adjustable length stop



## KNIPEX EvoStrip

### Various single-layer insulated conductors – stripping pliers

- > Stripping from 0.03 to 10.0 mm<sup>2</sup>
- > For single, multiple and fine stranded conductors with plastic or rubber insulation
- > Adapts automatically to the respective cable cross-section; prevents damage to the conductor
- > With cable cutter for copper and aluminium wires, multiple stranded up to 10 mm<sup>2</sup> and single stranded up to 6 mm<sup>2</sup>
- > For thin ribbon cables up to 10.0 mm width in a single pass
- > Adjustable cutting depth for different insulation materials

PART NO.:  
12 40 200



## KNIPEX ComStrip

### Compact Wire Stripper

- Strips cables with standard materials without any need for manual adjustment
  - Fine adjustable zero correction of the blade setting to special material requirements, e.g. due to large temperature differences
  - Compact, handy and lightweight tool for common cable cross-sections and insulating materials
- > For single, multiple and fine stranded cables of 0.2 up to 6 mm<sup>2</sup> with standard insulation
  - > With cable cutter for copper and aluminium conductors up to max. 2.5 mm<sup>2</sup> solid, max. 6 mm<sup>2</sup> flexible

PART NO.:  
12 62 180



## Automatic Stripping Pliers

### Adapts automatically and securely to cable diameter

- For control and sensor cables / actuator cables, also for stripping flexible feeding and extension cables
  - Automatic adaptation to cables from Ø 4.4 mm to Ø 7 mm
  - No damage to the inner conductor or shield braid
- > For oil-resistant and halogen-free control and sensor/actuator cables with multi-core cable construction
  - > Suitable for highly flexible TPE-U cables, PUR and PVC

PART NO.:  
12 74 180



PART NO.:  
**97 33 02**



## KNIPEX MultiCrimp

### Crimping Pliers with changer magazine

- Just one tool to cover standard crimping applications
  - Quick and easy change of crimping dies without additional tools
- > Safe, protected storage for interchangeable inserts in a rotary magazine
- > Comfortable, powerful crimping pliers in professional quality
- > Same reliable crimping results as with fixed crimping dies



**97 33 03 inc. 97 39 42**  
Available with crimping die for MC4® and MC4® Evo 2 connectors



The space, cost and weight-saving crimping tool for installation and repair work. Now professionals only need one tool instead of five as before.



PART NO.:  
**97 53 04**

## Self-Adjusting Crimping Pliers for wire ferrules

### With lateral access

- > For wire ferrules up to 16 mm<sup>2</sup>
- > Adjusts automatically to the wire ferrule size for precise and quick crimping
- > Crimping of wire ferrules according to DIN 46228 parts 1+4
- > UL approval in conjunction with KNIPEX wire end ferrules 97 99 330–399
- > Repetitive, high crimping quality due to ratchet mechanism (unlockable)



**97 53 14**



Crimping capacity can be switched over simply from 10 mm<sup>2</sup> to 16 mm<sup>2</sup>



97 53 14: The crimping pliers can be set to large wire end ferrules of 16 mm<sup>2</sup> or 2 x 10 mm<sup>2</sup> using the adjusting wheel



Crimp head can be rotated 360° for optimal accessibility, even in confined spaces

## KNIPEX Twistor16®

### Self-adjusting Crimping Pliers for wire ferrules with rotatable crimp head

- Crimp head can be rotated 360°, with 8 locking positions
  - Square crimp profile, high capacity range from 0.14 to 16 mm<sup>2</sup>
  - Wire ferrules can be crimped from almost any working position
- > Crimping pliers adjust automatically to different cross-sections  
 > Crimp opening accessible from both sides, extra-long wire ferrules can be fed in  
 > Crimping of Twin wire ferrules up to 2 x 6 mm<sup>2</sup> possible

PART NO.:  
97 53 18



Uniquely flexible: connectors can be inserted in the rotatable crimp head from almost any position



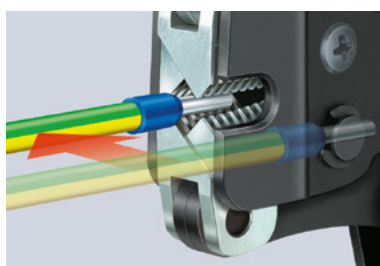
Square crimp with automatic size adjustment

## Self-Adjusting Crimping Pliers for wire ferrules

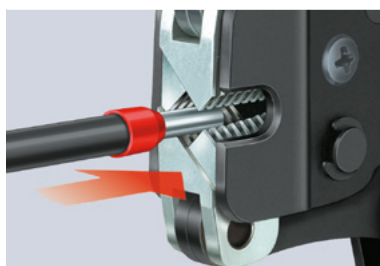
### Front loading

- > For crimping wire ferrules according to DIN 46228 parts 1 + 4
- > Self-adjusting adaptation to the desired wire ferrule size: no wrong crimps caused by using the wrong die
- > Frontal insertion of the wire ferrules into the pliers
- > Repetitive, high crimping quality due to ratchet mechanism (unlockable)
- > Precise, factory-set (calibrated) crimping pressure, can be re-adjusted
- > High crimping force due to efficient lever action
- > Handy shape and low weight provide high operation comfort
- > Approved crimping according to UL in conjunction with KNIPEX wire ferrules 97 99 330–399
- > Compression from 0.08–10 and 16 mm<sup>2</sup> in one profile
- > With selector lever for setting the crimping area either to 0.08–10 mm<sup>2</sup> or 16 mm<sup>2</sup>

PART NO.:  
97 53 09



Insertion of wire end ferrules parallel from the side up to 2.5 mm<sup>2</sup>, e.g. in confined spaces



Front loading of wire ferrules e.g. in switchboards

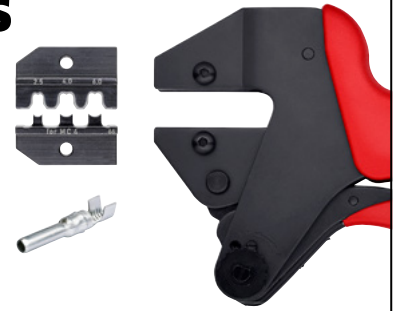
PART NO.:  
97 43 66



## Crimp System Pliers MC4®

**For interchangeable crimping dies  
For MC4® Multi-Connect connectors  
(up to 6 mm<sup>2</sup>)**

- Just one tool for almost 1000 crimping applications: can be used with all crimping dies and terminals
- > With attached crimping dies for MC4® photovoltaic cable connectors (2.5/4/6 mm<sup>2</sup>)
- > The optionally available contact holders 97 49 66 1 for MC4® and 97 49 66 1 EVO for MC4® Evo 2 make it easier to guide the contacts during the crimping process
- > Almost parallel crimping motion
- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Precise, factory-set (calibrated) crimping pressure, can be re-adjusted



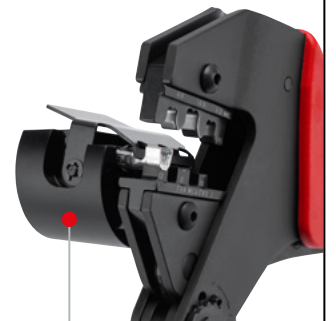
PART NO.:  
97 43 66 EVO



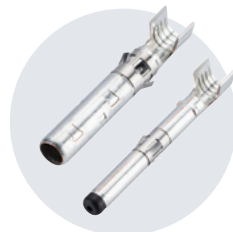
## Crimp System Pliers MC4® EVO 2

**For interchangeable crimping dies  
For MC4® Evo 2 multi-connect  
connectors (up to 10 mm<sup>2</sup>)**

- Specially modified system pliers: optimised for MC4® Evo 2 connectors in 4/6/10 mm<sup>2</sup>
- Professional standard for large photovoltaic installations
- > The optionally available contact holders 97 49 66 1 for MC4® and 97 49 66 1 EVO for MC4® Evo 2 make it easier to guide the contacts during the crimping process
- > Almost parallel crimping motion
- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Precise, factory-set (calibrated) crimping pressure, can be re-adjusted



The included locator ensures exact positioning of the connectors during crimping



MC4® Eco 2 connectors: durable for larger solar installations



# KNIPEX PreciForce

PART NO.:  
97 52 42

## Crimping Pliers for MC4®/MC4® Evo 2 photovoltaic connectors with 4/6 mm<sup>2</sup>

- For the installation of PV systems with MC4® and MC4® Evo 2 connectors
  - With improved crimp geometry for very good conductivity
  - For installations on residential and industrial buildings or on isolated systems such as mobile homes
  - Precise, factory calibrated crimping pressure
- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
  - > High crimping force due to efficient lever action
  - > Good handling due to favourable handle position, low weight, short design and ergonomically shaped handles
  - > Crimping die is not exchangeable



Precise cutting of the insulation to a complete extent



Positive stripping thanks to precise shape of the blades

# Precision Insulation Strippers

PART NO.:  
12 12 11

## For photovoltaics with adapted blades 1.5/2.5/4/6 mm<sup>2</sup>

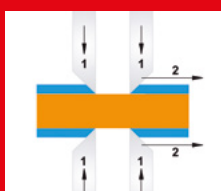
Other variants  
Page 59 **+**

- > Form-fit stripping of difficult-to-remove insulating materials made of PTFE, silicone, Radox®, Kapton® and rubber; multi-layer too
- > A second pair of blades holds the remaining insulation reliably in place
- > Replaceable shaped blade adapted precisely to the respective conductor cross-section
- > With length stop for constant stripping length during repetitive work
- > For solar cables, specially adapted to multi-layered and Radox® insulations
- > With additional cable support for a better centring of multi-layer insulated conductors in the stripping profiles



### PRECISELY AND RELIABLY

Two pairs of blades (1) cut the insulation around the entire circumference. Then the blade pairs separate, and the insulation is removed (2). The pliers open automatically after the stripping process.



