KNIPEX

KNIPEX QUALITY – MADE IN GERMANY

ELECTRICAL

RANGE











POPULAR TOOLS FOR THE ELECTRICAL INDUSTRY

In the professional electrical trade, precision, efficiency and safety determine the quality of the work. This requires tools that can be relied upon at all times.

At KNIPEX, we combine first-class quality with over 140 years of experience in tool manufacturing and continuous development. After all, new requirements – such as those arising from renewable energies, smart home technologies or charging infrastructure for electric mobility – are bringing about lasting changes to day-to-day work in the electrical trade.

Our development department is therefore constantly working on well-designed tool solutions. The range extends from tried-and-tested all-rounders to highly specialised cable cutters, electronics pliers, stripping and shearing tools, as well as crimping pliers, many of which are also VDE-certified.

The result is precisely tailored tools for professional use.



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Cutting cables, conductors and strands

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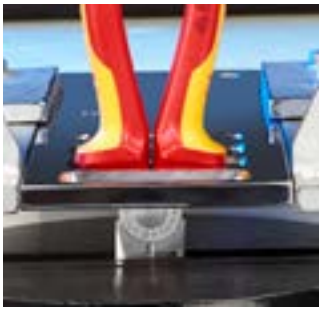
P. 58–93
OVERVIEW – PRODUCT INFORMATION
Technical data and product information

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PLIERS KNOWLEDGE
Information on handle variants and pictograms



INSULATED TOOLS ARE A MATTER OF TRUST

Electricians must be able to rely on their tools. Reliability is vital when working on electrical installations, where the pliers they use are literally in their hands. That is why our insulated tools not only meet all legal requirements, but also offer the highest possible levels of safety, reliability and performance.



Testing the adhesion of the VDE sheaths with 500 N at 70°C.



Pressure test at 70°C.



Cold impact test at -25°C



Testing the electrical insulating properties.

Only trained specialists are permitted to work on live installations. Strict safety standards such as DIN VDE 0105, EN 50110 or IEC 60364 apply. This requires special tools that have been tested in accordance with DIN EN/IEC 60900. KNIPEX tools marked accordingly are approved for work up to 1.000 V AC.

Every insulated tool is individually subjected to a dielectric strength test at 10.000 V AC before it reaches the market. Further tests assess the insulation's resistance to heat, cold, tension and impact. External testing bodies such as the VDE and the KNIPEX quality assurance system in accordance with ISO 9001 guarantee the highest standards.

Of course, we test not only the insulation but also the mechanical quality. KNIPEX tools offer precision, durability and resilience. Users can rely on the tested quality, resilience and insulation – for maximum safety at work.



VDE*-insulated handles



VDE*-insulated handles with dip-moulded insulation

TOOL WITH FALL ARREST

For fall protection using the KNIPEX Tethered Tools system, we offer three types of handle: our yellow-red VDE-tested handles, blue-red multi-component handles and our new comfort handles with the KNIPEXtend interface.

All pliers with a mounting eyelet can be secured directly to the Tethered Tools system; pliers with comfort handles can be connected to fall arrest devices via their KNIPEXtend interface using optional Tethered Tools Clips (TTCs).









VDE*-insulated handles with fall protection



Multi-component handle with fall arrest



Comfort handles with KNIPEXtend interface

* Association for Electrical, Electronic and Information Technologies



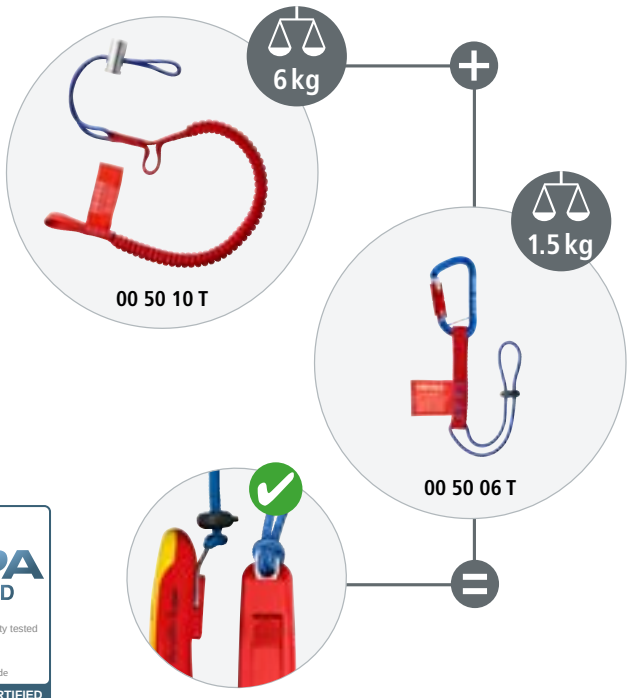
FALL ARREST: ADDITIONAL ACCESSORIES

Lanyards, adapter straps, carabiners

The safety lanyard and adapter loop for tools up to 1.5 kg fit directly onto all KNIPEX pliers with a mounting eyelet or TetheredTool Clip. The safety lanyard and adapter loop for tools up to 6 kg require an adapter loop for tools up to 1.5 kg for attachment to KNIPEX pliers.

	Part No.	⚖
	00 50 01 T BK	1.5 kg (3.3 lbs)
	00 50 02 T BK	1.5 kg (3.3 lbs)
	00 50 05 T BK	1.5 kg (3.3 lbs)
	00 50 06 T BK	1.5 kg (3.3 lbs)
	00 50 10 T BK	6 kg (13 lbs)

	Part No.	⚖
	00 50 11 T BK	6 kg (13 lbs)
	00 50 12 T BK	6 kg (13 lbs)
	00 50 13 T BK	6 kg (13 lbs)
	00 50 03 T BK	
	00 50 04 T BK	



Safety tested twice in accordance with ANSI ISEA 121-2023 and additionally by the independent testing laboratory VPA Remscheid

VPA TESTED fit for use loading capacity tested ID 8191 www.VPA-zert.de TESTED & CERTIFIED IN GERMANY

Tool Bags

	Part No.
	00 50 50 T LE

	Part No.
	00 50 51 T LE



VPA TESTED fit for use loading capacity tested ID 8192 www.VPA-zert.de TESTED & CERTIFIED IN GERMANY

PRODUCT
HIGHLIGHTS

25 **STRIPPING KNIFE**
Work faster and safer: the stripping knife with ratchet function

19 **KNIPEX NEXSTRIP®**
Perfect crimping: even, flat square compression of wire ferrules







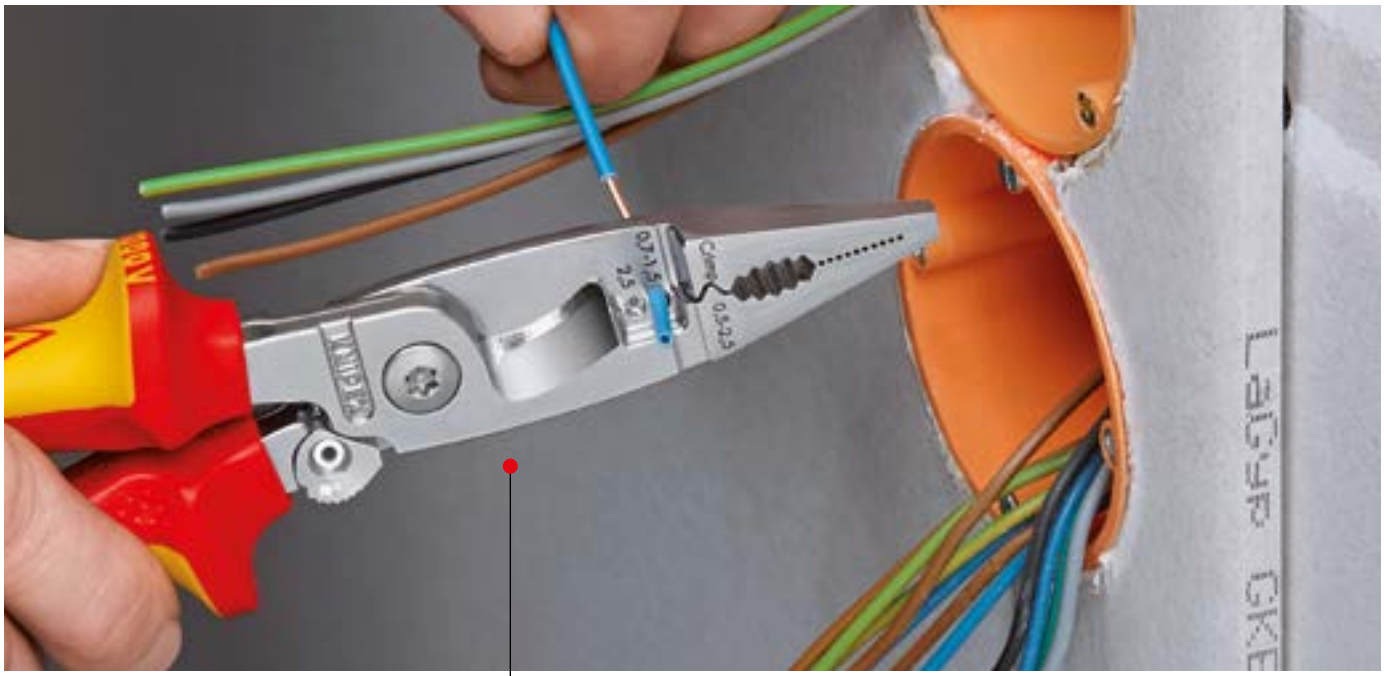
10 **KNIPEX STEPCUT®**
A quantum leap in cable cutting: up to 40 per cent easier cutting

14 **KNIPEX SLIM KNIPS**
Precision cutting pliers, also for fitting and removing cable ties

50 **TOOL BACKPACK "MODULAR X18" ELECTRIC**
Suits you and your tools: practical and convenient







36 **ELECTRICAL INSTALLATION PLIERS**
For cutting, stripping, deburring, bending, gripping and crimping cables

PRODUCT FINDER

FOR CABLE SHEARS

Cable variants in different materials and cross-sections often place very specific demands on the cutting tool. Find the right tool for you here.

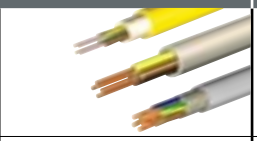
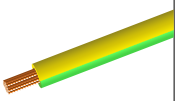
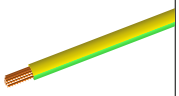
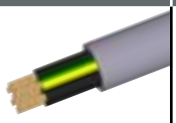
Type	Single-Conduc
Illustration	
Cable type	Single-core cable
Example cable designations	H07 V-R, NYY-J
Example cable names	Lightning protection cable
Application ▶	Lightning protection, equipotential bonding
Capacity Ø ▼	

	Illustration	Product	Art no.	Special features/properties	Page	Capacity Ø ▼	Lightning protection, equipotential bonding
Shears		**Electricians' Shears**	**95 05 10 SB** **95 05 155**	Fine-toothed precision blades with cable cutter; 95 05 10 SB with crimping point for wire ferrules in the handle area	13	12 mm	–
		**Angled Electricians' Shears**	**95 05 20**	Fine-toothed precision blades with cable cutter; crimping point for wire ferrules in the handle area; with opening spring	13	15 mm	–
One-hand cable cutters		**Cable Shears**	**95 XX 165**	Adjustable joint, 95 X1 165 without opening spring, 95 X2 with opening spring	11	15 mm	✓ 16 mm²
			**95 4X 165**	Adjustable joint, with spring and stripping function 1.5 – 2.5 mm²		12 mm	✓ 16 mm²
		**Cable Shears with twin cutting edge**	**95 1X 200**	Adjustable joint, with two cutting edges for pre-cutting and post-cutting	11	20 mm	✓ 16 mm²
		**KNIPEX StepCut®**	**95 1X 160**	Step cutter: particularly easy cutting of multi-core cables	10	15 mm	✓✓ 16 mm²
		**KNIPEX StepCut® XL**	**95 1X 225**	For one- and two-hand operation; with additional cutting edge for nibbling large cables	10	23 mm	✓✓ 35 mm²
		**Cable Shears**	**95 05 165**	Low weight, also suitable for smaller hands; with opening spring and catch	11	10 mm	✓ 6 mm²
		**Cable Shears**	**95 06 230**	Low weight, also suitable for smaller hands	–	16 mm	✓ 16 mm²
Two-hand cable cutters		**Cable Shears**	**95 XX 500**	Low weight, high transmission ratio	12	27 mm	✓ CU 150 mm² | AL 240 mm²
Cable cutters with ratchet action		**Cable Cutter**	**95 XX 250**	Three-speed gear drive for optimised one- and two-hand operation, compact and robust construction	12	32 mm	✓ 240 mm²
			**95 XX 280**			52 mm	✓ 380 mm²
			**95 XX 320**			60 mm	✓ CU 600 mm² | AL 740 mm²
		**Cable Shears**	**95 XX 315 A**		12	45 mm	–
		**Cable Shears**	**95 32 038**	Articulated joint: adjustable handle width, with telescopic handle	12	38 mm	✓ CU 280 mm²
		**Cable Cutter**	**95 32 060**	With telescopic handle	12	60 mm	✓ CU 740 mm²
			**95 32 100**	With telescopic handle		100 mm	✓ CU 960 mm²

✓✓ Particularly suitable
✓ Suitable, capacity limit CU/AL

✓ These are only reference values; the limiting factor for multi-core cables is usually not the sum of the cross-sections, but the outer diameter or the cutting force. Subject to deviations.

G Rubber hose cable, e.g. H07RN-F
S Control cable, e.g. Ölflex®

-wire (rigid) tor class 1	Multi-wire (rigid) Conductor class 2		Fine-stranded (flexible) Conductor class 5		Special cable
					
Multi-core cable	Single-core cable	Multi-core cable	Single-core cable	Multi-core cable	Steel wire armoured cable
NYM-J, NYY-J, NM-B, Twin & Earth	H07V-R, THHN	NYM-J, NYY-J	H07V-K, SOOW	H07RN-F, SOOW	SWA
Wet room cable, underground cable up to approx. 10 mm²	–	Wet room cable, underground cable up to approx. 10 mm²	–	Rubber hose cable, control cable	–
Domestic installation, house connection, power supply	Potential equalisation, house connection, power supply	Domestic installation, house connection, power supply	Cable harnesses, switch cabinet construction, meter cabinet, fuse box	Construction site power, extension cables, machinery	Mining, critical infrastructure, underground cables (UK)
✓	–	✓	● 25 mm²	✓ G: 5 x 1.5 mm² | S: 5 x 2.5 mm²	–
✓	–	✓	● 50 mm²	✓ G: 5 x 2.5 mm² | S: 5 x 6 mm²	–
✓ 5 x 4 mm²	● 35 mm²	✓ 5 x 4 mm²	●● 50 mm²	✓ G: 5 x 2.5 mm² | S: 5 x 6 mm²	–
✓ 5 x 1.5 mm²	● 35 mm²	✓ 5 x 1.5 mm²	●● 35 mm²	✓ G: 5 x 1.5 mm² | S: 5 x 2.5 mm²	–
✓ 5 x 6 mm²	● 35 mm²	✓ 5 x 6 mm²	●● 70 mm²	✓ G: 5 x 6 mm² | S: 5 x 10 mm²	–
✓✓ 5 x 4 mm²	●● 35 mm²	✓✓ 5 x 4 mm²	● 50 mm²	✓ G: 5 x 2.5 mm² | S: 5 x 6 mm²	–
✓✓ 5 x 6 mm²	●● CU 70 mm² | AL 120 mm²	✓✓ 5 x 6 mm²	● 120 mm²	✓ G: 5 x 6 mm² | S: 5 x 16 mm²	–
✓ 5 x 1.5 mm²	● 16 mm²	✓ 5 x 1.5 mm²	● 50 mm²	✓ G: 3 x 1.5 mm² | S: 5 x 2.5 mm²	–
✓ 5 x 4 mm²	● 50 mm²	✓ 5 x 6 mm²	● 70 mm²	✓ G: 5 x 4 mm² | S: 5 x 6 mm²	–
✓ 4 x 35 mm² | 5 x 25 mm²	● CU 150 mm² | AL 240 mm²	✓ 4 x 35 mm² | 5 x 25 mm²	●● 185 mm²	✓✓ G: 5 x 16 mm² | S: 5 x 25 mm²	–
✓ 4 x 70 mm²	● 240 mm²	✓ 4 x 70 mm²	–	–	–
✓ 4 x 95 mm²	● 380 mm²	✓ 4 x 95 mm²	–	–	–
✓ CU 4 x 150 mm² | AL 4 x 185 mm²	● CU 600 mm² | AL 740 mm²	✓ CU 4 x 150 mm² | AL 4 x 185 mm²	–	–	–
–	–	–	–	–	● 380 mm²
✓ CU 4 x 70 mm²	● CU 280 mm²	✓ CU 4 x 70 mm²	● 280 mm²	✓ G: 5 x 25 mm²	–
✓ CU 4 x 185 mm²	● CU 740 mm²	✓ CU 4 x 185 mm²	–	–	–
✓ CU 4 x 240 mm²	● CU 960 mm²	✓ CU 4 x 240 mm²	–	–	–

ART NO.:
95 16 160

KNIPEX StepCut®

Cable shears with step cut



- 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 Ø 15 mm (50 mm²)
> Cuts solid copper and aluminium cables up to 5 x 4 mm²





ART NO.:
95 18 225

KNIPEX StepCut® XL

Cable Shears for one- and two-hand operation



- High-leverage joint, long handles and optimised cutting edges: noticeably easier cutting than with compact cable shears
- Large cutting capacity: cuts solid copper or aluminium cables up to 35 mm², stranded cables up to 70 mm² and fine stranded cables up to 120 mm²
- 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





Stepped cutting edges prevent cables from slipping out





95 26 165
With opening spring



95 41 165
With opening spring and stripping points

Cable Shears

Cutting cables with minimal effort

ART NO.:
95 16 165

Further variants on page 58 +

- 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 mm²)
> Not suitable for steel wire and hard drawn copper conductors
> Precision-ground, hardened blades
> With guard









Cable Shears

With twin cutting edge

ART NO.:
95 16 200

Further variants on page 58 +

- Clean and smooth cut without crushing and deformation
- By dividing the cutting actions into initial cut and final cut, cables up to Ø 20 mm can be cut in one-hand operation
- Pinch guard prevents operators' fingers being pinched

> For cutting copper and aluminium cables up to Ø 20 mm (70 mm²)
> Low handforce required due to favourable lever ratio and special blade geometry





Cable Shears

Handles extrusion plastic-coated

ART NO.:
95 05 165

> Cuts cables up to Ø 10 mm / 24 mm²
> Precision-ground, hardened blades
> No crushing, slight deformation of the cable only
> Pinch guard prevents operators' fingers being pinched
> Adjustable bolted joint
> Not suitable for steel wire and hard drawn copper conductors



Further product information can be found from page 58

ART NO.:
95 36 320

Cable Cutter

Ratchet principle

Further variants on page 59 +



- Innovative three-stage ratchet-drive with high leverage for easy cutting in both one- and two-handed operation
- Cuts copper and aluminium cables up to 60 mm in diameter (600 mm²) in both one- and two-handed operation

> Fixed handle with support area for putting down the pliers when cutting
> For cables with single and multi-wire conductors (conductor classes 1 & 2 according to DIN EN 60228, VDE 0295, IEC 60228)



ART NO.:
95 36 315 A

Cable Cutter

Ratchet principle, for steel wire armoured cables (SWA cable)

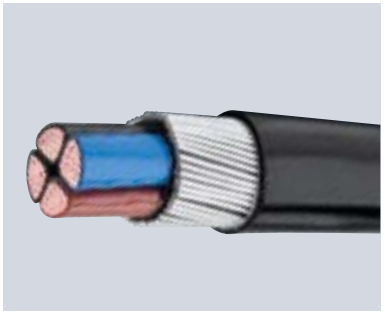
Further variants on page 59 +



- Innovative three-stage ratchet-drive with high leverage for easy cutting in one-hand and two-hand operation
- Cuts through steel wire armoured cables up to Ø 45 mm / 380 mm² (e.g. 4 x 95 mm²) using one or two-handed operation

> Fixed handle with support area for putting down the pliers when cutting
> For cables with single and multi-wire conductors (conductor classes 1 & 2 according to DIN EN 60228, VDE 0295, IEC 60228)





THE CLASSICS: CABLE CUTTERS AND CABLE SHEARS

Further variants on page 59 +

ART NO.:
95 12 500

up to Ø 27 mm
150 mm²

Cable shears



ART NO.:
95 17 500

up to Ø 27 mm
150 mm²

Cable shears



ART NO.:
95 32 038

up to Ø 38 mm
280 mm²

Cable shears

Telescopic handles



ART NO.:
95 32 100

up to Ø 100 mm
960 mm²

Cable cutter

Telescopic handles





With fine serration for precise cutting …



… and two crimping areas for standard wire ferrules sizes

Electricians' Shears 45°

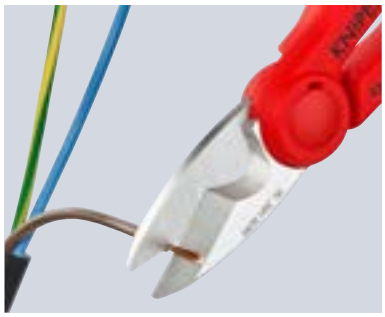
ART NO.:
95 05 20 SB

- 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 mm² and 10 - 25 mm²
> Includes opening spring and lock for easy storage
> Cutting edges made from stainless steel, hardness of cutting edges 56 HRC
> Practical belt pouch (00 19 75 LE) available separately







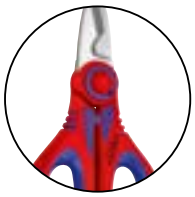
Electricians' Shears

ART NO.:
95 05 155 SB

Further variants on page 60 +

- Precision finish with micro-toothing for a clean cut
- Cutting edge with integrated cable cutter
- With plastic belt pouch

> Handles with multi-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



95 05 10 SB
with crimping function



Further product information can be found from page 59

PRECISE AND POWERFUL: THE RIGHT DIAGONAL CUTTER FOR EVERY JOB

Further variants on page 60 +

Diagonal Cutter

ART NO.:
70 06 160



The classic tool for everyday work

KNIPEX X-Cut®

ART NO.:
73 06 160



Also suitable for piano wire and precise cutting at the tip

High-Leverage Diagonal Cutter

ART NO.:
74 06 200



For very tough, continuous use

ART NO.:
78 06 125



Electronic Super Knips

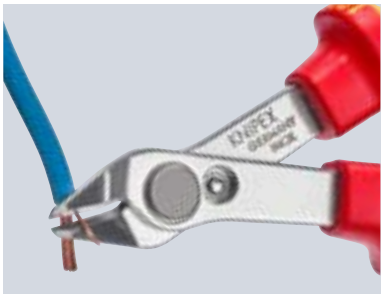
Further variants on page 60 +

- VDE-tested precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics

> Ground, very sharp cutting edges without bevel
> Shear cut with controlled micro cutting edge offset for the most precise cutting of even the thinnest of wires and for a long service life
> Precisely shaped tips cut wires close to a surface from Ø 0.2 mm
> With opening spring and opening limiter



Precision flush cutting of the thinnest wires all the way to the cutter tips



ART NO.:
78 61 140



Electronic Super Knips XL

- Additional 15 mm longer version: greater stability, greater cutting performance

> For ultra fine cutting work, e.g. in electronics and fine mechanics
> In particular for cutting cable ties to length
> Ground, very sharp cutting edges without bevel
> Shear cut with controlled micro cutting edge offset for the most precise cutting of even the thinnest of wires and for a long service life
> Precision-ground cutting edges without bevels with precisely shaped tips cut adjacent wires from Ø 0.2 mm precisely and evenly
> With opening spring and opening limiter





ART NO.:
78 61 150



KNIPEX Slim Knips

Comfortable to transport and reaches into tight, confined spaces

Further variants on page 60 +

- Compact storage, always ready - with excellent accessibility and lockable cutting edges for transport
- Space-saving pen-style design allows for cutting with a delicate touch and a clear view of the workpiece, even in tight and confined spaces

> Precisely shaped tips cut flush wires from Ø 0.2 mm and solid copper conductors up to Ø 1.6 mm, fine-stranded wires up to 4 mm²
> With opening spring for comfortable and repetitive use



78 03 150 V01 / 78 61 150 V01
Also available in a handy set:
KNIPEX Slim Knips and tool holster (78 09 LE)
for comfortable and safe transport!





Manage cable ties without changing tools – convenient tightening, flush cutting and large opening width for cutting





Electronics Diagonal Cutters

With box joint

ART NO.:
77 02 115

- Durable, load-optimised design with backlash-free box joint
- High, slim sleeves for fine and comfortable gripping between thumb and index finger

> Load-optimised for a more direct feel when working
> Low-friction double spring for smooth and even opening
> Cutters additionally laser hardened, cutter hardness at least 62 HRC







Precision Electronics Diagonal Cutters

With bolted joint

ART NO.:
79 02 125

> Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
> Very precisely ground and sharp cutting edges with very small bevels for exact cutting on delicate electronic components; also available without bevel for flush cutting
> Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
> Approx. 20% lighter than conventional electronics pliers
> Smooth-running double spring for a gentle and even opening



Further product information can be found from page 61

THE COMPLETE RANGE OF ELECTRONICS PLIERS

Full details at www.knipex.com

Gripping and cutting in all areas of electronics and precision mechanics.



