

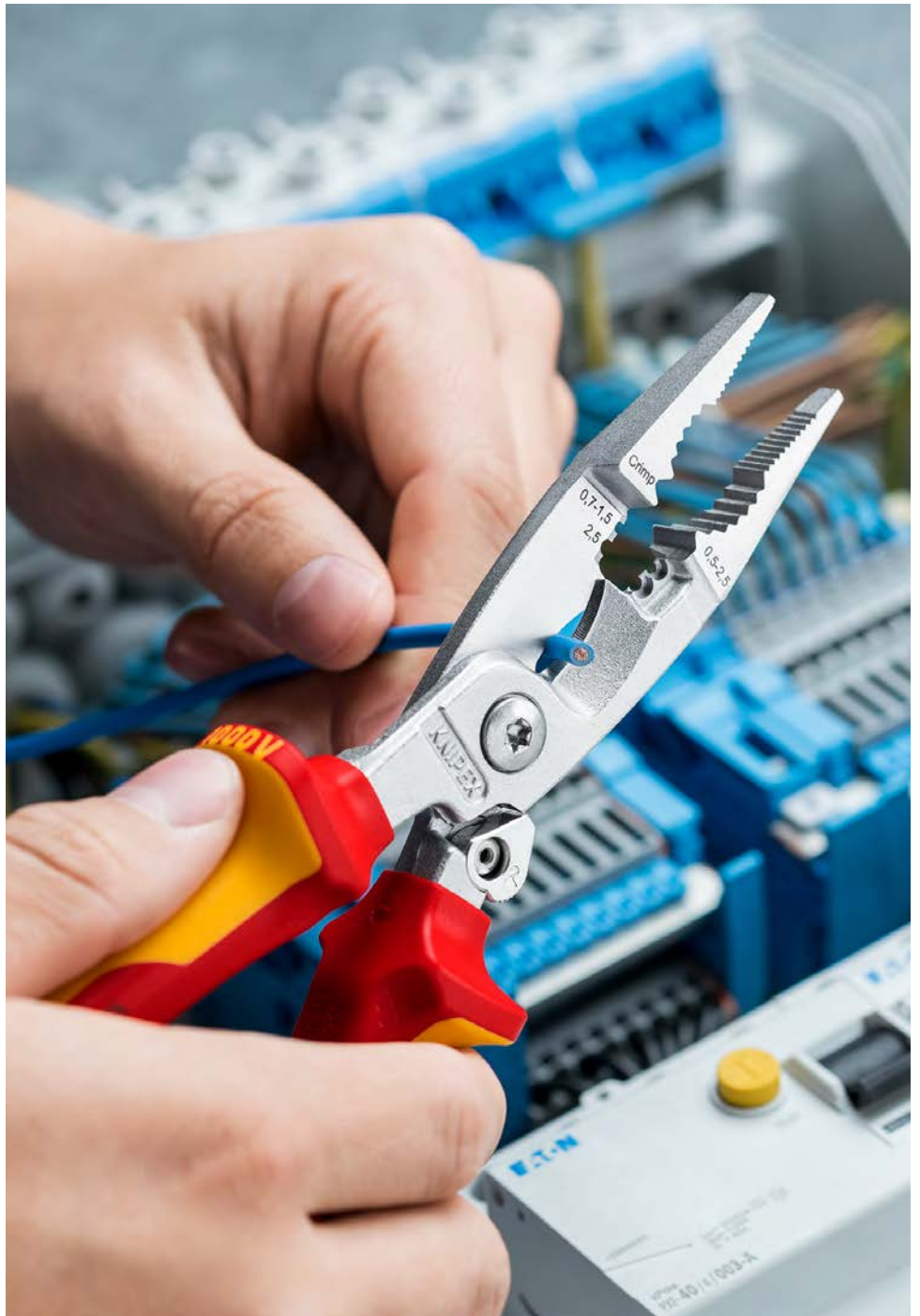


KNIPEX QUALITY – MADE IN GERMANY



ELECTRICAL

RANGE





BEST TOOLS FOR **THE ELECTRICAL INDUSTRY**

Precision, efficiency, and safety are key to delivering high-quality results in professional electrical work. For this, you need tools you can always rely on.

At KNIPEX, we combine premium quality with over 140 years of experience in tool manufacturing and continuous innovation. New demands – such as renewable energy, smart home technologies, and charging infrastructure for electric vehicles – are transforming the daily work of electricians.

Our development team is constantly working on innovative tool solutions. The range includes trusted all-rounders as well as highly specialised cable cutters, precision pliers for electronics, stripping tools, and crimping pliers, many of which are VDE-certified.

The result is tools that are perfectly tailored for professional use.

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Cutting cables, conductors and wire strands

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Manually and automatically

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Crimp all connectors with optimum conductivity

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From A to Z: from stripping to crimping and gripping to cutting

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Cut empty tubes, grip, hold, open and close everything

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PLIERS KNOWLEDGE

Information on handle variants and pictograms



INSULATED TOOLS ARE A MATTER OF TRUST

Electricians must be able to trust their tools. Reliability is vital when working on electrical installations: when using pliers, they are always holding their health in their hands. Our insulated tools therefore not only meet all legal requirements. They also offer the greatest possible safety, reliability and performance.



Testing the adhesion of VDE sleeves 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.

Each insulated tool is individually subjected to a breakdown test with 10,000 V AC before it is sold. Further tests check the insulation for heat, cold, tensile and impact resistance. External testing centres such as the VDE and the KNIPEX quality assurance system according to ISO 9001 guarantee the highest standards.



VDE*-Insulated handles



VDE*-Insulated handles with dip insulation

Of course, we not only test 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.

TOOLS WITH FALL PROTECTION

We offer three types of handles for fall protection with the KNIPEX Tethered Tools system: our yellow-red VDE-tested handles, blue-red multi-component handles and our new Comfort handles with the KNIPEXtend interface.

All pliers with tether attachment points can be secured directly with the Tethered Tools system; pliers with Comfort handles can be connected to fall protection devices via their KNIPEXtend interface with optional TetheredTool Clips (TTCs).



VDE*-Insulated handles with fall protection



Multi-component grip with fall protection



Comfort handles with KNIPEXtend interface











KNIPEXtend

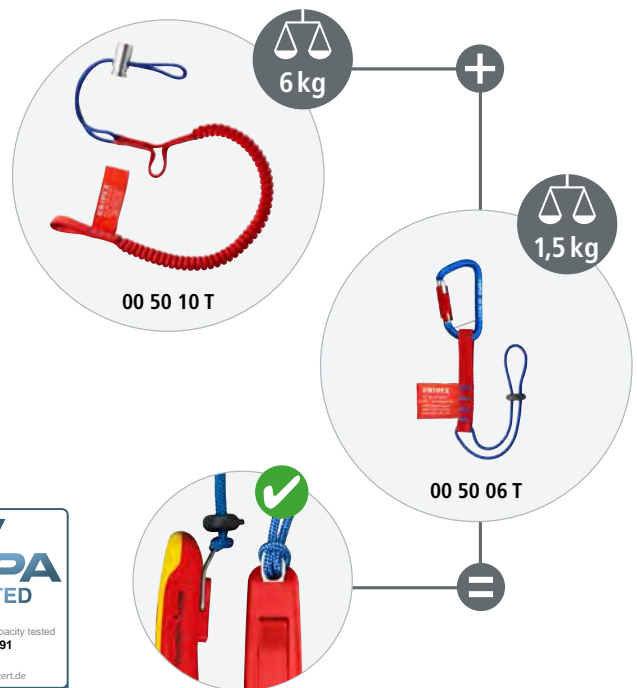


FALL PROTECTION: ADDITIONAL ACCESSORIES

Tethers, adapter straps, equipment carabiners



The tether and adapter strap for tools up to 1.5 kg fit directly onto all KNIPEX pliers with a tether attachment point or TetheredTool clip. The tether and adapter strap for tools up to 6 kg require an adapter strap for tools up to 1.5 kg for attachment to KNIPEX pliers.

Part No.	⚖️	Part No.	⚖️
 00 50 01 T BK	1.5 kg (3.3 lbs)	 00 50 11 T BK	6 kg (13 lbs)
 00 50 02 T BK	1.5 kg (3.3 lbs)	 00 50 12 T BK	6 kg (13 lbs)
 00 50 05 T BK	1.5 kg (3.3 lbs)	 00 50 13 T BK	6 kg (13 lbs)
 00 50 06 T BK	1.5 kg (3.3 lbs)	 00 50 03 T BK	
 00 50 10 T BK	6 kg (13 lbs)	 00 50 04 T BK	



Double-checked safety in accordance with ANSI ISEA 121-2023 and additionally by the independent testing laboratory VPA Remscheid

Tool Bags

Part No.	Part No.
 00 50 50 T LE	 00 50 51 T LE



PRODUCT HIGHLIGHTS

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



19 **KNIPEX NEXSTRIP®**
Perfect crimping: uniform, flat square pressing of wire ferrules



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

39

FLAT ROUND PLIERS

Dimensionally stable even when twisted and particularly strong when cutting



50

**TOOL BACKPACK
MODULAR X18 ELECTRIC**

Suits you and your tools:
practical and comfortable



36

ELECTRICAL INSTALLATION PLIERS

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

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-Conductor
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

	Illustration	Product	Art. no.	Special features/properties	Page	Capacity Ø ▼	
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 mm ²
			95 4X 165	Adjustable joint, with spring and stripping function 1.5 – 2.5 mm ²		12 mm	✓ 16 mm ²
		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 mm ²
		KNIPEX StepCut®	95 1X 160	Step cutter: particularly easy cutting of multi-core cables	10	15 mm	✓✓ 16 mm ²
		KNIPEX StepCut® XL	95 1X 225	For one- and two-hand operation; with additional cutting edge for nibbling large cables	10	23 mm	✓✓ 35 mm ²
		Cable Shears	95 05 165	Low weight, also suitable for smaller hands; with opening spring and catch	11	10 mm	✓ 6 mm ²
		Cable Shears	95 06 230	Low weight, also suitable for smaller hands	–	16 mm	✓ 16 mm ²
Two-hand cable cutters		Cable Shears	95 XX 500	Low weight, high transmission ratio	12	27 mm	✓ CU 150 mm ² AL 240 mm ²
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 mm ²
			95 XX 280			52 mm	✓ 380 mm ²
			95 XX 320			60 mm	✓ CU 600 mm ² AL 740 mm ²
		Cable Cutter	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 mm ²
		Cable Cutter	95 32 060	With telescopic handle	12	60 mm	✓ CU 740 mm ²
			95 32 100	With telescopic handle		100 mm	✓ CU 960 mm ²