PART NO.:  
**97 52 38**

# KNIPEX PreciForce

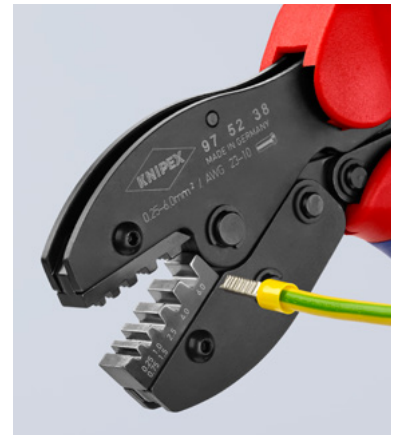
**Crimping Pliers for insulated and uninsulated wire end ferrules**

**Other variants**  
**Page 59** **+**

- For 0.25 – 6.0 mm<sup>2</sup>
- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Precise, factory calibrated crimping pressure
- > High crimping force due to efficient lever action
- > Good handling due to favourable handle position, low weight, short design and ergonomically shaped handles



The ratchet crimping mechanism automatically opens the pliers once the optimum crimping pressure has been reached



Consistently high crimp quality due to precision dies and unlockable ratchet mechanism



Precise, factory calibrated crimping pressure and can be adjusted

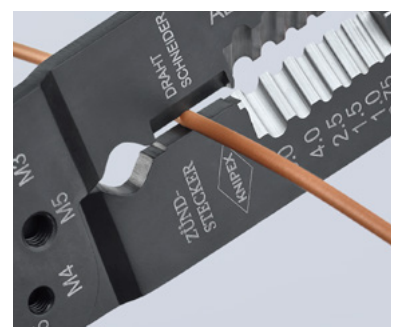
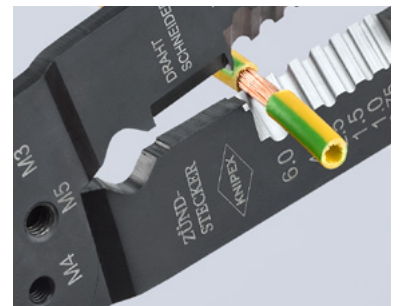
PART NO.:  
**97 21 215**

# Crimping Pliers

**For insulated and uninsulated cable connectors**

**Other variants**  
**Page 59** **+**

- For 0.5 – 6.0 mm<sup>2</sup>
- > For cutting cables, stripping wire and crimping insulated terminals and heat shrinkable sleeve connectors
- > With threaded holes for cutting copper and brass screws threaded M 2.6 / M 3 / M 3.5 / M 4 and M 5
- > Bolted joint for higher stability and even movement





# Crimping Pliers for wire ferrules

PART NO.:  
97 78 180

With mandrel crimp

Other variants  
Page 59 +

- Light and slim design
  - Easy crimping due to optimised transmission ratio
- > For crimping wire ferrules according to DIN 46228 parts 1 + 4 from 0.25 to 16 mm<sup>2</sup>
- > Crimping in marked half-round dies for reliable connections between the sleeve and the conductor
- > 9 particularly deep dies with conical side faces



## THE WHOLE KNIPEX WORLD IN YOUR HANDS!

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TOOLFINDER



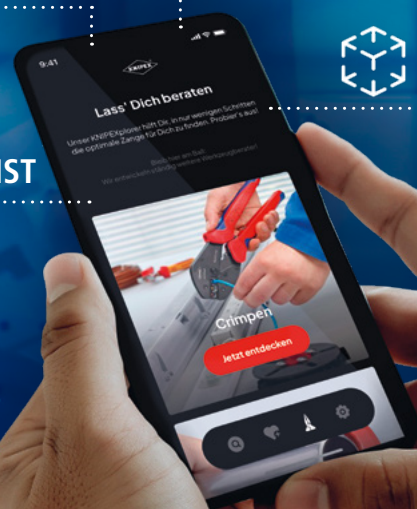
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# PRODUCT FINDER

## FOR TOOL TRANSPORT

Different jobs require different solutions for carrying your tools, whether you need just a few or a full set. The most important features at a glance:



**Tool backpack  
"Modular X18"**













**Tool Case  
"Basic"**



**Tool Case  
"BIG Basic Move"**



**Tool Case  
"BIG Twin"**

Part No.	00 21 50 LE	00 21 05 LE	00 21 06 LE	00 21 42 LE
<b>Interior dimensions</b> W x D x H mm	340 x 190 x 470	440 x 350 x 180	480 x 350 x 200	490 x 370 x 110/100
<b>External dimensions</b> W x D x H mm	370 x 210 x 530	465 x 410 x 200	515 x 430 x 280	520 x 435 x 250
<b>Plug-in options</b> Pieces	58	41	54	95
<b>Capacity</b> l	18	27	33	38
<b>Max. payload</b> kg	15	15	20	25
<b>Weight</b> g	2,900	4,500	6,200	7,200
<b>Special features</b>	  	 	  	 





**Tool Case  
"BIG Twin Move"**



**Tool Case  
"Robust23"**



**Tool Case  
"Robust26 Move"**



**Tool Case  
"Robust34"**



**Tool Case  
"Robust45 Move"**



**KNIPEX  
L-BOXX®**

00 21 41 LE	00 21 35 LE	00 21 33 LE	00 21 36 LE	00 21 37 LE	00 21 19 LB
490 x 370 x 110/100	445 x 315 x 165	510 x 295 x 190	485 x 370 x 190	550 x 370 x 225	375 x 311 x 107
520 x 435 x 290	470 x 370 x 185	550 x 350 x 225	510 x 425 x 220	610 x 430 x 265	442 x 357 x 151
95	49	80	93	147	48
38	23	26.4	34	45	14.7
30	25	25	25	35	25
8,600	4,800	7,000	7,100	9,940	2,965

PART NO.:  
00 21 50 S

# Tool Backpack "Modular X18" Plumbing

17 parts

- Equipped with 12 KNIPEX tools, 17 branded tools in total
- A total of 58 plug-in options
- Max. payload: 15 kg
- Volume: 18 litres



High-quality branded tools from     

# Tool Case "Robust26 Move" Plumbing

PART NO.:  
00 21 33 S

## 17 parts

- Equipped with 12 KNIPEX tools, a total of 17 brand tools, partly VDE-tested according to DIN EN 60900
- A total of 80 plug-in options
- Max. payload: 25 kg
- Volume: 26,4 litres



High-quality branded tools from    STABILA  

# Tool Case "BIG Basic Move" Plumbing

PART NO.:  
00 21 06 HK S

## 31 parts

- Equipped with four KNIPEX tools, a total of 31 brand tools, partly VDE-tested according to DIN EN 60900
- A total of 54 plug-in options
- Max. payload: 20 kg
- Volume: 33 litres



High-quality branded tools from   JOSEF HAUNSTETTER     STABILA  

PART NO.:  
00 21 19 LB S

# KNIPEX L-BOXX® Plumbing

52 parts

- Equipped with 13 KNIPEX tools, a total of 52 brand tools, partly VDE-tested according to DIN EN 60900
- A total of 48 plug-in options
- Max. payload: 25 kg
- Volume: 14,7 litres



High-quality branded tools from      STABILA  ZENTEN

PART NO.:  
00 21 21 HK S

# Tool Case "Vision27" Plumbing

52 parts

- Equipped with 52 brand quality tools, some VDE tested according to DIN EN 60900
- A total of 21 plug-in options
- Max. payload: 20 kg
- Volume: 27 litres



High-quality branded tools from      STABILA  ZENTEN

# Tool Case for Photovoltaics

PART NO.:  
97 91 01

Other variants  
Page 62



- Equipped with tools for photovoltaics
  - With Precision Insulation Stripper 12 12 11 with adapted blades for smaller stripping capacities of 1.5/2.5/4.0/6.0 mm<sup>2</sup>
  - Cable shears 95 16 165 for copper cables up to Ø 15 mm
- > With crimping system pliers 97 43 200 A for interchangeable crimping dies; crimping pressure is precisely set at the factory (calibrated)
- > Without crimping dies – for customised assembly - please order separately (see item no. 97 49..)
- > Assembly tool (Allen key) for changing the crimping dies
- > Foam insert with recesses for holding the tools, for 2 crimping dies (not included) and 2 positioning aids



Content: 97 91 01



Content: 97 91 03

# Tool Case for Photovoltaics MC4<sup>®</sup>

PART NO.:  
97 91 04 V01

Other variants  
Page 63



- Equipped with tools for photovoltaics
- > With crimping 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
- > With assembly tool set 97 49 66 2 for tightening and loosening the cable gland on MC4<sup>®</sup> solar connectors and loosening the locking mechanism on MC4<sup>®</sup> housings
- > Foam insert with recesses for tools, 2 crimping dies and 2 locators