PRODUCT FINDER

FOR WIRE STRIPPING TOOLS:

The different types of conductors and insulating materials require special tools for precise and clean stripping. Find the right tool for you here!








Product		Automatic Insulation Strippers					Precision		
		KNIPEX ComStrip	KNIPEX EvoStrip	KNIPEX MultiStrip 10	KNIPEX PreciStrip16	KNIPEX NexStrip®			
Art no.		**12 62 180**	**12 40 200**	**12 42 195**	**12 52 195**	**12 72 190**	**12 12 02**	**12 12 06**	**12 12 10**
Page		19	18	–	18	19	20		
Stripping capacity		0.2 – 6 mm²	0.03 – 10 mm²	0.03 – 10 mm²	0.08 – 16 mm²	0.03 – 10 mm²	0.09/0.14/0.38/0.57/1/1.5/2.08 mm²	0.25/0.75/1.5/2.5/4/6 mm²	2.5/4/6/10 mm²
Adjustable length stop		6 – 18 mm	3 – 22 mm	3 – 17 mm	4 – 18 mm	3 – 17 mm	5 – 20 mm	5 – 20 mm	5 – 20 mm
Cable cutter capacity	Single-wire	up to 2.5 mm²	up to 6.0 mm²	up to 6.0 mm²	up to 6.0 mm²	up to 6.0 mm²	–	–	–
	Fine-stranded	up to 6.0 mm²	up to 10.0 mm²	up to 10.0 mm²	up to 16.0 mm²	up to 10.0 mm²	–	–	–
Blade geometry									
Fine adjustment*		✓	✓	–	✓	✓	–	–	–
Crimping function (wire ferrules)		–	–	–	–	✓ 0.25 – 4 mm² / 2 x 2.5 mm²	–	–	–
Main areas of application									
Standard PVC insulation, normal insulation thicknesses, constant temperatures, e.g. FLRY (automotive industry)		✓	✓	✓	✓	✓	–	–	–
PVC insulation, varying insulation thicknesses, changing temperatures, e.g. NYM-J (domestic and building installation), H07V-K (cabinet)		✓	✓	–	✓	✓	–	–	–
Rubber insulation, different insulation thicknesses, changing temperatures, e.g. H07RN-F (electrically powered devices)		–	✓	–	✓	–	–	–	–
Hard, smooth and halogen-free insulation, different insulation thicknesses, changing temperatures, e.g. H07V-K UL (cabinet)		–	–	–	✓ **+ 12 49 32** 4 – 16 mm²	–	–	–	–
PTFE-insulated single core (connection and control cable, cabinet)		–	–	–	–	–	✓	✓	✓
FEP-insulated single core (connection and control cable, cabinet)		–	–	–	–	–	–	✓	–
PV cable, e.g. H1Z2Z2-K (photovoltaic systems)		–	–	–	–	–	–	–	–
Conductors made of PVC, TEFLON®, KYNAR®, TEFZEL®, MYLAR® (telecommunications, model making, electronics)		–	–	–	–	–	–	–	–
Optical fibre cable, e.g. A-DQ(ZN) B2Y (telecommunications)		–	–	–	–	–	–	–	–

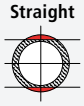
* Adjustment of the cutting depth to specific materials or temperature conditions

							
Insulation Strippers				**Mini Insulation Stripping Tools**		**Wire Stripper for fibre optics**	**Stripping Tool for fibre optics**
12 12 11	**12 12 12**	**12 12 13**	**12 12 14**	**12 80 040 SB**	**12 80 100 SB**	**12 82 130 SB**	**12 85 110 SB**
20				–	–	–	–
1.5 / 2.5 / 4 / 6 mm²	4 / 6 / 10 mm²	AWG 20 / 18 / 16 / 14 / 12 / 10	AWG 26 / 24 / 20 / 22 / 18 / 16	Ø 0.12 – 0.4 mm	Ø 0.3 – 1.0 mm	Ø 0.125 / 0.250 mm	Ø 0.125 mm
5 – 20 mm	5 – 20 mm	5 – 20 mm	5 – 20 mm	4 – 15 mm	4 – 15 mm	–	5 – 45 mm
–	–	–	–	–	–	–	–
–	–	–	–	up to Ø 1 mm	up to Ø 1 mm	–	–
						–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–
–	–	✓	✓	–	–	–	–
–	–	–	✓	–	–	–	–
✓	✓	–	–	–	–	–	–
–	–	–	–	✓	✓	–	–
–	–	–	–	–	–	✓	✓

Given the wide variety of possible insulation materials with different properties, such as material hardness and material thickness, it is not possible to guarantee perfect stripping results in every application. It is therefore the responsibility of the user to independently check the suitability and selection of the appropriate tool for the specific requirements. We are happy to offer advice and support on request.

Blade geometry

Straight



A small part of the insulation is cut, the rest is stripped off. In combination with fine adjustment, a wide variety of insulation materials can be stripped.

V-shaped



Most of the insulation is cut, only a small part is torn off. Ideally suited for solid NYM conductors andelastic insulation materials.

Parabolic



Most of the insulation is cut around the entire circumference of the cable. Ideal for materials such as halogenfree insulation and highly elastic materials.

Rings-haped



The insulation is cut all around. This blade shape enables form-fitting stripping with clean and precise results; it is suitable for almost all insulation materials, including difficult materials such as PTFE and Radox®.

ART NO.:
12 40 200

KNIPEX EvoStrip

Self-adjusting insulation stripper



- Effortless stripping in a large capacity range from 0.03 to 10.0 mm²/AWG 32 - 8
- No damage to the conductors thanks to automatic adaptation to different conductor cross-sections

> Versatile applications thanks to generous stripping range of 5 - 22 mm, and up to 25 mm without length stop
> Top-mounted cable cutter for copper and aluminium conductors offers maximum visibility: Embossed, visible and tangible arrow always shows the exact cutting position, clean cuts thanks to optimised cutting edge geometry for finely stranded conductors up to 10 mm², solid conductors up to 6 mm²







Precise, fine-step adjustment wheel

ART NO.:
12 52 195

KNIPEX PreciStrip16

Automatic wire stripper, self-adjusting



- Simple, precise stripping of fine wires and solid round cables with a wide capacity range from 0.08 to 16 mm² with only one pair of pliers
- Good grip provided by semi-circular grooved metal holding clamps; exact cut thanks to parabolic stripping blade
- An automatism regulates the depth of the cut; the neutral point of the automatism can be adjusted in fine steps in special operating conditions (insulation material, temperature)

> With adjustable length stop for precision work repeated accurately each time
> Additionally available: Blade block (12 49 32) for very hard halogen-free cables from 4 - 16 mm²











Fine adjustment enables precise setting of the cutting depth for special materials or temperature conditions

KNIPEX ComStrip

ART NO.:
12 62 180

The compact wire stripping pliers

- Perfect entry-level model: strips solid, multi-stranded and finely stranded conductors from 0.2 to 6 mm² with standard insulation without any need for manual adjustment
- With cable cutter for solid conductors up to 2.5 mm², extended cutting capacity for finely stranded conductors up to 6 mm²

> With adjustable length stop from 6 to 18 mm for consistently accurate stripping lengths
> Compact and handy tool with slim head for use in hard-to-reach work areas



KNIPEX NexStrip®

ART NO.:
12 72 190

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

> Quick, precise square crimp of single wire ferrules according to DIN 46228 parts 1+4, self-adjusts for sizes 0.25 - 4 mm² / 2 x 2.5 mm² – allows for quick crimping between different sizes
> Stripping with fine adjustment – for optimal adjustment to special materials or temperature conditions for flexible and solid conductors between 0.03 and 10 mm² (AWG 32 - 8)
> Clean cut of copper and aluminum conductors fine-stranded up to 10 mm² (AWG 8), solid up to 6 mm² (AWG 10)



Cutting



Stripping



2 x 2.5 mm² | 4 mm² | 2.5 mm² | 0.5 mm² | 0.25 mm²



Crimping



The fine adjustment enables reliable stripping even under special operating conditions



Further product information can be found from page 61

ART NO.:
12 12 06

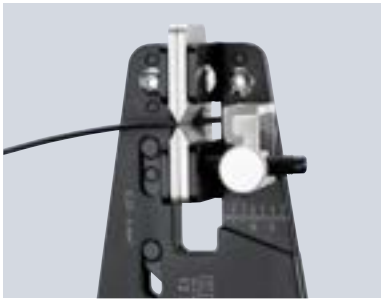
Precision Insulation Stripper

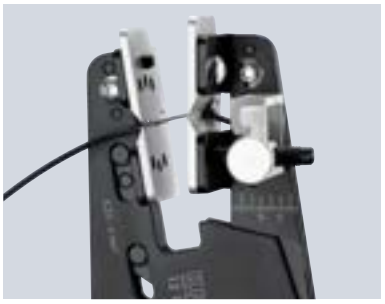
With adapted blades

Further variants on page 62 +

- Form-fit stripping (0.25 / 0.75 / 1.5 / 2.5 / 4.0 / 6.0 mm²) 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
- Blade: special tool steel, oil-hardened
- Pliers body: steel

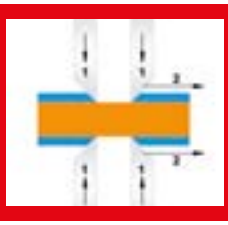



Precise cutting of the insulation to a complete extent


Positive stripping thanks to precise shape of the blades

PRECISELY AND RELIABLY

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



ART NO.:
11 06 160

Insulation Stripper

With opening spring, universal

Further variants on page 62 +

- For single, multiple and fine stranded conductors with plastic or rubber insulation up to Ø 5 mm or 10 mm²
- Easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut
- Special tool steel, forged, oil-hardened







13 66 180
KNIPEX StriX®
Wire stripper with cable shears







Automatic Stripping Pliers

ART NO.:
12 74 180

- For stripping flexible supply and extension cables, control and sensor/actuator cables
- Automatic adjustment to cables from Ø 4.4 mm to 7.0 mm, no damage to the conductors or the shielding braid
- Quick blade change when worn thanks to maintenance-friendly blade unit

> Suitable for cable sheaths made from highly flexible TPE-U, PUR, PVC and rubber, oil-resistant and halogen-free control and sensor/actuator cables, etc.
> Cable can be pushed through, therefore also suitable for longer stripping distances
> Low-effort work and maximum transmission of force thanks to ergonomic two-component handle with soft grip zone
> Effort-saving thanks to smooth-running mechanism





Automatic Flat Cable Stripping Pliers

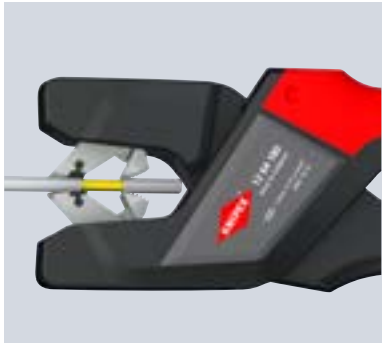
ART NO.:
12 64 180

- For stripping PVC-insulated flat cables up to max. 12 mm wide
- Automatic adaptation to cables from 0.75 mm² to 2.5 mm², therefore no damage to the conductors
- Quick blade change when worn thanks to maintenance-friendly blade unit

> Suitable for e.g. Twin & Earth or NM-B cables
> Cable can be pushed through, therefore also suitable for longer stripping distances
> Low-effort work and maximum transmission of force thanks to ergonomic two-component handle with soft grip zone
> Effort-saving thanks to smooth-running mechanism







Further product information can be found from page 62

ART NO.:
16 95 01 SB

KNIPEX ErgoStrip®

Universal stripping tool

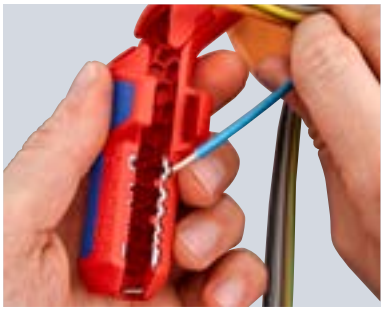
Further variants on page 62 +

- For fast and precise stripping of all common round and damp-proof installation cables (e.g. NYM cable 3 x 1.5 mm² up to 5 x 2.5 mm²), 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 mm²
> Simplified insertion of single wires for stripping using location ridges
> With opening spring and lock
> Easy insertion of coax and data cable thanks to opening aid



16 95 02 SB



Wire stripping on single conductors



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

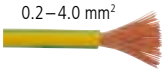
Ø 4.8 – 7.5 mm



CAT 5 – 7 UTP / STP



0.2 – 4.0 mm²



Ø 8 – 13 mm



0.2 – 4.0 mm²



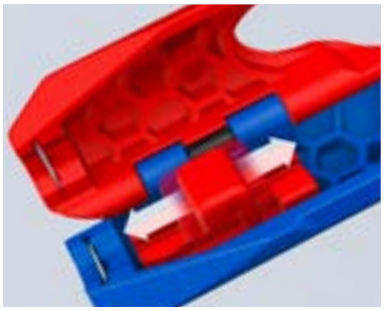
4 / 6 mm²





16 95 03 SB
KNIPEX ErgoStrip® PV

STRIPS EVEN TOUGH PV CABLES





16 95 03 SB: Length stop for PV cables: adjustable from 6 - 18 mm for repetitive stripping lengths, suitable for all standard solar connectors

ART NO.:
16 80 125 SB

Universal Stripping Tool

Further variants on page 63 +

> For stripping all common round and damp-proof installation cables between Ø 8.0 – 13.0 mm (e.g. 3 x 1.5 mm² up to 5 x 2.5 mm²)
> Also for use in conduit and distribution boxes
> Double shell, folding back stripping tool
> With opening spring and lock
> Practical clip for easy transport



16 85 125 SB
Also features a longitudinal cutter and a slide-out blade





16 85 125 SB: Stripping device for cross-sections 0.2 / 0.3 / 0.8 / 1.5 / 2.5 / 4 mm², with integrated cable guide for longitudinal cut





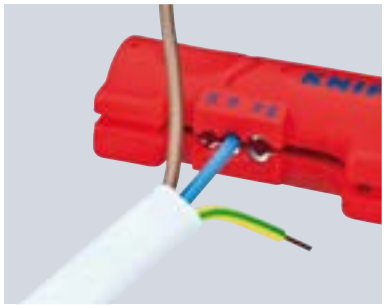
Wire Stripping Tool

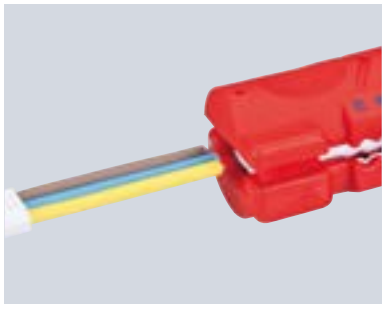
For coax and data cable

ART NO.:
16 60 06 SB

- Universal stripping tool for Coax cables RG 59, RG 6, RG 7, RG 11
- For stripping outer sheath, shield and insulation in a single process
- Adjustable stripping blade for data cables
- Two stripping blades for trimming and de-sheathing phone ribbon cables (4P/6P/8P) in one work step
- Integrated blade for trimming data cables







Stripping Tool

For flat and round cable

ART NO.:
16 64 125 SB

- For flat cables up to 12 mm in width
- For stripping all common round and damp-proof installation cables Ø 4.0 to 13.0 mm (e.g. NYM cable 3 x 1.5 mm² up to 5 x 2.5 mm²)
- Stripping device for cross-sections 0.8/1.5/2.5 mm² (AWG 20/16/14)
- With opening spring and lock
- Also for use in conduit and distribution boxes



Further product information can be found from page 63

MORE STRIPPING TOOLS

Further variants on page 63 +

ART NO.:
16 60 05 SB



ART NO.:
16 60 100 SB



ART NO.:
16 65 125 SB



ART NO.:
16 20 16 SB

Stripping Tool

With scalpel blade

Further variants on page 63 +

- For stripping all common round cables (Ø 4.0 – 16.0 mm)
- Self-tightening holding lever
- With adjusting screw for cutting depth adjustment
- Turnable blade for circular and longitudinal cutting
- Spare blade inside the handle
- Secure grip due to soft component material on handle and holding lever to avoid slipping



16 20 165 SB
with knife





16 20 165 SB: Knife with straight blade and hook blade, protective cap included

ART NO.:
16 30 135 SB

Stripping Tool

For spiral cutting

Further variants on page 63 +

- For stripping round cable sheaths (Ø 6 – 29 mm) made of PVC, rubber, silicone or PTFE
- Self-tightening holding lever
- With knurled nut for cutting depth adjustment
- Changing from circular to longitudinal cutting by turning the tool body
- Spiral cutting for removing intermediate pieces
- Replaceable blade
- Housing: high-impact resistant plastic







ART NO.:
16 45 220

KNIPEX STX60

Stripping tool for hard and tough cable sheaths Ø 30 – 60 mm

- Quick stripping of cable sheaths made of PVC, rubber or PUR by circumferential and longitudinal cuts
- Single-handed quick adjustment enables the cutting blade to slide to any cable diameter from 30 to 60 mm with a single press of the thumb
- Precision blade with adjustable cutting depth up to 6.5 mm for precise cutting results; even with tough insulation such as rubber hose cables (H07RN-F)

- Completely retractable blade – protected during storage and transport
- Movable guide rollers for easier, precise longitudinal and circumferential cuts



Spare blade inside the handle



Precision blade with adjustable cutting depth up to 6.5 mm for precise cutting results



Quick change between cable diameters with quick adjustment and fine adjustment with the rotary knob



Circular cut: clean, spiral-free cut due to a precise blade and high-quality guide rollers



Manual longitudinal cut with fold-out pulling aid or with mechanical ratchet for effortless feed



For pushing or pulling: two blade segments for lengthwise cutting



Third blade segment for round cutting



Ratchet function enables stripping with more comfort and less effort

Stripping Knife

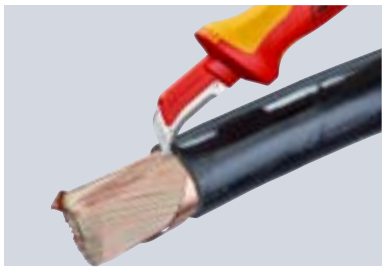
With guide shoe and ratchet function

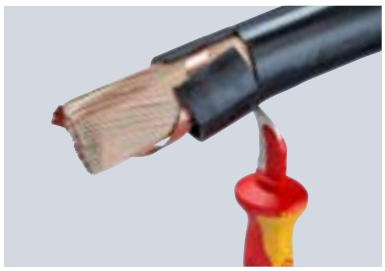
ART NO.:
16 50 145 SB

- Ratchet function: easy cutting even for a variety of cable sheaths
- Versatile blade with three cutting areas for round and lengthwise cuts
- Guide shoe protects the conductor insulation under the cable sheath

> Cuts very hard or tough plastic sheaths up to 7 mm wall thickness
> Sickle-shaped, replaceable hook blade can be folded for safe transport
> Blade with four positions: folded, straight, angled and ratcheting
> Three-stage blade lock for safe handling and transport
> Ergonomically designed, comfortable handle
> With integrated tether attachment point for a tool tether







Stripping Knife

With guide shoe

ART NO.:
98 55

> Ergonomically designed handle shape with comfortable slip guard
> Particularly confident grip thanks to slip-proof soft components
> Recess for the index finger and finger hook at the end of the handle ensure a good transmission of force when the blade is pulled
> Transparent protective cap
> Solid, fixed hook blade, sickle shaped
> With guide shoe at the blade point



Further product information can be found from page 64

MORE STRIPPING TOOLS

Further variants on page 64 +

ART NO.:
98 52

Cable Knife



ART NO.:
98 54

Cable Knife



ART NO.:
98 53 03

Stripping Knife



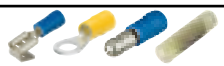
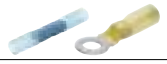
ART NO.:
98 53 13

Stripping Knife

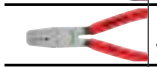
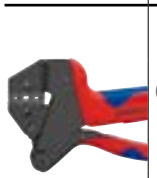


PRODUCT FINDER

FOR CRIMPING PLIERS

		Illustration																					
		Product											Crimp System Pliers										
		Art no.											97 43 200 A				97 43 200						
		Page											30										
		Crimping die	97 49 04*	97 49 05*	97 49 06*	97 49 06 PI*	97 49 07*	97 49 08*	97 49 09*	97 49 10*	97 49 14*	97 49 16*	97 49 18*	97 49 19*	97 49 21*	97 49 23*	97 49 57*	97 49 58*	97 49 59*	97 49 66*
		Crimp profile																		
	Illustration	Cable mm² ▶	0.1–2.5	0.5–6	0.5–6	0.5–6	0.5–6	0.25–6	10–25	0.5–2.5	0.5–10	10–16	2x6–2 x16	35–50	0.1–0.5	16–25	4–10	2.5–6	2.5–10	2.5–6
		Plug connectors ▼																		
Wire Ferrules		With or without plastic collar	–	–	–	–	–	✓	✓	–	–	–	–	✓	–	–	–	–	–	–
		Twin wire ferrules with plastic collar	–	–	–	–	–	–	–	–	–	–	✓	–	–	–	–	–	–	–
Terminals and plug connectors		Insulated terminals and plug connectors	–	–	✓	✓	–	–	–	–	–	✓	–	–	✓	–	–	–	–	–
		Non-insulated terminals and plug connectors	–	–	–	–	–	–	–	✓	✓	–	–	–	✓	✓	–	–	–	–
		Heat shrinkable sleeve connectors	–	–	–	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–
		Non-insulated plug connectors 2.8 mm	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Non-insulated plug connectors 4.8 mm	✓	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		Non-insulated plug connectors 6.3 mm	–	✓	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Photovoltaics		MC4®	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓
		MC4® Evo 2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓
		H4™ S & F[1]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓	–	–
		H4™ CF[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓	–	✓	–
		H4 Plus™ S & F[1]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓	–	–
		H4 Plus™ CF[2]	–	–	–	–	–	–	–	–	–	–	–	–	–	–	✓	–	–	–

[1] S & F = stamped and formed | [2] CF = cold formed | * Crimping dies not included in delivery

	Crimping pliers with front loading	97 8X 180	34				0.5–6	●															
	Crimping pliers with mandrel crimp	97 7X 180	34				0.25–16	●															
	Crimping pliers with trapezoidal crimp	97 6X 145	34				0.25–2.5	●															
	KNIPEX Twistor®	97 53 19	28				0.14–10/ 2x0.5–2x6	●	●														
		97 53 18					0.14–16/ 2x0.5–2x6	●	●														
	Self-adjusting crimping pliers	97 53 09	29				0.14–16/ 2x0.5–2x6	●	●														
	Self-adjusting crimping pliers	97 53 14	28				0.14–16/ 2x0.5–2x10	●	●														
		97 53 04					0.14–16/ 2x0.5–2x6	●	●														
	KNIPEX PreciForce	97 52 42 6	29				6									●	●						
		97 52 42					4–6									●	●						
		97 52 38					0.25–6	●															
		97 52 37					0.5–6					●											
		97 52 36					0.5–6			●													
		97 52 35					0.5–6							●	●								
		97 52 34					0.1–2.5						●	●									
		97 52 33					0.5–10				●												
	KNIPEX MultiCrimp	97 33 LE	32		97 39 42		4–6									●	●						
					97 39 13		0.5–10				●												
					97 39 09		10–25	●															
					97 39 08		0.25–6	●															
					97 39 06		0.5–6			●													
					97 39 05		0.5–6							●	●								
	Crimp System Pliers	97 43 66 EVO	31		97 49 71		4–10										●						
		97 43 66			97 49 66		2.5–6									●	●						
		97 43 06			97 49 06		0.5–6			●													
		97 43 05			97 49 05		0.5–6							●	●								
					97 49 71*		4–6/4–10									●	●						

ART NO.:
97 53 04

Self-Adjusting Crimping Pliers for wire ferrules

With lateral access

Further variants on page 64 +

- Automatic adjustment for wire ferrules from 0.08 – 16 mm², square crimp profile

> Also for twin wire ferrules up to 2 x 6 mm² or 2 x AWG 12 (97 53 14: up to 2 x 10 mm² or 2 x AWG 8)
> Reliable and consistently high crimp quality thanks to trigger lock in accordance with IEC 60352
> Force magnified by lever action to ensure fatigue-free working
> Comfortable handles, smooth operation and lightweight







97 53 14
with hexagonal compression



97 55 04/14
Also available in chrome-plated





The crimping pliers can be adjusted to large wire ferrules of ❶ 16 mm² or ❷ 2 x 10 mm² with the adjusting wheel.