✓✓ 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®

Single-core (rigid) Conductor class 1	Multi-wire (rigid) Conductor class 2	Multi-wire (rigid) Conductor class 2	Fine-stranded (flexible) Conductor class 5	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 mm ²	-	Wet room cable, underground cable up to approx. 10 mm ²	-	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 mm ²	✓ G: 5x1.5 mm ² S: 5x2.5 mm ²	-
✓	-	✓	✓ 50 mm ²	✓ G: 5x2.5 mm ² S: 5x6 mm ²	-
✓ 5x4 mm ²	✓ 35 mm ²	✓ 5x4 mm ²	✓✓ 50 mm ²	✓ G: 5x2.5 mm ² S: 5x6 mm ²	-
✓ 5x1.5 mm ²	✓ 35 mm ²	✓ 5x1.5 mm ²	✓✓ 35 mm ²	✓ G: 5x1.5 mm ² S: 5x2.5 mm ²	-
✓ 5x6 mm ²	✓ 35 mm ²	✓ 5x6 mm ²	✓✓ 70 mm ²	✓ G: 5x6 mm ² S: 5x10 mm ²	-
✓✓ 5x4 mm ²	✓✓ 35 mm ²	✓✓ 5x4 mm ²	✓ 50 mm ²	✓ G: 5x2.5 mm ² S: 5x6 mm ²	-
✓✓ 5x6 mm ²	✓✓ CU 70 mm ² AL 120 mm ²	✓✓ 5x6 mm ²	✓ 120 mm ²	✓ G: 5x6 mm ² S: 5x16 mm ²	-
✓ 5x1.5 mm ²	✓ 16 mm ²	✓ 5x1.5 mm ²	✓ 50 mm ²	✓ G: 3x1.5 mm ² S: 5x2.5 mm ²	-
✓ 5x4 mm ²	✓ 50 mm ²	✓ 5x6 mm ²	✓ 70 mm ²	✓ G: 5x4 mm ² S: 5x6 mm ²	-
✓ 4x35 mm ² 5x25 mm ²	✓ CU 150 mm ² AL 240 mm ²	✓ 4x35 mm ² 5x25 mm ²	✓✓ 185 mm ²	✓✓ G: 5x16 mm ² S: 5x25 mm ²	-
✓ 4x70 mm ²	✓ 240 mm ²	✓ 4x70 mm ²	-	-	-
✓ 4x95 mm ²	✓ 380 mm ²	✓ 4x95 mm ²	-	-	-
✓ CU 4x150 mm ² AL 4x185 mm ²	✓ CU 600 mm ² AL 740 mm ²	✓ CU 4x150 mm ² AL 4x185 mm ²	-	-	-
-	-	-	-	-	✓ 380 mm ²
✓ CU 4x70 mm ²	✓ CU 280 mm ²	✓ CU 4x70 mm ²	✓ 280 mm ²	✓ G: 5x25 mm ²	-
✓ CU 4x185 mm ²	✓ CU 740 mm ²	✓ CU 4x185 mm ²	-	-	-
✓ CU 4x240 mm ²	✓ CU 960 mm ²	✓ CU 4x240 mm ²	-	-	-

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-handed operation

- With power joint, long handles and optimised cutting edges: noticeably easier cutting than with compact cable shears
 - Large cutting capacity: cuts solid copper or aluminium cables up to 35 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 point



Cable Shears

Cable cutting with minimal effort

Further variants
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 \varnothing 15 mm (50 mm²)
 - > Not suitable for steel wire and hard drawn copper conductors
 - > Precision-ground, hardened blades
 - > With guard

ART. NO.:
95 16 165



Cable Shears

with twin cutting edge

Further variants
page 58 +

- Clean and smooth cut without crushing and deformation
 - By dividing the cutting process into pre-cutting and post-cutting, cables up to \varnothing 20 mm can be cut with one-handed operation
 - Pinch guard prevents operators' fingers being pinched
- > For cutting copper and Al-cables up to \varnothing 20 mm (70 mm²)
 - > Low handforce required due to favourable lever ratio and special blade geometry

ART. NO.:
95 16 200



Cable Shears

Handles extrusion plastic-coated

- > Cuts cables up to \varnothing 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

ART. NO.:
95 05 165



ART. NO.:
95 36 320



Cable Cutter

Ratchet action

Further variants
page 59 +

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

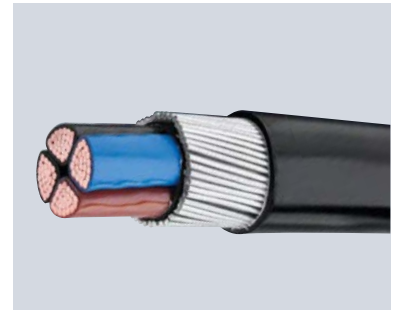


Cable Cutter

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

Further variants
page 59 +

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



THE CLASSICS: CABLE CUTTERS AND CABLE SHEARS

Further variants
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
handle

ART. NO.:
95 32 100

up to Ø 100 mm
960 mm²

Cable shears



Telescopic
handle



With fine serration for precise cutting ...



... and crimping function for common capacities

Electricians' Shears 45°

- 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
- > With crimping points for wire ferrules from 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

ART. NO.:
95 05 20 SB



Electricians' Shears

Further variants
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

ART. NO.:
95 05 155 SB



95 05 10 SB
With crimping function



Further product information can be found on page 59

PRECISE AND POWERFUL: THE RIGHT DIAGONAL CUTTERS FOR EVERY JOB

Further variants
page 60 +

ART. NO.:
70 06 160

Diagonal Cutter



The classic
for everyday
work

ART. NO.:
73 06 160

KNIPEX X-Cut®



Also for piano
wire and precise
cutting at the tip

ART. NO.:
74 06 200

High-Leverage
Diagonal Cutter



For very tough,
continuous use

ART. NO.:
78 06 125



Electronic Super Knips

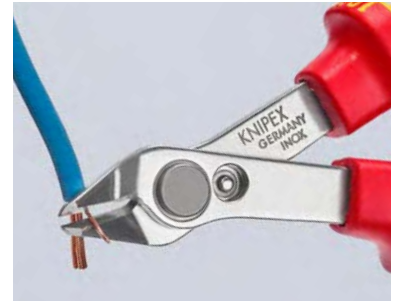
Further variants
page 60



- 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 \varnothing 0.2 mm
- > With opening spring and opening limiter



Precise, flush cutting of even the finest wires right up to the cutting 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 \varnothing 0.2 mm precisely and evenly
- > With opening spring and opening limiter



THE ENTIRE RANGE OF ELECTRONICS PLIERS

WE ARE FAMILY.

Sensitive gripping and cutting in all areas of electronics and fine mechanics.

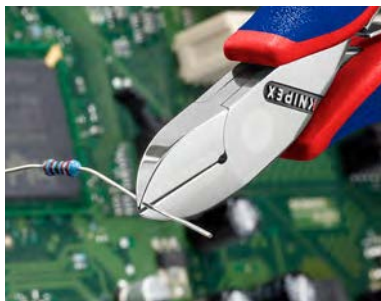
All details at
www.knipex.com



Electronics Diagonal Cutters

With box joint

- 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
 - > Cutting edges additionally laser-hardened, cutting edge hardness approx. 62 HRC



ART. NO.:
77 02 115



Precision Electronics Diagonal Cutters

With bolted joint

- > 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



ART. NO.:
79 02 125



Further product information can be found on page 61



PRODUCT FINDER

FOR STRIPPING TOOLS TO REMOVE WIRE INSULATION

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®	12 12 02	12 12 06	12 12 10
Art. no.		12 62 180	12 40 200	12 42 195	12 52 195	12 72 190			
Page		19	18	–	18	19	20		
Stripping capacity		0.2–6 mm ²	0.03–10 mm ²	0.03–10 mm ²	0.08–16 mm ²	0.03–10 mm ²	0.09/0.14/ 0.38/0.57/1/ 1.5/2.08 mm ²	0.25/0.75/ 1.5/2.5/4/ 6 mm ²	2.5/4/6/ 10 mm ²
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 mm ²	up to 6.0 mm ²	up to 6.0 mm ²	up to 6.0 mm ²	up to 6.0 mm ²	–	–	–
	Fine-stranded	up to 6.0 mm ²	up to 10.0 mm ²	up to 10.0 mm ²	up to 16.0 mm ²	up to 10.0 mm ²	–	–	–
Blade geometry									
Fine adjustment*		✓	✓	–	✓	✓	–	–	–
Crimping function (wire ferrules)		–	–	–	–	✓ 0.25–4 mm ² / 2 x 2.5 mm ²	–	–	–

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 mm ²	–	–	–	–
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

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 due to generous stripping range from 5 to 22 mm, even 25 mm without length stop
- > Cable cutter for Cu and Al conductors attached at the top offers maximum visual control: embossed, visible and tactile arrow always shows the exact cutting position, clean cuts thanks to optimised cutting edge geometry for fine-stranded conductors up to 10 mm², single-stranded up to 6 mm²



Precise adjustment wheel with fine increments

ART. NO.:
12 52 195



KNIPEX PreciStrip16

Automatic Insulation Stripper

- Simple, precise stripping of fine wires and solid round cables with a wide capacity range from 0.08 to 16 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

The Compact Insulation Stripper

- 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 fine-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

ART. NO.:
12 62 180



KNIPEX NexStrip®

Multi-Tool for Electricians

- Perfect crimping: fast and even square crimping for individual wire ferrules, the ratchet crimping mechanism guarantees the required crimping pressure
- Precise stripping: automatically adapts to the respective cable diameter and ensures consistent stripping lengths with the adjustable length stop especially with repetitive work
- Multi-component grips ensure non-slip, comfortable handling
- > Fast, precise square crimping of individual wire ferrules in accordance with DIN 46228 Parts 1 + 4, self-adjusting between 0.25–4 mm² / 2 x 2.5 mm² – allows quick change between various sizes
- > Stripping with fine adjustment – for optimum adaptation to special materials or temperature conditions for flexible and solid conductors between 0.03–10 mm² (AWG 32–8)
- > Clean cut of copper and aluminium conductors, fine-stranded up to 10 mm² (AWG 8), solid-stranded up to 6 mm² (AWG 10)

ART. NO.:
12 72 190



Cutting



Stripping



Crimping



2x2.5 mm²

4 mm²

2.5 mm²

0.5 mm²

0.25 mm²



Fine adjustment enables reliable stripping even under special operating conditions



ART. NO.:
12 12 06



Interchangeable
profile blades

Precision Insulation Stripper

With adapted blades

Further variants
page 62 +

- > Form-fitting stripping (0.25/0.75/1.5/2.5/4.0/6.0 mm²) even of difficult-to-remove insulation materials made of PTFE, silicone, Radox®, Kapton® and rubber; also multi-layered
- > 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



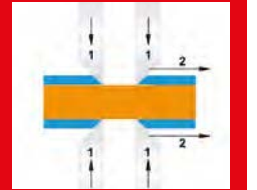
Precise cutting of the insulation to a complete extent