Content: 97 91 04 V01



Content: 97 91 04 V02

PART NO.:  
00 19 55 S4



## Pliers Wrench Set

All-purpose tool in a set: pliers in space-saving roll-up bag

Other variants  
Page 63



00 19 55 S6



00 19 55 S7

PART NO.:  
00 19 55 S5



## KNIPEX Cobra® Set

High-Tech Water Pump Pliers in a set: pliers in space-saving roll-up bag

Other variants  
Page 64



00 19 55 S8



00 19 55 S9

PART NO.:  
00 20 72 V04 XS



## Mini Pliers Set XS

in a belt tool pouch

PART NO.:  
00 20 72 V01



## Mini Pliers Set

in a belt tool pouch

Other variants  
Page 64



00 20 72 V02



00 20 72 V04



00 20 72 V06

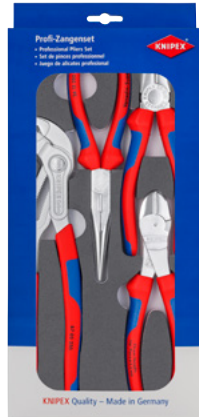
# Pliers Set

PART NO.:  
00 20 01 V17

In foam insert

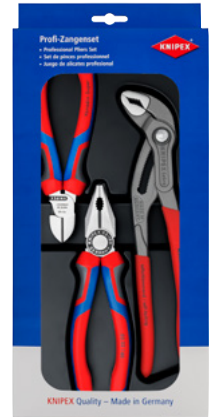
Other variants  
Page 65 **+**

- > In a foam tray for workbenches and tool trolleys
- > Clearly organised storage of tools
- > Precisely-sized recesses for holding the pliers



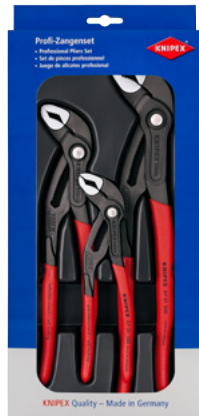
# Best Seller Set

PART NO.:  
00 20 09 V01



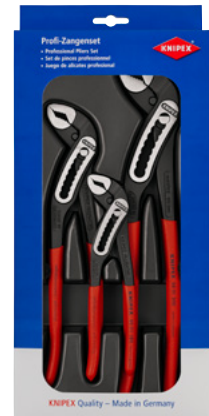
# KNIPEX Cobra® Set

PART NO.:  
00 20 09 V02



# KNIPEX Alligator® Set

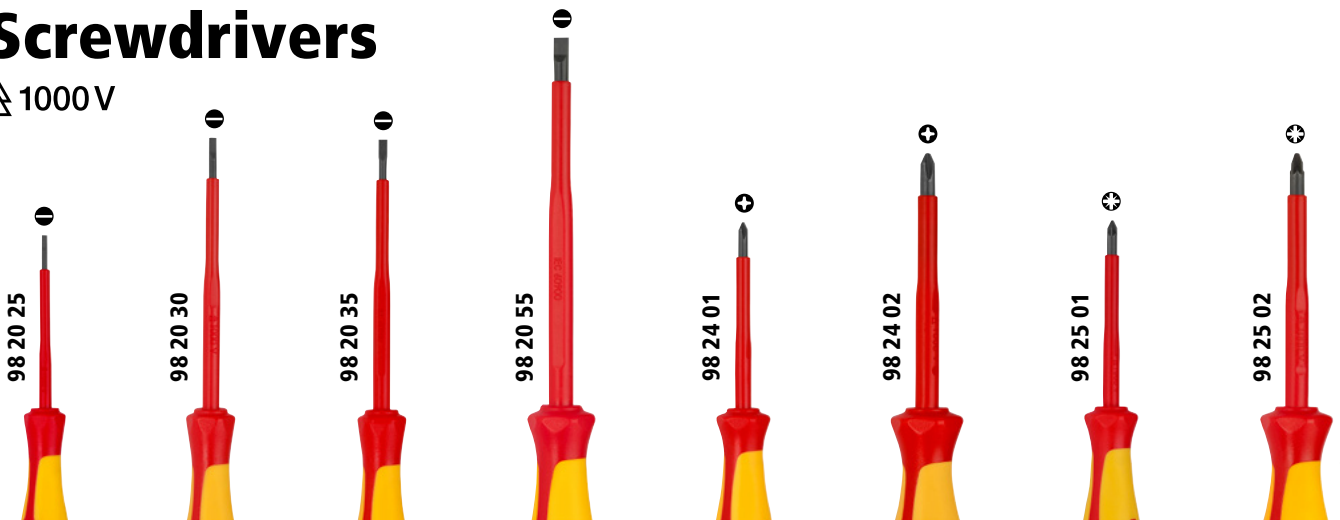
PART NO.:  
00 20 09 V03



## THE BEST COMBINATION: HIGH-QUALITY SCREWDRIVERS FOR YOUR PROJECT

# Screwdrivers

⚡ 1000V



# OVERVIEW

## PRODUCT INFORMATION



### Pliers Wrench – Page 7

Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	 Inch	 mm	Adjustment positions	 g	
86 01 180	084273	180	grey atramentized	polished	with non-slip plastic coating	1 1/2	40	15	230	
86 01 250	082385	250	grey atramentized	polished	with non-slip plastic coating	2	52	19	465	
86 01 300	084662	300	grey atramentized	polished	with non-slip plastic coating	2 1/2	68	24	645	
86 03 125	077497	125	chrome-plated	chrome-plated	plastic coated	7/8	23	11	105	
86 03 150	069676	150	chrome-plated	chrome-plated	plastic coated	1	27	14	175	
86 03 180	035466	180	chrome-plated	chrome-plated	plastic coated	1 1/2	40	15	230	
86 03 250	033837	250	chrome-plated	chrome-plated	plastic coated	2	52	19	465	
86 03 300	041429	300	chrome-plated	chrome-plated	plastic coated	2 1/2	68	24	656	
86 09 180 V01	085805	3 pairs of plastic jaws for all 86 XX 180er models (models from 2019)								11
86 09 250 V01	084143	3 pairs of plastic jaws for all 86 XX 250er models (models from 2018)								14
86 09 300 V01	085812	3 pairs of plastic jaws for all 86 XX 300er models (models from 2020)								15

### Pliers Wrench XS (PATENTED) – Page 10

Part No.	EAN 4003773-	↔ mm	Pliers	Handle	 Inch	 mm	Adjustment positions	 g
86 04 100	087281	100	chrome-plated	embossed, rough surface	3/4	21	10	70

### Pliers Wrench XL – Page 7

Part No.	EAN 4003773-	↔ mm	Pliers	Handle	 Inch	 mm	Adjustment positions	 g
86 03 400	077312	400	chrome-plated	plastic coated	3 3/8	85	25	1460

### KNIPEX Cobra® – Page 9



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	 Ø Inch	 Ø mm	 mm	Adjustment positions	 g
87 01 125	069935	125	grey atramentized	polished	with non-slip plastic coating	1	30	27	13	85
87 01 150	060116	150	grey atramentized	polished	with non-slip plastic coating	1 3/8	36	30	16	145
87 01 180	022015	180	grey atramentized	polished	with non-slip plastic coating	1 1/2	42	36	18	170
87 01 250	022022	250	grey atramentized	polished	with non-slip plastic coating	2	50	46	25	335
87 01 300	034087	300	grey atramentized	polished	with non-slip plastic coating	2 3/4	70	60	30	530
87 03 125	073949	125	chrome-plated	chrome-plated	with non-slip plastic coating	1	29	27	13	85
87 03 180	005667	180	chrome-plated	chrome-plated	with non-slip plastic coating	1 1/2	42	36	18	175
87 03 250	043805	250	chrome-plated	chrome-plated	with non-slip plastic coating	2	50	46	25	335
87 03 300	041382	300	chrome-plated	chrome-plated	with non-slip plastic coating	2 3/4	70	60	30	530
87 09 180 V01	088066	3 pairs of plastic jaws for all 87 XX 180er models (models from 2010)								12
87 09 250 V01	088073	3 pairs of plastic jaws for all 87 XX 250er models (models from 2007)								15
87 09 300 V01	088080	3 pairs of plastic jaws for all 87 XX 300er models (models from 2008)								33

### KNIPEX Cobra® XS (PATENTED) – Page 10

Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	 Ø Inch	 Ø mm	 mm	Adjustment positions	 g
87 00 100	085836	100	grey atramentized	polished	embossed, rough surface	1	28	24	11	62

## KNIPEX Cobra® XL/XXL – Page 9



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	∅ Inch	∅ mm	mm	Adjustment positions	⚖ g
87 01 400	005636	400	grey atramentized	polished	with non-slip plastic coating	3 1/2	90	95	27	1190
87 01 560	044321	560	grey atramentized	polished	with non-slip plastic coating	4 1/2	115	120	20	2780

## KNIPEX Cobra® QuickSet (PATENTED) – Page 11



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	∅ Inch	∅ mm	mm	Adjustment positions	⚖ g
87 21 250	072775	250	grey atramentized	polished	with non-slip plastic coating	2	50	46	25	335
87 21 300	078524	300	grey atramentized	polished	with non-slip plastic coating	2 3/4	70	60	25	530
87 22 250	077794	250	grey atramentized	polished	with slim multi-component grips	2	50	46	25	366
87 29 01	079002	Assortment of spare parts 87 2X 250								
87 29 300	084570	Assortment of spare parts 87 21 300								