ART NO.:
97 53 18

KNIPEX Twistor16®

Self-adjusting crimping pliers for wire ferrules with rotatable crimp head

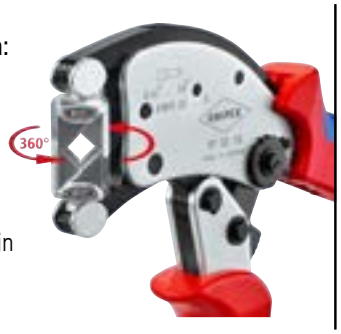
Further variants on page 65 +

- Automatic adjustment for wire ferrules from 0.14 – 16 mm², square crimp profile
- Wire ferrules can be crimped from almost any working position: crimp head can be rotated 360°, with 8 locking positions
- Crimping opening accessible from both sides; extra-long wire ferrules can be pushed through

> Also for twin wire ferrules up to 2 x 6 mm² or 2 x AWG 12
> Reliable and consistently high crimp quality thanks to trigger lock in accordance with IEC 60352
> Force magnified by lever action to ensure fatigue-free working



97 53 19
with trapezoid crimp



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









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

Self-Adjusting Crimping Pliers for wire ferrules

ART NO.:
97 53 09

With front loading

Further variants on page 65 +

- Automatic adjustment for wire ferrules from 0.08 – 10 mm², convertible to 16 mm², square crimp profile
- Frontal insertion of the wire ferrules into the pliers

> Handy shape and low weight provide high operation comfort
> Reliable and consistently high crimp quality thanks to trigger lock in accordance with IEC 60352
> Force magnified by lever action to ensure fatigue-free working
> With selector lever for setting the crimping area either to 0.08 - 10 mm² or 16 mm²



Front loading of wire ferrules e.g. in switchboards







KNIPEX PreciForce

ART NO.:
97 52 42 6

Crimping pliers for MC4®/MC4® Evo 2 photovoltaic connectors

Further variants on page 65 +

- With just one tool: cut, strip and crimp 6 mm² conductors
- For installation, repair and maintenance of photovoltaic systems

> With improved crimp geometry for very good conductivity
> Reliable and consistently high crimp quality thanks to trigger lock in accordance with IEC 60352
> Precise, factory calibrated crimping pressure
> Crimping die is not exchangeable



Cutting



Stripping



Crimping





Further product information can be found from page 65

ART NO.:
97 43 200 A

Crimp System Pliers

For exchangeable crimping dies

Further variants on page 65 +



- Only one tool for almost 1000 crimping applications: usable with all crimping dies and locators 97 49 XX
- Crimping dies for applications that go beyond the range offered are available on request
- Optimal crimping results thanks to an almost parallel crimping motion

> Numerous contact positions available for precise positioning
> Reliable and consistently high crimp quality thanks to trigger lock in accordance with IEC 60352



97 43 200: also available in a plastic case



97 43 200 A with the optionally available crimping die 97 49 09 for ferrules

ART NO.:
97 43 E

KNIPEX eCrimp

Electromechanical Crimp System
Pliers for exchangeable crimping dies



- Compatible with all crimping dies and locators 97 49 xx for the mechanical crimping system pliers (97 43 200)
- Strong electromechanical drive, no hydraulic components, no leakages

> Long servicing intervals (up to 25.000 crimping actions): high availability without downtimes while being serviced
> LED working light for targeted illumination of the crimping area
> Max. pressing force of the jaws approx. 11 kN with low noise level







Crimp System Pliers for MC4® and MC4® Evo 2

ART NO.: **97 43 66**

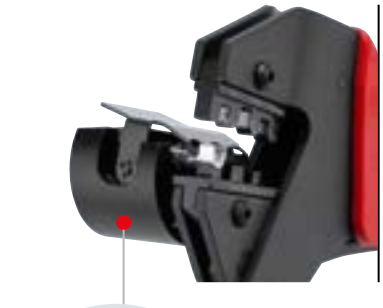
For MC4® and MC4® Evo 2 connectors (up to 6 mm²)





- Pre-configured for MC4® and MC4® Evo 2 crimp contacts, capacity 2.5/4/6 mm², compatible with all other crimping dies and locators 97 49 XX
- Crimping dies for applications that go beyond the range offered are available on request
- Optimal conductivity thanks to virtually parallel crimping action

> The optionally available locators 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
> Reliable and consistently high crimp quality thanks to trigger lock in accordance with IEC 60352
> Force magnified by lever action to ensure fatigue-free working





The included locator ensures exact positioning of the connectors during crimping

Crimp System Pliers for MC4® Evo 2

ART NO.: **97 43 66 EVO**

For MC4® Evo 2 connectors (up to 10 mm²)





- Specially modified and pre-configured for MC4® Evo 2 crimp contacts, capacity 4/6/10 mm², compatible with all other crimping dies and locators 97 49 XX
- Crimping dies for applications that go beyond the range offered are available on request
- Optimal conductivity thanks to virtually parallel crimping action

> For one- and two-handed operation
> Reliable and consistently high crimp quality thanks to trigger lock in accordance with IEC 60352
> Force magnified by lever action to ensure fatigue-free working

ACCESSORIES

Set of Mounting Tools

ART NO.: **97 49 66 3**

for solar connectors MC4® and MC4® Evo 2

Set of two assembly tools (connected magnetically) for tightening the housing screw connection and unlocking the plug connection





ART NO.: **97 49 66 3**



Further product information can be found from page 67

ART NO.:
97 33 LE

KNIPEX MultiCrimp

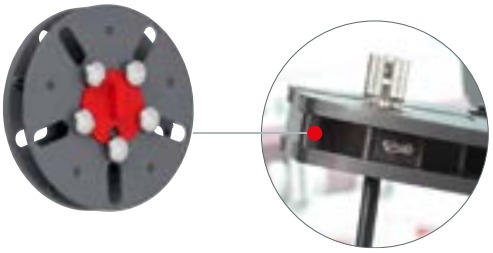
Crimping Pliers with changer magazine

Further variants on page 67 +



- Universal, high-performance crimping pliers of professional quality
- Just one tool to cover standard crimping applications
- Quick and easy change of crimping dies without additional tools

> Can be customised with crimping dies from the 97 39 XX series
> Reliable and consistently high crimp quality thanks to trigger lock in accordance with IEC 60352
> Safe, protected storage for interchangeable inserts in a rotary magazine



Clearly visible marking on the crimping dies with pictograms

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







ART NO.:
97 52 67 DT

Four-Mandrel Crimping Pliers

For DEUTSCH contacts





- Crimps all turned pin and socket contacts of the DEUTSCH series from TE Connectivity
- Comprehensive capacity: from 0.35 mm² to 3.0 mm² (AWG 22 - 12)

> Synchronous feed of the four mandrels achieves optimum crimping results with eight indentations (4 / 8-Indent)
> Universal locator for flexible adjustment to all contact lengths
> Process reliability through integrated forced completion, with emergency release
> Ergonomic design for low-fatigue work: optimised opening width, comfortable multicomponent grips, low manual force required due to lever transmission
> Suitable for the conector series AEC, DRB, DRC; DT, DTHD, DTM, DTP, DTV; HD10, HD30, HDP20; STRIKE, Jiffy Splice
> Optionally available: Go/NoGo plug gauges for checking the pliers:
97 59 67 1 – Go limit plug gauge;
97 59 67 2 – NoGo limit plug gauge



Easy adjustment of crimp depth via an adjustment disc with 8 settings



Four-Mandrel Crimping Pliers for turned contacts

ART NO.:
97 52 63 DG A

For hundreds of contact types in industry, mechanical engineering and construction machinery

Further variants on page 68 +

- Basic pliers without locator for crimping turned pin and socket contacts from various manufacturers with 0.08–2.5 mm² (AWG 28–14)

> Crimp mandrel feed adjustable in increments of 0.01 mm and digitally readable; setting in mm, inch or comparable selector settings according to MIL standard
> Electronic wear monitoring (patented) with warning function
> Reliable crimping thanks to synchronised feed of the crimping mandrels
> Process-secure and consistently high crimp quality thanks to IEC 60352-compliant trigger lock (positive lock, can be unlocked)
> With recalibration function; check basic setting using the enclosed test pin
> The range of applications of the crimping pliers can be extended by exchanging the contact holders of various contact manufacturers
> Easy to use thanks to its ergonomic design

DG variants with digital Display and electronic wear monitoring (patented) with warning function





SCOPE OF DELIVERY
Pliers in plastic case with foam tray, gauge pin for checking the basic setting and slots for up to 3 optional locators from the 97 59 63 / 65 xxx series

KNIPEX FOUR-MANDREL CRIMPING SYSTEM PLATFORM

1 SELECT PLIERS



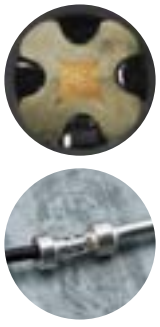
2 SELECT LOCATORS



3 ONLINE: CHECK SETTINGS TABLE

For the setting values

4 RESULT



The application range of the crimping pliers can be **adapted to the connectors of all major manufacturers by replacing the locators!** Find the right locator with our **Crimp advisor** https://www.knipex.com/product-assistant-crimping-pliers

Further product information can be found from page 68

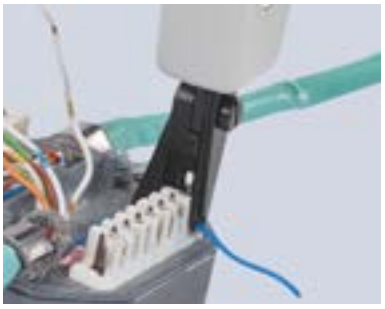
ART NO.:
97 40 10



Insertion Tool

For LSA-Plus and identical construction design

> Tool for putting on boards, sockets and fields
> Pushing down and cutting in one operation
> For UTP and STP cables, conductor Ø 0.4 – 0.8 mm
> With integrated pulling hook and release blade
> Housing: high-impact resistant plastic



Inserts and cuts cables in one operation

ART NO.:
97 40 20 SB



Compression Tool

For coax connectors

- For crimping F, BNC and RCA connectors

> Suitable for RG 59/6/11 cable
> Rotatable head for different cable sizes
> Rotatable insert for various types of connector
> Adjusting screw for various connector lengths



ART NO.:
97 21 215





Crimping Pliers

For insulated cable lugs and cable connectors

Further variants on page 68 +

- For 0.5 – 6.0 mm²

> 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



FURTHER CRIMPING TOOLS FOR WIRE FERRULES

Further variants on page 69 +

ART NO.:
97 68 145 A

Crimping Pliers for wire ferrules



With trapezoid crimp

ART NO.:
97 78 180

Crimping Pliers for wire ferrules



With mandrel crimp

ART NO.:
97 81 180

Crimping Pliers for wire ferrules



With front loading

Crimp Assortment

Further variants on page 69 +

- In a TANOS MINI-systainer® (solid plastic box)
- T-Loc fastener for one-handed operation: open or close the systainer® with one turn and connect to a second systainer®
- Opening when connected: fast and simple access to content without disconnecting
- Two stackable plastic inserts with 6 trays each for connectors



97 90 00 LE

ART NO.:
97 90 14



For wire ferrules

- With crimping pliers for wire ferrules KNIPEX Twistor® 16 97 53 18 and automatic insulation stripper KNIPEX PreciStrip16 12 52 195

ART NO.:
97 90 21



For cable connectors

- With crimping pliers KNIPEX PreciForce 97 52 36

Further product information can be found from page 69



ART NO.:
13 96 200

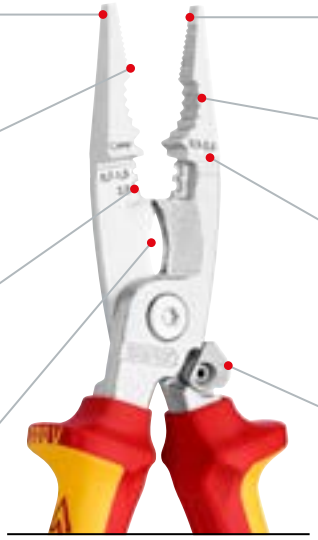
Electrical Installation Pliers

Further variants on page 70 +

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







Distinctive outer edge
For deburring plastic and aluminium conduit

Material-friendly profiled
Gripping surface, flattened for a firmer, damage-free grip

Stripping holes
For conductors of 0.75 - 1.5 mm² and 2.5 mm²

Shear blade
For cutting copper cables up to Ø 15 mm (5 x 2.5 mm²)

Smooth gripping surface
For gentle gripping, flattening, round shaping

Pipe grip
Round parts and cables

Universal crimping
Die for ferrules from 0.5 to 2.5 mm²

Integrated locking pawl
When the locking pawl is engaged, the cutting edges remain closed whilst the other functions are retained with a comfortable grip width

ART NO.:
13 76 200 ME

KNIPEX WireStripper

Metric version

- Versatile 5-in-1 combination pliers for electrical installation: cut cables, strip conductors, twist, deburr and 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 conduit

Pipe grip
Round parts and cables

Positioning bars
For faster stripping through precise positioning of the conductor

Shear blade
For cutting copper cables up to Ø 15 mm (5 x 2.5 mm²)

Cross-toothed gripping
Surfaces for reliable gripping, holding and bending of flat and round materials

Milled gripping groove
For secure holding and pulling of small workpieces such as nails, pins and bolts

Gripping surfaces with special
Convex contour on one side for secure gripping of flat parts

Precision stripping holes
For solid conductors from 0.75 - 6 mm² and fine-stranded conductors from 0.5 - 4 mm²

Stripping Pliers

- Multifunctional – cutting and stripping with one pair of pliers
- For time-saving stripping of all round sheathed and damp-proof installation cables (e.g. NYM cable)

> Wide range of applications: precision stripping holes for single conductors of 1.5 and 2.5 mm²
> With side cutters for cutting and trimming conductors, wires, small screws and nails
> All cutting edges additionally induction-hardened to approx. 61 HRC for high wear resistance



ART NO.:
13 46 165

Diagonal Insulation Stripper

- With long cutter
- High cutting capacity due to high transmission ratio

> Precision stripping holes for single conductors of 1.5 and 2.5 mm²
> Convenient cutting of NYM cables up to 5 x 2.5 mm²
> Long tips for ultra fine cutting work also in confined areas
> Induction-hardened precision blades, cutting edge hardness approx. 60 HRC



ART NO.:
14 26 160

Combination Pliers

The multi-purpose pliers

Further variants on page 71 +

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



ART NO.:
03 06 180

Combination Pliers

Robust multi-purpose pliers

Further variants on page 71 +

- For heavy duty use due to wear-resistant gripper jaws

> With cutting edges for soft, hard and piano wire
> Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC



ART NO.:
01 06 160

High-Leverage Combination Pliers

Particularly powerful all-purpose pliers

Further variants on page 71 +

- 35% less effort required than with conventional combination pliers

> Easier work due to optimised leverage
> Easier cutting, powerful gripping, bending and pulling



ART NO.:
02 06 180

Needle-Nose Combination Pliers

Precision-gripping all-purpose pliers

Further variants on page 72 +

- Easy cutting thanks to the high leverage joint

> Long service life and stable tips
> Milled groove in the gripping area permits small parts such as nails, pins and bolts to be held and pulled



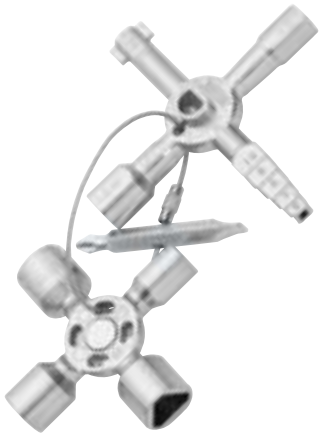
ART NO.:
08 26 145

Further product information can be found from page 71

ART NO.:
00 11 01

KNIPEX TwinKey®

The most universal control cabinet key

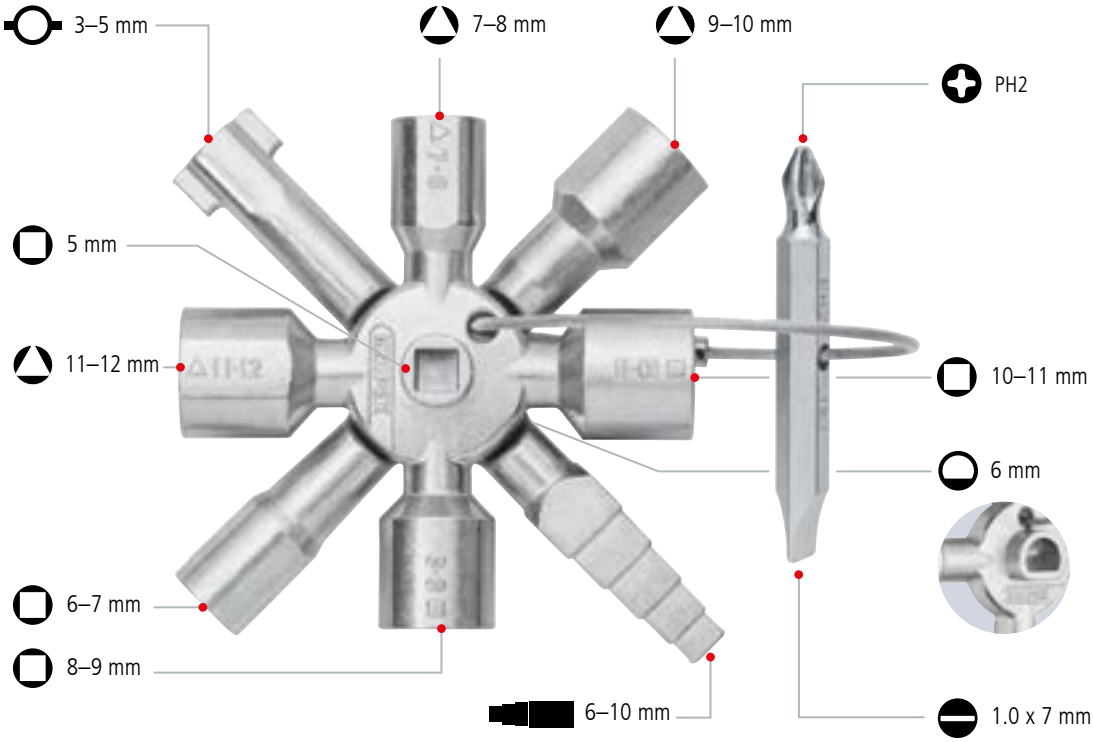


- 10 profiles. 2 crosses. 1 key.
- For all common locking systems

> 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
> For 6 different locking systems







OTHER CONTROL CABINET KEYS

Further variants on page 72 +

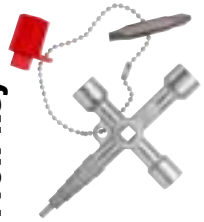
ART NO.: **00 11 03**

Standard Key



ART NO.: **00 11 04**

Profi-Key



ART NO.: **00 11 06**

Universal Key



ART NO.: **00 11 06 V03**

Double-Joint foldable



ART NO.: **00 11 06 V04**

Joint-Key Quadro foldable





25 06 160



Snipe Nose Side Cutting Pliers

Radio Pliers

Further variants on page 73 +

- Half-round, long, tapered jaws
- Suitable for finer gripping and cutting work, also on easy and semi-difficult to reach areas

> Knurled gripping surfaces
> With cutting edges for soft, medium-hard and hard wire
> Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC

ART NO.: **25 26 160**





26 26 200



Snipe Nose Side Cutting Pliers

Stork Beak Pliers

Further variants on page 73 +

- Half-round, long, tapered jaws
- Distortion-tolerant, elastic precision tips
- Suitable for finer gripping and cutting work, also on easy and semi-difficult to reach areas

> With cutting edges for soft, medium-hard and hard wire
> Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC

ART NO.: **26 16 200**



OTHER GRIPPING PLIERS

Further variants on page 73 +

ART NO.: **20 06 160**

Flat Nose Pliers



ART NO.: **22 06 160**

Round Nose Pliers



ART NO.: **30 16 160**

Long Nose Pliers



ART NO.: **30 36 160**

Long Nose Pliers



PLASTIC PLIERS (98 62 01 AND 98 62 02)

KNIPEX presents high-quality and sturdy plastic pliers featuring protection against bridging for working on live parts up to AC 1000V and DC 1500V. These solid plastic pliers do not act on magnetic fields either and they are fully spark-free.

ART NO.:
98 62 01



Plastic Flat Nose Pliers

Insulating

> Fully insulating to reduce risk of short circuit
> For meter assembly and meter blocking
> Class C; range of use up to -40°C
> Handles with soft plastic zone for better grip





ART NO.:
98 62 02



Plastic Snipe Nose Pliers

Insulating

> Fully insulating to reduce risk of short circuit
> For meter assembly and meter blocking
> Class C; range of use up to -40°C
> Handles with soft plastic zone for better grip





ART NO.:
86 06 250



Pliers Wrench

Pliers and a wrench in a single tool

- Replaces the need for sets of metric and imperial spanners
- Smooth jaws for the gentle assembly of fittings with surface finishes – work directly on chrome!

> Great for gripping, holding, pressing and bending workpieces
> Zero backlash jaw pressure prevents damage to edges of sensitive surfaces
> No unintentional shift of the gripping jaws and no slipping of the joint







KNIPEX Cobra® VDE

High-Tech Water Pump Pliers

ART NO.:
87 26 250

Further variants on page 74 +

> Adjustment by sliding one jaw directly on to the workpiece: fast, reliable and comfortable handling
> Fine adjustment: allows optimum adjustment to differently sized workpieces and comfortable handle position
> Good access to the workpiece due to slim size of head and joint area
> Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working



The adjustment action to adapt to the workpiece is easy and reliable with the KNIPEX Cobra® VDE: place the upper gripping jaw of the opened pliers on the workpiece, push pliers to close, done!



KNIPEX Alligator®

Water Pump Pliers

ART NO.:
88 06 250

Further variants on page 74 +

- Good access to the workpiece due to slim size of 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
> Robust construction, insensitive to dirt; particularly suitable for outdoor work







Siphon and Connector Pliers

ART NO.:
81 13 250

- Ideal for tightening and loosening bayonet and screw connections, for example on connectors or inverters
- Fine adjustment for ideal adjustment to diverse diameters
- Also suitable for oil filters, plastic pipes and siphons

> For connectors and couplings with screw connection, such as Cannon circular connectors

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



Further product information can be found from page 74

ART NO.:
92 37 64

Precision Tweezers

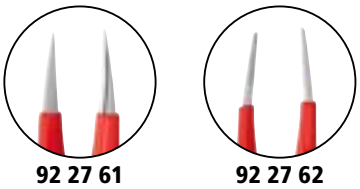
Insulated

Further variants on page 74 +

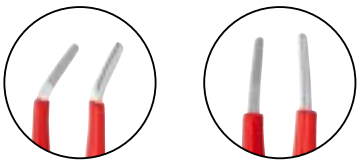
- With insulated handles for working on electrical installations: safety up to 1000 V
- For a wide range of requirements and applications in the electronics industry
- Antimagnetic to avoid electromagnetic damage
- High-quality stainless steel: extremely tough and very good corrosion resistance against a variety of atmospheric environments and many corrosive materials



Precision tweezers also available as a set: page 92



92 27 61 **92 27 62**



92 47 01 **92 67 63**



ART NO.:
90 10 165 BK

KNIPEX CutiX

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
- Fixed blade due to high-quality blade locking: Secure fit when cutting, pushing and scraping

- Robust, durable magnesium housing: as light as plastic, strong as die-cast aluminium
- Original equipment with high quality snap-off blades and two spare blades in the handle, which can be changed without any tools





Suitable for almost all standard 18 mm snap-off blades



The innovative blade stabilisation allows you to securely apply more pressure directly on the blade.



Ergonomic shape with numerous grip zones ensures safe and precise work.

ART NO.:
16 20 50 SB

Folding Knife for Electricians

- Universal folding cutter for everyday use
- Durable and robust: top quality, extremely sharp blade – Made in Solingen

- Ergonomic handle shape for comfortable holding and easy guidance
- Handle made from robust, shock-resistant plastic
- Good power transmission during use
- Stable blade
- With tether attachment point, suitable for KNIPEX Tethered Tools accessories
- Blade made of stainless steel





Easy opening thanks to the practical diamond-shaped grip on the blade



For KNIPEX Tethered Tools: the tether attachment on the handle allows a fastener to be attached



The blue latch enables the folded KNIPEX BiX to be locked safely for transport.