Form-fitted stripping due to precise shape of the blades

PRECISE AND RELIABLE

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

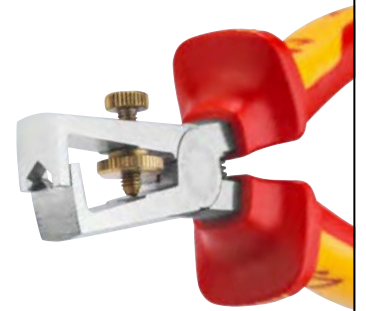


Insulation Stripper

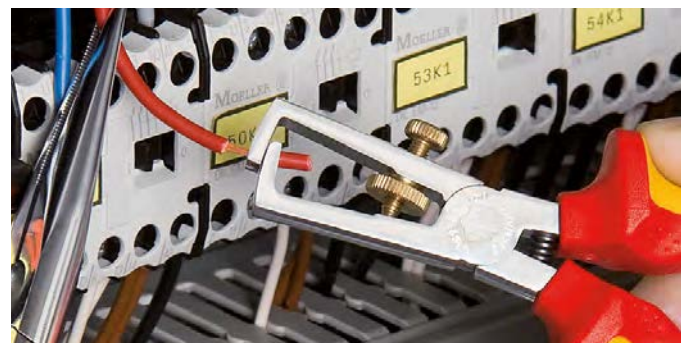
With opening spring, universal

Further variants
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 desired wire or conductor diameter using a knurled screw and lock nut
- > Special tool steel, forged, oil-hardened



13 66 180
KNIPEX StriX®
Insulation stripper with cable shears



ART. NO.:
12 74 180

Automatic Stripping Pliers

- For stripping flexible supply and extension cables, control and sensor/actuator cables
 - Automatic adjustment to cables from \varnothing 4.4 mm to \varnothing 7.5 mm, no damage to the conductor or shielding braid
 - Quick blade change when worn due to maintenance-friendly blade unit
- > Suitable for cable sheaths made of 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 due to smooth-running mechanism



ART. NO.:
12 64 180

Automatic Flat Cable Stripping Pliers

- For stripping PVC-insulated flat cables up to a maximum width of 12 mm
 - Automatic adjustment 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 due to smooth-running mechanism



ART. NO.:
16 95 01 SB



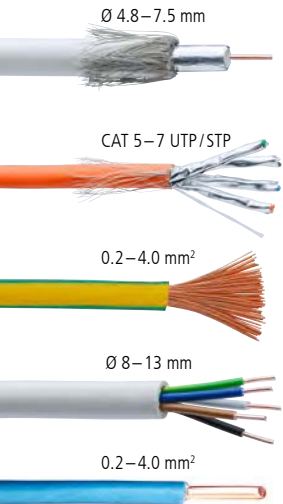
16 95 02 SB

KNIPEX ErgoStrip®

Universal Stripping Tool

Further variants
page 62 **+**

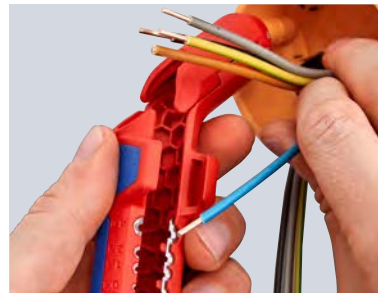
- For fast and precise stripping of all common round and damp-proof installation cables (e.g. NYM cable 3 x 1.5 mm² up to 5 x 2,5 mm²), data cables (e.g. twisted pair) and coax cables
 - Innovative, ergonomic pistol grip design for easy cutting, stripping and longitudinal cut of the sheath
- > Conical, 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
 > Multi-component design with a soft plastic zone for comfortable use and a secure grip



Stripping of a NYM cable



Stripping of a coax cable



Wire stripping on single conductors



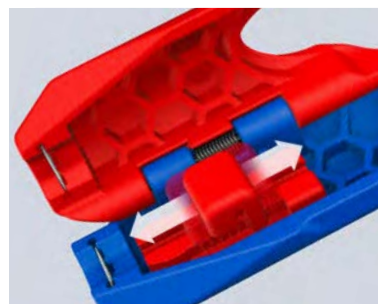
With concealed cutter in overhanging thumb rest on the side for convenient lengthwise cut



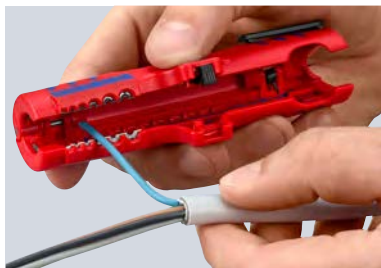
16 95 03 SB
KNIPEX ErgoStrip® PV



STRIPS EVEN TOUGH PV CABLES



16 95 03 SB: Length stop for PV cables: Adjustable from 6- 18 mm for reproducible stripping lengths, suitable for all common PV connectors



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 the longitudinal cut

Universal Stripping Tool

ART. NO.:
16 80 125 SB

Further variants
page 63 +

- > For stripping all common round and damp-proof installation cables between \varnothing 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

Additionally with longitudinal
cutter and extendable blade

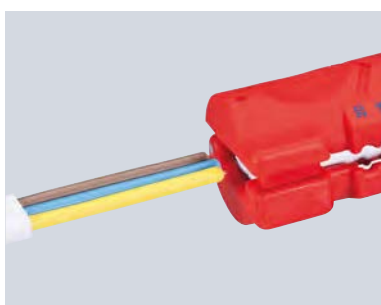
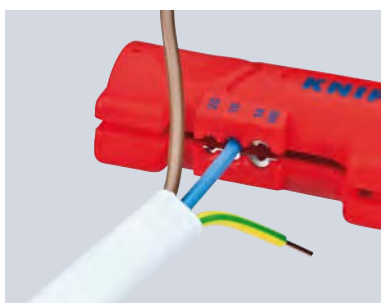


Stripping Tool

For coaxial and data cables

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 cutting and stripping telephone ribbon cable (4P/6P/8P) in a single operation
- > Integrated blade for trimming data cables



Stripping Tool

For flat and round cables

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 \varnothing 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



ART. NO.:
16 20 16 SB

Stripping Tool

With scalpel blade

Further variants
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 cutter



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
page 63 +

- > For removing round cable sheaths (Ø 6.0–29.0 mm) made of PVC, rubber, silicone, 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



OTHER STRIPPING AND SHEATHING TOOLS

Further variants
page 63 +

ART. NO.:
16 60 05 SB

Stripping Tool



For RG
58/59/62
coax cables

ART. NO.:
16 60 100 SB

Stripping Tool



For coaxial
and round
cables

ART. NO.:
16 65 125 SB

Stripping Tool



For round
data cables
CAT and
UTP / STP



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

- 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
- > Also cuts through very hard or tough plastic sheaths with a wall thickness of up to 7 mm
 - > 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

ART. NO.:
16 50 145 SB



Further product information can be found on page 64

Stripping Knife

With guide shoe

- > Ergonomically designed handle shape with comfortable slip guard
- > Particularly confident grip due to slip-proof soft components
- > Good transmission of force when pulling the knife due to the index finger recess and "finger hook" at the end of the handle
- > Transparent protective cap
- > Solid, fixed hook blade, sickle shaped
- > With guide shoe at the blade point

ART. NO.:
98 55



OTHER CABLE AND STRIPPING KNIVES

Further variants
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



↕
Crimp System
Pliers

		Illustration																		
		Product	Crimp System Pliers																	
		Art. no.	97 43 200 A 97 43 200																	
		Page	30																	
		Crimping die																		
		Crimp profile																		
		Illustration	Cable mm ² ▶	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 2x6-2x16 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 plus connectors		Insulated terminals and plug connectors	-	-	☑	☑	-	-	-	-	-	-	-	☑	-	-	-	-	-	-
		Non-insulated terminals and plug connectors	-	-	-	-	-	-	☑	☑	-	-	-	☑	☑	-	-	-	-	-
		Heat shrinkable sleeve connectors	-	-	-	-	☑	-	-	-	-	-	-	-	-	-	-	-	-	-
		Non-insulated plug connectors	2.8 mm	☑	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4.8 mm		☑	☑	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	6.3 mm		-	☑	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Photovoltaics		MC4®	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	☑
		MC4® Evo 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	☑
		H4™ S & F ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	☑	-
		H4™ CF ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	☑	-	☑
		H4 Plus™ S & F ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	☑	-
		H4 Plus™ CF ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	☑	-	-

↕ Interchangeable crimping dies | ¹ S & F = stamped and formed | ² CF = cold formed | * Crimping dies and locators not included in delivery

ART. NO.:
97 53 04

Self-Adjusting Crimping Pliers for wire ferrules

With lateral access

Further variants page 64 +

- Automatic adjustment to wire ferrules from 0.08–16 mm², square crimp profile
- > Also for all double 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 due to trigger lock in accordance with IEC 60352
- > Force magnified by lever action to ensure fatigue-free working
- > Handy design, smooth-running and lightweight



97 53 14
with hexagonal compression



97 55 04 / 14
also available in chrome-plated



The crimping pliers can be adjusted with the adjustment wheel for large wire ferrules of **1** 16 mm² or **2** 2 x 10 mm²



ART. NO.:
97 53 18

KNIPEX Twistor® 16

Self-Adjusting Crimping Pliers for wire ferrules with rotatable die head

Further variants page 65 +

- Automatic adjustment to wire ferrules from 0.14 – 16 mm², square crimp profile
- Crimping of wire ferrules possible from almost any working position: rotatable crimping die through 360°, with 8 locking positions
- Crimping opening accessible from both sides, extra-long wire ferrules can be pushed in

- > Also for all twin wire ferrules up to 2 x 6 mm² or 2 x AWG 12
- > Reliable and consistently high crimp quality due 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



Front loading of wire ferrules e.g. in switchboards



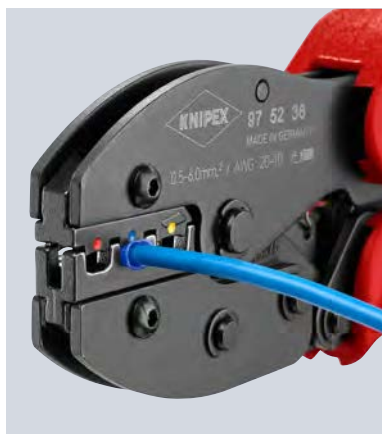
Self-Adjusting Crimping Pliers for wire ferrules

With front loading

Further variants page 65 +

- Automatic adjustment to wire ferrules from 0.08 – 10 mm², can be changed 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 due 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 range 0.08 to 10 or 16.0 mm²

ART. NO.:
97 53 09



KNIPEX PreciForce

Crimping Pliers for insulated cable connectors

Further variants page 65 +

- With 3 crimping dies for insulated cable connectors from 0.5 – 6.0 mm² (AWG 20 – 10)
- > Good handling due to favourable handle position, low weight, short design and ergonomically shaped handles
- > Reliable and consistently high crimp quality due to trigger lock in accordance with IEC 60352
- > Force magnified by lever action to ensure fatigue-free working
- > Crimping die is not exchangeable

ART. NO.:
97 52 36



The ratchet crimping mechanism opens the pliers once the optimum crimping pressure has been reached - automatically and by means of a spring