## KNIPEX Cobra® ES – Page 11



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	∅ Inch	∅ mm	mm	max. parallel opening width mm	max. gripping depth mm	Adjustment positions	⚖ g
87 51 180	088981	180	grey atramentized	polished	with non-slip plastic coating	1 1/4	32	32	30	37	18	176
87 51 250	061267	250	grey atramentized	polished	with non-slip plastic coating	1 1/2	40	36	37	45	25	342
87 09 01	074724	Range of spare parts adjustment for 86/87 XX 250/300 (without 87 2X XXX)										

## KNIPEX SmartGrip – Page 11



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	∅ Inch	∅ mm	mm	Adjustment positions	⚖ g
85 01 250	061304	250	grey atramentized	polished	with plastic sleeves	1 1/4	32	36	36	370

## KNIPEX Alligator® – Page 12



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	∅ Inch	∅ mm	mm	Adjustment positions	⚖ g
88 01 180	035480	180	black atramentized	polished	with non-slip plastic coating	1 1/2	42	36	9	180
88 01 250	022992	250	black atramentized	polished	with non-slip plastic coating	2	50	46	9	331
88 01 300	034094	300	black atramentized	polished	with non-slip plastic coating	2 3/4	70	60	9	511
88 03 180	042860	180	chrome-plated	chrome-plated	with non-slip plastic coating	1 1/2	42	36	9	181
88 03 250	005742	250	chrome-plated	chrome-plated	with non-slip plastic coating	2	50	46	9	319

## KNIPEX Alligator® XL – Page 12



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	∅ Inch	∅ mm	mm	Adjustment positions	⚖ g
88 01 400	075844	400	black atramentized	polished	with non-slip plastic coating	3 1/2	90	95	11	1175

## Siphon and Connector Pliers – Page 13



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Clamping range Ø mm	Adjustment positions	⚖ g
81 01 250	078463	250	black atramentized	polished	with non-slip plastic coating	25–80	25	355
81 03 250	078487	250	chrome-plated	polished	with non-slip plastic coating	25–80	25	355
81 11 250	078470	250	black atramentized	polished	with non-slip plastic coating	10–75	25	345
81 13 250	078494	250	chrome-plated	chrome-plated	with non-slip plastic coating	10–75	25	345
87 09 01	074724	Range of spare parts adjustment for 86/87 XX 250/300 (without 87 2X XXX)						
81 19 250 V01	086567	2 pairs of plastic inserts 1K for 81 11 250/81 13 250						
81 19 250 V02	086550	2 pairs of plastic inserts 2K for 81 11 250/81 13 250						

## KNIPLEX TwinGrip – Page 13



Part No.	EAN 4003773-	↔ mm	Pliers	Handle	⊘ Inch	⊘ mm	⊘ Inch	⊘ mm	Adjustment positions	⚖ g
82 01 150	089353	150	grey atramentized	with non-slip plastic coating	1/8–5/8	3–16	1/8–5/8	3–16	3	130
82 01 200	087243	200	grey atramentized	with non-slip plastic coating	5/32–7/8	4–22	5/32–7/8	4–22	5	236
82 01 250	089377	250	grey atramentized	with non-slip plastic coating	3/16–1 1/16	5–27	3/16–1 1/16	5–27	7	361
82 150 E01	092148	Range of spare parts adjustment for 82 150								
82 200 E01	087632	Range of spare parts adjustment for 82 200								
82 250 E01	092131	Range of spare parts adjustment for 82 250								

## Needle-Nose Combination Pliers (PATENTED) – Page 14



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Cutting capacities				⚖ g
						⊘ mm	⊘ mm	⊘ mm	mm <sup>2</sup>	
08 21 145	078951	145	black atramentized	polished	plastic coated	3	2	8	16	116
08 21 185	088325	185	black atramentized	polished	plastic coated	3.8	3	13	25	213

## Long Reach Needle Nose Pliers – Page 14



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	⚖ g
28 71 280	079415	280	⊖ black atramentized	polished	plastic coated	235

## Pipe Wrench 90° – Page 14



Part No.	EAN 4003773-	↔ mm	Pliers	⊘ Inch	⊘ mm	⊘ Inch	⚖ g
83 10 010	014188	310	∠90°	1 5/8	42	1	779
83 10 015	014195	420	∠90°	2 3/8	60	1 1/2	1415
83 10 020	014201	560	∠90°	2 3/4	70	2	2600

## Pipe Wrench 45° – Page 14



Part No.	EAN 4003773-	↔ mm		Pliers	∅ Inch	∅ mm	Inch	g
83 20 010	014218	320		red powder-coated	1 5/8	42	1	817
83 20 015	014225	430		red powder-coated	2 3/8	60	1 1/2	1408
83 20 020	014232	570		red powder-coated	2 3/4	70	2	2596

## Pipe Wrench S-Type – Page 14



Part No.	EAN 4003773-	↔ mm		Pliers	∅ Inch	∅ mm	Inch	g
83 30 010	014249	320		red powder-coated	1 5/8	42	1	836
83 30 015	014256	420		red powder-coated	2 3/8	60	1 1/2	1540
83 30 020	014263	570		red powder-coated	2 3/4	70	2	2669

## S-Type Pipe Wrench with fast adjustment (PATENTED) – Page 14



Part No.	EAN 4003773-	↔ mm	Pliers	Handle	∅ Inch	∅ mm	Inch	g
83 60 010	075424	330		red powder-coated	1 5/8	42	1	898
83 60 015	075677	420		red powder-coated	2 3/8	60	1 1/2	1470
83 60 020	078838	560		red powder-coated	2 3/4	70	2	2366
83 61 010	077602	330		grey powder-coated plastic coated	1 5/8	42	1	930
83 61 015	077619	420		grey powder-coated plastic coated	2 3/8	60	1 1/2	1523
83 61 020	078876	560		grey powder-coated plastic coated	2 3/4	70	2	2456

## KNIPEX TwinKey® (PATENTED) – Page 15



Part No.	EAN 4003773-	↔ mm	∅ mm	∅ mm	∅ mm	∅ mm	∅ mm	g
00 11 01	074670	92	3–5	5/6–7/8–9/10–11	7–8/9–10/11–12	6–10	6	135

## KNIPEX CutiX (PATENTED) – Page 15



Part No.	EAN 4003773-	↔ mm	g
90 10 165 BK	087533	165	111
90 10 165 E01	087557	Stabilising rail for 90 10 165 BK	
90 10 165 E02	088219	Replacement blades for 90 10 165 BK (10x)	

## KNIPEX CoBolt – Page 15



Part No.	EAN 4003773-	↔ mm	Pliers	Handle	Cutting capacities				g
					∅ mm	∅ mm	∅ mm	∅ mm	
71 01 160	082668	160		black atramentized plastic coated	5.3	4.4	3.2	3	200
71 01 200	033165	200		black atramentized plastic coated	6	5.2	4	3.6	335

## KNIPEX TubiX® S – Page 19



Part No.	EAN 4003773-	↔ mm	Cutting capacities Ø Inch	Cutting capacities Ø mm	g
90 31 01	090038	77	1/8 – 1 1/8	3–30	261
90 39 02 V01	085874	Cutting wheel for stainless steel and copper			
90 39 02 V03	086307	5 x cutting wheel for stainless steel and copper			

## KNIPEX TubiX® – Page 19



Part No.	EAN 4003773-	↔ mm	Cutting capacities Ø Inch	Cutting capacities Ø mm	g
90 31 02 BK	084686	180	1/4 – 1 3/8	6–35	375
90 39 02 V01	085874	Cutting wheel for stainless steel and copper			
90 39 02 V02	085881	Replacement deburrer for 90 31 02			
90 39 02 V03	086307	5 x cutting wheel for stainless steel and copper			

## KNIPEX TubiX® XL – Page 19



Part No.	EAN 4003773-	↔ mm	Cutting capacities Ø Inch	Cutting capacities Ø mm	g
90 31 03 BK	088127	260	1/4–3	6–76	865
90 31 03 E01	088134	Replacement deburrer for 90 31 03			
90 39 02 V01	085874	Cutting wheel for stainless steel and copper			
90 39 02 V03	086307	5 x cutting wheel for stainless steel and copper			

## KNIPEX BiX (PATENTED) – Page 21



Part No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm	g
90 22 10 BK	087311	72	20–56	70
90 22 10 E01	087564	Set of 8 replacement blades for 90 22 10 BK		

## KNIPEX DP50 – Page 22



Part No.	EAN 4003773-	↔ mm	Ø mm	g
90 23 01 BK	087809	165	32/40/50	295
90 23 01 E01	088103	Double-sided spare blade for 90 23 01		
90 23 01 E02	088110	Quick-change axle for 90 23 01		

## Pipe Cutter for composite and plastic pipes – Page 23



Part No.	EAN 4003773-	↔ mm	Tools	Handle	Cutting capacity composite pipe max. Ø mm	g	
90 25 25	088714	210	MM	chrome-plated	with multi-component handles	26	391
90 25 25 E01	088806	Spare cutting wheel for 90 25 25					

## Pipe Cutter for composite and plastic pipes – Page 24



Part No.	EAN 4003773-	↔ mm		Handle	Cutting capacities max. Ø mm	⚖ g
90 25 185	084839	185	⌘	glass fibre reinforced plastic handles	25	175
90 29 01	031932	Spare blade for 90 25 20/90 10 185/90 25 185				

## Pipe Cutter for composite and plastic pipes – Page 24



Part No.	EAN 4003773-	↔ mm	Tools	Handle	Cutting capacities max. Ø mm	Blade length mm	⚖ g	
90 25 40	045182	210	⌘	chrome-plated	with multi-component handles	40	40	500
90 29 40	045199	Spare blade for 90 25 40						