KNIPEX BiX

ART NO.:
90 22 10 BK

Cutter for plastic pipes and sealing sleeves

- Clever pipe cutter: cuts pipes without shavings and fits comfortably in the hand
- Can cut high-temperature plastic drain pipes and electrical conduits in next to no time

> Cuts unreinforced plastic pipes from Ø 20 to 56 mm with a wall thickness of up to 2.4 mm
> Cuts soft plastic pipes and those with foam cores from Ø 20 to 56 mm with a wall thicknesses of up to 3.5 mm
> Cuts sealing sleeves approx. 2-3 mm from the wall
> Rotatable knife block for cutting plastic pipes (blade in the middle) and sealing sleeves (blade outside)





The replacement blades are easily accessible inside the KNIPEX BiX







Pipe Cutter

ART NO.:
94 10 185

For plastic conduit pipes

- For clean cutting of thin-walled plastic pipes (e.g. plastic conduit pipes) with Ø 6.0 – 35.0 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



Replaceable blade made of special tool steel





KNIPEX PlastiCut®

ART NO.:
90 20 185

Cutter for flexible hoses and plastic conduit pipes

- For cutting thin-walled plastic pipe (such as plastic protective outer pipe) and plastic and rubber hose, including fabric-reinforced, up to 25 mm outer diameter

> With opening spring and lock
> Ergonomically shaped handles made of glass fibre reinforced plastic
> Not for cable cutting



Replaceable blade made of special tool steel



Further product information can be found from page 75

ART NO.:
90 22 02 SB



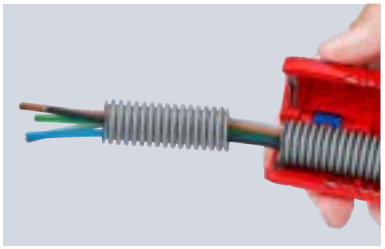
KNIPEX TwistCut®

Corrugated pipe cutters

Further variants on page 75 +

- 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 thanks to unique arrangement of the cutters with side guide
> With stripping blades for cross-sections 0.2 / 0.3 / 0.8 / 1.5 / 2.5 / 4.0 mm²



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



Practical locator simplifies the insertion of single conductors for stripping

KNIPEX TUBIX® – SPECIALISTS FOR METAL PIPES

Further variants on page 75 +

KNIPEX TubiX® S

Pipe cutter for small pipes

> Cuts metal pipes with Ø 3–30 mm (1/8"–1 1/8") and wall thicknesses up to 2 mm
> Pipe diameter can be preset with the scale and clipped on to the pipe by spring-loaded cutting wheel
> QuickLock locking mechanism: independent holding and clamping on the pipe

ART NO.:
90 31 01





KNIPEX TubiX®

Pipe cutter for the most common pipes

> Cuts metal pipes with a diameter of Ø 6–35 mm (1/4"–1 3/8") and wall thicknesses up to 2 mm
> Removable, precision-ground deburring tool
> QuickLock locking mechanism: independent holding and clamping on the pipe

ART NO.:
90 31 02 BK





KNIPEX TubiX® XL

Pipe cutter for large pipes

> Cuts metal pipes with a diameter of Ø 6–76 mm (1/4"–3") and wall thicknesses up to 2 mm
> Removable, precision-ground deburring tool
> QuickLock locking mechanism: independent holding and clamping on the pipe

ART NO.:
90 31 03 BK





SPECIAL TOOLS

ART NO.:
90 61 16



90 61 16

90 61 20

Notching Pliers

Further variants on page 76 +

ART NO.:
94 15 215



Cutter for ribbon cable

ART NO.:
94 55 200



Anvil Shears

ART NO.:
95 02 21



Vinyl Shears, also suitable for cable ducts

ART NO.:
95 03 160 SB



Shears for KEVLAR® fibres

ART NO.:
95 05 190



95 05 185



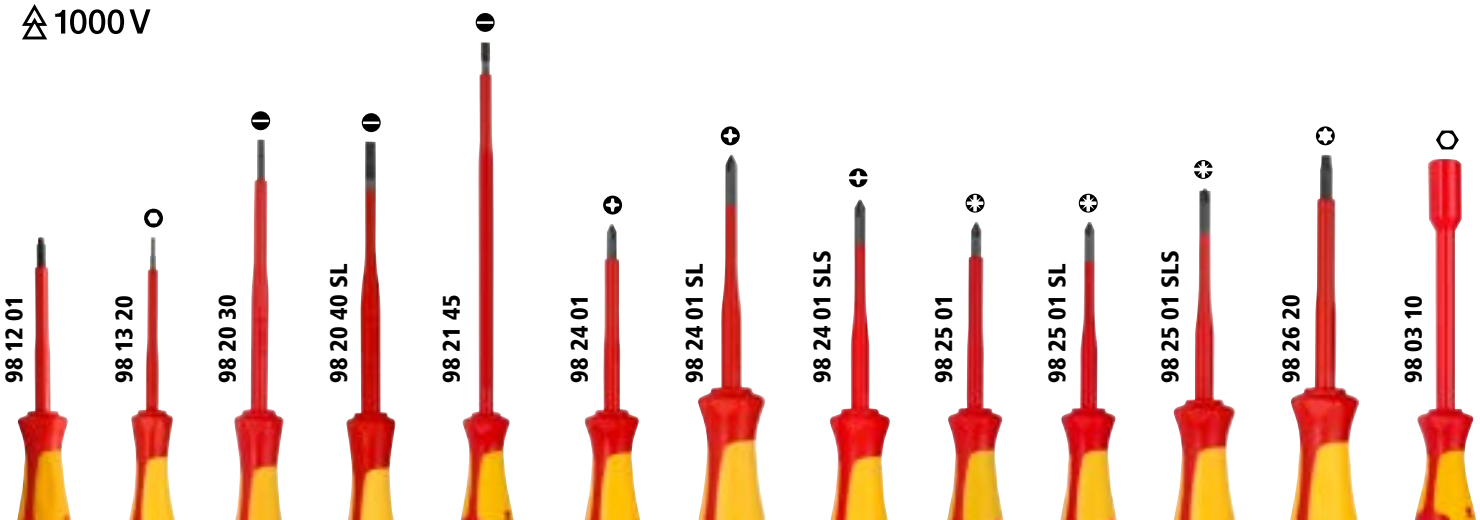
Combination Shears

Further variants on page 76 +

THE BEST COMBINATION: HIGH-QUALITY SCREWDRIVERS FOR YOUR PROJECT

Further variants on page 77 +

1000 V



Open-End Wrench

Further variants on page 78 +

> Jaw 15° angled
> Basic tool chrome-plated
> Chrome vanadium steel, forged, oil-hardened

ART NO.: **98 00 17**



Box Wrench

Further variants on page 78 +

> Cranked
> Basic tool chrome-plated
> Chrome vanadium steel, forged, oil-hardened

ART NO.: **98 01 17**



Nut Driver

With screwdriver handle

Further variants on page 79 +

> Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
> Handle design prevents rolling

ART NO.: **98 03 06**



Adjustable Wrench

> Parallel smooth gripping jaws
> Variable gripping width
> With scaling for presetting the width apart from the workpiece
> Chrome Vanadium steel

ART NO.: **98 07 250**



Socket for Torx® screws

Further variants on page 79 +

> Basic tool chrome-plated
> Special tool steel

ART NO.: **98 29 40**



Reversible Ratchet

Further variants on page 79 +

> For use with sockets
> Reversible for clockwise and anti-clockwise directions
> With external square 3/8"
> Quick, easy and reliable locking of attached sockets thanks to spring-loaded ball

ART NO.: **98 31**



Extension Bar

Further variants on page 80 +

> For use with sockets
> With internal/external square 3/8"
> Quick, easy and reliable locking of attached sockets thanks to spring-loaded ball
> Chrome vanadium steel, forged

ART NO.: **98 35 125**



Socket

Further variants on page 80 +

> For metric internal hexagonal head screws
> With internal square 1/2
> Basic tool chrome-plated

ART NO.: **98 49 06**



Further product information can be found from page 78

Socket

Further variants on page 80 +

> For metric internal hexagonal head screws
> Basic tool chrome-plated
> Chrome Vanadium steel



ART NO.:
98 37 17

Plastic Slip-On Cap

Further variants on page 81 +

> To cover bare live cable ends (max. Ø 10 mm)
> Plastic



ART NO.:
98 66 01

Self-Clamping Slip-On Cap

Further variants on page 81 +

> To cover bare live cable ends (100 – 140 mm, Ø 30 mm)
> Plastic



ART NO.:
98 66 30

Insulating Clamps

Plastic

> For holding insulating mats in place
> With integrated spring
> Fully insulated to avoid short circuits
> Glass fibre reinforced plastic



ART NO.:
98 64 02

Insulating Gloves

Further variants on page 81 +

> For added protection when working live or close to live parts



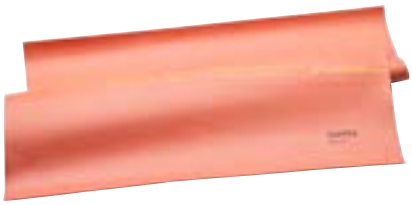
ART NO.:
98 65 40

Electrical Safety Cover

From rubber

Further variants on page 81 +

> For added protection when working live or close to live parts



ART NO.:
98 67 05



PRODUCT FINDER

FOR TRANSPORTING TOOLS

Different working conditions require different concepts for transporting your tools, which may vary in number. You will find the right product here.






	Product	Tool Backpack "Modular X18"	Tool Case "Basic"	Tool Case "BIG Basic Move"	Tool Case "BIG Twin"
	Art no.	**00 21 50 LE**	**00 21 05 LE**	**00 21 06 LE**	**00 21 42 LE**
	Internal dimensions (W x H x D)	–	440 x 350 x 180 mm	480 x 350 x 200 mm	490 x 370 x 110 / 100 mm
	External dimensions (W x H x D)	340 x 210 x 530 mm	465 x 410 x 200 mm	515 x 430 x 280 mm	520 x 435 x 250 mm
	Inserting options	103	41	54	95
	Capacity	21.5 l	27 l	33 l	38 l
	Max. payload	18 kg	15 kg	20 kg	25 kg
	Weight	2,900 g	4,500 g	6,200 g	7,200 g
Transport	Trolley function	–	–	✓	–
Transport	Carrying handle	✓	✓	✓	✓
Transport	Shoulder strap	–	–	–	–
Compart-ments	Document compartment	✓	✓	✓	✓
Compart-ments	Laptop compartment	✓ up to 15"	–	–	–
Resistance	Temperature-resistant	–	–	–	–
Resistance	Dustproof	–	–	–	–
Resistance	Waterproof	–	–	–	–
Resistance	Splash-proof	✓	✓	✓	✓
Other features	Lock device	✓	–		
Other features	Integrated lock	–	✓	✓	✓
Other features	Suitable for air travel	–	–	–	–
Other features	Gas pressure damper	–	–	–	–

					
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 mm	445 x 315 x 165 mm	510 x 295 x 190 mm	485 x 370 x 190 mm	550 x 370 x 225 mm	375 x 311 x 107 mm
520 x 435 x 290 mm	470 x 370 x 185 mm	550 x 350 x 225 mm	510 x 425 x 220 mm	610 x 430 x 265 mm	442 x 357 x 151 mm
95	49	80	93	147	48
38 l	23 l	26.4 l	34 l	45 l	14.7 l
30 kg	25 kg	25 kg	25 kg	35 kg	25 kg
8,600 g	4,800 g	7,000 g	7,100 g	9,940 g	2,965 g
✓	–	✓	–	✓	–
✓	✓	✓	✓	✓	✓
–	✓	–	✓	–	–
✓	✓	✓	✓	✓	–
–	–	–	–	–	–
–	✓ -30°/+80°	✓ -30°/+80°	✓ -30°/+80°	✓ -30°/+80°	–
–	✓	✓	✓	✓	–
–	✓	✓	✓	✓	–
✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓
✓	–	–	–	–	–
–	✓	✓	✓	✓	–
–	–	✓	–	✓	–



ART NO.:
00 21 50 E



Tool Backpack “Modular X18” Electric

22-parts

- Equipped with 16 KNIPEX tools, a total of 22 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 103 inserting options
- Max. payload: 18 kg
- Volume: 21.5 litres



Brand tools from KNIPEX Wera PICARD LYRA STABILA

ART NO.:
00 21 33 E



Tool Case “Robust26 Move” Electric

22-parts

- Equipped with 16 KNIPEX tools, a total of 22 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 80 inserting options
- Max. payload: 25 kg
- Volume: 26.4 litres



Brand tools from KNIPEX Wera PICARD LYRA STABILA

Tool Case “Robust45 Move” Electric

66-parts

- Equipped with 66 KNIPEX tools, partly VDE-tested according to DIN EN 60900
- With a total of 147 inserting options
- Max. payload: 35 kg
- Volume: 45 litres

ART NO.:
00 21 37





Brand tools from KNIPEX Wera PICARD RENNSTEIG STABILA

Tool Case “BIG Twin Move” Electric

66-parts

- Equipped with 14 KNIPEX tools, a total of 66 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 95 inserting options
- Max. payload: 30 kg
- Volume: 38 litres

ART NO.:
00 21 41





00 21 11
Tool Bag Compact Electric



Brand tools from KNIPEX Wera PICARD RENNSTEIG STABILA

Tool Case “BIG Twin Move” Electric

66-parts

- Equipped with 14 KNIPEX tools, a total of 66 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 95 inserting options
- Max. payload: 25 kg
- Volume: 38 litres

ART NO.:
00 21 42





00 21 11
Tool Bag Compact Electric



Brand tools from KNIPEX Wera PICARD RENNSTEIG STABILA

Further product information can be found from page 83

ART NO.:
00 21 19 LB E



KNIPEX L-BOXX® Electric

66-parts

- Equipped with 14 KNIPEX tools, a total of 66 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 48 inserting options
- Max. payload: 25 kg
- Volume: 14.7 litres



Brand tools from KNIPEX Wera PICARD RENNSTEIG STABILA

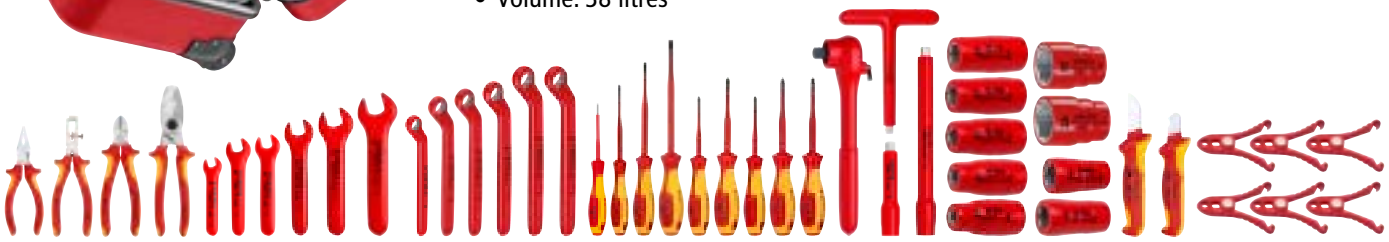
ART NO.:
98 99 15



Tool Case “BIG Twin Move RED” Electric Competence

42-parts

- Hard-wearing ABS material construction, red; equipped with a range of KNIPEX tools for working on systems, tested according to DIN EN/IEC 60900
- With a total of 95 inserting options
- Max. payload: 30 kg
- Volume: 38 litres



Brand tools from KNIPEX

ART NO.:
00 21 20



Tool case “Vision24” Electric

20-parts

- With 20 brand tools, partly VDE tested according to DIN EN/IEC 60900
- With a total of 21 inserting options
- Max. payload: 20 kg
- Volume: 24 litres



Brand tools from KNIPEX Wera

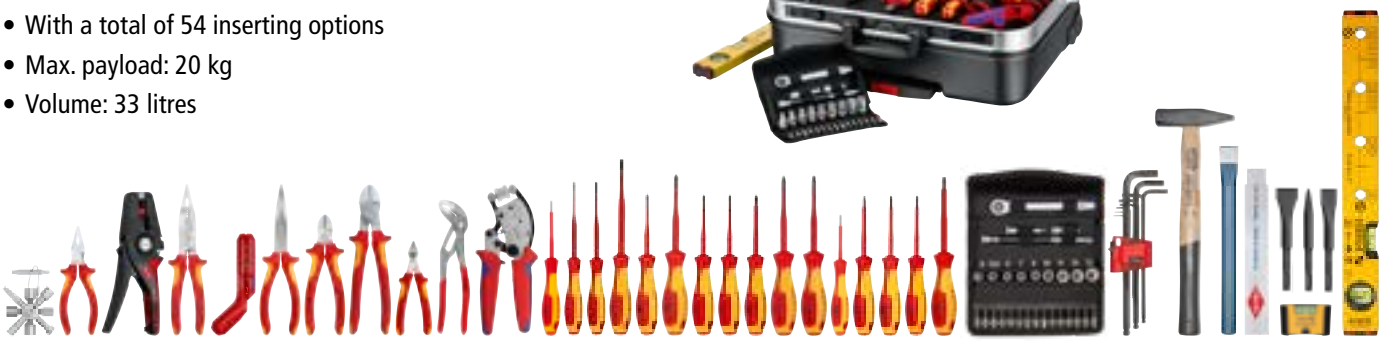
Tool Case "BIG Basic Move" ElectricPlus

ART NO.: **00 21 06**

71-parts

- Equipped with 27 KNIPEX tools, a total of 71 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 54 inserting options
- Max. payload: 20 kg
- Volume: 33 litres





Brand tools from KNIPEX Wera PICARD RENNSTEIG STABILA

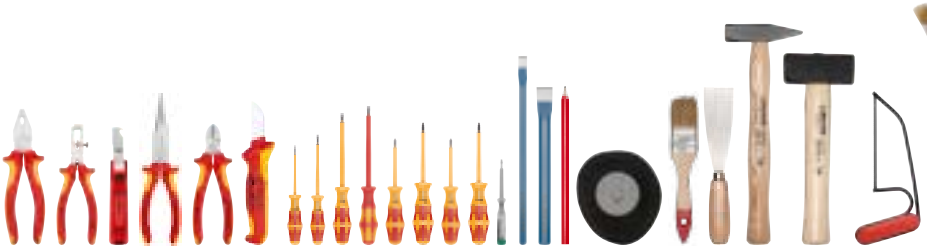
Tool Case "BIG Basic Move" Electric

ART NO.: **00 21 06 HL S**

24-parts

- Equipped with 6 KNIPEX tools, a total of 24 brand tools
- With a total of 54 inserting options
- Max. payload: 20 kg
- Volume: 33 litres





Brand tools from KNIPEX Wera RENNSTEIG STABILA PICARD RUTHE

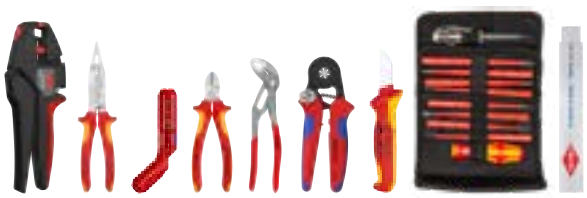
Tool Case "Robust34" Electric

ART NO.: **00 21 35**

25-parts

- Equipped with 25 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 49 inserting options
- Max. payload: 25 kg
- Volume: 23 litres





Brand tools from KNIPEX Wera

Further product information can be found from page 88

ART NO.:
00 21 36

Tool Case “Robust34“ Electric

26-parts



- Equipped with 26 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 93 inserting options
- Max. payload: 25 kg
- Volume: 34 litres



Brand tools from KNIPEX Wera STABILA

ART NO.:
00 21 02 EL

Tool Bag “Classic“ Electric

23-parts



- Equipped with 23 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 22 inserting options
- Max. payload: 15 kg
- Volume: 21 litres



Brand tools from KNIPEX Wera PICARD RENNSTEIG STABILA

ART NO.:
98 99 11

Compact Tool Case

With insulated tools for works on electrical installations



- Equipped with a range of customary insulated KNIPEX tools for work on electrical systems
- All tools are tested one by one and meet the requirements of ASTM F1505 and IEC 60900



98 99 12



Contents: 98 99 11



Contents: 98 99 12

Tool Case for Photovoltaics

ART NO.:
97 91 01

3-parts

Further variants on page 90 +

- Equipped with tools for photovoltaics

> Crimp System Pliers 97 43 200 A for exchangeable crimping dies
> Precision Insulation Stripper 12 12 11 with adapted blades for smaller stripping capacities of 1.5 / 2.5 / 4.0 / 6.0 mm²
> Cable shears 95 16 165 for copper cables up to Ø 15 mm
> Assembly tool (Allen key) for changing the crimping dies
> Without crimping dies – please order separately (see ref. 97 49...) for individual assortment





Inhalt: 97 91 01

For larger cross-sections:
97 91 03 with precision insulation stripper 12 12 12 (4 / 6 / 10 mm²)

Tool Case for Photovoltaics

ART NO.:
97 91 04 V03

5-parts

Further variants on page 91 +

- Equipped with high-quality tools for processing MC4® and MC4® Evo 2 PV plug type connectors

> Crimp System Pliers 97 43 66 EVO: specially modified crimping pliers for plug type connectors up to 10 mm²
> Precision Insulation Stripper 12 12 12 with adapted blades for larger stripping capacities 4.0 / 6.0 / 10.0 mm²
> Cable shears 95 16 165 for copper cables up to Ø 15 mm
> Set of Mounting Tools 97 49 66 3
> Locator 97 49 71 1 for processing PV connectors of the MC4® series





Contents: 97 91 04 V03

Further fully equipped tool cases specifically for MC4® are available (see page 91):
97 91 04 V01: for small cross-sections
97 91 04 V02: for large cross-sections

Photovoltaic Installations Set

ART NO.:
00 31 31 V01 SB

- For installation and maintenance of PV systems, with the KNIPEX ErgoStrip® PV Stripping Tool and KNIPEX PreciForce Crimping Pliers

> KNIPEX ErgoStrip® PV 16 95 03: For fast and precise stripping of solar cables with 4 and 6 mm² (e.g., H1Z2Z2-K) and for stripping of all common round and damp-proof installation cables (e.g., NYM cable 3 x 1.5 mm² to 5 x 2.5 mm²)
> KNIPEX PreciForce 97 52 42: Crimps PV conductors (4 and 6 mm²) with MC4® and MC4® Evo 2 connectors



Further product information can be found from page 91

ART NO.:
00 21 10 LE



Tool Bag Service

empty

- Perfect combination of laptop and tool bag
- With a total of 47 inserting options
- Max. payload: 12 kg
- Volume: 25 litres

> Lined inside pouch for notebook (max. 19") and DIN A4 documents; also with DIN A4 zipped compartment
> 90° fold-out front pouch with 8 tool pockets and one small inside pouch

ART NO.:
92 00 04



Universal Tweezers Set

5-parts

- Optimum combination: the tweezer sets come in various combinations in a high-quality tool roll for safe transport and damage-free storage

ART NO.:
98 99 13



Tool Roll

15-parts

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener
> Equipped with a range of insulated KNIPEX tools for works on electrical installations
> DIN EN 60900, IEC 60900



Electrical Installations Set

3-parts

ART NO.:
00 31 30 BK V01

Further variants on page 93 +

> This set equips the electrical trade for practically every day-to-day work





00 31 30 BK V02



00 31 30 BK V03



Brand tools from KNIPEX

Electro Set

ART NO.:
00 20 12

3-parts

> Pliers VDE-tested in conformance with DIN EN/IEC 60900 1000V, pliers chrome-plated; handles with multi-component grips





Brand tools from KNIPEX

VDE Tool Set

ART NO.:
00 20 13

5-parts

> Tools VDE-tested in conformance to DIN EN/IEC 60900 1000V, pliers chrome-plated; handles with multi-component covers
> With 3 WERA screwdrivers





Brand tools from KNIPEX Wera

Extension Set Electro 1

ART NO.:
00 20 90 V01

10-parts



Brand tools from KNIPEX STABILA

Extension Set Electro 2

ART NO.:
00 20 90 V02

13-parts



Brand tools from KNIPEX STABILA

Further product information can be found from page 92

OVERVIEW

PRODUCT INFORMATION

KNIPEX StepCut® PATENTED – Page 10



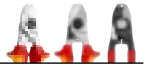
Art. No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG
95 16 160	085966	160	1000 V	chrome plated		15	50	1/0

KNIPEX StepCut® XL – Page 10



Art. No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG
95 18 225	089964	225	1000 V	burnished		23	70	2/0

Cable Shears – Page 11



Art. No.	EAN 4003773-	↔ mm		Head	Handles	Stripping capacities mm²	Cutting capacities Ø mm	Cutting capacities mm²	AWG
95 16 165	039648	165	1000 V	chrome plated		–	15	50	1/0
95 16 165 T	081524	165	1000 V	chrome plated	T	–	15	50	1/0
95 26 165	069980	165	1000 V	chrome plated		–	15	50	1/0
95 41 165	078609	165		burnished		1.5/2.5	12	35	2

Cable Shears with a twin cutting edge – Page 11



Art. No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG
95 16 200	026761	200	1000 V	chrome plated		20	70	2/0
95 17 200	026952	200	1000 V	chrome plated		20	70	2/0

Cable Shears – Page 11



Art. No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG
95 05 165	019596	165		polished	1K	10	24	4

Cable Shears for two-hand operation – Page 12



Art. No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 12 500	069966	500		burnished		27	150	6/0	1090
95 17 500	026785	500	1000 V	polished		27	150	6/0	1477