ART. NO.:
97 43 200 A



Crimp System Pliers

For exchangeable crimping dies

Further variants
page 65 +

- Only one tool for almost 1000 crimping applications: suitable for all crimping dies and locators 97 49 XX
 - Crimping dies for applications that go beyond the range offered are available on request
 - Best crimping results due to almost parallel crimping movement
- > Numerous locators available for precise position determination
- > Reliable and consistently high crimp quality due to trigger lock in accordance with IEC 60352



97 43 200: also available in a plastic case



97 43 200 A with optional crimping die 97 49 09 for wire ferrules

ART. NO.:
97 43 E



KNIPLEX eCrimp

Electromechanical system pliers for interchangeable crimping dies

- Can be used with all inserts and locators 97 49 xx for the mechanical crimping system pliers (97 43 200)
 - Strong electromechanical drive, no hydraulic components, no leakages
- > Long service intervals (up to 25,000 crimping operations): for high availability without service-related downtime
- > LED working light for targeted illumination of the crimping area
- > Max. pressing force of the jaws approx. 11 kN with low noise level



MATCHING CRIMPING DIES FOR THE KNIPLEX CRIMP SYSTEM PLIERS

Discover them on page 66 or online





Crimp System Pliers MC4® and MC4® Evo 2

ART. NO.:
97 43 66

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

- Preconfigured for MC4® and MC4® Evo 2 crimp contacts, capacity 2.5/4/6 mm², can be used with all other crimping dies and locators 97 49 XX
 - Crimping dies for applications that go beyond the range offered are available on request
 - Best conductivity due to almost parallel crimping movement
- > 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 due to trigger lock in accordance with IEC 60352
- > Force magnified by lever action to ensure fatigue-free working



ACCESSORIES

Set of Mounting Tools For PV connectors MC4®

ART. NO.:
97 49 66 2



Crimp System Pliers MC4® Evo 2

ART. NO.:
97 43 66 EVO

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

- Specially modified and preconfigured for MC4® Evo 2 crimp contacts, capacity 4/6/10 mm², can be used with all other crimping dies and locators 97 49 XX
 - Crimping dies for applications that go beyond the range offered are available on request
 - Best conductivity due to almost parallel crimping movement
- > For one- and two-handed operation
- > Reliable and consistently high crimp quality due 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



ART. NO.:
97 33 LE

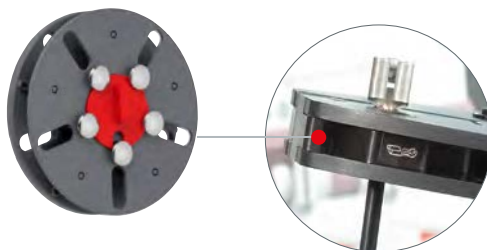


KNIPEX MultiCrimp

Crimping Pliers with changer magazine

Further variants
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
- > Individually expandable with crimping dies from the 97 39 XX series
- > Reliable and consistently high crimp quality due to trigger lock in accordance with IEC 60352
- > Sorted and protected storage of the interchangeable dies in a round magazine



Clearly visible marking on the crimping dies with pictograms

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



ART. NO.:
97 52 67 DT



Four-Mandrel Crimping Pliers

For DEUTSCH contacts

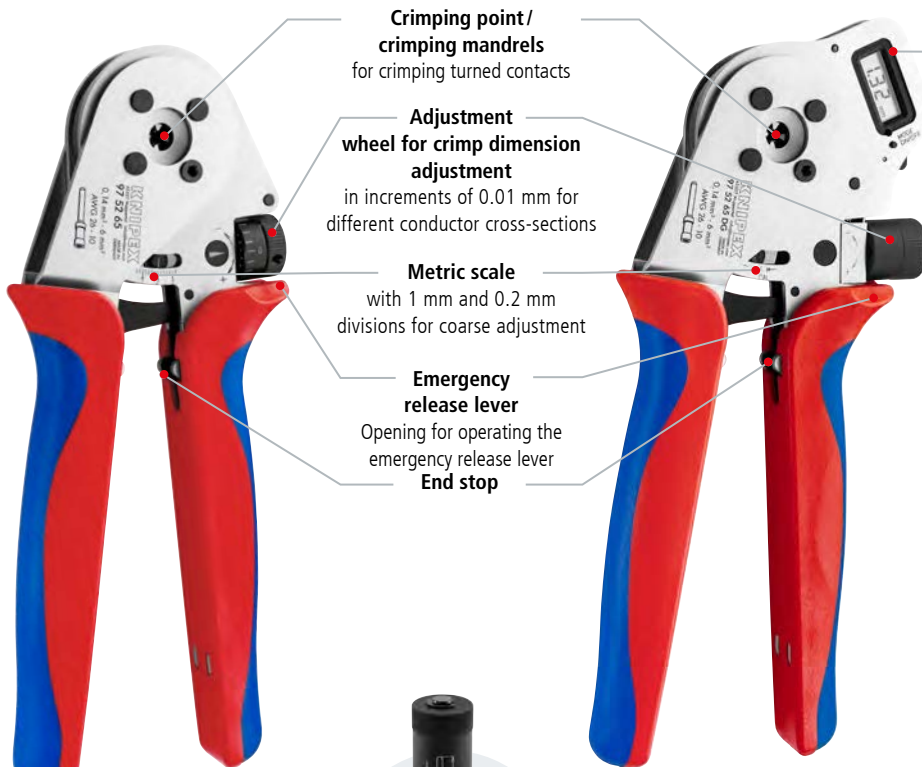
- Crimps all turned pin and socket contacts of the DEUTSCH series from TE Connectivity
 - Comprehensive capacity: from 0.35 mm² to 3.0 mm² (AWG 22 – 12)
- > Synchronous feed of the four mandrels achieves optimum crimping results with eight indentations (4/8-Indent)
- > Universal locator for flexible adjustment of 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 enclosure series AEC, DRB, DRC; DT, DTHD, DTM, DTP, DTV; HD10, HD30, HDP20; STRIKE, Jiffy Splice
- > Optionally available: Go/NoGo gauges for checking the pliers:
97 59 67 1 – Limit gauge pin "Go"
97 59 67 2 – Limit gauge pin "NoGo"



Easy adjustment of the crimp depth via adjustment disc with 8 adjustment positions



FOUR-MANDREL CRIMPING PLIERS FOR TURNED CONTACTS



**Crimping point/
crimping mandrels**
for crimping turned contacts

**Adjustment
wheel for crimp dimension
adjustment**
in increments of 0.01 mm for
different conductor cross-sections

Metric scale
with 1 mm and 0.2 mm
divisions for coarse adjustment

**Emergency
release lever**
Opening for operating the
emergency release lever
End stop

Display
With digital display of the set crimping
dimensions and option of recalibration
via RESET function with electronic
wear monitoring; adjustment in mm,
inches or comparable selector positions
according to MIL

97 52 65
Capacity 0.14 – 6 mm²
Max. contact diameter 7.5 mm

97 52 65 DG
Capacity 0.14 – 6 mm²
Max. contact diameter 7.5 mm



97 52 65 2
Universal locator



CONTENT

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



97 52 63
Capacity 0.08 – 2.5 mm²
Max. contact diameter 5 mm



97 52 63 DG
Capacity 0.08 – 2.5 mm²
Max. contact diameter 5 mm



97 52 65 A / 97 52 65 DG A
Basic pliers without a locator

**Further variants
page 68** +

to the setting values

Turned contacts are used for particularly demanding connections, e.g. in medical and aviation technology. Highly reliable crimp connections can only be achieved with absolutely precise pliers that maintain the required crimp depth within a range of 1/100 mm.



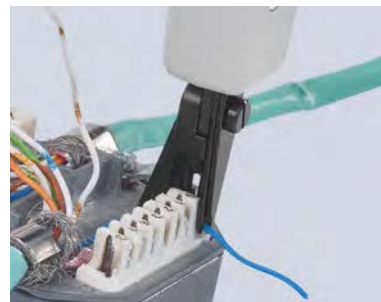
ART. NO.:
97 40 10



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 Tool

For insulated cable lugs and cable connectors

Further variants
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 off Cu or Ms threaded pins with M 2.6; M 3; M 3.5; M 4 and M 5



OTHER CRIMPING PLIERS FOR WIRE FERRULES

Further variants
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
page 69 **+**

- > In a TANOS MINI-systainer® (solid plastic box)
- > T-Loc closure for one-handed operation: open or close the systainer® with a single twist and connect it to a second systainer®
- > Opening when connected: quick and easy access to contents 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 KNIPEX Twistor® 16 97 53 18 Crimping Pliers for wire ferrules and KNIPEX PreciStrip 16 12 52 195 Automatic Insulation Stripper

ART. NO.:
97 90 21



For cable connectors

- > With Self-Adjusting Crimping Pliers KNIPEX PreciForce 97 52 36

Further product information can be found on page 69

DISCOVER OUR RANGE OF WIRE FERRULES AND CABLE CONNECTORS ONLINE



ART. NO.:
13 96 200

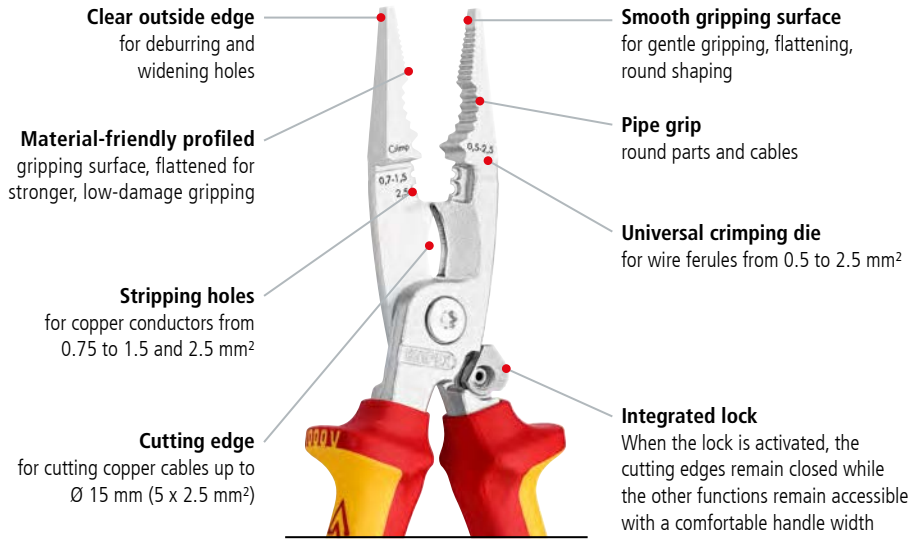


With opening spring and lock

Electrical Installation Pliers

Further variants
page 70

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



Clear outside edge
for deburring and widening holes

Material-friendly profiled gripping surface
flattened for stronger, low-damage gripping

Stripping holes
for copper conductors from 0.75 to 1.5 and 2.5 mm²

Cutting edge
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 wire ferrules from 0.5 to 2.5 mm²

Integrated lock
When the lock is activated, the cutting edges remain closed while the other functions remain accessible with a comfortable handle width