## Pipe Cutter for composite pipes and protective tubes – Page 24



Part No.	EAN 4003773-	↔ mm	Tools	Handle	Cutting capacities		Blade length mm	⚖ g	
					Composite pipes max. Ø mm	Protective pipes Ø mm			
90 25 20	046004	210	⌘	chrome-plated	with multi-component handles	26	18–35	25	318
90 29 01	031932	Spare blade for 90 25 20/90 10 185/90 25 185							
90 29 02	031949	1 pair of replacement blades for 90 25 20 (protective pipes) old model							
90 25 20 E01	089117	1 pair of replacement blades for 90 25 20 (protective pipes) new model							
90 29 15	031956	Calibration mandrel for 90 25 20 (Geberit pipes)							

## Pipe Cutter for plastic pipes – Page 25



Part No.	EAN 4003773-	↔ mm	Body	Cutting capacities Ø mm	Blade length mm	⚖ g	
94 10 185	047025	185	⌘	die-cast aluminium body, red lacquered	6–35	35	583
94 19 185	047032	Spare blade for 94 10 185					
94 19 185 02	053804	Torsion spring for 94 10 185					

## KNIPEX PlastiCut® – Page 25



Part No.	EAN 4003773-	↔ mm	Handle	Cutting capacities max. Ø mm	⚖ g	
90 20 185	067122	185	⌘	glass fibre reinforced plastic handles	25	172
90 29 185	067139	Spare blade for 90 20 185				

## KNIPEX TwistCut® (PATENTED) – Page 25



Part No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm	Stripping value conductor and stranded wire mm <sup>2</sup>	⚖ g	
90 22 01 SB	082286	100	⌘	13–32	47	
90 22 02 SB	082293	100	⌘	13–32	0.2–4	47

## Pliers for Electrical Installation (PATENTED) – Page 26



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Cutting capacities		Stripping capacity for single strands mm	Crimping capacities mm <sup>2</sup>	g	
						∅ mm	mm <sup>2</sup>				
13 82 200	075080	200		black atra-mentized	polished	with multi-component handles	15	50	0.75–1.5/2.5	0.5–2.5	266
13 86 200	075097	200		chrome-plated	chrome-plated	insulated with multi-component handles, VDE-tested	15	50	0.75–1.5/2.5	0.5–2.5	272
13 92 200	075103	200		black atra-mentized	polished	with multi-component handles	15	50	0.75–1.5/2.5	0.5–2.5	266
13 96 200	075110	200		chrome-plated	chrome-plated	insulated with multi-component handles, VDE-tested	15	50	0.75–1.5/2.5	0.5–2.5	276

## KNIPEX WireStripper (Metric version) (PATENTED) – Page 26



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Cutting capacities			
						∅ mm	mm <sup>2</sup>	g	
13 76 200 ME	088943	200		chrome-plated	chrome-plated	insulated with multi-component handles, VDE-tested	15	50	290

## KNIPEX StepCut® (PATENTED) – Page 27



Part No.	EAN 4003773-	↔ mm	Head	Handle	Cutting capacities				
					∅ mm	mm <sup>2</sup>	AWG	g	
95 11 160	085904	160	burnished	plastic coated	15	50	1/0	180	
95 16 160	085966	160		chrome-plated	insulated with multi-component handles, VDE-tested	15	50	1/0	225

## KNIPEX StepCut® XL – Page 27



Part No.	EAN 4003773-	↔ mm	Head	Handle	Cutting capacities				
					∅ mm	mm <sup>2</sup>	AWG	g	
95 12 225	088899	225	burnished	plastic coated	23	70	2/0	425	
95 18 225	089964	225		burnished	insulated with multi-component handles, VDE-tested	23	70	2/0	457

## Cable Cutter – Page 28



Part No.	EAN 4003773-	↔ mm	Head	Handle	Cutting capacities				
					∅ mm	mm <sup>2</sup>	AWG	g	
95 16 165	039648	165		chrome-plated	insulated with multi-component handles, VDE-tested	15	50	1/0	262
95 16 200	026761	200		chrome-plated	insulated with multi-component handles, VDE-tested	20	70	2/0	340

## KNIPEX Diagonal Cutter – Page 28



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Cutting capacities			
						Ø mm	Ø mm	Ø mm	g
70 02 140	023098	140	black atramentized	polished	with multi-component handles	4	2.5	1.8	150
70 02 160	034032	160	black atramentized	polished	with multi-component handles	4	3	2	206
70 06 160	021995	160	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	4	3	2	216

## KNIPEX High Leverage Diagonal Cutter – Page 28



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Cutting capacities			
						Ø mm	Ø mm	Ø mm	g
74 06 160	040705	160	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	3.4	2.5	2	215
74 06 180	022985	180	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	3.8	2.7	2.2	280
74 06 200	033820	200	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	4.2	3	2.5	304

## KNIPEX X-Cut® PATENTED – Page 29



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Cutting capacities					
						Ø mm	Ø mm	Ø mm	Ø mm	Ø mm	g
73 02 160	075127	160	black atramentized	polished	with multi-component handles	4.8	3.8	2.7	2.2	12	175
73 05 160	075134	160	chrome-plated	chrome-plated	with multi-component handles	4.8	3.8	2.7	2.2	12	175
73 06 160	075141	160	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	4.8	3.8	2.7	2.2	12	175

## Combination Pliers – Page 29



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Cutting capacities				
						Ø mm	Ø mm	Ø mm	mm <sup>2</sup>	g
03 06 180	021926	180	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	3.4	2.2	12	16	264
03 06 200	033776	200	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	3.8	2.5	13	16	355

## Snipe Nose Side Cutting Pliers – Page 29



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handle	Cutting capacities		
						Ø mm	Ø mm	g
26 16 200	022831	200	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	3.2	2.2	206
26 26 200	022855	200	chrome-plated 	chrome-plated	insulated with multi-component handles, VDE-tested	3.2	2.2	204

## Electricians' Shears – Page 30



Part No.	EAN 4003773-	↔ mm	Head	Handle	g
95 05 10 SB	082125	190	polished	with multi-component handles, glass fibre reinforced plastic	135
95 05 155 SB	077725	155	polished	with multi-component handles, glass fibre reinforced plastic	170

## Angled Electricians' Shears – Page 30



Part No.	EAN 4003773-	↔ mm	Head	Handle	g
95 05 20 SB	082699	160	polished	with multi-component handles, glass fibre reinforced plastic	190
00 19 75 LE	088158	Multi-purpose belt pouch			70

## KNIPEX ErgoStrip® (PATENTED) – Page 31



Part No.	EAN 4003773-	↔ mm	Stripping capacities				g	
			Round cable Ø mm	Conductor and stranded wire mm <sup>2</sup>	Data cables	Coax cable Ø mm		
16 95 01 SB	079927	135	⌘	8–13	0.2–4	CAT 5–7, Twisted Pair (UTP/STP)	4.8–7.5	75
16 95 02 SB	082910	135	⌘	8–13	0.2–4	CAT 5–7, Twisted Pair (UTP/STP)	4.8–7.5	75

## Universal Stripping Tool – Page 31



Part No.	EAN 4003773-	↔ mm	Stripping capacities		Cable types	g
			Ø mm	mm <sup>2</sup>		
16 80 125 SB	040828	125	⌘	8–13	Round cable, e.g: 3 x 1.5 mm <sup>2</sup> bis 5 x 2.5 mm <sup>2</sup>	75
16 85 125 SB	060444	125	⌘	8–13	Round cable, e.g: 3 x 1.5 mm <sup>2</sup> bis 5 x 2.5 mm <sup>2</sup>	79

## Universal Stripping Tool for building and industrial cables – Page 31



Part No.	EAN 4003773-	↔ mm	Stripping capacities		Cable types	g
			Ø mm	mm <sup>2</sup>		
16 90 130 SB	076940	130	⌘	8–13	Round cable, e.g: 3 x 1.5 mm <sup>2</sup> bis 5 x 2.5 mm <sup>2</sup>	47

## KNIPEX PreciStrip16 PATENTED – Page 32



Part No.	EAN 4003773-	↔ mm	Stripping capacities mm <sup>2</sup>	AWG	⚖ g
12 52 195	085829	190	0.08–16	28–6	180
12 49 23	057604	Spare length stop			
12 49 31	086000	Spare blades block			

## KNIPEX NexStrip® – Page 32



Part No.	EAN 4003773-	↔ mm	Stripping capacities mm <sup>2</sup>	AWG	⚖ g
12 72 190	088165	190	0.03–10	32–8	170
12 49 21	057581	Spare blades block			
12 49 23	057604	Spare length stop			

## KNIPEX EvoStrip – Page 33



Part No.	EAN 4003773-	↔ mm	Stripping capacities mm <sup>2</sup>	AWG	⚖ g
12 40 200	026662	200 $\mathbb{M}$	0.03–10	32–8	202
12 49 01	026679	1 pair of spare blades			
12 49 23	057604	Spare length stop			

## KNIPEX ComStrip – Page 33



Part No.	EAN 4003773-	↔ mm	Stripping capacities mm <sup>2</sup>	AWG	⚖ g
12 62 180	054573	180 $\mathbb{M}$	0.2–6	24–10	151
12 69 21	060093	1 pair of spare blades			
12 69 23	067115	Spare length stop			