Cable Cutter (ratchet action) (PATENTED) – Page 12



Art. No.	EAN 4003773-	↔ mm	Tool	Handles	Cutting capacities Ø mm	mm²	MCM	g
95 36 250	026884	250	1000 V black atramentized		32	240	500	652
95 36 280	026891	280	1000 V black atramentized		52	380	750	835
95 36 320	075189	320	1000 V black atramentized		60	600	1200	830
95 250 E01	089537	Movable spare blade for 95 36 250 (models since 2025)						
95 280 E01	089544	Movable spare blade for 95 36 280 (models since 2025)						
95 320 E01	089568	Pivot cutter repair kit for 95 36 320 (models since 2025)						
95 3X E01	089575	Repair kit ratchet drive for 95 250 / 280 / 315A / 320 (models since 2025)						
95 3X E02	089582	Screw connection repair kit for 95 250 / 280 / 315A / 320 (models since 2025)						

Cable Cutter (ratchet action), for SWA cable (PATENTED) – Page 12



Art. No.	EAN 4003773-	↔ mm	Tool	Handles	Cutting capacities Ø mm	mm²	MCM	g
95 32 315 A	078562	315	black lacquered		45	380	750	825
95 36 315 A	078579	315	1000 V black lacquered		45	380	750	830
95 315 E01	089551	Pivot cutter repair kit for 95 32 315 A and 95 36 315 A (models since 2025)						
95 39 315 A01	078586	Pivot cutter repair kit for 95 32 315 A and 95 36 315 A (models until 2024)						
95 3X E01	089575	Repair kit ratchet drive for 95 250 / 280 / 315A/ 320 (models since 2025)						
95 3X E02	089582	Screw connection repair kit for 95 250 / 280 / 315A / 320 (models since 2025)						

Cable Shears (ratchet action), with telescopic handles – Page 12



Art. No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities Ø mm	mm²	MCM	g
95 32 038	071556	570	burnished		38	280	550	1980
95 32 060	071563	630	burnished		60	740	1400	3820
95 32 100	071570	680	burnished		100	960	1900	4980
95 39 038	073260	Spare cutter head for 95 32 038						
95 39 720	025290	Movable spare blade 95 31 720 / 95 32 060						
95 39 870	025306	Movable spare blade 95 31 870 / 95 32 100						

Angled Electricians' Shears – Page 13



Art. No.	EAN 4003773-	↔ mm	Head	Handles
95 05 20 SB	082699	180	polished	glass fibre reinforced

Electricians' Shears – Page 13



Art. No.	EAN 4003773-	↔ mm	Head	Handles
95 05 10 SB	082125	160	polished	glass fibre reinforced
95 05 155 SB	077725	160	polished	glass fibre reinforced

Diagonal Cutter – Page 13



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm
70 06 125	018124	125	1000 V	chrome plated	chrome plated		3	2.3	1.5
70 06 140	040293	140	1000 V	chrome plated	chrome plated		4	2.5	1.8
70 06 160	021995	160	1000 V	chrome plated	chrome plated		4	3	2
70 06 160 T	081463	160	1000 V	chrome plated	chrome plated	T	4	3	2
70 06 180	033813	180	1000 V	chrome plated	chrome plated		4	3	2.5
70 06 180 T	081470	180	1000 V	chrome plated	chrome plated	T	4	3	2.5
70 07 160	018155	160	1000 V	chrome plated	chrome plated		4	3	2
70 07 180	018179	180	1000 V	chrome plated	chrome plated		4	3	2.5
70 26 160	018223	160	1000 V	chrome plated	chrome plated		4	–	–

KNIPEX X-Cut® PATENTED – Page 13



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	Ø mm	Ø mm
73 06 160	075141	160	1000 V	chrome plated	chrome plated		4.8	3.8	2.7	2.2	12

High-Leverage Diagonal Cutters – Page 13



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm
74 06 160	040705	160	1000 V	chrome plated	chrome plated		3.4	2.5	2
74 06 180	022985	180	1000 V	chrome plated	chrome plated		3.8	2.7	2.2
74 06 200	033820	200	1000 V	chrome plated	chrome plated		4.2	3	2.5
74 06 250	041955	250	1000 V	chrome plated	chrome plated		4.6	3.5	3

Electronic Super Knips – Page 14



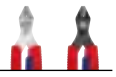
Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm
78 06 125	084099	125	1000 V		polished		0.2 – 1.6	1
78 61 125	035404	125		burnished	burnished		0.2 – 1.6	1.2

Electronic Super Knips XL – Page 14



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm
78 61 140	081685	140		burnished	burnished		0.2 – 2.1	1.4

KNIPEX Slim Knips – Page 14



Art. No.	EAN 4003773-	↔ mm		Material	Head	mm	Ø mm	mm²
78 03 150	093824	150		INOX surgical steel	polished	max. 7.6	1.3	4
78 61 150	093831	150		Tool steel	burnished	max. 7.6	1,6	4
78 09 LE	093923	Tool holster, empty						
78 03 150 V01	093893	Slim Knips (78 03 150) with tool holster						
78 61 150 V01	093916	Slim Knips (78 61 150) with tool holster						

Electronics Diagonal Cutters – Page 15



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm
77 02 115	039334	115		burnished	mirror polished		0.3 – 1.6	1.3	0.7

Precision Electronics Diagonal Cutters – Page 15



Art. No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm
79 02 125	061281	125		polished		0.2 – 1.7	1.2	0.6

KNIPEX EvoStrip – Page 18



Art. No.	EAN 4003773-	↔ mm		Stripping capacities mm²	AWG
12 40 200	026662	200		0.03 – 10	32 – 8
12 49 01	026679	1 pair of spare blades			
12 49 04	053071	Torsion spring			
12 49 05	053088	Coil spring in the head			
12 49 23	057604	Spare length stop for 12 42/52 195. 12 72 190. 12 40 200			

KNIPEX PreciStrip16 (PATENTED) – Page 18



Art. No.	EAN 4003773-	↔ mm	Stripping capacities mm²	AWG
12 52 195	085829	190	0.08 – 16	28 – 6
12 49 23	057604	Spare length stop for 12 42/52 195. 12 72 190. 12 40 200		
12 49 31	086000	Spare blades block		
12 49 32	086253	Spare blades block with special blades		

KNIPEX ComStrip – Page 19



Art. No.	EAN 4003773-	↔ mm		Stripping capacities mm²	AWG
12 62 180	054573	165		0.2 – 6	24 – 10
12 69 21	060093	1 pair of spare blades			
12 69 23	067115	Spare length stop			

KNIPEX NexStrip® – Page 19



Art. No.	EAN 4003773-	↔ mm	Stripping capacities mm²	AWG
12 72 190	088165	190	0.03 – 10	32 – 8
12 49 21	057581	Spare blades block		
12 49 23	057604	Spare length stop		

Precision Insulation Stripper with adapted blades (PATENTED) – Page 20



Art. No.	EAN 4003773-	↔ mm		Pliers	Handles	Stripping capacities mm²	AWG
12 12 02	048077	195		burnished		0.09 / 0.14 / 0.38 / 0.57 / 1 / 1.5 / 2.08	–
12 12 06	049005	195		burnished		0.25 / 0.75 / 1.5 / 2.5 / 4 / 6	–
12 12 10	049012	195		burnished		2.5 / 4 / 6 / 10	–
12 12 11	062998	195		burnished		1.5 / 2.5 / 4 / 6	16 / 14 / 12 / 10
12 12 12	073758	195		burnished		4 / 6 / 10	–
12 12 13	077534	195		burnished		–	20 / 18 / 16 / 14 / 12 / 10
12 12 14	077541	195		burnished		–	26 / 24 / 22 / 20 / 18 / 16

12 12 E01	093688	Length stop for 12 12 11/12, narrow
12 12 E02	093695	Length stop for 12 12 02/06/10/13/14, wide
12 19 02	049036	1 set of spare blades for 12 12 02
12 19 10	049050	1 set of spare blades for 12 12 10
12 19 11	063001	1 set of spare blades for 12 12 11
12 19 12	073765	1 set of spare blades for 12 12 12
12 19 13	077558	1 set of spare blades for 12 12 13
12 19 14	077565	1 set of spare blades for 12 12 14

Insulation Stripper – Page 20



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities Ø mm	mm²	AWG
11 06 160	021933	160	1000 V	chrome plated	chrome plated		5	10	8
11 06 160 T	081418	160	1000 V	chrome plated	chrome plated		5	10	8

KNIPEX StriX® (PATENTED) – Page 20



Art. No.	EAN 4003773-	↔ mm		Pliers	Handles	Stripping capacities Ø mm	Stripping capacities mm²	Cutting capacities Ø mm	Cutting capacities mm²	AWG
13 66 180	081319	180	1000 V	chrome plated		5	10	15	50	8
13 66 180 T	081906	180	1000 V	chrome plated		5	10	15	50	8

Automatic Stripping Pliers – Page 21



Art. No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm
12 74 180	092667	175		4.4 – 7
12 74 180 E01	092681	Set of spare blades for 12 74 180 (models from 2025)		

Automatic Flat Cable Stripping Pliers – Page 21



Art. No.	EAN 4003773-	↔ mm		max. cable width mm	Stripping capacities mm²	AWG
12 64 180	073284	180		12	0.75 – 2.5	18 – 14
12 64 180 E01	092674	Set of spare blades for 12 64 180 (Models from 2025)				

KNIPEX ErgoStrip® (PATENTED) – Page 22



Art. No.	EAN 4003773-	↔ mm		Stripping capacity round cable Ø mm	Stripping capacity conductors and strands mm²	Stripping capacity data cable	Stripping capacity 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
16 95 02 SB	082910	135		8 – 13	0.2 – 4	CAT 5 – 7, Twisted Pair (UTP/STP)	4.8 – 7.5

KNIPEX ErgoStrip® PV (PATENTED) – Page 22



Art. No.	EAN 4003773-	↔ mm		Stripping capacity round cable Ø mm	Stripping capacity conductors and strands mm²	Stripping capacities PV-Kabel mm²
16 95 03 SB	092605	135		8 – 13	0.2 – 4	4 / 6

Universal Stripping Tool – Page 22



Art. No.	EAN 4003773-	↔ mm		Stripping capacity round cable Ø mm	Stripping capacity conductors and strands mm²
16 80 125 SB	040828	125		8 – 13	–
16 85 125 SB	060444	125		8 – 13	0.2 – 4

Wire Stripping Tool for coax and data cable – Page 23



Art. No.	EAN 4003773-	↔ mm		Cable types
16 60 06 SB	077961	125		RG 59, RG 6, RG 7, RG 11

Stripping Tool for flat and round cable – Page 23



Art. No.	EAN 4003773-	↔ mm		Stripping capacity flat cable mm	Stripping capacity round cable Ø mm	Stripping capacity conductors and strands mm²
16 64 125 SB	076933	125		12	4 – 13	0.8 – 2.5

Stripping Tool for flat and round cable – Page 23



Art. No.	EAN 4003773-	↔ mm		Cable types
16 60 05 SB	044888	105		RG 58, RG 59 + RG 62

Stripping Tool for coax cable – Page 23



Art. No.	EAN 4003773-	↔ mm		Stripping capacity coax cable Ø mm
16 60 100 SB	040811	100		4.8 – 7.5 mm

Dismantling Tool for data cable – Page 23



Art. No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	Stripping capacities mm²	Cable types
16 65 125 SB	043157	125		4.5 – 10	0.2 – 4	CAT 5 / 6 / 7 / 8, Twisted Pair (UTP/STP)

Dismantling Tool with scalpel blade – Page 24



Art. No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm
16 20 16 SB	060451	130		4 – 16
16 20 28 SB	060468	130		8 – 28
16 20 165 SB	043133	165		8 – 28

Dismantling Tool for spiral cutting – Page 24



Art. No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm
16 30 135 SB	033349	135		6 – 29
16 30 145 SB	081029	150		19 – 40

KNIPEX STX60 Stripping Tool – Page 24



Art. No.	EAN 4003773-	↔ mm		Cutting capacities Ø mm	Max. wall thickness mm
16 45 220	093060	225		30 – 60	6.5
16 45 220 E01	093657	4 spare blades for STX60 Stripping Tool			

Stripping Knife with guide shoe and ratchet function – Page 25



Art. No.	EAN 4003773-	↔ mm	Handles	Blade length mm
16 50 145 SB	089902	146		45
16 50 145 E01	089919	Spare blade with guide shoe for 16 50 145		
16 50 145 E02	089926	Spare safety lock for 16 50 145		

Stripping Knife with guide shoe – Page 25



Art. No.	EAN 4003773-	↔ mm		Handles	Blade length mm	Radius mm
98 55	022558	180	1000 V		38	23.5

Cable Knife – Page 25



Art. No.	EAN 4003773-	↔ mm		Handles	Blade length mm
98 52	035565	190	1000 V		50
98 54	026563	190	1000 V		50

Stripping Knife – Page 25



Art. No.	EAN 4003773-	↔ mm		Handles	Blade length mm	Radius mm
98 53 03	026549	170	1000 V		28	7
98 53 13	026556	190	1000 V		50	40

Self-Adjusting Crimping Pliers for wire ferrules PATENTED – Page 28



Art. No.	EAN 4003773-	↔ mm		Pliers		Application	Capacity mm²	AWG
97 53 04	028017	180		burnished		Wire ferrules	0.08 – 16 / 2x 6	28 – 6
97 53 14	041474	180		burnished		Wire ferrules	0.08 – 16 / 2x 10	28 – 6
97 53 04	084853	180		chrome plated		Wire ferrules	0.08 – 16 / 2x 6	28 – 6
97 53 14	084860	180		chrome plated		Wire ferrules	0.08 – 16 / 2x 10	28 – 6
97 59 30	053965	Extension spring for 97 53 4 / 5 / 8 / 9 / 14 thin (handles)						
97 59 31	053972	Extension spring for 97 53 4 / 5 / 8 / 9 / 14 thick (head)						

KNIPEX Twistor® – Page 28



Art. No.	EAN 4003773-	↔ mm		Pliers		Application	Capacity mm²	AWG
97 53 18	082729	200		chrome plated		Wire ferrules	0.14 – 16	26 – 6
97 53 19	088097	200		chrome plated		Wire ferrules	0.14 – 10	26 – 8

Self-Adjusting Crimping Pliers for wire ferrules – Page 29



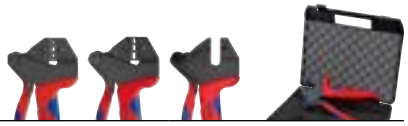
Art. No.	EAN 4003773-	↔ mm		Pliers		Application	Capacity mm²	AWG
97 53 08	040187	190		burnished		Wire ferrules	0.08 – 10	28 – 8
97 53 09	044550	190		burnished		Wire ferrules	0.08 – 10 / 16	28 – 6
97 59 30	053965	Extension spring for 97 53 4 / 5 / 8 / 9 / 14 thin (handles)						
97 59 31	053972	Extension spring for 97 53 4 / 5 / 8 / 9 / 14 thick (head)						

KNIPEX PreciForce – Page 29



Art. No.	EAN 4003773-	↔ mm			Pliers		Application	Capacity mm²	AWG
97 52 30	051855	220			burnished		non-insulated terminals in accordance with DIN 46235 and crimp connectors in accordance with DIN 46267	1.5 – 10	16 – 8
97 52 33	051862	220			burnished		non-insulated terminals	0.5 – 10	20 – 8
97 52 34	051879	220			burnished		non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)	0.1 – 2.5	26 – 14
97 52 35	051886	220			burnished		non-insulated open plug-type connectors (4.8 and 6.3 mm connector width)	0.5 – 6	20 – 10
97 52 36	051893	220			burnished		insulated connectors	0.5 – 6	20 – 10
97 52 37	063193	220			burnished		Insulated connectors with heat shrinkeable sleeve	0.5 – 6	20 – 10
97 52 38	051909	220			burnished		insulated and non-insulated wire ferrules	0.25 – 6	24 – 10
97 52 42	092117	220			burnished		for solar connectors MC4® and MC4® Evo 2	4 – 6	12 – 10
97 52 42 6	093749	220			burnished		for solar connectors MC4® and MC4® Evo 2	6	10
97 52 50	051916	220			burnished		For coaxial BNC connectors	RG 58 / 174 / 188 / 316	–

Crimp System Pliers – Page 30



Art. No.	EAN 4003773-	↔ mm			Pliers		Application	Capacity mm²	AWG
97 43 05	031031	200			burnished		non-insulated open plug-type connectors (4.8 and 6.3 mm connector width)	0.5 – 6	20 – 10
97 43 06	031048	200			burnished		insulated terminals and plug connectors	0.5 – 6	20 – 10
97 43 200	030812	200			burnished		–	–	–
97 43 200 A	071587	200			burnished		–	–	–

KNIPEX eCrimp PATENTED – Page 30



Art. No.	EAN 4003773-	↔ mm	Mains voltage/frequency	Connector socket	⚖ g
97 43 E	076858	270	230 V / 50 Hz	CEE 7/16	1960

Crimping dies for crimp system pliers – Page 30

Art. No.	EAN 4003773-	Application	Capacity mm²	AWG
97 49 04	030850	non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)	0.1 – 2.5	26 – 14
97 49 05	030867	non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)	0.5 – 6	20 – 10
97 49 06	030836	insulated connectors	0.5 – 6	20 – 10
97 49 06 PI	086475	insulated PIDG + PLASTI-GRIP connectors	0.5 – 6	20 – 10
97 49 07	077749	insulated connectors with heat shrinkeable sleeve	0.5 – 6	20 – 10
97 49 08	030874	insulated and non-insulated wire ferrules	0.25 – 6	24 – 10
97 49 09	030881	insulated and non-insulated wire ferrules	10 / 16 / 25	8 / 6 / 4
97 49 10	076896	non-insulated terminals	0.25 – 2.5	24 – 14
97 49 14	077756	non-insulated terminals	0.5 – 10	20 – 8
97 49 15	043164	non-insulated open plug type connectors with lateral conductor connection style A	1.5 – 6	16 – 10
97 49 16	040675	insulated connectors	10 / 16	8 / 6
97 49 18	063186	Twin wire ferrules for two flexible conductors	2 x 6 / 2 x 10 / 2 x 16	2 x 10 / 2 x 8 / 2 x 6
97 49 19	030898	insulated and non-insulated wire ferrules	35 / 50	2 / 1 / 0
97 49 21	086468	insulated and non-insulated connectors	0.1 – 0.5	20 – 10
97 49 23	052135	non-insulated terminals	16 / 25	6 / 4
97 49 24	030911	D-Sub	0.03 – 0.56	32 – 20
97 49 25	079798	Micro-Fit 3.0 from Molex	—	30 – 20
97 49 26	079804	Mini-Fit™ from Molex	—	24 – 16
97 49 27	079811	MQS connector without single wire seal from Tyco Electrinocs	0.25 – 0.5	24 – 20
97 49 28	083757	Mini Mic Superseal from Tyco Electronics	0.35 – 1.5	22 – 16
97 49 30	030904	non-insulated terminals acc. to DIN 46235 and crimp connectors acc. to DIN 46267	1.5 – 10	16 – 8
97 49 40	030959	Coaxial connectors	RG 58, RG 59, RG 62, RG 71	—
97 49 50	030966	Coaxial connector / Car phone	RG 58, RG 174, RG 316, RG 188	—
97 49 54	041450	Junior Power Timer without seal from Tyco Electronics	0.5 – 2.5	20 – 14
97 49 57	093145	Helios H4™ / H4 Plus™ CF from Amphenol®	4 / 6 / 10	12 / 10 / 8
97 49 58	093152	Helios H4™ CF (Amphenol®)	2.5 / 4 / 6	14 / 12 / 10
97 49 59	073734	Helios H4™ CF (Amphenol®)	2.5 – 10	14 – 8
97 49 60	030928	turned contacts (e.g. Harting HAN D®, HAN E®, Tyco Electronics HND series, HE/HA series, HVT series)	0.14 – 4	26 – 12
97 49 61	045137	turned contacts (e.g. Harting HAN C®, Ilme CX series, Phoenix Contact CK4.0 series)	1.5 / 2.5 / 4 / 6	16 – 10
97 49 64	044055	turned connectors of the ABS series from Tyco Electronics, suitable for connector series HTS	2.5 – 6	14 / 10
97 49 66	066699	MC4® / MC4® Evo 2	2.5 / 4 / 6	14 / 12 / 10
97 49 70	030942	Western connector	RJ 10 / 11 / 12 / 45	—
97 49 71	075066	MC4®	4 / 6 / 10	12 / 10 / 8
97 49 74	044062	unshielded Western plugs with open housing (short design)	RJ 12 / 45	—

97 49 25 1	079828	Locator for 97 49 25
97 49 26 1	079835	Locator for 97 49 26
97 49 27 1	079842	Locator for 97 49 27
97 49 28 1	083764	Wire Feed Stopper for 97 49 28
97 49 57 1	093114	Locator for 97 49 57 (PV connector Amphenol® H4™ / H4 Plus™ CF)
97 49 58 1	093121	Locator for 97 49 58 (PV connector Amphenol® H4™ S&F)
97 49 58 2	093138	Locator for 97 49 58 (PV connector Amphenol® H4 Plus™ S&F)
97 49 59 1	073741	Locator for 97 49 59 (PV connector Helios H4™)
97 49 66 1	066736	Locator for 97 49 66 (PV connector MC4®)
97 49 71 1	075073	Locator for 97 49 71 (PV connector MC4®)
97 49 90	031017	Locator for 97 49 60 (HTS+Harting)
97 49 91	045144	Locator for 97 49 61 (HTS+Harting)
97 49 93	047926	Locator for 97 49 24 (D-Sub-plugs)
97 49 94	030997	Locator for 97 49 04 / 97 52 04 / 97 52 34
97 49 95	031000	Locator for 97 49 05 / 97 52 05 / 97 52 35

Crimp System Pliers MC4® – Page 31



Art. No.	EAN 4003773-	↔ mm		Head		Application	Capacity mm²	AWG
97 43 66	087779	200		burnished		MC4® / MC4® Evo 2	2.5–6	14–10

Crimp System Pliers MC4® Evo 2 – Page 31



Art. No.	EAN 4003773-	↔ mm		Head		Application	Capacity mm²	AWG
97 43 66 EVO	090014	200		burnished		MC4® Evo 2	4–10	12–8

Set of Mounting Tools – Page 31



Art. No.	EAN 4003773-	↔ mm	Application
97 49 66 3	093787	107	MC4® / MC4® Evo 2 housing

KNIPEX MultiCrimp PATENTED – Page 32



Art. No.	EAN 4003773-	↔ mm		Pliers	Handles	Application	Capacity mm²	AWG
97 33 LE	092643	250		burnished		KNIPEX MultiCrimp incl. magazine, empty		
97 33 01	066927	250		burnished		KNIPEX MultiCrimp incl. magazine with 3 interchangeable dies		
						non-insulated, open flat plug connector (plug width 4.8 + 6.3 mm)	0.5 – 6	20 – 10
						insulated connectors	0.5 – 6	20 – 10
						Wire ferrules	0.25 – 6	24 – 10
97 33 02	066934	250		burnished		KNIPEX MultiCrimp incl. magazine with 5 interchangeable dies		
						non-insulated, open flat plug connector (plug width 4.8 + 6.3 mm)	0.5 – 6	20 – 10
						insulated connectors	0.5 – 6	20 – 10
						Wire ferrules	0.25 – 6	24 – 10
						Wire ferrules	10 / 16 / 25	8 / 6 / 4
						non-insulated terminals	0.5 – 10	20 – 8
97 33 03	092599	250		burnished		KNIPEX MultiCrimp incl. magazine with 3 interchangeable dies		
						MC4® + MC4® Evo 2	4 / 6	12 / 10
						Wire ferrules	0.25 – 6	24 – 10
						non-insulated terminals	0.5 – 10	20 – 8

97 39 05	070078	Crimping die for uninsulated open plug connectors (plug width 4.8 + 6.3 mm)
97 39 06	070085	Crimping die for insulated cable connectors
97 39 08	070092	Crimping die for insulated + uninsulated wire ferrules 0.25 – 6 mm²
97 39 09	077763	Crimping die for insulated + uninsulated wire ferrules 10 / 16 / 25 mm²
97 39 13	070108	Crimping die for non-insulated cable connectors
97 39 42	092582	Crimping die for MC4® and MC4® Evo 2 with 4 and 6 mm²
97 39 90	070061	Empty replacement magazine

Four-Mandrel Crimping Pliers for DEUTSCH contacts – Page 32



Art. No.	EAN 4003773-	↔ mm		Capacity mm²	AWG
97 52 67 DT	088820	230		0.35 – 3	22 – 12
97 59 67 1	088905	77	Spare „Go" gauge		
97 59 67 2	088912	77	Spare „NoGo" gauge		