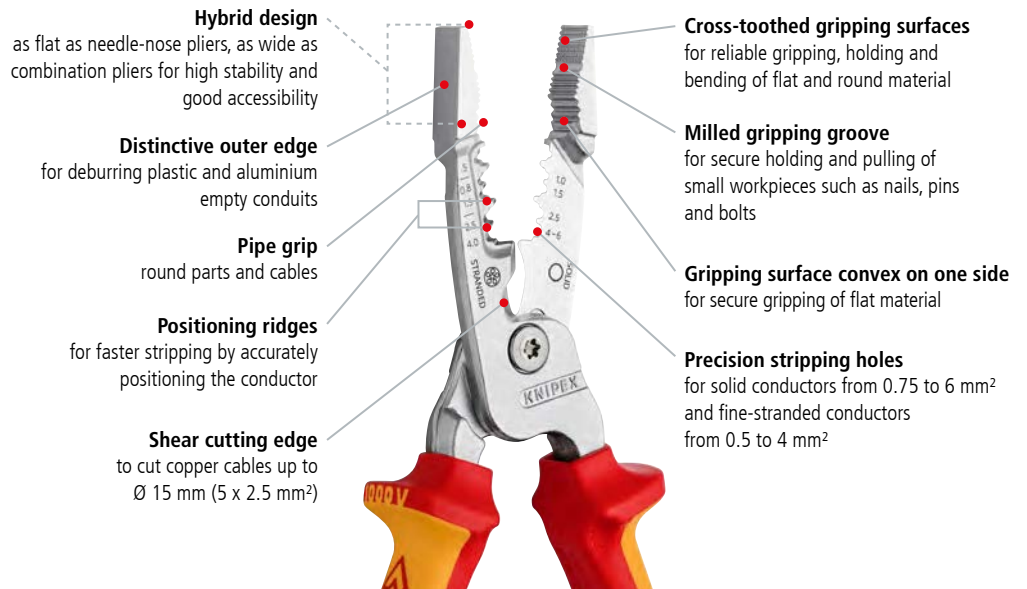
ART. NO.:
13 76 200 ME



KNIPEX WireStripper

Metric version

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



Hybrid design
as flat as needle-nose pliers, as wide as combination pliers for high stability and good accessibility

Distinctive outer edge
for deburring plastic and aluminium empty conduits

Pipe grip
round parts and cables

Positioning ridges
for faster stripping by accurately positioning the conductor

Shear cutting edge
to cut 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 material

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

Gripping surface convex on one side
for secure gripping of flat material

Precision stripping holes
for solid conductors from 0.75 to 6 mm² and fine-stranded conductors from 0.5 to 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)

- > Universally applicable: precision stripping holes for conductors 0.75–1.5 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 Strippers

- With long cutter
 - High cutting capacity due to high transmission ratio
- > Precision stripping holes for conductors 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 all-purpose pliers

Further variants
page 71 +

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

ART. NO.:
03 06 180



Combination Pliers

Particularly robust all-purpose pliers

Further variants
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
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

Fine-grip all-purpose pliers

Further variants
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



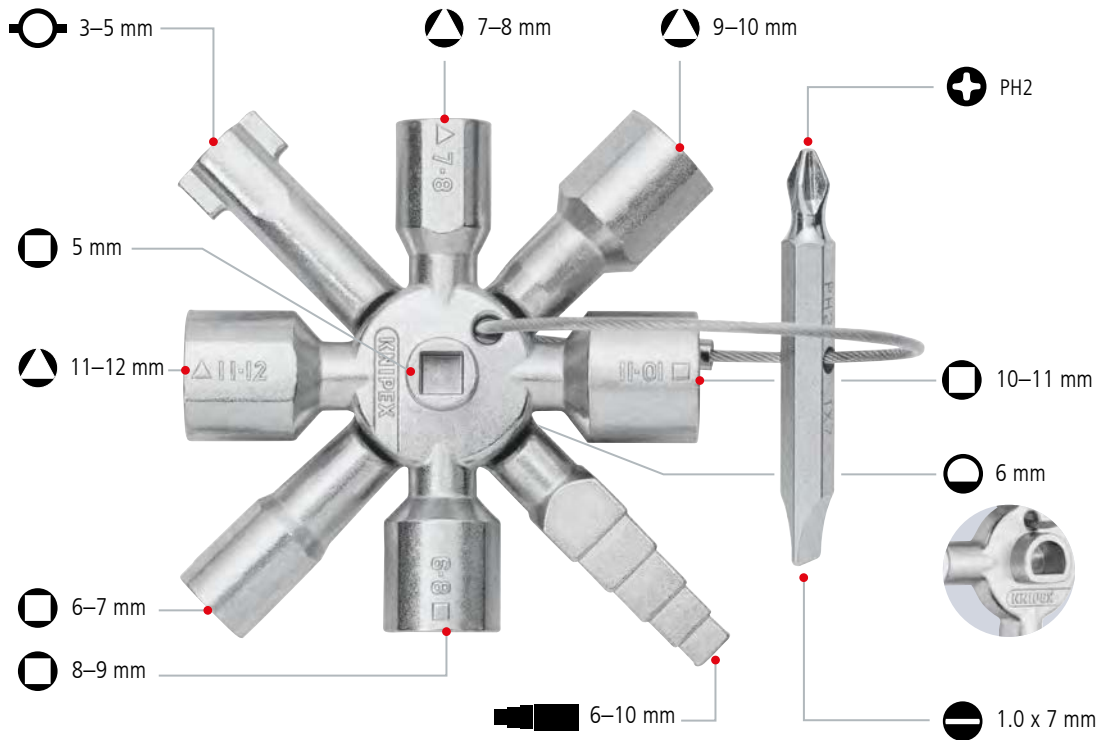
ART. NO.:
00 11 01

KNIPEX TwinKey®

The most universal of all control cabinet keys

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

- > Multifunctional key for operating locks in the fields of building services (heating and plumbing, air conditioning and ventilation technology, electrical engineering), gas and water supply and shut-off systems
- > 8-point version: 2 cross keys connected by magnets to save space
- > For 6 different locking systems



OTHER CONTROL CABINET KEYS

Further variants
page 72



ART. NO.:
00 11 03



Standard

ART. NO.:
00 11 04



Profi-Key

ART. NO.:
00 11 06



Universal

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
page 73 +



- Half-round, long, tapered jaws
 - Suitable for finer gripping and cutting work, even in easily to moderately accessible locations
- > 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
page 73 +



- Half-round, long, tapered jaws
 - Distortion-tolerant, elastic precision tips
 - Suitable for finer gripping and cutting work, even in easily to moderately accessible locations
- > 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
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 offers 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 gentle installation of surface-finished fittings – 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 adjustment of the gripping jaws and no slipping of the joint





KNIPEX Cobra® VDE

High-Tech Water Pump Pliers

Further variants
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!

ART. NO.:
87 26 250



KNIPEX Alligator®

Water Pump Pliers

Further variants
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

ART. NO.:
88 06 250



Siphon and Connector Pliers

For traps, tube fittings and connectors

- Ideal for tightening and loosening bayonet and screw connections, for example on connectors or inverters
- Fine adjustment for optimum adaptation to a wide range of diameters
- Also suitable for oil filters, plastic pipes and siphons
- > For plugs and couplings with screw caps (such as Cannon round connectors)

ART. NO.:
81 13 250



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

ART. NO.:
92 37 64



Precision tweezers also available as a set: page 92

Precision Tweezers

Insulated

Further variants
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



92 27 61



92 27 62



92 47 01



92 67 63



ART. NO.:
90 10 165 BK



Suitable for almost all common 18 mm snap-off blades

KNIPEX CutiX

Universal Knife

- Innovative, variably extendable stabilising bar: versatile use, faster working, precise 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



The innovative blade stabilisation allows pressure to be applied directly to the blade



Ergonomic shape with multiple grip zones enables safe and precise working

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 allows the folded KNIPEX BiX to be securely closed for transport



KNIPEX BiX

Cutter for plastic pipes and sealing sleeves

- Clever pipe cutter: Cuts pipes without shavings and fits comfortably in the hand
 - Cuts high-temperature sewage pipes and electrical conduit pipes in no time at all
- > Cuts unreinforced plastic pipes from Ø 20 to 56 mm with wall thicknesses 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 drip and sealing sleeves with a wall distance of approx. 2–3 mm
 - > Rotatable knife block for cutting plastic pipes (blade in the middle) and sealing sleeves (blade outside)



The spare blades are quickly accessible inside the KNIPEX BiX



ART. NO.:
90 22 10 BK



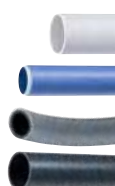
Pipe Cutter

For plastic conduit pipes

- For burr-free cutting of thin-walled plastic pipes (e.g. plastic armoured pipes) with Ø 6–35 mm
 - Low force requirement due to special blade geometry and optimum transmission
- > Blade is replaceable and can be retracted from any position
 - > Minimum operator fatigue due to ergonomic handle design and incremental ratchet blade feed



Replaceable blade made of special tool steel



ART. NO.:
94 10 185



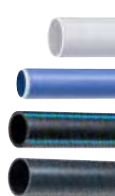
KNIPEX PlastiCut®

Cutter for flexible hoses and plastic conduit pipes

- For cutting thin-walled plastic pipes (e.g. plastic armoured pipes) and hoses, including fabric-reinforced ones, made of plastic and rubber up to Ø 25 mm outer diameter
- > With opening spring and lock
 - > Ergonomically designed glass-fibre reinforced plastic handles
 - > Not for cable cutting



Replaceable blade made of special tool steel



ART. NO.:
90 20 185

ART. NO.:
90 22 02 SB

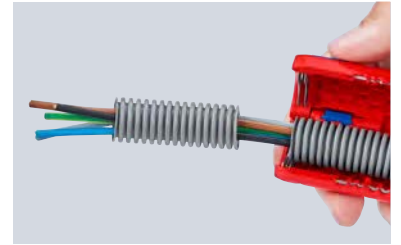


KNIPEX TwistCut®

Corrugated Pipe Cutter

Further variants
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 plastic corrugated pipes with corrugation widths 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 of 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 facilitates the insertion of individual conductors for stripping

KNIPEX TUBIX® – THE SPECIALISTS FOR METAL TUBES

Further variants
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
- > With QuickLock one-hand 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 6–35 mm (1/4"–1 3/8") and wall thicknesses up to 2 mm
- > Removable, precision-ground deburring tool
- > With QuickLock one-hand 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 Ø 6–76 mm (1/4"–3") and wall thicknesses up to 2 mm
- > Removable, precision-ground deburring tool
- > With QuickLock quick-release fastening: independent holding and clamping on the pipe