## Automatic Stripping Pliers – Page 33



Part No.	EAN 4003773-	↔ mm	Stripping capacities Ø mm	AWG	⚖ g
12 74 180	082323	175 $\mathbb{M}$	4.4–7		145
12 74 180 E01	092681	Spare blades block for 12 74 180 (models from 2025)			

## KNIPEX MultiCrimp <sup>(PATENTED)</sup> – Page 34



Part No.	EAN 4003773-	↔ mm	Pliers	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g	
97 33 02	066934	250	burnished	with multi-component handles		MM	non-insulated, open flat plug connector (plug width 4.8 + 6.3 mm)	0.5–6	20–10	870
						MM	insulated connectors	0.5–6	20–10	
						MM	Wire ferrules	0.25–6	24–10	
						MM	non-insulated terminals	10/16/25	8/6/4	
97 33 03	092599	250	burnished	with multi-component handles		MM	MC4 <sup>®</sup> + MC4 <sup>®</sup> Evo 2	4/6	12/10	790
						MM	Wire ferrules	0.25–6	24–10	
						MM	non-insulated terminals	0.5–10	20–8	

## Self-Adjusting Crimping Pliers for wire ferrules <sup>(PATENTED)</sup> – Page 34



Part No.	EAN 4003773-	↔ mm	Pliers	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g	
97 53 04	028017	180	burnished	with multi-component handles			Wire ferrules	0.08–16	28–6	459
97 53 14	041474	180	burnished	with multi-component handles			Wire ferrules	0.08–16	28–6	445

## KNIPEX Twistor16<sup>®</sup> – Page 35



Part No.	EAN 4003773-	↔ mm	Pliers	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g	
97 53 18	082729	200	chrome-plated	with multi-component handles			Wire ferrules	0.14–16	26–6	478

## Self-Adjusting Crimping Pliers for wire ferrules – Page 35



Part No.	EAN 4003773-	↔ mm	Pliers	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g	
97 53 09	044550	190	burnished	with multi-component handles			Wire ferrules	0.08–10/ 16	28–6	486

## Crimp System Pliers MC4<sup>®</sup> – Page 36



Part No.	EAN 4003773-	↔ mm	Head	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g	
97 43 66	087779	200	burnished	with multi-component handles		MM	MC4 <sup>®</sup>	2.5–6	14–10	618

## Crimp System Pliers MC4® EVO 2 – Page 36



Part No.	EAN 4003773-	↔ mm	Head	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g
97 43 66 EVO	090014	200	burnished	with multi-component handles		MC4® Evo 2	4–10	12–8	680

## Precision Insulation Strippers – Page 37



Part No.	EAN 4003773-	↔ mm	Pliers	Handle		Stripping capacities mm <sup>2</sup>	AWG	⚖ g
12 12 11	062998	195	burnished	with multi-component handles		1.5/2.5/4/6	16–10	449
12 12 12	073758	195	burnished	with multi-component handles		4/6/10	12–8	450

## KNIPEX PreciForce – Page 37/38



Part No.	EAN 4003773-	↔ mm	Pliers	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g
97 52 42	092117	220	burnished	with multi-component handles		MC4® / MC4® Evo 2	4–6	12–10	488
97 52 33	051862	220	burnished	with multi-component handles		non-insulated terminals	0.5–10	20–8	478
97 52 36	051893	220	burnished	with multi-component handles		insulated connectors	0.5–6	20–10	487
97 52 38	051909	220	burnished	with multi-component handles		insulated and non-insulated wire ferrules	0.25–6	24–10	493

## Crimping Pliers – Page 38


















Part No.	EAN 4003773-	↔ mm	Pliers	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g
97 21 215	019688	230	black lacquered	with multi-component handles		insulated terminals + cable connectors	0.5–6	20–10	250
97 22 240	070726	240	black lacquered	with multi-component handles		insulated terminals + cable connectors	0.5–6	20–10	270
						non-insulated, open flat plug connector (plug width 6.3 mm)	0.5–2.5	20–14	

## Crimping Pliers for wire end ferrules – Page 39


















Part No.	EAN 4003773-	↔ mm	Head	Handle		Application	Capacity mm <sup>2</sup>	AWG	⚖ g
97 71 180	040668	180	polished	plastic coated		Wire ferrules	0.25–16	24–6	205
97 78 180	072003	180	polished	insulated with multi-component handles, VDE-tested		Wire ferrules	0.25–16	24–6	254


















## Tool Backpack "Modular X18" Plumbing – Page 42

Part No.	EAN 4003773-				Nominal size	Quantity	g
00 21 50 S	089070	Tool Backpack "Modular X18" Plumbing					10855
							
		00 11 01		KNIPEX TwinKey® control cabinet key	92 mm	1	
		74 06 180	 	High-leverage diagonal cutters	180 mm	1	
		86 03 300		Pliers wrench	300 mm	1	
		87 01 180		KNIPEX Cobra® High-tech Water Pump Pliers	180 mm	1	
		87 01 300		KNIPEX Cobra® High-tech Water Pump Pliers	300 mm	1	
		90 10 165 BK		KNIPEX CutiX Universal Knife	165 mm	1	
		90 22 10 BK		KNIPEX BiX Cutter for plastic pipes and sealing sleeves	72 mm	1	
		90 31 02 SB		KNIPEX TubiX® Pipe Cutter	180 mm	1	
		98 20 35 SL	 	Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	1	
		98 20 55 SL	 	Screwdrivers (Slim) for slotted screws	1 x 5.5 x 125 mm	1	
		98 24 01 SL	 	Screwdriver (slim) for Phillips® cross recessed screws	PH1 x 80 mm	1	
		98 24 02 SL	 	Screwdriver (slim) for Phillips® cross recessed screws	PH2 x 100 mm	1	
				Wooden folding rule type 1607, white	2000 mm	1	
				Set of Hex Key Wrenches	1.5–10 mm	1	
				Deep Hole Marker		1	
				Locksmith's Hammer	300 g	1	
				Spirit level type 70	300 mm	1	
00 21 50 LE	089056	Tool backpack "Modular X18", empty					

























## Tool Case "Robust26 Move" Plumbing – Page 43

Part No.	EAN 4003773-				Nominal size	Quantity	g
00 21 33 S	089100	Tool Case "Robust26 Move" Plumbing					9700
							
		00 11 01		KNIPEX TwinKey® control cabinet key	92 mm	1	
		74 06 180	 	High-leverage Diagonal Cutter	180 mm	1	
		86 03 300		Pliers Wrench	300 mm	1	
		87 01 180		KNIPEX Cobra® High-tech water pump pliers	180 mm	1	
		87 01 300		KNIPEX Cobra® High-tech water pump pliers	300 mm	1	
		90 10 165 BK		KNIPEX CutiX Universal Knife	165 mm	1	
		90 22 10 BK		KNIPEX BiX Cutter for plastic pipes and sealing sleeves	72 mm	1	
		90 31 02 SB		KNIPEX TubiX® Pipe Cutter	180 mm	1	
		98 20 35 SL	 	Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	1	
		98 20 55 SL	 	Screwdrivers (Slim) for slotted screws	1 x 5.5 x 125 mm	1	
		98 24 01 SL	 	Screwdriver (slim) for Phillips® cross recessed screws	PH1 x 80 mm	1	
		98 24 02 SL	 	Screwdriver (slim) for Phillips® cross recessed screws	PH2 x 100 mm	1	
				Wooden folding rule type 1607, white	2000 mm	1	
				Set of Hex Key Wrenches	1.5–10 mm	1	
				Deep Hole Marker	2.8 mm	1	
				Locksmith's Hammer	300 g	1	
				Spirit level type 70	300 mm	1	
00 21 33 LE	057543	Tool Case "Robust26 Move" empty					


























## Tool Case "BIG Basic Move" Plumbing – Page 43

Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 06 HK 5	084266	Tool Case "BIG Basic Move" Plumbing			10855
					
		70 06 160   Diagonal Cutter	160 mm	KNIPEX	1
		86 03 250  Pliers Wrench	250 mm	KNIPEX	1
		88 01 250  KNIPEX Alligator® Water Pump Pliers	250 mm	KNIPEX	1
		88 01 300  KNIPEX Alligator® Water Pump Pliers	300 mm	KNIPEX	1
		 Set of Hex Key Wrenches	1,5–10 mm	Wera	1
		  Screwdriver for slotted screws 1160i	0,6 x 3,5 x 100 mm	Wera	1
		  Screwdriver for slotted screws 1160i	1 x 5,5 x 125 mm	Wera	1
		  Screwdriver for slotted screws 1160i	1,2 x 6,5 x 150 mm	Wera	1
		  Screwdriver, Phillips® 1162i cross recessed screws	PH1 x 80 mm	Wera	1
		  Screwdriver, Phillips® 1162i cross recessed screws	PH2 x 100 mm	Wera	1
		PUK® Junior Hacksaw	150 x 240 mm	Haunstetter	1
		Cutter	18 mm	Heyco	1
		Express Key	M 10 mm	Heyco	1
		Flat Brush	40 mm	Picard	1
		Steel Wire Brush, 5-row	280 mm	Picard	1
		Plaster bowl	127 x 94 mm	Picard	1
		Painter's Spatula 40 mm, wood, high quality	40 mm	Picard	1
		Electrician's Chisels	250 x 10 mm	Rennsteig	1
		Locksmith's Hammer, 300 g	300 g	Ruthe	1
		Carpenter's Pencil		Stabila	1
		Spirit level type 70	300 mm	Stabila	1
		Folding Ruler series 400	2000 mm	Stabila	1
		Pipe Cutter	3–35 mm / 1/8–1 1/2"	Zenten	1
00 21 06 LE	057512	Tool Case "BIG Basic Move" empty			