Four-Mandrel Crimping Pliers – Page 33



Art. No.	EAN 4003773-	↔ mm			Pliers	Handles		Application	Ø contact max. mm	Capacity mm²	AWG
97 52 63 A	093565	180			chrome plated			turned contacts	5.0	0.08 – 2.5	28 – 14
97 52 63 DG A	093572	195	PATENTED		chrome plated			turned contacts	5.0	0.08 – 2.5	28 – 14
97 52 65 A	071594	230			chrome plated			turned contacts	7.5	0.14 – 6	26 – 10
97 52 65 DG A	071990	240	PATENTED		chrome plated			turned contacts	7.5	0.14 – 6	26 – 10
97 59 63 HU1	093404	Locator for 97 52 63 A / DG A for connector series from Hummel / Harting									
97 59 63 PC1	093411	Locator for 97 52 63 A / DG A for connector series from Phoenix Contact									
97 59 63 PC2	093428	Locator for 97 52 63 A / DG A for connector series from Phoenix Contact									
97 59 63 PC3	093435	Locator for 97 52 63 A / DG A for connector series from Phoenix Contact									
97 59 63 PC4	093459	Locator for 97 52 63 A / DG A for connector series from Phoenix Contact									
97 59 63 HA1	093466	Locator for 97 52 63 A / DG A for connector series from Harting									
97 59 63 TE1	093473	Locator for 97 52 63 A / DG A for connector series from TE (Intercontec)									
97 59 63 TE2	093480	Locator for 97 52 63 A / DG A for connector series from TE (Intercontec)									
97 59 65 HU1	093497	Locator for 97 52 65 A / DG A for connector series from Hummel									
97 59 65 PC1	093503	Locator for 97 52 65 A / DG A for connector series from Phoenix Contact									
97 59 65 IL1	093510	Locator for 97 52 65 A / DG A for connector series from Ilme									
97 59 65 DT1	093527	Locator for 97 52 65 A / DG A for connector series from TE (Deutsch)									
97 59 65 HA1	093534	Locator for 97 52 65 A / DG A for connector series from Harting									
97 59 65 TE1	093541	Locator for 97 52 65 A / DG A for connector series from TE (Intercontec)									
97 59 65 TE2	093558	Locator for 97 52 65 A / DG A for connector series from TE (Intercontec)									

Insertion Tool – Page 34



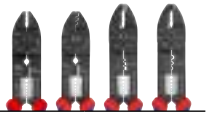
Art. No.	EAN 4003773-	↔ mm		Head	Application	Capacity mm²	AWG
97 40 10	044895	175		burnished	UTP and STP cables	0.4 – 0.8	22 – 12

Compression Tool – Page 34



Art. No.	EAN 4003773-	↔ mm		Application
97 40 20 SB	077626	175		for F, BNC and RCA connectors

Crimping Pliers – Page 34



Art. No.	EAN 4003773-	↔ mm		Pliers	Handles		Application	Capacity mm²	AWG
97 21 215	019688	230		black lacquered			insulated terminals + cable connectors	0.5 – 6	20 – 10
97 21 215 B	019695	230		black lacquered			non-insulated open plug-type connectors (plug width 6.3 mm)	0.5 – 2.5	20 – 14
97 22 240	070726	240		black lacquered			insulated terminals + cable connectors	0.5 – 6	20 – 10
				black lacquered			non-insulated open plug-type connectors (plug width 6.3 mm)	0.5 – 6	20 – 14
97 32 240	079491	240		black lacquered			insulated terminals + cable connectors	0.5 – 6	20 – 10
				black lacquered			non-insulated terminals + cable connectors	0.5 – 6	20 – 10

Crimping Pliers for wire ferrules – Page 34



Art. No.	EAN 4003773-	↔ mm		Pliers	Handles	Application	Capacity mm²	AWG
97 61 145 A	035558	145		polished		Wire ferrules	0.25 – 2.5	24 – 14
97 62 145 A	060154	145		polished		Wire ferrules	0.25 – 2.5	24 – 14
97 68 145 A	071754	145	1000 V	polished		Wire ferrules	0.25 – 2.5	24 – 14

Crimping Pliers for wire ferrules – Page 34



Art. No.	EAN 4003773-	↔ mm		Head	Handles	Application	Capacity mm²	AWG
97 71 180	040668	180		polished		Wire ferrules	0.25 – 16	24 – 6
97 72 180	060185	180		polished		Wire ferrules	0.25 – 16	24 – 6
97 78 180	072003	180	1000 V	polished		Wire ferrules	0.25 – 16	24 – 6

Crimping Pliers for wire ferrules – Page 34



Art. No.	EAN 4003773-	↔ mm		Head	Handles	Application	Capacity mm²	AWG
97 81 180	019794	180		polished		Wire ferrules	0.5 – 6	20 – 10

Crimp Assortment for wire ferrules – Page 35



Art. No.	EAN 4003773-	Pliers		Wire ferrules								Twin-Ferrules				
				0.5	0.75	1	1.5	2.5	4	6	10	16	2x1.5	2x2.5	2x4	2x6	2x10
97 90 05	025535	97 71 180		200x	200x	200x	200x	200x	150x	150x	50x	50x	–	–	–	–	–
97 90 06	025542	97 71 180		200x	200x	200x	200x	150x	75x	75x	50x	40x	–	–	–	–	–
97 90 09	028574	97 53 04		200x	200x	200x	200x	200x	100x	100x	50x	–	–	–	–	–	–
97 90 10	046202	12 40 200 97 53 04		200x	200x	200x	200x	200x	100x	100x	50x	–	–	–	–	–	–
97 90 13	083474	97 53 18		200x	200x	200x	200x	150x	75x	75x	50x	40x	–	–	–	–	–
97 90 14	084884	97 53 18 12 52 195		200x	200x	200x	200x	150x	75x	75x	50x	40x	–	–	–	–	–
97 90 15	084877	97 53 09 12 52 195		–	–	–	150x	100x	80x	50x	35x	25x	100x	80x	40x	30x	20x
97 90 16	086024	12 40 200 97 53 09		200x	200x	200x	200x	200x	100x	100x	50x	–	–	–	–	–	–
97 90 17	086031	12 42 195 97 53 09		200x	200x	200x	200x	200x	100x	100x	50x	–	–	–	–	–	–
97 90 23	062158	97 52 38		200x	200x	200x	200x	200x	100x	100x	–	–	–	–	–	–	–
97 90 27	090021	12 72 190		400x	400x	400x	400x	300x	150x	–	–	–	–	–	–	–	–

Key to the pictograms on the last page

Crimp Assortment for cable connectors – Page 35



Art. No.	EAN 4003773-	Pliers	Cable connector	Quantity	Cable mm²
97 90 21	062134	97 52 36	Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1
			Blade term sock, 6.3 x 0.8 mm	25	1.5 – 2.5
			Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1
			Round sockets, Ø 4 mm	25	0.5 – 1
			Cable connectors, eye type, Ø 4 mm	25	4 – 6
			Cable connectors, eye type, Ø 4 mm	25	4 – 6
			Cable connectors, eye type, Ø 5 mm	25	1.5 – 2.5
			Cable connectors, eye type, Ø 5 mm	25	1.5 – 2.5
			Cable connectors, eye type, Ø 6 mm	25	1.5 – 2.5
			Butt connectors, insulated red	25	0.5 – 1
			Butt connectors, insulated blue	25	4 – 6
			Round pin plug, Ø 4 mm	25	1.5 – 2.5
97 90 22	062141	97 52 36 12 42 195	Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1
			Blade term sock, 6.3 x 0.8 mm	25	1.5 – 2.5
			Cable connectors, eye type, Ø 4 mm	25	0.5 – 1
			Cable connectors, eye type, Ø 5 mm	25	0.5 – 1
			Cable connectors, eye type, Ø 6 mm	25	1.5 – 2.5
			Cable connectors, eye type, Ø 8 mm	25	1.5 – 2.5
			Cable connectors, eye type, Ø 4 mm	25	1.5 – 2.5
			Cable connectors, eye type, Ø 5 mm	25	4 – 6
			Cable connectors, eye type, Ø 6 mm	25	4 – 6
			Butt connectors, insulated red	25	0.5 – 1
			Butt connectors, insulated blue	25	1.5 – 2.5
			Butt connectors, insulated yellow	25	4 – 6
97 90 25	076971	97 22 240	Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1.5
			Blade term sock, 6.3 x 0,8 mm	25	1 – 2.5
			Cable connectors, eye type, Ø 4 mm	25	0.5 – 1
			Cable connectors, eye type, Ø 5 mm	25	1.5 – 2.5
			Cable connectors, eye type, Ø 4 mm	25	4 – 6
			Cable connectors, eye type, Ø 5 mm	25	0.5 – 1
			Cable connectors, eye type, Ø 6 mm	25	1.5 – 2.5
			Cable connectors, eye type, Ø 6 mm	25	0.5 – 1
			Cable connectors, eye type, Ø 8 mm	25	1.5 – 2.5
			Butt connectors, insulated red	25	0.5 – 1
			Butt connectors, insulated blue	25	1.5 – 2.5
			Butt connectors, insulated yellow	25	4 – 6
97 90 26	079521	97 32 240	Non-insulated blade terminal sockets, 6.3 x 0.8 mm	25	1.5 – 2.5
			Non-insulated blade terminal sockets, 6.3 x 0.8 mm	25	4 – 6
			Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1
			Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1
			Blade term sock, 6.3 x 0.8 mm	25	1.5 – 2.5
			Flachstecker, 6.3 x 0.8 mm	25	1.5 – 2.5
			Flachstecker, 6.3 x 0.8 mm	25	4 – 6
			Cable connectors, eye type Ø 4 mm	25	4 – 6
			Cable connectors, eye type Ø 4 mm	25	0.5 – 1
			Butt connectors, insulated red	25	1.5 – 2.5
			Butt connectors, insulated blue	25	0.5 – 1
			Butt connectors, insulated yellow	25	0.5 – 1

Electrical Installation Pliers (PATENTED) – Page 36



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	Stripping capacity for single strands mm	Crimping capacities mm²
13 86 200	075097	200	1000 V	chrome plated	chrome plated		15	50	0.75 – 1.5 / 2.5	0.5 – 2.5
13 96 200	075110	200	1000 V	chrome plated	chrome plated		15	50	0.75 – 1.5 / 2.5	0.5 – 2.5
13 96 200 T	081425	200	1000 V	chrome plated	chrome plated	T	15	50	0.75 – 1.5 / 2.5	0.5 – 2.5

KNIPEX WireStripper (PATENTED) – Page 36



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²
13 76 200 ME	088943	200	1000 V	chrome plated	chrome plated		15	50

Stripping Pliers – Page 37



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacity Ø mm	Stripping capacities mm²	Ø mm	Ø mm
13 46 165	079699	165	1000 V	chrome plated	chrome plated		8 – 13	0.75 – 1.5 / 2.5	3.2	2.2

Diagonal Insulation Strippers – Page 37



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities Ø mm	Stripping capacities mm²	AWG
14 26 160	040279	160	1000 V	chrome plated	chrome plated		2.5	1.5	1.5 / 2.5	16 / 14

Combination Pliers – Page 37



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities Ø mm	Cutting capacities Ø mm	Cutting capacities mm²
03 06 160	021902	160	1000 V	chrome plated	chrome plated		3.1	2.0	10	16
03 06 180	021926	180	1000 V	chrome plated	chrome plated		3.4	2.2	12	16
03 06 180 T	081395	180	1000 V	chrome plated	chrome plated	T	3.4	2.2	12	16
03 06 200	033776	200	1000 V	chrome plated	chrome plated		3.8	2.5	13	16
03 07 180	015314	180	1000 V	chrome plated	chrome plated		3.4	2.2	12	16
03 07 200	015321	200	1000 V	chrome plated	chrome plated		3.8	2.5	13	16

Combination Pliers – Page 37



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities Ø mm	Cutting capacities Ø mm	Cutting capacities mm²
01 06 160	040729	160	1000 V	chrome plated	chrome plated		2	1.5	10	16
01 06 190	040415	190	1000 V	chrome plated	chrome plated		2.5	2	13	25

High-Leverage Combination Pliers – Page 37



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities Ø mm	Cutting capacities Ø mm	Cutting capacities mm²
02 06 180	010012	180	1000 V	chrome plated	chrome plated		2.5	2.0	11.5	16
02 06 200	010029	200	1000 V	chrome plated	chrome plated		2.8	2.2	13.0	25
02 06 225	010036	225	1000 V	chrome plated	chrome plated		3.0	2.5	14.0	25

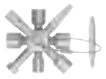
Key to the pictograms on the last page

Needle-Nose Combination Pliers (PATENTED) – Page 37



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²
08 26 145	079361	145	1000 V	chrome plated	chrome plated		3	2	8	16
08 26 145 T	081401	145	1000 V	chrome plated	chrome plated		3	2	8	16
08 26 185	088356	185	1000 V	chrome plated	polished		3.8	3	13	25

KNIPEX TwinKey® (PATENTED) – Page 38



Art. No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Ø mm	Ø mm
00 11 01	074670	92	3–5	5/6–7/8–9/10–11	7–8/9–10/11–12	6–10	6

Standard Control Cabinet Key – Page 38



Art. No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Inch	Bit
00 11 02	048947	44	3–5	5/6/7–8	7/8–9	1/4	PH2/slotted 1x7
00 11 03	041658	76	3–5	5/6/7–8	7/8–9	1/4	PH2/slotted 1x7

Profi-Key – Page 38



Art. No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Ø mm	Ø mm	Inch	Bit
00 11 04	048954	89	3–5	5/7/8	9–10	6/7/8/9/10	3	1/4	PH2/slotted 1x7

Universal Key – Page 38



Art. No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Ø mm	Ø mm	Inch
00 11 06	071334	96	3–5	5/6/7–8/9–10	7–8/9–10/11		6	1/4
00 11 06 V01	075394	96	3–5	5/6/7–8/9–10	7–8/9–10/11	6/7/8/9	6	1/4

Control Cabinet Key Double-Joint – Page 38



Art. No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm
00 11 06 V03	083085	62	3–5	5/6/7–8	7/8–9

Control Cabinet Key Joint-Key Quadro – Page 38



Art. No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm
00 11 06 V04	084389	63	3–5	5/6–7/8–9	5/6–7/8–9/10

Pen-Style Control Cabinet Key – Page 38



Art. No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Inch	Bit
00 11 07	063018	145	3 – 5	5 / 6 / 8	9	1/4	PH2 / slotted 1.2x7 TX20 / TC25

Snipe Nose Side Cutting Pliers (Stork Beak Pliers) – Page 39



Art. No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities Ø mm
25 06 160	033806	160	chrome plated	chrome plated		2.5	1.6
25 06 160 T	081432	160	chrome plated	chrome plated	T	2.5	1.6
25 26 160	052111	160	chrome plated	chrome plated		2.5	1.6
26 16 200	022831	200	chrome plated	chrome plated		3.2	2.2
26 16 200 T	081449	200	chrome plated	chrome plated	T	3.2	2.2
26 17 200	016069	200	chrome plated	chrome plated		3.2	2.2
26 26 200	022855	200	chrome plated	chrome plated		3.2	2.2
26 26 200 T	081456	200	chrome plated	chrome plated	T	3.2	2.2
26 27 200	016090	200	chrome plated	chrome plated		3.2	2.2

Flat Nose Pliers – Page 39



Art. No.	EAN 4003773-	↔ mm	Pliers	Head	Handles
20 06 160	033783	160	chrome plated	chrome plated	

Round Nose Pliers – Page 39



Art. No.	EAN 4003773-	↔ mm	Pliers	Head	Handles
22 06 160	033790	160	chrome plated	chrome plated	

Long Nose Pliers – Page 39



Art. No.	EAN 4003773-	↔ mm	Pliers	Head	Handles
30 16 160	001904	160	chrome plated	chrome plated	
30 36 160	002123	160	chrome plated	chrome plated	

Gripping Pliers made of plastic – Page 40



Art. No.	EAN 4003773-	↔ mm	Handles
98 62 01	073956	180	

Plastic Snipe Nose Pliers – Page 40



Art. No.	EAN 4003773-	↔ mm	Handles
98 62 02	073963	220	

Pliers Wrench – Page 40



Art. No.	EAN 4003773-	↔ mm		Pliers	Handles	Ø Inch	Ø mm	Adjustment positions
86 06 250	082408	250	1000 V	chrome plated		2	52	19
87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)						

KNIPEX Cobra® VDE (PATENTED) – Page 41



Art. No.	EAN 4003773-	↔ mm		Pliers	Handles	Ø Inch	Ø mm	Ø mm	Adjustment positions
87 26 250	071495	250	1000 V	chrome plated		2	50	46	24
87 26 250 T	081517	250	1000 V	chrome plated	T	2	50	46	24
87 29 01	079002	Assortment of spare parts for 87 2X 250							

KNIPEX Alligator® – Page 41



Art. No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions
88 06 250	039303	250	1000 V	chrome plated	chrome plated		2	50	46	9
88 07 250	019343	250	1000 V	chrome plated	chrome plated		2	50	46	9

Siphon and Connector Pliers – Page 41



Art. No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Clamping range Ø mm	Adjustment positions
81 13 250	078494	250	chrome plated	chrome plated		10 – 75	25

Precision Tweezers – Page 42



Art. No.	EAN 4003773-	L x W x H mm	Gripping surface	Finish	Handles	Tweezers tip version	Tip width left x right mm
92 27 61	054757	125 x 11 x 35	1000 V	straight		pointed	0.5 x 0.5
92 27 62	054764	150 x 8 x 40	1000 V	straight		pointed	1.0 x 1.3
92 37 64	054856	148 x 14 x 40	1000 V	angled 30°		blunt	1.0 x 1.3
92 47 01	086963	142 x 16 x 38	1000 V	angled 30°		blunt	1.3 x 3.0
92 67 63	054931	145 x 11 x 38	1000 V	straight		blunt	1.3 x 3.0

KNIPEX CutiX (PATENTED) – Page 42



Art. No.	EAN 4003773-	↔ mm
90 10 165 BK	087533	165
90 10 165 E01	087557	Stabilisation bar for 90 10 165 BK
90 10 165 E02	088219	Spare blade for 90 10 165 BK (10x)

Folding Knife for Electricians – Page 42



Art. No.	EAN 4003773-	↔ mm	Blade length mm
16 20 50 SB	082705	120	80

KNIPEX BiX (PATENTED) – Page 43



Art. No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm
90 22 10 BK	087311	72	20 – 56
90 22 10 E01	087564	Set with 8 spare blades for 90 22 10 BK	

Pipe Cutter – Page 43



Art. No.	EAN 4003773-	↔ mm	Body	Cutting capacities Ø mm	Blade length mm
94 10 185	047025	**185**	die-cast aluminium body, red lacquered	6 – 35	35
94 19 185	047032	Spare blade for 94 10 185			
94 19 185 02	053804	Spring clip for 94 10 185			

KNIPEX PlastiCut® – Page 43



Art. No.	EAN 4003773-	↔ mm	Cutting capacities max. Ø mm
90 20 185	067122	185	25
90 29 185	067139	Spare blade for 90 20 185	

KNIPEX TwistCut® (PATENTED) – Page 44



Art. No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm	Stripping capacity conductors and strands mm²
90 22 01 SB	082286	100	13 – 32	
90 22 02 SB	082293	100	13 – 32	0.2 – 4

KNIPEX TubiX® S – Page 44



Art. No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm
90 31 01	090038	77	30
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 44



Art. No.	EAN 4003773-	↔ mm	Cutting capacities Ø Inch	Cutting capacities Ø mm
90 31 02 BK	084907	180	1/4 – 1 3/8	6 – 35
90 39 02 V01	085874	Cutting wheel for stainless steel and copper		
90 39 02 V02	085881	Spare deburring tool for 90 31 03		
90 39 02 V03	086307	5 x Cutting wheel for stainless steel and copper		

KNIPEX TubiX® XL – Page 44



Art. No.	EAN 4003773-	↔ mm	Cutting capacities Ø Inch	Cutting capacities Ø mm
90 31 03 BK	088127	260	1/4 – 3	6 – 76
90 31 03 E01	088134	Spare deburring tool 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		

Notching Pliers – Page 45



Art. No.	EAN 4003773-	↔ mm		Pliers	Handles	Capacity Width x Depth mm
90 61 16	051947	250	MM	burnished	1K	16 x 32
90 61 20	051954	250	MM	burnished	1K	20 x 29

Cutter for ribbon cable – Page 45



Art. No.	EAN 4003773-	↔ mm		Tool	Handles	Blade length mm
94 15 215	046011	215	MM	chrome plated		56

Anvil Shears – Page 45



Art. No.	EAN 4003773-	↔ mm		Tool	Handles	Blade length mm
94 55 200	080763	200	MM	chrome plated		40

Vinyl Shears – Page 45



Art. No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities mm	Blade length mm
95 02 21	052128	275	MM	burnished		max. 4	110

Shears for KEVLAR® fibres – Page 45



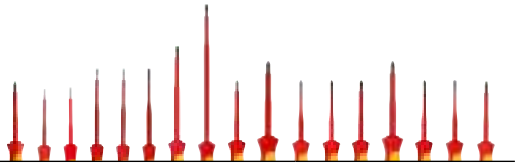
Art. No.	EAN 4003773-	↔ mm	Tool	Handles
95 03 160 SB	043362	160	chrome plated	1K

Combination Shears – Page 45



Art. No.	EAN 4003773-	↔ mm		Head	Handles
95 05 140	019589	140		polished	1K
95 05 185	060277	185	∠40°	polished	1K
95 05 190	019602	190		polished	1K

Screwdriver – Page 45



Art. No.	EAN 4003773-	↔ mm		Point	Handles	Application	Nominal size
98 12 01	086178	185	1000 V	burnished		for Robertson screws	R1
98 12 02	086185	210	1000 V	burnished		for Robertson screws	R2
98 13 20	071693	175	1000 V	burnished		for hexagon socket screws	2 x 75 mm
98 13 30	026341	182	1000 V	burnished		for hexagon socket screws	3 x 75 mm
98 13 40	026358	182	1000 V	burnished		for hexagon socket screws	4 x 75 mm
98 13 50	026365	187	1000 V	burnished		for hexagon socket screws	5 x 75 mm
98 13 60	026372	212	1000 V	burnished		for hexagon socket screws	6 x 100 mm
98 20 10	026396	320	1000 V	burnished		for slotted screws	1.6 x 10 x 200 mm
98 20 25	062325	177	1000 V	burnished		for slotted screws	0.4 x 2.5 x 75 mm
98 20 30	062332	202	1000 V	burnished		for slotted screws	0.5 x 3 x 100 mm
98 20 35	024217	202	1000 V	burnished		for slotted screws	0.6 x 3.5 x 100 mm
98 20 40	026402	202	1000 V	burnished		for slotted screws	0.8 x 4 x 100 mm
98 20 55	024224	232	1000 V	burnished		for slotted screws	1 x 5.5 x 125 mm
98 20 65	026419	262	1000 V	burnished		for slotted screws	1.2 x 6.5 x 150 mm
98 20 80	024231	295	1000 V	burnished		for slotted screws	1.2 x 8 x 175 mm
98 20 35 SL	079712	202	1000 V	burnished		(Slim) for slotted screws	0.6 x 3.5 x 100 mm
98 20 40 SL	079729	202	1000 V	burnished		(Slim) for slotted screws	0.8 x 4 x 100 mm
98 20 55 SL	079736	232	1000 V	burnished		(Slim) for slotted screws	1 x 5.5 x 125 mm
98 20 65 SL	079743	232	1000 V	burnished		(Slim) for slotted screws	1.2 x 6.5 x 150 mm
98 21 45	026426	287	1000 V	burnished		for slotted screws	0.8 x 4.5 x 180 mm
98 24 00	026433	162	1000 V	burnished		for cross recessed Phillips® screws	PH0 x 60 mm
98 24 01	026440	187	1000 V	burnished		for cross recessed Phillips® screws	PH1 x 80 mm
98 24 02	026457	212	1000 V	burnished		for cross recessed Phillips® screws	PH2 x 100 mm
98 24 03	026464	270	1000 V	burnished		for cross recessed Phillips® screws	PH3 x 150 mm
98 24 04	026471	320	1000 V	burnished		for cross recessed Phillips® screws	PH4 x 200 mm
98 24 01 SL	079750	187	1000 V	burnished		(Slim) for cross-recessed screws, Phillips®	PH1 x 80 mm
98 24 02 SL	079767	212	1000 V	burnished		(Slim) for cross-recessed screws, Phillips®	PH2 x 100 mm
98 24 01 SLS	081036	187	1000 V	burnished		(Slim) Plus Minus Phillips®	PH/S 1 x 80 mm
98 24 02 SLS	081043	212	1000 V	burnished		(Slim) Plus Minus Phillips®	PH/S 2 x 100 mm
98 25 00	062370	162	1000 V	burnished		for cross recessed Pozidriv® screws	PZ 0 x 60 mm
98 25 01	031260	187	1000 V	burnished		for cross recessed Pozidriv® screws	PZ1 x 80 mm
98 25 02	031277	212	1000 V	burnished		for cross recessed Pozidriv® screws	PZ2 x 100 mm
98 25 03	031284	270	1000 V	burnished		for cross recessed Pozidriv® screws	PZ3 x 150 mm
98 25 04	062387	320	1000 V	burnished		for cross recessed Pozidriv® screws	PZ4 x 200 mm
98 25 01 SL	079774	187	1000 V	burnished		(Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm
98 25 02 SL	079781	212	1000 V	burnished		(Slim) for cross-recessed screws, Pozidriv®	PZ2 x 100 mm
98 25 01 SLS	081050	187	1000 V	burnished		(Slim) Plus Minus Pozidriv®	PZ/S 1 x 80 mm
98 25 02 SLS	081067	212	1000 V	burnished		(Slim) Plus Minus Pozidriv®	PZ/S 2 x 100 mm
98 26 10	071709	160	1000 V	burnished		for Torx® screws	TX10
98 26 15	071716	185	1000 V	burnished		for Torx® screws	TX15
98 26 20	071723	185	1000 V	burnished		for Torx® screws	TX20
98 26 25	071730	185	1000 V	burnished		for Torx® screws	TX25
98 26 30	071747	210	1000 V	burnished		for Torx® screws	TX30