ART. NO.:
90 31 03 BK



SPECIAL TOOLS

ART. NO.:
90 61 16

Notching Pliers

90 61 16

90 61 20

Further variants
page 76

ART. NO.:
94 15 215

**Cutter for
ribbon cables**

ART. NO.:
94 55 200

Anvil Shears

ART. NO.:
95 02 21

**Vinyl Shears,
also for cable ducts**

ART. NO.:
95 03 160 SB

Shears for KEVLAR® fibres

ART. NO.:
95 05 190

Combination Shears

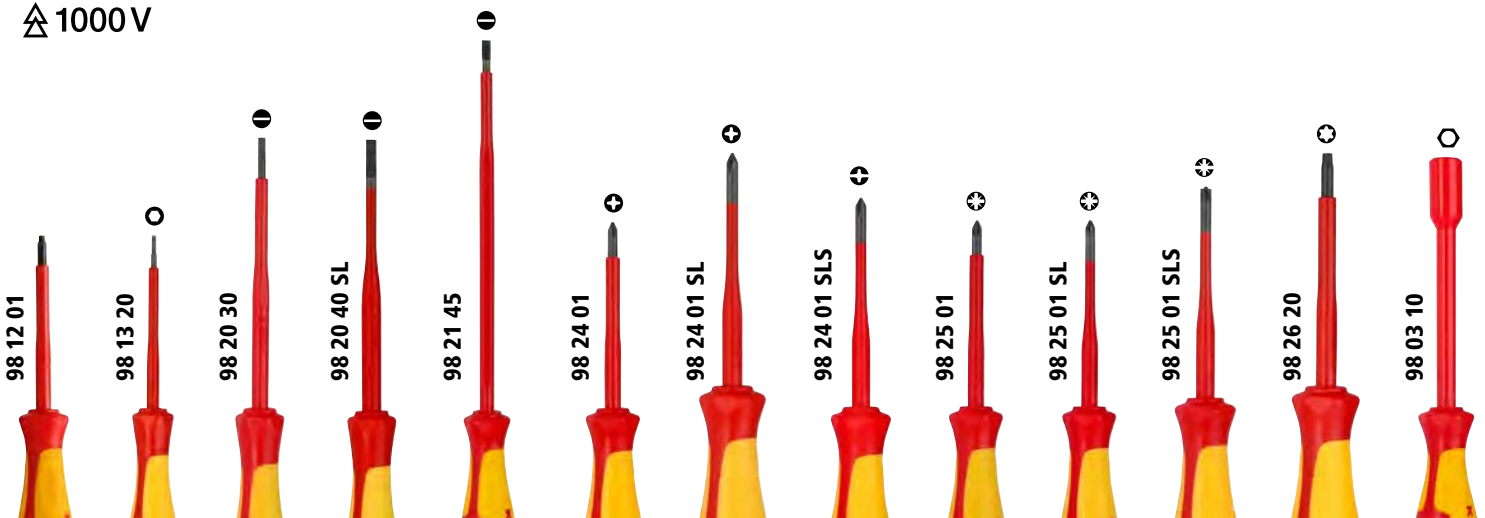
95 05 185

Further variants
page 76

THE BEST COMBINATION: HIGH-QUALITY SCREWDRIVERS FOR YOUR PROJECT

Further variants
page 77

⚡ 1000V



Open-End Wrench

Further variants
page 78 **+**

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

ART. NO.:
98 00 17



Box Wrench

Further variants
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
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
page 79 **+**

- > Basic tool chrome-plated
- > Special tool steel

ART. NO.:
98 29 40



Reversible Ratchet

Further variants
page 79 **+**

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

ART. NO.:
98 31



Extension Bar

Further variants
page 80 **+**

- > For use with sockets
- > With 3/8" internal/external square drive
- > 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
page 80 **+**

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

ART. NO.:
98 49 06



Socket

Further variants
page 80



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

ART. NO.:
98 37 17



Slip-On Cap

Further variants
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
page 81



- > Protects against contact with a conductor subject to stripping (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
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
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	58	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		-	-	✓	-
	Carrying handle		✓	✓	✓	✓
	Shoulder strap		-	-	-	-
Compartments	Document compartment		✓	✓	✓	✓
	Laptop compartment		✓ up to 15"	-	-	-
Resistance	Temperature-resistant		-	-	-	-
	Dustproof		-	-	-	-
	Waterproof		-	-	-	-
	Splash-proof		✓	✓	✓	✓
Other features	Lock device		✓	-	-	-
	Integrated lock		-	✓	✓	✓
	Suitable for air travel		-	-	-	-
	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 58 connection options
- Max. payload: 18 kg
- 21.5 litre capacity



High-quality brand tools from

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



High-quality brand tools from

ART. NO.:
00 21 37

Tool Case "Robust45 Move" Electric

66 parts

- Equipped with 66 brand tools, some of which are VDE-tested in accordance with DIN EN 60900
- With a total of 147 inserting options
- Max. payload: 35 kg
- Volume: 45 litres



High-quality brand tools from

Tool Case "BIG Twin Move" Electric

ART. NO.:
00 21 41

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



00 21 11
Tool bag "Compact" Electric



High-quality brand tools from

Tool Case "BIG Twin Move" Electric

ART. NO.:
00 21 42

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



00 21 11
Tool bag "Compact" Electric



High-quality brand tools from

KNIPEX L-BOXX® Electric

ART. NO.:
00 21 19 LB E

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
- 14.7 litre capacity



High-quality brand tools from

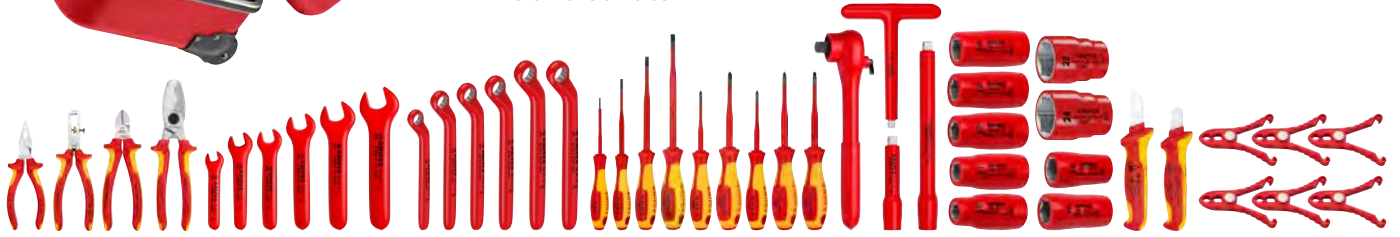
ART. NO.:
98 99 15



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



High-quality brand tools from 

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



High-quality brand tools from  

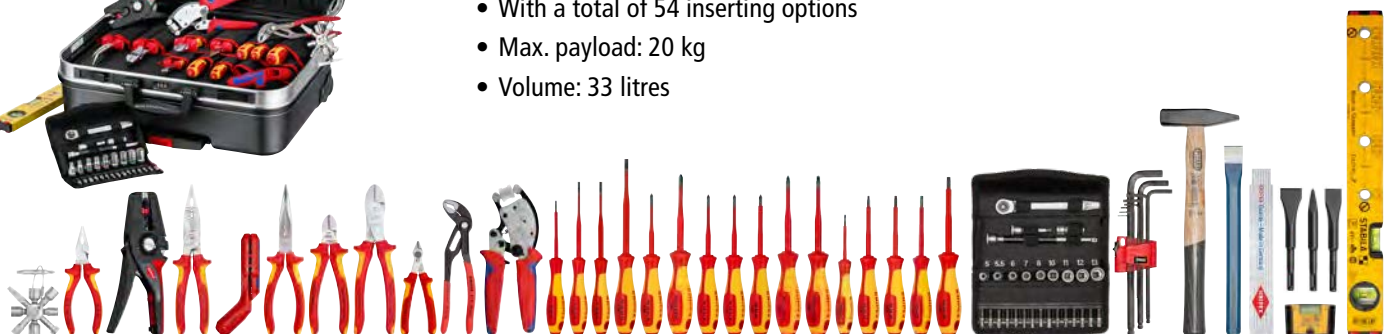
ART. NO.:
00 21 06



Tool Case "BIG Basic Move" ElectricPlus

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



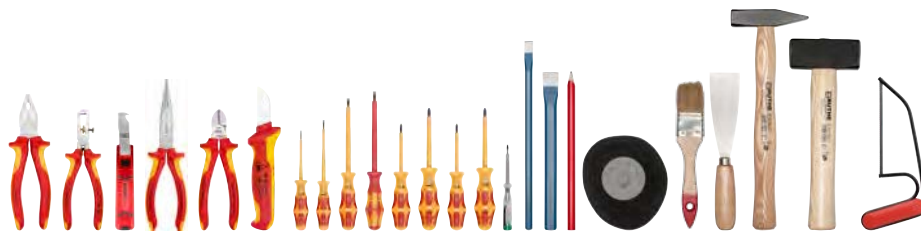
High-quality brand tools from     

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



High-quality brand tools from    STABILA   JOSEF HAUNSTETTER 

Tool Case "Robust23" 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



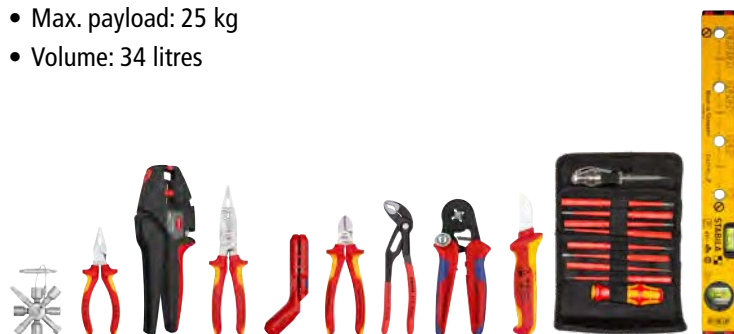
High-quality brand tools from  

Tool Case "Robust34" Electric

ART. NO.:
00 21 36

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



High-quality brand tools from   STABILA 

Further product information can be found on page 88

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



High-quality brand tools from

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

17 parts



27 parts



98 99 12



Content: 98 99 11



Content: 98 99 12

ART. NO.:
00 21 10 LE

Tool Bag "Service"

empty

- Perfect combination of laptop bag 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



Tool Set for Photovoltaics

ART. NO.:
97 91 01

Further variants
page 91



- Equipped with tools for photovoltaics
 - > Crimp System Pliers 97 43 200 A for interchangeable crimping dies
 - > Precision Insulation Stripper 12 12 11 with customised blades for smaller stripping values (1.5/2.5/4.0/6.0 mm²)
 - > Cable Shears 95 16 165 for copper cables up to Ø 15 mm
 - > Assembly tool (hexagon socket wrench) for changing the crimping dies
 - > Without crimping dies – for individual assembly – please order separately (see item no. 97 49..)