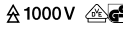

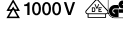
## KNIPEX L-BOXX® Plumbing – Page 44

Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 19 LB 5	081630	KNIPEX L-BOXX® Plumbing			9170
					
		00 11 01  KNIPEX TwinKey® control cabinet key	92 mm	KNIPEX	1
		26 16 200   Snipe Nose Side Cutting Pliers (stork beak pliers)	200 mm	KNIPEX	1
		74 06 180   High-leverage Diagonal Cutter	180 mm	KNIPEX	1
		86 03 250  Pliers Wrench	250 mm	KNIPEX	1
		87 01 250  KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	KNIPEX	1
		87 01 400  KNIPEX Cobra® XL Pipe and Water Pump Pliers	400 mm	KNIPEX	1
		98 20 35   Screwdriver for slotted screws	0,6 x 3,5 x 100 mm	KNIPEX	1
		98 20 55   Screwdriver for slotted screws	1,0 x 5,5 x 125 mm	KNIPEX	1
		98 24 01   Screwdriver for Phillips® cross recessed screws	PH1 x 80 mm	KNIPEX	1
		98 24 02   Screwdriver for Phillips® cross recessed screws	PH2 x 100 mm	KNIPEX	1
		98 26 15   Screwdriver for Torx® screws	TX15 x 80 mm	KNIPEX	1
		98 26 20   Screwdriver for Torx® screws	TX20 x 80 mm	KNIPEX	1
		98 26 25   Screwdriver for Torx® screws	TX25 x 100 mm	KNIPEX	1
		 Set of Hex Key Wrenches	1,5 - 10 mm	Wera	1
		Joker Open-end Wrench	10 x 13 mm	Wera	1
		Zyklop Metal Ratchet Set 8100 SA 8 28-piece	1/4"	Wera	1
		Voltage Tester, single-pole 247	0,5 x 3,0 x 70 mm	Wera	1
		Safety Cutter Knife	18 mm	Heyco	1
		Express Key	M 10	Heyco	1
		Locksmith's Hammer	300 g	Picard	1
		Mason's Chisels	250 mm	Rennsteig	1
		Electrician's Chisels	250 x 10 mm	Rennsteig	1
		Spirit level type 70	30 cm	Stabila	1
		Folding Ruler series 400	2000 mm	Stabila	1
		Pipe Cutter	3–35 mm / 1/8–1 1/2"	Zenten	1
00 21 19 LB	081616	KNIPEX L-BOXX®, empty, with tool card			

## Tool Case "Vision27" Plumbing – Page 44

Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 21 HK S	080671	Tool Case "Vision27" Plumbing			9965
	00 11 01	 KNIPEX TwinKey® control cabinet key	92 mm	KNIPEX	1
	26 16 200	 Snipe Nose Side Cutting Pliers (stork beak pliers)	200 mm	KNIPEX	1
	74 06 180	 High-leverage Diagonal Cutter	180 mm	KNIPEX	1
	86 03 250	 Pliers Wrench	250 mm	KNIPEX	1
	87 01 250	 KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	KNIPEX	1
	87 01 400	 KNIPEX Cobra® XL Pipe and Water Pump Pliers	400 mm	KNIPEX	1
		 Set of Hex Key Wrenches	1.5 - 10 mm	Wera	1
		 Joker Open-end Wrench	10 x 13 mm	Wera	1
		 Zyklop Metal Ratchet set 8100 SA 8 28-piece	1/4"	Wera	1
		 Voltage Tester, single-pole 247	0.5 x 3 x 70 mm	Wera	1
		 Screwdriver for slotted screws 160i	0.6 x 3.5 x 100 mm	Wera	1
		 Screwdriver for slotted screws 160i	1 x 5.5 x 125 mm	Wera	1
		 Screwdriver, Phillips® 162i PH cross recessed screws	PH1 x 80 mm	Wera	1
		 Screwdriver, Phillips® 162i PH cross recessed screws	PH2 x 100 mm	Wera	1
		 Screwdriver for Torx® screws 167 i	TX15 x 80 mm	Wera	1
		 Screwdriver for Torx® screws 167 i	TX20 x 80 mm	Wera	1
		 Screwdriver for Torx® screws 167 i	TX25 x 100 mm	Wera	1
		 Slotted Chisel Slotted Screws 932 A	1.2 x 7 x 125 mm	Wera	1
		 Slotted Chisel Slotted Screws 932 A	1.6 x 9 x 150 mm	Wera	1
		 Safety Cutter Knife	18 mm	Heyco	1
	 Express Key	M 10	Heyco	1	
	 Locksmith's Hammer	300 g	Picard	1	
	 Mason's Chisels	250 mm	Rennsteig	1	
	 Spirit level type 70	30 cm	Stabila	1	

## Tool Case for Photovoltaics – Page 45

Part No.	EAN 4003773-		Nominal size	Quantity	g
97 91 01	070351	Tool Case for photovoltaics			1964
	12 12 11	Precision Wire Stripper with adapted blades 1.5/2.5/4/6 mm <sup>2</sup>	1.5–6 mm <sup>2</sup>		1
	95 16 165	 Cable shears	Ø 15 mm / 50 mm <sup>2</sup>		1
	97 43 200 A	Crimp System Pliers for exchangeable crimping dies			1
97 91 03	087755	Tool Case for photovoltaics			1964
	12 12 12	Precision Insulation Stripper with adapted blades 4/6/10 mm <sup>2</sup>	4–10 mm <sup>2</sup>		1
	95 16 165	 Cable shears	Ø 15 mm / 50 mm <sup>2</sup>		1
	97 43 200 A	Crimp System Pliers for exchangeable crimping dies			1
97 91 01 LE	088813	Tool Case for photovoltaics empty			

## Tool Case for Photovoltaics MC4® – Page 45

Part No.	EAN 4003773-			Nominal size	Quantity	g
<b>97 91 04 V01</b>	088998	Tool Case for photovoltaics for solar cable connectors MC4® (Multi-Contact)				2010
	12 12 11		Precision wire stripper with adapted blades 1.5/2.5/4/6 mm <sup>2</sup>	1.5–6 mm <sup>2</sup>	1	
	95 16 165	⚠ 1000V ⚡	Cable shears	Ø 15 mm / 50 mm <sup>2</sup>	1	
	97 43 200 A		Crimp System Pliers for exchangeable crimping dies		1	
	97 49 66		Crimping die for solar connector MC4® (Multi-Contact)	2.5–6 mm <sup>2</sup>	1	
	97 49 66 1		Locator for 97 49 66 (solar cable connectors MC4®)		1	
	97 49 66 2		Set of Mounting Tools for solar cable connectors MC4® (Multi-Contact)		1	
<b>97 91 04 V02</b>	089001	Tool Case for photovoltaics for solar cable connectors MC4® (Multi-Contact)				2010
	12 12 12		Precision Insulation Stripper with adapted blades 4/6/10 mm <sup>2</sup>	4–10 mm <sup>2</sup>	1	
	95 16 165	⚠ 1000V ⚡	Cable shears	Ø 15 mm / 50 mm <sup>2</sup>	1	
	97 43 200 A		Crimp System Pliers for exchangeable crimping dies		1	
	97 49 71		Crimping die for solar connector MC4® (Multi-Contact)	4–10 mm <sup>2</sup>	1	
	97 49 71 1		Locator for 97 49 71 (solar cable connectors MC4®)		1	
	97 49 66 2		Set of Mounting Tools for solar cable connectors MC4® (Multi-Contact)		1	
<b>97 91 01 LE</b>	088813	Tool Case for photovoltaics empty				

## Pliers Wrench Set – Page 46

Part No.	EAN 4003773-			Nominal size	Quantity	g
<b>00 19 55 S4</b>	077817	Set of Pliers Wrenches 5-piece				1925
	86 03 125		Mini Pliers Wrench	125 mm	1	
	86 03 150		Pliers wrench	150 mm	1	
	86 03 180		Pliers wrench	180 mm	1	
	86 03 250		Pliers wrench	250 mm	1	
	86 03 300		Pliers wrench	300 mm	1	
<b>00 19 55 S6</b>	086505	Set of Pliers Wrenches 3-piece				1030
	86 03 125		Mini Pliers Wrench	125 mm	1	
	86 03 180		Pliers wrench	180 mm	1	
	86 03 250		Pliers wrench	250 mm	1	
<b>00 19 55 S7</b>	086512	Set of Pliers Wrenches 3-piece				1520
	86 03 150		Pliers wrench	150 mm	1	
	86 03 250		Pliers wrench	250 mm	1	
	86 03 300		Pliers wrench	300 mm	1	