Open-End Wrench – Page 46



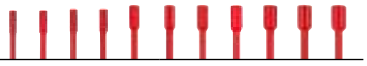
Art. No.	EAN 4003773-	Handles	Width across flats mm	Width across flats Inch	Length max. mm	Head width max. mm	Head thickness max. mm
98 00 07	019824	1000 V	7	–	105	20	4
98 00 08	019831	1000 V	8	–	105	22	4
98 00 09	019848	1000 V	9	–	105	24	4
98 00 10	019893	1000 V	10	–	105	27	5
98 00 11	019909	1000 V	11	–	120	30	5.5
98 00 12	019923	1000 V	12	–	125	32	5.5
98 00 13	019930	1000 V	13	–	130	34	6.5
98 00 14	019947	1000 V	14	–	135	35	6.5
98 00 15	019954	1000 V	15	–	145	37	7
98 00 16	019961	1000 V	16	–	155	38	7
98 00 17	019978	1000 V	17	–	155	42	8
98 00 18	019985	1000 V	18	–	160	44	8
98 00 19	019992	1000 V	19	–	165	47	9
98 00 22	020004	1000 V	22	–	190	52	9
98 00 24	020011	1000 V	24	–	210	56	9
98 00 27	020028	1000 V	27	1	215	63	9

Box Wrench – Page 46



Art. No.	EAN 4003773-	Handles	Width across flats mm	Length max. mm	Head width max. mm	Head thickness max. mm	Depth of crank max. mm
98 01 07	020134	1000 V	7	150	12	7	18
98 01 08	020141	1000 V	8	155	14	7	19
98 01 09	020158	1000 V	9	165	15.5	8	19
98 01 10	020196	1000 V	10	160	17	9	20
98 01 11	020202	1000 V	11	165	18.5	10	21
98 01 12	020226	1000 V	12	185	18.5	10	23
98 01 13	020233	1000 V	13	185	21.5	11	23
98 01 14	020240	1000 V	14	195	23	12	24
98 01 15	020257	1000 V	15	200	24	12	24
98 01 16	020264	1000 V	16	200	26	12	26
98 01 17	020271	1000 V	17	205	27	13	26
98 01 18	020288	1000 V	18	210	29	13	28
98 01 19	020295	1000 V	19	225	30	14	28
98 01 22	020301	1000 V	22	225	35	15	30
98 01 24	020318	1000 V	24	265	38	16	30

Nut Driver – Page 46



Art. No.	EAN 4003773-	↔ mm		Point	Handles	Width across flats mm	Blade length mm	Handle length mm	Head diametre mm
98 03 04	071679	232	1000 V	burnished		4	125	107	9
98 03 05	071686	232	1000 V	burnished		5	125	107	10
98 03 055	026082	232	1000 V	burnished		5.5	125	107	11
98 03 06	026099	232	1000 V	burnished		6	125	107	12
98 03 07	026105	237	1000 V	burnished		7	125	112	14
98 03 08	024095	237	1000 V	burnished		8	125	112	15
98 03 09	026112	237	1000 V	burnished		9	125	112	16
98 03 10	026129	237	1000 V	burnished		10	125	112	17
98 03 11	026136	237	1000 V	burnished		11	125	112	19
98 03 12	026143	237	1000 V	burnished		12	125	112	20
98 03 13	026150	237	1000 V	burnished		13	125	112	21

Adjustable Wrench – Page 46



Art. No.	EAN 4003773-	↔ mm		Tool	Handles	mm	Inch	Jaw width mm	Head width mm	Width mm	Depth mm
98 07 250	071518	260	1000 V 22°	chrome plated		30.0	1 1/8	8.0	16.0	73.0	20.0

Socket for Torx® screws – Page 46



Art. No.	EAN 4003773-	↔ mm		Size
98 29 25	084600	123	1000 V	TX25
98 29 27	084617	123	1000 V	TX27
98 29 30	084624	123	1000 V	TX30
98 29 40	084631	123	1000 V	TX40
98 29 45	084648	117	1000 V	TX45
98 29 50	084655	117	1000 V	TX50

Reversible Ratchet with driving square – Page 46



Art. No.	EAN 4003773-	↔ mm		Handles	Square drive Inch
98 31	026495	190	1000 V		3/8
98 41	026518	265	1000 V		1/2

Extension Bar – Page 46



Art. No.	EAN 4003773-	↔ mm		Square drive Inch
98 35 125	020530	125	1000 V	3/8
98 35 250	020547	250	1000 V	3/8
98 45 125	020813	125	1000 V	1/2
98 45 250	020820	250	1000 V	1/2

Hexagon Socket for hexagonal socket screws – Page 46



Art. No.	EAN 4003773-	↔ mm		Width across flats mm	Length of non-insulated blade ± 2 mm	Square drive Inch
98 39 05	020776	75	1000 V	5	9	3/8
98 39 06	020783	75	1000 V	6	10	3/8
98 39 08	020790	75	1000 V	8	11	3/8
98 49 05	021155	75	1000 V	5	9	1/2
98 49 06	021162	75	1000 V	6	10	1/2
98 49 08	021179	75	1000 V	8	11	1/2

Hexagon Socket for hexagonal screws – Page 47



Art. No.	EAN 4003773-	↔ mm		Width across flats mm	Diametre of effective tool side max. mm	Square drive Inch
98 37 10	020578	42	1000 V	10	18.7	3/8
98 37 11	020585	43	1000 V	11	20	3/8
98 37 12	020608	44	1000 V	12	21.2	3/8
98 37 13	020615	45	1000 V	13	22.5	3/8
98 37 14	020622	46	1000 V	14	23.7	3/8
98 37 15	089490	47	1000 V	15	27.5	3/8
98 37 16	027263	46	1000 V	16	26.2	3/8
98 37 17	020639	46	1000 V	17	27.5	3/8
98 37 18	089506	49	1000 V	18	31	3/8
98 37 19	020646	49	1000 V	19	30	3/8
98 37 22	089513	49	1000 V	22	33.7	3/8
98 47 10	020882	54	1000 V	10	19.5	1/2
98 47 11	020899	54	1000 V	11	20.7	1/2
98 47 12	020912	55	1000 V	12	23	1/2
98 47 13	020929	55	1000 V	13	23.2	1/2
98 47 14	020943	55	1000 V	14	24.5	1/2
98 47 16	027287	55	1000 V	16	26.9	1/2
98 47 17	020967	55	1000 V	17	28.2	1/2
98 47 18	027294	55	1000 V	18	29	1/2
98 47 19	020974	54	1000 V	19	30.7	1/2
98 47 22	020981	58	1000 V	22	34.5	1/2
98 47 24	020998	61	1000 V	24	37	1/2
98 47 27	021001	63	1000 V	27	41	1/2

Slip-On Cap – Page 47



Art. No.	EAN 4003773-	↔ mm		Conductor key
98 66 01	084150	80	1000 V	1
98 66 02	084167	80	1000 V	2
98 66 03	084174	80	1000 V	3

Self-Clamping Slip-On Cap – Page 47



Art. No.	EAN 4003773-	↔ mm		Inside dia. mm
98 66 10	084181	80	1000 V	10
98 66 20	084198	100	1000 V	20
98 66 30	084204	110	1000 V	30
98 66 40	083498	135	1000 V	40
98 66 45	083382	130	1000 V	45
98 66 50	083504	135	1000 V	50
98 66 60	084419	140	1000 V	60

Clamp – Page 47



Art. No.	EAN 4003773-	↔ mm		Hand-les	Clamping capacity mm
98 64 02	021193	150	1000 V	1K	15

Insulating Gloves – Page 47



Art. No.	EAN 4003773-		Size	Class
98 65 40	021285	1000 V	9	0
98 65 41	021292	1000 V	10	0
98 65 42	077862	1000 V	11	0
98 65 43	077879	1000 V	9	1
98 65 44	077886	1000 V	10	1
98 65 45	077893	1000 V	11	1
98 65 46	077909	1000 V	9	2
98 65 47	077916	1000 V	10	2

Electrical Safety Cover – Page 47



Art. No.	EAN 4003773-		Dimensions mm	Thickness mm	g
98 67 05	026600	1000 V	500 x 500	1	301
98 67 10	026617	1000 V	1000 x 1000	1	820

Tool Backpack "Modular X18" Electric – Page 50



Art. No.	EAN 4003773-		Nominal size		Quantity	⚖ g
00 21 50 E	089063	Tool backpack "Modular X18" Electric				6600
00 11 01		KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
08 26 185		Needle-Nose Combination Pliers	185 mm	KNIPEX	1	
12 52 195		KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08–16 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0–13 mm	KNIPEX	1	
26 26 200		Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
78 06 125		Electronic Super Knips	125 mm	KNIPEX	1	
90 22 10 BK		KNIPEX BiX Cutter for plastic pipes and sealing sleeves	72 mm	KNIPEX	1	
97 53 14		Self-Adjusting Crimping Pliers	0.08–16 mm²	KNIPEX	1	
98 20 35 SL		Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 20 55 SL		Screwdrivers (Slim) for slotted screws	1 x 5.5 x 125 mm	KNIPEX	1	
98 25 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	KNIPEX	1	
98 25 01 SLS		Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ/S1 x 80 mm	KNIPEX	1	
98 25 02 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ2 x 100 mm	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Wooden folding rule type 1607, white	2000 mm	KNIPEX	1	
		Set of hex key wrenches	1.5–10 mm	Wera	1	
		Deep hole marker		Lyra	1	
		Locksmith's hammer	300 g	Picard	1	
		Pocket Electric mini spirit level	68 mm	Stabila	1	
		Spirit level type 70	30 cm	Stabila	1	
00 21 50 LE	089056	Tool backpack "Modular X18" empty				

Tool Case "Robust26 Move" Electric – Page 50



Art. No.	EAN 4003773-		Nominal size		Quantity	⚖ g
00 21 33 E	089094	Tool case "Robust26 Move" Electric				10100
00 11 01		KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
08 26 185		Needle-Nose Combination Pliers	185 mm	KNIPEX	1	
12 52 195		KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08–16 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8–13 mm	KNIPEX	1	
26 26 200		Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
78 06 125		Electronic Super Knips	125 mm	KNIPEX	1	
90 22 10 BK		KNIPEX BiX Cutter for plastic pipes and sealing sleeves	72 mm	KNIPEX	1	
97 53 14		Self-Adjusting Crimping Pliers	0.08–16 mm²	KNIPEX	1	
98 20 35 SL		Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 20 55 SL		Screwdrivers (Slim) for slotted screws	1 x 5.5 x 125 mm	KNIPEX	1	
98 25 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	KNIPEX	1	
98 25 01 SLS		Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ/S1 x 80 mm	KNIPEX	1	
98 25 02 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ2 x 100 mm	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Wooden folding rule type 1607, white	2000 mm	KNIPEX	1	
		Set of hex key wrenches	1.5–10 mm	Wera	1	
		Deep hole marker		Lyra	1	
		Locksmith's hammer	300 g	Picard	1	
		Pocket Electric mini spirit level	68 mm	Stabila	1	
		Spirit level type 70	30 mm	Stabila	1	
00 21 33 LE	057543	Tool case "Robust26 Move" empty				

Tool case “Robust45 Move” Electric – Page 51



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 37	082606	Tool case “Robust45 Move” Electric				14770
00 11 01		KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
08 26 145		Needle-Nose Combination Pliers	145 mm	KNIPEX	1	
12 52 195 SB		KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08 – 16 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0–13 mm	KNIPEX	1	
26 26 200		Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
74 06 200		High-leverage diagonal cutters	200 mm	KNIPEX	1	
86 03 180		Pliers wrench	180 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
97 53 04		Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	KNIPEX	1	
98 20 35 SL		Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 25 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Kraftform Compact VDE 16 Slim		Wera	1	
		Joker open-end wrench	10 x 13 mm	Wera	1	
		8100 SA 8 Zyklop set of metal ratchets 28 pieces	1/4”	Wera	1	
		Locksmith’s hammer	300 g	Picard	1	
		Electrician’s Chisels	250 x 10 mm	Rennsteig	1	
		PCS chisel set for SDS plus electric hammers, 3-piece		Rennsteig	1	
		Spirit Level Type 70 Electric	430 mm	Stabila	1	
		Pocket Electric mini spirit level	68 mm	Stabila	1	
00 21 37 LE	082590	Tool case “Robust45 Move” empty				

Tool case “BIG Twin Move” Electric – Page 51



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 41	082118	Tool case “BIG Twin Move” Electric				12960
00 11 01		KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
08 26 145		Needle-Nose Combination Pliers	145 mm	KNIPEX	1	
12 52 195 SB		KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08 – 16 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0–13 mm	KNIPEX	1	
26 26 200		Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
74 06 200		High-leverage diagonal cutters	200 mm	KNIPEX	1	
86 03 180		Pliers wrench	180 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
97 53 04		Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	KNIPEX	1	
98 20 35 SL		Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 25 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Joker open-end wrench	10 x 13 mm	Wera	1	
		8100 SA 8 Zyklop set of metal ratchets 28 pieces	1/4”	Wera	1	
		VDE interchangeable blades, 16 parts, slim		Wera	1	
		Locksmith’s hammer	300 g	Picard	1	
		Electrician’s Chisels	250 x 10 mm	Rennsteig	1	
		PCS chisel set for SDS plus electric hammers, 3-piece		Rennsteig	1	
		Spirit Level Type 70 Electric	430 mm	Stabila	1	
		Pocket Electric mini spirit level	68 mm	Stabila	1	
00 21 41 LE	071549	Tool case “BIG Twin Move” empty				

Tool case “BIG Twin” Electric – Page 51



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 42	084228	Tool case “BIG Twin” Electric				11550
00 11 01		KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
08 26 145		Needle-Nose Combination Pliers	145 mm	KNIPEX	1	
12 52 195		KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08–16 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8–13 mm	KNIPEX	1	
26 26 200		Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
74 06 200		High-leverage diagonal cutters	200 mm	KNIPEX	1	
86 03 180		Pliers wrench	180 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
97 53 04		Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	KNIPEX	1	
98 20 35 SL		Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 25 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Joker open-end wrench	10 x 13 mm	Wera	1	
		8100 SA 8 Zyklop set of metal ratchets 28 pieces	1/4"	Wera	1	
		VDE interchangeable blades, 16 parts, slim		Wera	1	
		Locksmith’s hammer	300 g	Picard	1	
		Electrician’s Chisels	250 x 10 mm	Rennsteig	1	
		PCS chisel set for SDS plus electric hammers, 3-piece		Rennsteig	1	
		Spirit Level Type 70 Electric	430 mm	Stabila	1	
		Pocket Electric mini spirit level	68 mm	Stabila	1	
00 21 42 LE	084211	Tool case “BIG Twin” empty				

Tool Bag “Compact” Electric – Page 51



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 11	084532	Tool Bag “Compact” Electric				2975
12 40 200		Self-Adjusting Insulation Stripper	0.03 – 10 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0–13 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
78 06 125		Electronic Super Knips	125 mm	KNIPEX	1	
87 01 250		KNIPEX Cobra® High-Tech Water Pump Pliers	250 mm	KNIPEX	1	
97 53 04		Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	KNIPEX	1	
98 20 35 SL		Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 24 02 SL		Screwdrivers (Slim) for cross-recessed screws, Phillips®	PH2 x 100 mm	KNIPEX	1	
98 25 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	KNIPEX	1	
98 25 02 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ2 x 100 mm	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Wooden folding rule type 1607, white	2000 mm	KNIPEX	1	
00 21 11 LE	077718	Tool Bag “Compact” empty				

KNIPEX L-BOXX® Electric – Page 52



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 19 LB E	081623	KNIPEX L-BOXX® Electric				7495
00 11 01	PATENTED	KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
08 26 145	PATENTED 1000 V	Needle-Nose Combination Pliers	145 mm	KNIPEX	1	
12 52 195		KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08–16 mm²	KNIPEX	1	
13 86 200	PATENTED 1000 V	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8–13 mm	KNIPEX	1	
26 26 200	40° 1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160	1000 V	Diagonal cutter	160 mm	KNIPEX	1	
74 06 200	1000 V	High-leverage diagonal cutters	200 mm	KNIPEX	1	
86 03 180		Pliers wrench	180 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
97 53 04	PATENTED	Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	KNIPEX	1	
98 20 35 SL	1000 V	Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 25 01 SL	1000 V	Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ 1	KNIPEX	1	
98 52	1000 V	Cable knife	190 mm	KNIPEX	1	
		Joker open-end wrench	10 x 13 mm	Wera	1	
		8100 SA 8 Zyklop set of metal ratchets 28 pieces	1/4"	Wera	1	
		VDE interchangeable blades, 16 parts, slim	0.5 x 3 x 70 mm	Wera	1	
		Locksmith's hammer	300 g	Picard	1	
		Electrician's Chisels	250 x 10 mm	Rennsteig	1	
		Spirit Level Type 70 Electric	430 cm	Stabila	1	
		Pocket Electric mini spirit level	68 mm	Stabila	1	
00 21 19 LB	081616	KNIPEX L-BOXX®, empty				

Tool case "Vision24" Electric – Page 52



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 20	052166	Tool case "Vision24" Electric				11550
03 06 180	1000 V	Combination Pliers	180 mm	KNIPEX	1	
12 40 200		KNIPEX EvoStrip Self-Adjusting Insulation Stripper	0.03 –10 mm²	KNIPEX	1	
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8–13 mm	KNIPEX	1	
26 16 200	1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
26 26 200	40° 1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160	1000 V	Diagonal cutter	160 mm	KNIPEX	1	
74 06 200	1000 V	High-leverage diagonal cutters	200 mm	KNIPEX	1	
86 03 180		Pliers wrench	180 mm	KNIPEX	1	
87 03 250		KNIPEX Cobra® High-Tech Water Pump Pliers	250 mm	KNIPEX	1	
95 16 200	1000 V	Cable Shears with a twin cutting edge	Ø 20 mm / 70 mm²	KNIPEX	1	
98 20 25	1000 V	Screwdrivers (Slim) for slotted screws	0.4 x 2.5 x 75 mm	KNIPEX	1	
98 20 40 SL	1000 V	Screwdrivers (Slim) for slotted screws	0.8 x 4 x 100 mm	KNIPEX	1	
98 20 55 SL	1000 V	Screwdrivers (Slim) for slotted screws	1 x 5.5 x 125 mm	KNIPEX	1	
98 20 65 SL	1000 V	Screwdrivers (Slim) for slotted screws	1.2 x 6.5 x 150 mm	KNIPEX	1	
98 24 01 SL	1000 V	Screwdrivers (Slim) for cross-recessed screws, Phillips®	PH1 x 80 mm	KNIPEX	1	
98 24 02 SL	1000 V	Screwdrivers (Slim) for cross-recessed screws, Phillips®	PH2 x 100 mm	KNIPEX	1	
98 25 01 SL	1000 V	Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	KNIPEX	1	
98 25 02 SL	1000 V	Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ2 x 100 mm	KNIPEX	1	
98 52	1000 V	Cable knife	190 mm	KNIPEX	1	
		Voltage tester, single-pole 247	0.5 x 3 x 70 mm	Wera	1	
00 21 20 LE	044567	Tool case "Vision24" empty				

Tool Case “BIG Twin Move RED” Electric Competence – Page 52



Art. No.	EAN 4003773-		Nominal size	Quantity	g
98 99 15	084341	Tool Case “BIG Twin Move RED” Electric Competence			9170
08 26 145		Needle-Nose Combination Pliers	145 mm	1	
11 06 160		Insulation Stripper with opening spring, universal	Ø 5 mm / 10 mm²	1	
70 06 160		Diagonal cutter	160 mm	1	
95 16 200		Cable Shears with twin cutting edge	Ø 20 mm / 70 mm²	1	
98 00 10		Open-end wrench	10 mm	1	
98 00 13		Open-end wrench	13 mm	1	
98 00 14		Open-end wrench	14 mm	1	
98 00 17		Open-end wrench	17 mm	1	
98 00 19		Open-end wrench	19 mm	1	
98 00 22		Open-end wrench	22 mm	1	
98 01 10		Box wrench	10 mm	1	
98 01 13		Box wrench	13 mm	1	
98 01 14		Box wrench	14 mm	1	
98 01 17		Box wrench	17 mm	1	
98 01 19		Box wrench	19 mm	1	
98 01 22		Box wrench	22 mm	1	
98 20 25		Screwdriver for slotted screws	0.4 x 2.5 x 75 mm	1	
98 20 40 SL		Screwdrivers (Slim) for slotted screws	0.8 x 4.0 x 100 mm	1	
98 20 55 SL		Screwdrivers (Slim) for slotted screws	1.0 x 5.5 x 125 mm	1	
98 20 65 SL		Screwdrivers (Slim) for slotted screws	1.2 x 6.5 x 150 mm	1	
98 24 01 SL		Screwdrivers (Slim) for cross-recessed screws, Phillips®	PH1 x 80 mm	1	
98 24 02 SL		Screwdrivers (Slim) for cross-recessed screws, Phillips®	PH2 x 100 mm	1	
98 25 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	1	
98 25 02 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ2 x 100 mm	1	
98 25 02 SLS		Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ/S2 x 100 mm	1	
98 41		Reversible Ratchet with driving square 1/2"	5–50 Nm in 0.25 Nm increments	1	
98 45 125		Extension bar with internal/external square 1/2"	+ 125 mm	1	
98 45 250		Extension bar with internal/external square 1/2"	+ 250 mm	1	
98 47 10		Hexagon Socket for hexagonal screws with internal square 1/2"	10 mm	1	
98 47 11		Hexagon Socket for hexagonal screws with internal square 1/2"	11 mm	1	
98 47 12		Hexagon Socket for hexagonal screws with internal square 1/2"	12 mm	1	
98 47 13		Hexagon Socket for hexagonal screws with internal square 1/2"	13 mm	1	
98 47 14		Hexagon Socket for hexagonal screws with internal square 1/2"	14 mm	1	
98 47 17		Hexagon Socket for hexagonal screws with internal square 1/2"	17 mm	1	
98 47 19		Hexagon Socket for hexagonal screws with internal square 1/2"	19 mm	1	
98 47 22		Hexagon Socket for hexagonal screws with internal square 1/2"	22 mm	1	
98 47 24		Hexagon Socket for hexagonal screws with internal square 1/2"	24 mm	1	
98 52		Cable knife	190 mm	1	
98 53 03		Stripping Knife	155 mm	1	
98 64 02		Plastic Insulating Clamp		6	
98 99 15 LE	084334	Tool Case “BIG Twin Move RED” empty			

Tool case “BIG Basic Move” ElectricPlus – Page 53



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 06	086260	Tool case“BIG Basic Move“ ElectricPlus				11550
00 11 01		KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
08 26 145		Needle-Nose Combination Pliers	145 mm	KNIPEX	1	
12 52 195		KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08–16 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8–13 mm	KNIPEX	1	
26 26 200		Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
74 06 200		High-leverage diagonal cutters	200 mm	KNIPEX	1	
78 06 125		Electronic Super Knips VDE	125 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
97 53 18		KNIPEX Twistor16® Self-Adjusting Crimping Pliers for wire ferrules	0.14 – 16 mm²	KNIPEX	1	
98 20 25		Screwdriver for slotted screws	0.4 x 2.5 x 75 mm	KNIPEX	1	
98 20 35 SL		Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 20 40 SL		Screwdrivers (Slim) for slotted screws	0.8 x 4 x 100 mm	KNIPEX	1	
98 20 55 SL		Screwdrivers (Slim) for slotted screws	1 x 5.5 x 125 mm	KNIPEX	1	
98 24 01 SL		Screwdrivers (Slim) for cross-recessed screws, Phillips®	PH1 x 80 mm	KNIPEX	1	
98 24 02 SL		Screwdrivers (Slim) for cross-recessed screws, Phillips®	PH2 x 100 mm	KNIPEX	1	
98 25 01		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1	KNIPEX	1	
98 25 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ1 x 80 mm	KNIPEX	1	
98 25 01 SLS		Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ / S1 x 80 mm	KNIPEX	1	
98 25 02 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PZ2 x 100 mm	KNIPEX	1	
98 25 02 SLS		Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ / S2 x 100 mm	KNIPEX	1	
98 26 10		Screwdriver for Torx® screws	TX10	KNIPEX	1	
98 26 15		Screwdriver for Torx® screws	TX15	KNIPEX	1	
98 26 20		Screwdriver for Torx® screws	TX20	KNIPEX	1	
98 26 25		Screwdriver for Torx® screws	TX25	KNIPEX	1	
98 26 30		Screwdriver for Torx® screws	TX30	KNIPEX	1	
		Wooden folding rule type 1607, white	2000 mm	KNIPEX	1	
		Set of hex key wrenches	1.5–10 mm	Wera	1	
		8100 SA 8 Zyklop set of metal ratchets 28 pieces	1 / 4“	Wera	1	
		Locksmith’s hammer	300 g	Picard	1	
		Electrician’s Chisels	250 x 10 mm	Rennsteig	1	
		PCS chisel set for SDS plus electric hammers, 3-piece		Rennsteig	1	
		Spirit Level Type 70 Electric	430 mm	Stabila	1	
		Pocket Electric mini spirit level	68 mm	Stabila	1	
00 21 06 LE	057512	Tool case “BIG Basic Move“ empty				