Content: 97 91 01

For larger cross-sections:

97 91 03 with precision insulation
strippers 12 12 12 (4/6/10 mm²)



Tool Set for Photovoltaics MC4®

ART. NO.:
97 91 04 V01

Further variants
page 91



- Equipped with tools for the photovoltaic sector
 - > Crimp System Pliers 97 43 200 A for interchangeable crimping dies
 - > Precision Insulation Stripper 12 12 11 with customised blades for smaller stripping values (1.5/2.5/4.0/6.0 mm²)
 - > Cable Shears 95 16 165 for copper cables up to Ø 15 mm
 - > Assembly tool (hexagon socket wrench) for changing crimping dies
 - > Set of Mounting Tools for tightening and loosening the cable gland on MC4® PV connectors and loosening the lock on MC4® housings



Content: 97 91 04 V01

For larger cross-sections:

97 91 V02 with Precision Insulation
Stripper 12 12 12 (4/6/10 mm²)



Photovoltaic Installations Set

ART. NO.:
00 31 31 V01 SB

- For installation and maintenance of PV systems, with KNIPEX ErgoStrip® PV stripping tool and KNIPEX PreciForce crimping pliers
 - > KNIPEX ErgoStrip® 16 95 03: For fast and precise stripping of PV cables with 4 and 6 mm² (e.g. H1Z2Z2-K) and for stripping and skinning all common round and damp-proof cables (e.g. NYM cables 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



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 durable polyester fabric
- > With practical, adjustable quick-release fastener
- > Equipped with an assortment of insulated KNIPEX tools for working on electrical installations
- > DIN EN 60900, IEC 60900

ART. NO.:
00 20 90 V01



Extension Set Electro 1

10 parts

High-quality brand tools from  STABILA 

ART. NO.:
00 20 90 V02



Extension Set Electro 2

13 parts

High-quality brand tools from  STABILA 

Electrical Installations Set

3 parts

Further variants
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



ART. NO.:
00 31 30 BK V01

High-quality brand tools from 

Electro Set

3 parts

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



ART. NO.:
00 20 12

High-quality brand tools from 

VDE Tool Set

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



ART. NO.:
00 20 13

High-quality brand tools from  



OVERVIEW

PRODUCT INFORMATION

KNIPEX StepCut® PATENTED – Page 10



Part No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities			
					Ø mm	mm ²	AWG	
95 16 160	085966	160	⚡ 1000 V	chrome plated		15	50	1/0

KNIPEX StepCut® XL – Page 10



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

Cable Shears – Page 11



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

Cable Shears with twin cutting edge – Page 11



Part No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities				
					Ø mm	mm ²	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



Part No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities				
					Ø mm	mm ²	AWG		
95 05 165	019596	165	MM	polished		–	10	24	4

Cable Cutters (ratchet principle) (PATENTED) – Page 12



Part No.	EAN 4003773-	↔ mm	Tool	Handles	Cutting capacities			g
					Ø mm	mm ²	MCM	
95 36 250	026884	250	⚡ 1000V	black atramentized	32	240	500	652
95 36 280	026891	280	⚡ 1000V	black atramentized	52	380	750	835
95 36 320	075189	320	⚡ 1000V	black atramentized	60	600	1200	830
95 250 E01	089537	Movable spare blade for 95 36 250 (models from 2025)						
95 280 E01	089544	Movable spare blade for 95 36 280 (models from 2025)						
95 320 E01	089568	Sickle blade repair kit for 95 36 320 (models from 2025 onwards)						
95 3X E01	089575	Drive repair kit for 95 250/280/315A/320 (models from 2025 onwards)						
95 3X E02	089582	Screw connection repair kit for 95 250/280/315A/320 (models from 2025 onwards)						

Cable Cutters (ratchet principle), for SWA cable (PATENTED) – Page 12



Part No.	EAN 4003773-	↔ mm	Tool	Handles	Cutting capacities			g
					Ø mm	mm ²	MCM	
95 32 315 A	078562	315		black lacquered	45	380	750	825
95 36 315 A	078579	315	⚡ 1000V	black lacquered	45	380	750	830
95 315 E01	089551	Sickle blade repair kit for 95 32 315 A and 95 36 315 A (models from 2025 onwards)						
95 39 315 A02	078593	Stationary blade repair kit for 95 32 315 A and 95 36 315 A (models from 2025 onwards)						
95 3X E01	089575	Drive repair kit for 95 250/280/315A/320 (models from 2025 onwards)						
95 3X E02	089582	Screw connection repair kit for 95 250/280/315A/320 (models from 2025 onwards)						

Cable Shears for two-hand operation – Page 12



Part No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities			g
					Ø mm	mm ²	AWG	
95 12 500	069966	500	burnished		27	150	6/0	1090
95 17 500	026785	500	⚡ 1000V	polished	27	150	6/0	1477

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



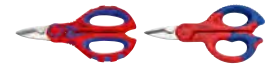
Part No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities			g
					Ø mm	mm ²	MCM	
95 32 038	071556	570	burnished		38	280	550	1980
95 32 060	071563	630	burnished		60	740	1400	3820
95 32 100	071570	680	burnished		100	960	1900	4980
95 39 038	073260	Spare cutter head for 95 32 038						
95 39 720	025290	Movable spare blade for 95 31 720 / 95 32 060						
95 39 870	025306	Movable spare blade for 95 31 870 / 95 32 100						

Angled Electricians' Shears – Page 13



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

Electricians' Shears – Page 13



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

Diagonal Cutters – Page 13



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

KNIPEX X-Cut® (PATENTED) – Page 13



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

High-Leverage Diagonal Cutters – Page 13



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

Electronic Super Knips – Page 14



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities	
						Ø mm	Ø mm
78 06 125	084099	125	polished	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



Part 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

Electronics Diagonal Cutter – Page 15



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

Precision Electronics Diagonal Cutter – Page 15



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

KNIPEX EvoStrip – Page 18



Part No.	EAN 4003773-	↔ mm	Handles	Stripping capacities	
				mm ²	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



Part No.	EAN 4003773-	↔ mm	Handles	Stripping capacities	
				mm ²	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 blade pair			
12 49 32	086253	Spare blades block with special blades			

KNIPEX ComStrip – Page 19



Part No.	EAN 4003773-	↔ mm	Handles	Stripping capacities	
				mm ²	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



Part No.	EAN 4003773-	↔ mm	Handles	Stripping capacities	
				mm ²	AWG
12 72 190	088165	190		0.03–10	32–8
12 49 21	057581	Spare blade pair			
12 49 23	057604	Spare length stop			

Precision Insulation Strippers with customised blades (PATENTED) – Page 20



Part No.	EAN 4003773-	↔ mm	Pliers	Handles	Stripping capacities mm ²	AWG
12 12 02	048077	195	MM	burnished	0.09 / 0.14 / 0.38 / 0.57 / 1 / 1.5 / 2.08	–
12 12 06	049005	195	MM	burnished	0.25 / 0.75 / 1.5 / 2.5 / 4 / 6	–
12 12 10	049012	195	MM	burnished	2.5 / 4 / 6 / 10	–
12 12 11	062998	195	MM	burnished	1.5 / 2.5 / 4 / 6	16 / 14 / 12 / 10
12 12 12	073758	195	MM	burnished	4 / 6 / 10	–
12 12 13	077534	195	MM	burnished	–	20 / 18 / 16 / 14 / 12 / 10
12 12 14	077541	195	MM	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



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Stripping capacities		AWG	
						Ø mm	mm ²		
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

KNIPLEX StriX® (PATENTED) – Page 20



Part No.	EAN 4003773-	↔ mm	Pliers	Handles	Stripping capacities		Cutting capacities		AWG		
					Ø mm	mm ²	Ø mm	mm ²			
13 66 180	081319	180	1000 V	chrome plated	chrome plated		5	10	15	50	8
13 66 180 T	081906	180	1000 V	chrome plated	chrome plated		5	10	15	50	8

Automatic Stripping Pliers – Page 21



Part No.	EAN 4003773-	↔ mm	Stripping values Ø mm	
12 74 180	092667	175	MM	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



Part No.	EAN 4003773-	↔ mm	Max. cable width mm	Stripping capacities mm ²	AWG	
12 64 180	073284	180	MM	12	0.75 – 2.5	18 – 14
12 64 180 E01	092674	Set of spare blades for 12 64 180 (models from 2025)				

KNIPLEX ErgoStrip® (PATENTED) – Page 22



Part No.	EAN 4003773-	↔ mm	Stripping value for round cable Ø mm	Stripping capacity conductors and strands mm ²	Stripping capacity data cable	Stripping value for coaxial cable Ø mm	
16 95 01 SB	079927	135	MM	8–13	0.2–4	CAT 5–7, Twisted Pair (UTP/STP)	4.8–7.5
16 95 02 SB	082910	135	MM	8–13	0.2–4	CAT 5–7, Twisted Pair (UTP/STP)	4.8–7.5

KNIPEX ErgoStrip® PV (PATENTED) – Page 22



Part No.	EAN 4003773-	↔ mm	Stripping value for round cable Ø mm	Stripping capacity conductors and strands mm ²	Stripping capacities PV CABLES mm ²	
16 95 03 SB	092605	135	⌘	8–13	0.2–4	4/6

Universal Stripping Tool – Page 23



Part No.	EAN 4003773-	↔ mm	Stripping value for round cable Ø mm	Stripping capacity conductors and strands mm ²
16 80 125 SB	040828	125	⌘	–
16 85 125 SB	060444	125	⌘	0.2–4

Wire Stripping Tool for coax and data cable – Page 23



Part 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



Part No.	EAN 4003773-	↔ mm	Stripping value for ribbon cables mm	Stripping value for round cable Ø mm	Stripping capacity conductors and strands mm ²	
16 64 125 SB	076933	125	⌘	12	4–13	0.8–2.5

Stripping Tool with scalpel blade – Page 24



Part 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

Stripping tools for spiral cutting – Page 24



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

Stripping Tool for coax cable – Page 24



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

Stripping Tool for coax cable – Page 24



Part No.	EAN 4003773-	↔ mm	Stripping value for coax cable Ø mm	
16 60 100 SB	040811	100	MM	4.8 – 7.5 mm

Stripping Tool for data cables – Page 24



Part No.	EAN 4003773-	↔ mm	Stripping values Ø mm	Stripping capacities mm ²	Cable types	
16 65 125 SB	043157	125	MM	4.5 – 10	0.2 – 4	CAT 5/6/7/8, Twisted Pair (UTP/STP)

Stripping Knife with guide shoe and ratchet function – Page 25



Part 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	Replacement safety latch for 16 50 145		

Stripping Knife with guide shoe – Page 25



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

Cable Knives – Page 25



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

Stripping Knives – Page 25



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

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



Part No.	EAN 4003773-	↔ mm	Pliers	Application	Capacity mm ²	AWG
97 53 04	028017	180		wire ferrules	0.08 – 16 / 2x 6	28–6
97 53 14	041474	180		wire ferrules	0.08 – 16 / 2x 10	28–6
97 53 04	084853	180		wire ferrules	0.08 – 16 / 2x 6	28–6
97 53 14	084860	180		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



Part No.	EAN 4003773-	↔ mm	Pliers	Application	Capacity mm ²	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



Part No.	EAN 4003773-	↔ mm	Pliers	Application	Capacity mm ²	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



Part No.	EAN 4003773-	↔ mm	Pliers	Application	Capacity mm ²	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 shrinkable 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 PV plug types MC4® + MC4® Ev° 2	4–6	12–10
97 52 50	051916	220	burnished	for coaxial BNC plug type connectors	RG 58 / 174 / 188 / 316	–