## KNIPEX Cobra® Set – Page 46



Part No.	EAN 4003773-			Nominal size	Quantity	g	
<b>00 19 55 55</b>	082613	KNIPEX Cobra® Set				1575	
		87 01 125		KNIPEX Cobra® High-tech Water Pump Pliers	125 mm	1	
		87 01 150		KNIPEX Cobra® High-tech Water Pump Pliers	150 mm	1	
		87 01 180		KNIPEX Cobra® High-tech Water Pump Pliers	180 mm	1	
		87 01 250		KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	1	
		87 01 300		KNIPEX Cobra® High-tech Water Pump Pliers	300 mm	1	
<b>00 19 55 58</b>	086529	KNIPEX Cobra® Set				820	
		87 01 125		KNIPEX Cobra® High-tech Water Pump Pliers	125 mm	1	
		87 01 180		KNIPEX Cobra® High-tech Water Pump Pliers	180 mm	1	
		87 01 250		KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	1	
<b>00 19 55 59</b>	086536	KNIPEX Cobra® Set				1255	
		87 01 150		KNIPEX Cobra® High-tech Water Pump Pliers	150 mm	1	
		87 01 250		KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	1	
		87 01 300		KNIPEX Cobra® High-tech Water Pump Pliers	300 mm	1	
<b>00 19 55 55 LE</b>	082620	Tool roll for KNIPEX Cobra® empty 6 compartments					
<b>00 19 55 58 LE</b>	086499	Tool roll for KNIPEX Cobra® empty 4 compartments					

## Mini Pliers Set XS – Page 46



Part No.	EAN 4003773-			Nominal size	Quantity	g	
<b>00 20 72 V04 XS</b>	087328	Mini Pliers Set XS in Belt Pouch				175	
		86 04 100		Pliers Wrench XS	100 mm	1	
		87 00 100		KNIPEX Cobra® XS Water Pump Pliers	100 mm	1	
<b>00 19 72 XS LE</b>	087335	Belt pouch XS for KNIPEX Cobra® XS and Pliers Wrench XS empty					

## Mini Pliers Set – Page 46



Part No.	EAN 4003773-			Nominal size	Quantity	g	
<b>00 20 72 V01</b>	070832	Mini Pliers Set in Belt Pouch				345	
		86 03 150		Pliers Wrench	150 mm	1	
		87 01 125		KNIPEX Cobra® High-tech Water Pump Pliers	125 mm	1	
<b>00 20 72 V02</b>	075851	Mini Pliers Set in Belt Pouch				420	
		74 01 160		High-leverage Diagonal Cutter	160 mm	1	
		87 01 150		KNIPEX Cobra® High-tech Water Pump Pliers	150 mm	1	
<b>00 20 72 V04</b>	078920	Mini Pliers Set in Belt Pouch				264	
		86 03 125		Mini Pliers Wrench	125 mm	1	
		87 01 125		KNIPEX Cobra® High-tech Water Pump Pliers	125 mm	1	
<b>00 20 72 V06</b>	081937	Mini Pliers Set in Belt Pouch				375	
		08 22 145		Needle-Nose Combination Pliers	145 mm	1	
		87 01 150		KNIPEX Cobra® High-tech Water Pump Pliers	150 mm	1	
<b>00 19 72 LE</b>	070191	Belt Pouch for two pliers empty					

## Best Seller Set – Page 47



Part No.	EAN 4003773-			Nominal size	Quantity	g
00 20 09 V01	073994	Best Seller Set				955
	03 02 180		Combination Pliers	180 mm	1	
	70 02 160		Diagonal Cutter	160 mm	1	
	87 01 250		KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	1	

## Pliers Set – Page 47



Part No.	EAN 4003773-			Nominal size	Quantity	g
00 20 01 V15	081586	Pliers set in foam insert				1121
	03 02 180		Combination Pliers	180 mm	1	
	26 12 200		Snipe Nose Side Cutting Pliers (stork beak pliers)	200 mm	1	
	74 02 180		High-leverage Diagonal Cutter	180 mm	1	
	87 01 250		KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	1	
00 20 01 V17	081944	Pliers set in foam insert				1225
	03 05 180		Combination Pliers	180 mm	1	
	26 15 200		Snipe Nose Side Cutting Pliers (stork beak pliers)	200 mm	1	
	74 05 180		High-leverage Diagonal Cutter	180 mm	1	
	87 05 250		KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	1	

## KNIPEX Cobra® Set – Page 47



Part No.	EAN 4003773-			Nominal size	Quantity	g
00 20 09 V02	074793	KNIPEX Cobra® Set				1220
	87 01 180		KNIPEX Cobra® High-tech Water Pump Pliers	180 mm	1	
	87 01 250		KNIPEX Cobra® High-tech Water Pump Pliers	250 mm	1	
	87 01 300		KNIPEX Cobra® High-tech Water Pump Pliers	300 mm	1	

## KNIPEX Alligator® Set – Page 47



Part No.	EAN 4003773-			Nominal size	Quantity	g
00 20 09 V03	074809	KNIPEX Alligator® Set				1195
	88 01 180		KNIPEX Alligator® Water Pump Pliers	180 mm	1	
	88 01 250		KNIPEX Alligator® Water Pump Pliers	250 mm	1	
	88 01 300		KNIPEX Alligator® Water Pump Pliers	300 mm	1	

## Screwdrivers – Page 47



Part No.	EAN 4003773-			Nominal size	Quantity	g
98 20 25	062325		⊕ 1000 V	Screwdriver for slotted screws	0,4 x 2,5 x 75 mm	32
98 20 30	062332		⊕ 1000 V	Screwdriver for slotted screws	0,5 x 3 x 100 mm	35
98 20 35	024217		⊕ 1000 V	Screwdriver for slotted screws	0,6 x 3,5 x 100 mm	35
98 20 55	024224		⊕ 1000 V	Screwdriver for slotted screws	1,0 x 5,5 x 125 mm	69
98 24 01	026440		⊕ 1000 V	Screwdriver for Phillips® cross recessed screws	PH1 x 80 mm	58
98 24 02	026457		⊕ 1000 V	Screwdriver for Phillips® cross recessed screws	PH2 x 100 mm	94
98 25 01	031260		⊕ 1000 V	Screwdriver for Pozidriv® cross recessed screws	PZ1 x 80 mm	58
98 25 02	031277		⊕ 1000 V	Screwdriver for Pozidriv® cross recessed screws	PZ2 x 100 mm	90

# PLIERS KNOWLEDGE

## EXAMPLES FOR HANDLE VARIANTS OF PLIERS



**Straight handles, all-metal design without plastic cover,** are used when the hand has to be positioned in different places when gripping. This is often the case with pinners and concreters' nippers.



**Curved handles and thin plastic covers** make pliers non-slip and comfortable to hold. They ensure a precise position of the hand, which is useful for screwing movements, for example. The typical handle of water pump pliers.



**Curved handles and thin plastic covers** support the hand forwards and backwards. This is always an advantage where high forces have to be applied, such as with side cutters.



**Multi-component handles** Compared to handles with a thin plastic coating, the comfort handles offer the hand a larger contact surface, ensuring better force distribution and therefore more comfortable working. The hard red component provides a firm grip on the pliers body, while the softer blue component ensures ergonomic contact with fingers and the heel of the hand.



**Comfort handles** The third, grey component in the thumb rest allows more control thanks to its special surface texture. The ends of the handles each have a KNIPEXTEND interface for extending functionality, for example with TetheredTool clips for attaching anti-fall devices



**VDE\* insulated handles, multi-component handles** Insulated handles for working on electrical systems. With DIN EN/IEC 60900, these pliers are subject to even stricter norms and safety standards.




**VDE\* insulated handles with dipped insulation** The dipped VDE handles guarantee the same electrical protection as other VDE-insulated handles. Energy suppliers in particular use these VDE pliers with a different look to prevent misuse.



**ESD\*\* handles, multi-component handles** Dissipative handles allow slowly controlled equalisation of any differences in electrical potential between the operator and sensitive electronic components.

\* Association for Electrical Engineering, Electronics and Information Technology  
\*\* electrostatic discharge: electrostatic discharges

### Safety instruction

- > Only use tools for their intended purpose.
- > For cutting pliers: Beware of wire ends jumping off – wear safety goggles and gloves if necessary. Watch out for bystanders.
- > Handle covers are only insulating if they bear the symbol  1000 V.































































### Care tip

A drop of oil (e.g. Ballistol® or white oil) on polished surfaces and in the joint maintains the usability and extends the service life of your pliers!



# LEGEND

## EXPLANATION OF PICTOGRAMS

 ESD	Electrostatic discharging, dissipative	 W-Crimp		 Internal circlip
 1000 V	Insulated to IEC 60900, can be used up to 1000 V AC / 1500 V DC	 Hex-Crimp		 External circlip
	VDE tested, also in compliance with GPSG (Equipment and Product Safety Act)	 Square crimp		 Retaining ring, straight
	Cu- + Al-multi-conductor cable, solid and multi-stranded	 Solarlok® crimp		 Retaining ring, diagonal
	Wire rope			 Grip ring
	Ribbon cable			 Flat jaws
	Steel wire armoured cable (SWA)			 Flat and pointed jaws
	ACSR (overhead cable)			 Half-round jaws
	Soft wire			 Round jaws
	Medium-hard wire			 Triangle
	Hard wire			 Smooth gripping surfaces
	Piano wire			 Smooth serrated gripping surfaces
	Square Crimping automatically			 Knurled gripping surfaces
	Hex-Crimp automatically			 Cross-hatched, knurled gripping surfaces
	4/8-Indent Crimp			 Centre cutter
	One-Indent Crimp			 Cutting edges with bevel
	Trapezoid-Crimp			 Cutting edges with small bevel
	Oval-Crimp			 Cutting edges with very small bevel
	F-Crimp			 Cutting edges without bevel
	Trapezoid indent crimp			 For flush cut of soft materials

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Pozidriv®	European Industrial Service Ltd.
Radox®	HUBER+SÜHNER AG
Torx®	Acument Global Technologies, Inc.



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