Tool case “Robust23” Electric – Page 53



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 35	084365	Tool case “Robust23“ Electric				11550
12 40 200		KNIPEX EvoStrip Self-Adjusting Insulation Stripper	0.03 –10 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8–13 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
97 53 04		Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Wooden folding rule type 1607, white	2000 mm	KNIPEX	1	
		Kraftform Compact VDE 16 Slim		Wera	1	
00 21 35 LE	077596	Tool case “Robust23“ empty				

Tool case "BIG Basic Move" Electric – Page 53



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 06 HL S	084235	Tool case "BIG Basic Move" Electric				10425
03 06 180		Combination Pliers	180 mm	KNIPEX	1	
11 06 160		Insulation Stripper with opening spring, universal	Ø 5 mm / 10 mm²	KNIPEX	1	
16 20 165 SB		Dismantling Tool with scalpel blade	Ø 8 – 28 mm	KNIPEX	1	
26 16 200		Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Voltage tester, single-pole 247	0.5 x 3 x 70 mm	Wera	1	
		Screwdriver for slotted screws 1160i	0.4 x 2.5 x 80 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	PH1 x 80 mm	Wera	1	
		Screwdriver Phillips® 1162i	PH2 x 100 mm	Wera	1	
		Schraubendreher, Kreuzschlitz Pozidriv® 1165i	PZ1 x 80 mm	Wera	1	
		Schraubendreher, Kreuzschlitz Pozidriv® 1165i	PZ2 x 100 mm	Wera	1	
		PUK® Junior Hacksaw	150 x 240 mm	Haunstetter	1	
		Painter's spatula 40 mm, wood, high quality	40 mm	Maurerfreund	1	
		Flat brush	40 mm	Picard	1	
		Plaster bowl	127 x 94	Picard	1	
		Masonry Chisels	250 mm	Rennsteig	1	
		Electrician's Chisels	250 x 10 mm	Rennsteig	1	
		Locksmith's hammer, 300 g	300 g	Ruthe	1	
		Sledge hammer	1000 g	Ruthe	1	
		Carpenter's pencil		Stabila	1	
00 21 06 LE	057512	Tool case "BIG Basic Move" empty				

Tool case "Robust34" Electric – Page 54



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 36	082583	Tool case "Robust34" Electric				8810
00 11 01		KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
08 26 145		Needle-Nose Combination Pliers	145 mm	KNIPEX	1	
12 40 200		KNIPEX EvoStrip Self-Adjusting Insulation Stripper	0.03 – 10 mm²	KNIPEX	1	
13 86 200		Pliers for Electrical Installation	Ø 15 mm / 50 mm²	KNIPEX	1	
16 95 01 SB		KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8 –13 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
97 53 04		Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Kraftform Compact VDE 16 Slim		Wera	1	
		Spirit level type 70	430 cm	Stabila	1	
00 21 36 LE	082576	Tool case "Robust34" empty				

Tool bag "Classic" Electric – Page 54



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 21 02 EL	081951	Tool bag "Classic" Electric				6820
03 06 180		Combination Pliers	180 mm	KNIPEX	1	
11 06 160		Insulation Stripper with opening spring, universal	Ø 5 mm / 1 mm²	KNIPEX	1	
16 20 165 SB		Dismantling Tool with scalpel blade	Ø 8 – 28 mm	KNIPEX	1	
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8–13 mm	KNIPEX	1	
26 16 200		Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
70 06 160		Diagonal cutter	160 mm	KNIPEX	1	
98 20 25		Screwdrivers (Slim) for slotted screws	0.4 x 2.5 x 75 mm			
98 20 35 SL		Screwdrivers (Slim) for slotted screws	0.6 x 3.5 x 100 mm	KNIPEX	1	
98 20 55 SL		Screwdrivers (Slim) for slotted screws	1 x 5.5 x 125 mm	KNIPEX	1	
98 20 65 SL		Screwdrivers (Slim) for slotted screws	1.2 x 6.5 x 150 mm	KNIPEX	1	
98 24 01 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PH1 x 80 mm	KNIPEX	1	
98 24 02 SL		Screwdrivers (Slim) for cross-recessed screws, Pozidriv®	PH2 x 100 mm	KNIPEX	1	
98 52		Cable knife	190 mm	KNIPEX	1	
		Wooden folding rule type 1607, white	2000 mm	KNIPEX	1	
		Voltage detector, single-pole	10 x 13 mm	Wera	1	
		PUK® Junior Hacksaw	150 x 240 mm	Haunstetter	1	
		Painter's spatula 40 mm, wood, high quality	40 mm	Maurerfreund	1	
		Flat brush	40 mm	Picard	1	
		Plaster bowl	127 x 94	Picard	1	
		Chipping hammer	800 g	Picard	1	
		Masonry Chisels	300 mm	Rennsteig	1	
		Electrician's Chisels	250 x 10 mm	Rennsteig	1	
		Locksmith's hammer	300 g	Ruthe	1	
00 21 02 LE	057499	Tool bag "Classic" empty				

Compact Tool Case – Page 54



Art. No.	EAN 4003773-		Nominal size	Quantity	g
98 99 11	026624	Compact Tool Case			4055
03 07 200		Combination Pliers	200 mm	1	
70 06 160		Diagonal cutter	160 mm	1	
98 20 35		Screwdriver for slotted screws	0.6 x 3.5 x 100 mm	1	
98 20 40		Screwdriver for slotted screws	0.8 x 4 x 100 mm	1	
98 20 55		Screwdriver for slotted screws	1 x 5.5 x 125 mm	1	
98 24 00		Screwdrivers for cross-recessed screws, Phillips®	PH0 x 60 mm	1	
98 41		Reversible Ratchet with driving square 1/2"	265 mm	1	
98 45 125		Extension bar with internal/external square 1/2"	+ 125 mm		
98 45 250		Extension bar with internal/external square 1/2"	+ 250 mm		
98 47 10		Hexagon Socket for hexagonal screws with internal square 1/2"	10 mm	1	
98 47 11		Hexagon Socket for hexagonal screws with internal square 1/2"	11 mm	1	
98 47 12		Hexagon Socket for hexagonal screws with internal square 1/2"	12 mm	1	
98 47 13		Hexagon Socket for hexagonal screws with internal square 1/2"	13 mm	1	
98 47 14		Hexagon Socket for hexagonal screws with internal square 1/2"	14 mm	1	
98 47 17		Hexagon Socket for hexagonal screws with internal square 1/2"	17 mm	1	
98 47 19		Hexagon Socket for hexagonal screws with internal square 1/2"	19 mm	1	
98 52		Cable knife	190 mm	1	
98 99 11 LE	028857	Compact Tool Case empty			

Compact Tool Case – Page 54



Art. No.	EAN 4003773-		Nominal size	Quantity	g
98 99 12	026631	Compact Tool Case			4710
03 07 200		Combination Pliers	200 mm	1	
70 06 160		Diagonal cutter	160 mm	1	
98 00 10		Open-end wrench	10 mm	1	
98 00 11		Open-end wrench	11 mm	1	
98 00 12		Open-end wrench	12 mm	1	
98 00 13		Open-end wrench	13 mm	1	
98 00 14		Open-end wrench	14 mm	1	
98 00 17		Open-end wrench	17 mm	1	
98 00 19		Open-end wrench	19 mm	1	
98 20 25		Screwdriver for slotted screws	0.4 x 2.5 x 75 mm	1	
98 20 35		Screwdriver for slotted screws	0.6 x 3.5 x 100 mm	1	
98 20 40		Screwdriver for slotted screws	0.8 x 4 x 100 mm	1	
98 20 55		Screwdriver for slotted screws	1 x 5.5 x 125 mm	1	
98 24 00		Screwdrivers for cross-recessed screws, Phillips®	PH0 x 60 mm	1	
98 24 01		Screwdrivers for cross-recessed screws, Phillips®	PH1 x 80 mm	1	
98 24 02		Screwdrivers for cross-recessed screws, Phillips®	PH2 x 100 mm	1	
98 41		Reversible Ratchet with driving square 1/2"	265 mm	1	
98 45 125		Extension bar with internal/external square 1/2"	+ 125 mm		
98 47 10		Hexagon Socket for hexagonal screws with internal square 1/2"	10 mm	1	
98 47 11		Hexagon Socket for hexagonal screws with internal square 1/2"	11 mm	1	
98 47 12		Hexagon Socket for hexagonal screws with internal square 1/2"	12 mm	1	
98 47 13		Hexagon Socket for hexagonal screws with internal square 1/2"	13 mm	1	
98 47 14		Hexagon Socket for hexagonal screws with internal square 1/2"	14 mm	1	
98 47 17		Hexagon Socket for hexagonal screws with internal square 1/2"	17 mm	1	
98 47 19		Hexagon Socket for hexagonal screws with internal square 1/2"	19 mm	1	
98 52		Cable knife	190 mm	1	
98 53 03		Stripping Knife	155 mm	1	
98 99 12 LE	028154	Compact Tool Case empty			

Tool Case for Photovoltaics – Page 55



Art. No.	EAN 4003773-		Nominal size	Quantity	g
97 91 01	070351	Tool Case for Photovoltaics			1964
12 12 11		Precision Insulation Stripper with adapted blades 1.5/2.5/4.0/6.0 mm²	1.5–6 mm²	1	
95 16 165		Cable shears	Ø 15 mm/50 mm²	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 mm²	4–10 mm²	1	
95 16 165		Cable shears	Ø 15 mm/50 mm²	1	
97 43 200 A		Crimp System Pliers for exchangeable crimping dies		1	
97 91 01 LE	088813	Tool Case for Photovoltaics empty			

Tool Sets for Photovoltaics MC4® – Page 55



Art. No.	EAN 4003773-		Nominal size	Quantity	g
97 91 04 V01	088998	Tool Case for Photovoltaics for MC4® connectors			2010
12 12 11		Precision Insulation Stripper with adapted blades 1.5 / 2.5 / 4.0 / 6.0 mm²	1.5 – 6 mm²	1	
95 16 165	1000 V	Cable shears	Ø 15 mm / 50 mm²	1	
97 43 200 A		Crimp System Pliers for exchangeable crimping dies		1	
97 49 66		Crimping die for MC4® PV connectors	2.5 – 6 mm²	1	
97 49 66 1		Locator for 97 49 66 (PV connector MC4®)		1	
97 49 66 2		Crimping die for MC4® PV connectors		1	
97 91 04 V02	089001	Tool Case for Photovoltaics for MC4® connectors			2010
12 12 12		Precision Insulation Stripper with adapted blades 4 / 6 / 10 mm²	4 – 10 mm²	1	
95 16 165	1000 V	Cable shears	Ø 15 mm / 50 mm²	1	
97 43 200 A		Crimp System Pliers for exchangeable crimping dies		1	
97 49 71		Crimping die for MC4® PV connectors	4 – 10 mm²	1	
97 49 71 1		Locator for 97 49 71 (PV connector MC4®)		1	
97 49 66 2		Crimping die for MC4® PV connectors		1	
97 91 04 V03	093947	Tool Case for Photovoltaics for MC4®- and MC4® Evo 2 connectors			2200
12 12 12		Precision Insulation Stripper with adapted blades 4 / 6 / 10 mm²	4 – 10 mm²	1	
95 16 165	1000 V	Cable shears	Ø 15 mm / 50 mm²	1	
97 43 66 EVO		Crimp System Pliers for exchangeable crimping dies	4 / 6 / 10 mm²	1	
97 49 71 1		Locator for 97 49 71 (PV connector MC4®)		1	
97 49 66 3		Assembly tool set for MC4® and MC4® Evo 2 PV connectors		1	
97 91 01 LE	088813	Tool Case for Photovoltaics empty			

Photovoltaic Installations Set – Page 55



Art. No.	EAN 4003773-		Nominal size	Quantity	g
00 31 31 V01 SB	092780	Photovoltaic Installations Set			585.5
	16 95 03 SB	PATENTED KNIPEX ErgoStrip® PV Stripping Tool		1	
	97 52 42	KNIPEX PreciForce Crimping pliers for MC4®/MC4® Evo 2 connectors	4 – 6 mm²	1	

Tool bag "Service" empty – Page 56



Art. No.	EAN 4003773-	Exterior width mm	Exterior height mm	Exterior depth mm	g
00 21 10 LE	074472	440	180	320	2700

Universal Tweezers Set – Page 56



Art. No.	EAN 4003773-		Quantity	g
92 00 04	087052	Universal Tweezers Set insulated		275
92 27 61	1000 V	Universal Tweezers insulated	1	
92 27 62	1000 V	Universal Tweezers insulated	1	
92 37 64	1000 V 30°	Universal Tweezers insulated	1	
92 47 01	1000 V 30°	Universal Tweezers insulated	1	
92 67 63	1000 V	Universal Tweezers insulated	1	
00 19 92 V01 LE	087229	Tool roll for tweezers, 5 compartments		100

Tool Roll – Page 56



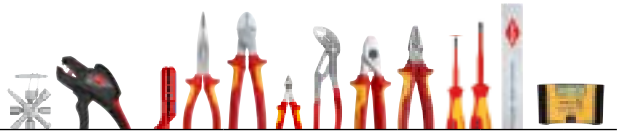
Art. No.	EAN 4003773-		Nominal size	Quantity	g
98 99 13	026648	Tool Roll			2715
03 07 200	1000 V	Combination Pliers	200 mm	1	
11 07 160	1000 V	Insulation Stripper with opening spring, universal	Ø 5 mm / 10 mm²	1	
26 17 200	1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
70 07 160	1000 V	Diagonal cutter	160 mm	1	
95 17 200	1000 V	Cable Shears with a twin cutting edge	Ø 20 mm / 70 mm²	1	
98 00 10	1000 V	Open-end wrench	10 mm	1	
98 00 13	1000 V	Open-end wrench	13 mm	1	
98 00 14	1000 V	Open-end wrench	14 mm	1	
98 00 17	1000 V	Open-end wrench	17 mm	1	
98 00 19	1000 V	Open-end wrench	19 mm	1	
98 20 25	1000 V	Screwdriver for slotted screws	0.4 x 2.5 x 75 mm	1	
98 20 40	1000 V	Screwdriver for slotted screws	0.8 x 4 x 100 mm	1	
98 20 55	1000 V	Screwdriver for slotted screws	1.0 x 5.5 x 125 mm	1	
98 20 65	1000 V	Screwdriver for slotted screws	1.2 x 6.5 x 150 mm	1	
98 52	1000 V	Cable knife	190 mm	1	
98 99 13 LE	028888	Empty tool roll, 15 compartments			100

Extension Set Electric 1 – Page 56



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 20 90 V01	084693	Extension Set Electric 1				1415
00 11 01	PATENTED	KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
16 80 125 SB		Universal Stripping Tool	Ø 8–13 mm	KNIPEX	1	
26 26 200	1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
74 06 200	1000 V	High-leverage diagonal cutters	200 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
95 16 165	1000 V	Cable Shears with a twin cutting edge	Ø 15 mm / 50 mm²	KNIPEX	1	
98 25 01 SLS	1000 V	Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ/S1 x 80 mm	KNIPEX	1	
98 25 02 SLS	1000 V	Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ/S2 x 100 mm	KNIPEX	1	
		Folding ruler Stabila series 400	200 mm	Stabila	1	
		Pocket Electric mini spirit level	68 cm	Stabila	1	

Extension Set Electric 2 – Page 56



Art. No.	EAN 4003773-		Nominal size		Quantity	g
00 20 90 V02	084709	Extension Set Electric 2				1915
00 11 01	PATENTED	KNIPEX TwinKey® Control Cabinet Key	92 mm	KNIPEX	1	
12 62 180		KNIPEX ComStrip	0.2 – 6 mm²	KNIPEX	1	
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8 – 13 mm	KNIPEX	1	
26 26 200	1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	KNIPEX	1	
74 06 200	1000 V	High-leverage diagonal cutters	200 mm	KNIPEX	1	
78 06 125	1000 V	Electronic Super Knips	125 mm	KNIPEX	1	
87 01 180		KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	KNIPEX	1	
95 16 165	1000 V	Cable Shears with a twin cutting edge	15 mm / 50 mm²	KNIPEX	1	
97 78 180	1000 V	Crimping Pliers for wire ferrules	0.25 – 16 mm²	KNIPEX	1	
98 25 01 SLS	1000 V	Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ/S1 x 80 mm	KNIPEX	1	
98 25 02 SLS	1000 V	Screwdrivers (Slim) Plus/Minus Pozidriv®	PZ/S2 x 100 mm	KNIPEX	1	
		Folding ruler Stabila series 400	200 mm	Stabila	1	
		Pocket Electric mini spirit level	68 cm	Stabila	1	

Electrical Installations Set – Page 57



Art. No.	EAN 4003773-		Nominal size	Quantity
00 31 30 BK V01	086574	Electrical Installations Set		
13 86 200	PATENTED 1000 V	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8 – 13 mm	1
70 06 160	1000 V	Diagonal cutter	160 mm	1
00 31 30 BK V02	087892	Electrical Cutting Set		
70 06 160	1000 V	Diagonal cutter	160 mm	1
78 06 125	1000 V	Electronic Super Knips VDE	125 mm	1
95 16 160	1000 V	KNIPEX StepCut® Cable Shears	Ø 15 mm / 50 mm²	1
00 31 30 BK V03	087885	Electrical Set		
11 06 160	1000 V	Insulation Stripper with opening spring, universal	Ø 5 mm / 10 mm²	1
26 16 200	1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1
70 06 160	1000 V	Diagonal cutter	160 mm	1

Tool Kits – Page 57



Art. No.	EAN 4003773-		Nominal size	Quantity
00 20 12	012412	Electric Set		
03 06 180	1000 V	Combination Pliers	180 mm	1
26 16 200	1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1
70 06 160	1000 V	Diagonal cutter	160 mm	1
00 20 13	043287	VDE Tool Set		
006110	1000 V	Screwdriver for slotted screws 1160i	0.6 x 3.5 x 100 mm	1
006120	1000 V	Screwdriver for slotted screws 1160i	1 x 5.5 x 125 mm	1
006154	1000 V	Screwdriver Phillips® 162i PH	PH2 x 100 mm	1
26 16 200	1000 V	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1
70 06 160	1000 V	Diagonal cutter	160 mm	1

Key to the pictograms on the last page

PLIERS KNOWLEDGE

Examples of different handle designs



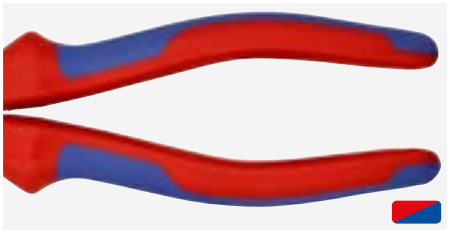
Straight handles,
All-metal design without plastic cover,
Are used when the hand has to be positioned in different places when gripping. This is often the case with pincers and concreters' nippers.



Curved handles
With 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
With 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.



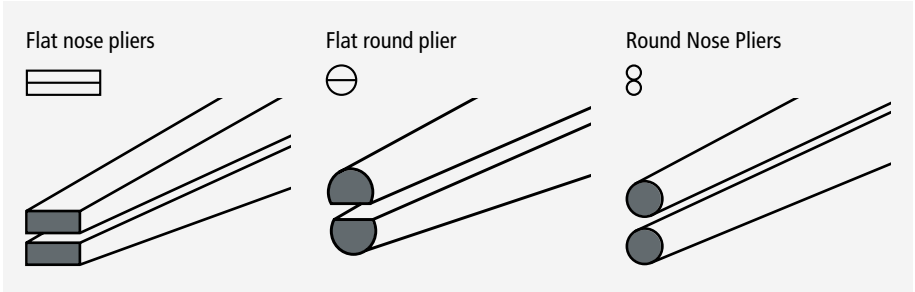
ESD handles,**
multi-component handles
Dissipative handles allow slowly controlled equalisation of any differences in electrical potential between the operator and sensitive electronic components.

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

Care tip

A drop of oil on the polished surfaces and in the joint keeps your pliers in good working order and extends their service life!

Basic shapes of the jaws



Safety instruction

- Each tool should only be used for its specified purpose
- When using cutting pliers: beware of wire ends flying off. Wear protective goggles and - if needed - gloves. Be aware of bystanders!
- Only handles marked with the symbol (1000 V) are insulating



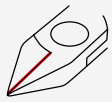


1	Point
2	Gripping surface
3	Recess (pipe grip)
4	Additional cutting edge
5	Jaw
6	Flank

Direction and position of cutting edges

Cutting edge transverse to the longitudinal direction		
Oblique cutting edge position		
Cutting edge in longitudinal direction – diagonal cutter		
Cutting edge in longitudinal direction – centre cutter		

Cutting edge shapes DIN ISO 5742

With bevel (outside bevel)		
With small bevel (outside bevel)		
With very small bevel (outside bevel)		
Flush cut		
Flush cut		

Joint types

Lap joint

With the lap joint, which is used on carpenters' pincers, concretors' nippers and high leverage diagonal cutters, the two halves of the pliers lie on top of each other withou being milled out. The pliers handle can thus be designed to be very robust.



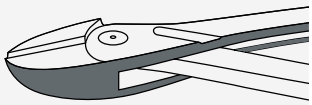
Single joint

With the single joint, half the thickness of each pliers handle is milled. Both pliers handles can thus be fitted into one another. The outer sides in the rivet area are smooth and not indented.



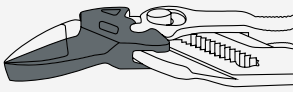
Box joint

One handle on the pliers is slit. The other handle is pushed through this slot. This joint connection can withstand a high level of load and strain because the joint bolt is supported on both sides and the inside handle is guided on both sides.



Sliding joint

Slip joints enable optimal adaptation of the gripping jaws of pliers to various workpiece sizes. The opening width of the jaws is increased or decreased for this purpose. This occurs through shifting the two pliers handles with respect to one another.



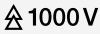
Wire classes

	Material examples	Type of wire	Tensile strength N/mm²	Tensile strength kp/mm²	
◔	Copper, plastics	soft	220	22	
◑	Nail, wire pin	medium-hard	750	75	
◕	Wire rope strand, steel wire	hard	1800	180	
●	Spring steel wire	piano wire	2300	230	

The maximum values always indicate the performance limit under the most favourable cutting conditions, when the wire is placed as near as possible to the joint.

LEGEND

EXPLANATION OF PICTOGRAMS

	Without sleeves
	Plastic-coated grips
	Handles with non-slip plastic coating
	Handles insulated with multi-component grips
	Handles with multi-component grips with integrated tether attachment point
	Comfort handles
	Handles insulated with multi-component grips
	Handles insulated with multi-component grips with integrated tether attachment point
	Handles with dipped insulation
	Handles with one-component sleeves (red)
	Handles with one-component sleeves insulating
	Handles with one-component sleeves (black)
	Handles with multi-component grips ESD
	Electrostatic discharging, dissipative
	Insulated according to IEC 60900, usable up to 1000 V AC/1500 V DC
	VDE tested, also in compliance with GPSG (Equipment and Product Safety Act)
	Cu- + Al-multi-conductor cable, solid and multi-stranded
	Wire rope
	Ribbon cable
	Steel wire armoured cable (SWA)
	ACSR cable
	Soft wire
	Medium hard wire
	Hard wire
	Piano wire
	Square crimp automatic
	Hexagonal crimp automatic
	4 / 8-Indent Crimp
	One-Indent Crimp
	Trapezoid-crimp
	Oval-crimp
	F-crimp
	Trapezoid indent crimp
	W-crimp
	Hexagonal crimp
	Square crimp
	Solarlok® crimp
	Modular Connector Crimping
	Trapezoidal crimp front
	Hexagonal
	Hexagonal screw
	Slotted screw
	Cross recessed screw
	Cross recessed screw PlusMinus
	Pozidriv cross recessed screw
	Torx
	Double-bit key
	Internal hexagonal
	Double hex
	Driving square
	With opening spring
	With lead catcher
	Internal circlip
	External circlip
	Retaining ring, straight
	Retaining ring, diagonal
	Grip ring
	Flat jaws
	Flat and pointed jaws
	Half-round jaws
	Round jaws
	Triangle
	Smooth gripping surfaces
	Smooth-serrated gripping surfaces
	Knurled gripping surfaces
	Cross-hatched, knurled gripping surfaces
	Centre cutter
	Cutting edges with bevel
	Cutting edges with small bevel
	Cutting edges with very small bevel
	Cutting edges without bevel
	For flush cut of soft materials



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