Crimp System Pliers – Page 30







































































Part No.	EAN 4003773-	↔ mm	Pliers	Application	Capacity mm ²	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



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

Crimping Dies for Crimp System Pliers – Page 30

Part No.	EAN 4003773-	Application	Capacity mm ²	AWG
97 49 04	030850	  uninsulated, open flat connectors – connector width 2.8 + 4.8 mm	0.1 – 2.5	26 – 14
97 49 05	030867	  uninsulated, open flat connectors – connector 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 shrinkable 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 + uninsulated cable 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 Electrinoocs	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 according to DIN 46235 + press connectors according 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 connectors / car phones	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™ / H4 Plus™ S&F from 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 plug type connector Amphenol® H4™ / H4 Plus™ CF)
97 49 58 1	093121	Locator for 97 49 58 (PV plug type connector Amphenol® H4™ S&F)
97 49 58 2	093138	Locator for 97 49 58 (Amphenol® H4 Plus™ S&F plug type connector)
97 49 59 1	073741	Locator for 97 49 59 (Helios H4™ PV plug type connector)
97 49 66 1	066736	Locator for 97 49 66 (PV plug type connector MC4®)
97 49 71 1	075073	Locator for 97 49 71 (PV plug type 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® & MC4® Evo 2 – Page 31



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

Crimp System Pliers MC4® Evo 2 – Page 31



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

Set of Mounting Tools – Page 31



Part No.	EAN 4003773-	↔ mm	Application
97 49 66 2	074106	115	MC4® housing

KNIPEX MultiCrimp ^(PATENTED) – Page 32



Part No.	EAN 4003773-	↔ mm	Pliers	Handles	Application	Capacity mm ²	AWG
97 33 LE	092643	250		KNIPEX MultiCrimp incl. magazine, empty			
97 33 01	066927	250		KNIPEX MultiCrimp incl. magazine with 3 interchangeable inserts			
					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		KNIPEX MultiCrimp incl. magazine with 5 interchangeable inserts			
					non-insulated, open plug type connectors (4.8 + 6.3 mm connector width)	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		KNIPEX MultiCrimp incl. magazine with 3 interchangeable inserts			
					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 type connectors (4.8 + 6.3 mm connector width)				
97 39 06	070085	Crimping die for insulated cable connectors				
97 39 08	070092	Crimping die for insulated + uninsulated wire ferrules 0.25 – 6 mm ²				
97 39 09	077763	Crimping die for insulated + uninsulated wire ferrules 10/16/25 mm ²				
97 39 13	070108	Crimping die for uninsulated cable connectors				
97 39 42	092582	Crimping die for MC4® and MC4® Evo 2 connectors with 4 and 6 mm ²				
97 39 90	070061	Changer magazine, empty				

Four-Mandrel Crimping Pliers for DEUTSCH contacts – Page 32



Part No.	EAN 4003773-	↔ mm		Capacity mm ²	AWG
97 52 67 DT	088820	230		0.35–3	22 – 12
97 59 67 1	088905	77	Replacement limit gauge mandrel "Go"		
97 59 67 2	088912	77	Replacement limit gauge mandrel "NoGo"		

Four-Mandrel Crimping Pliers – Page 33



Part No.	EAN 4003773-	↔ mm	Pliers	Handles	Application	Ø Contact max. mm	Capacity mm ²	AWG
97 52 63	050148	180	chrome plated		turned contacts from Phoenix Contact (formerly Coninvers)	5.0	0.08 – 2.5	28 – 14
97 52 63 DG	063209	195	chrome plated		turned contacts from Phoenix Contact (formerly Coninvers)	5.0	0.08 – 2.5	28 – 14
97 52 65	045236	230	chrome plated		turned contacts (e.g. from Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10
97 52 65 A	071594	250	chrome plated		turned contacts (e.g. from Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10
97 52 65 DG	063216	250	chrome plated		turned contacts (e.g. from Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10
97 52 65 DG A	071990	250	chrome plated		turned contacts (e.g. from Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10
97 59 65 2	071600	Universal locator for 97 52 65 / 97 52 65 A / 97 52 65 DG / 97 52 65 DG A						

Insertion Tool – Page 34



Part No.	EAN 4003773-	↔ mm	Head	Application	Capacity mm ²	AWG
97 40 10	044895	175	burnished	UTP and STP cables	0.4 – 0.8	22 – 12

Compression Tool – Page 34



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

Crimping Pliers – Page 34



Part No.	EAN 4003773-	↔ mm	Pliers	Handles	Application	Capacity mm ²	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)		
97 32 240	079491	240	black lacquered		insulated terminals + cable connectors	0.5–6	20–10
			black lacquered		non-insulated terminals + cable connectors		

Crimping Pliers for wire ferrules – Page 34



Part No.	EAN 4003773-	↔ mm	Pliers	Handles	Application	Capacity mm ²	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		polished	wire ferrules	0.25 – 2.5	24 – 14

Crimp Assortment for wire ferrules – Page 34



Part No.	EAN 4003773-	↔ mm	Head	Handles	Application	Capacity mm ²	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		polished	wire ferrules	0.25 – 16	24 – 6

Crimping Pliers for wire ferrules – Page 34



Part No.	EAN 4003773-	↔ mm	Head	Handles	Application	Capacity mm ²	AWG
97 81 180	019794	180		polished	wire ferrules	0.5 – 6	20 – 10

Crimp Assortment Wire Ferrules – Page 35



Part No.	EAN 4003773-	Pliers	Wire ferrules										Twin wire 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	–	–	–	–	–	–	–	–

Crimp Assortment Cable Connectors – Page 35



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities ⚙️ Ø mm	mm ²	Stripping capacity for single strands mm	Crimping capacities mm ²	
97 90 21	062134		97 52 36	Blade terminal sockets, 6.3 x 0.8 mm			15	50	0.75–1.5/2.5	0.5–2.5
				Blade terminal sockets, 6.3 x 0.8 mm						
				Blade terminal sockets, 6.3 x 0.8 mm						
				Round socket connectors, Ø 4 mm						
				Terminals, ring shape, Ø 4 mm						
				Terminals, ring shape, Ø 4 mm						
				Terminals, ring shape, Ø 5 mm						
				Terminals, ring shape, Ø 5 mm						
				Terminals, ring shape, Ø 6 mm						
				Insulated butt connectors, red						
				Insulated butt connectors, blue						
				Round pin plug, Ø 4 mm						
				97 90 22						
Blade terminal sockets, 6.3 x 0.8 mm										
Terminals, ring shape, Ø 4 mm										
Terminals, ring shape, Ø 5 mm										
Terminals, ring shape, Ø 6 mm										
Terminals, ring shape, Ø 8 mm										
Terminals, ring shape, Ø 4 mm										
Terminals, ring shape, Ø 5 mm										
Terminals, ring shape, Ø 6 mm										
Insulated butt connectors, red										
Insulated butt connectors, blue										
Insulated butt connectors, yellow										
97 90 25	076971		97 22 240		Blade terminal sockets, 6.3 x 0.8 mm			15	50	0.75–1.5/2.5
				Blade terminal sockets, 6.3 x 0.8 mm						
				Terminals, ring shape, Ø 4 mm						
				Terminals, ring shape, Ø 5 mm						
				Terminals, ring shape, Ø 4 mm						
				Terminals, ring shape, Ø 5 mm						
				Terminals, ring shape, Ø 6 mm						
				Terminals, ring shape, Ø 6 mm						
				Terminals, ring shape, Ø 8 mm						
				Insulated butt connectors, red						
				Insulated butt connectors, blue						
				Insulated butt connectors, yellow						
				97 90 26	079521					
Uninsulated blade terminal sockets, 6.3 x 0.8 mm										
Blade terminal sockets, 6.3 x 0.8 mm										
Blade terminal sockets, 6.3 x 0.8 mm										
Blade terminal sockets, 6.3 x 0.8 mm										
Blade terminal plug, 6.3 x 0.8 mm										
Blade terminal plug, 6.3 x 0.8 mm										
Terminals, ring shape Ø 4 mm										
Terminals, ring shape Ø 4 mm										
Insulated butt connectors, red										
Insulated butt connectors, blue										
Insulated butt connectors, yellow										

Electrical Installation Pliers (PATENTED) – Page 36



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities ⚙️ Ø mm	mm ²	Stripping capacity for single strands mm	Crimping capacities mm ²	
13 86 200	075097	200		chrome plated	chrome plated		15	50	0.75–1.5/2.5	0.5–2.5
13 96 200	075110	200		chrome plated	chrome plated		15	50	0.75–1.5/2.5	0.5–2.5
13 96 200 T	081425	200		chrome plated	chrome plated		15	50	0.75–1.5/2.5	0.5–2.5

KNIPEX WireStripper (PATENTED) – Page 36



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities		
						Ø mm	mm ²	
13 76 200 ME	088943	200		chrome plated	chrome plated		15	50

Stripping Pliers – Page 37



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Stripping capacity Ø mm	Stripping capacity mm ²	Ø mm	Ø mm
								Ø mm	Ø mm
13 46 165	079699	165		chrome plated	chrome plated		8–13	0.75 – 1.5 / 2.5	3.2 2.2

Diagonal Insulation Stripper – Page 37



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities		Stripping capacities mm ²	AWG
						Ø mm	Ø mm		
14 26 160	040279	160		chrome plated	chrome plated		2.5 1.5	1.5/2.5	16 / 14

Combination Pliers – Page 37



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities				
						Ø mm	Ø mm	Ø mm	mm ²	
03 06 160	021902	160		chrome plated	chrome plated		3.1	2.0	10	16
03 06 180	021926	180		chrome plated	chrome plated		3.4	2.2	12	16
03 06 180 T	081395	180		chrome plated	chrome plated		3.4	2.2	12	16
03 06 200	033776	200		chrome plated	chrome plated		3.8	2.5	13	16
03 07 180	015314	180		chrome plated	chrome plated		3.4	2.2	12	16
03 07 200	015321	200		chrome plated	chrome plated		3.8	2.5	13	16

Combination Pliers – Page 37



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

High Leverage Combination Pliers – Page 37



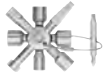
Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities				
						Ø mm	Ø mm	Ø mm	mm ²	
02 06 180	010012	180		chrome plated	chrome plated		2.5	2.0	11.5	16
02 06 200	010029	200		chrome plated	chrome plated		2.8	2.2	13.0	25
02 06 225	010036	225		chrome plated	chrome plated		3.0	2.5	14.0	25

Needle-Nose Combination Pliers PATENTED – Page 37



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Hand- les	Cutting capacities				
						Ø mm	Ø mm	Ø mm	mm ²	
08 26 145	079361	145		chrome plated	chrome plated		3	2	8	16
08 26 145 T	081401	145		chrome plated	chrome plated		3	2	8	16
08 26 185	088356	185		chrome plated	polished		3.8	3	13	25

KNIPEX TwinKey® PATENTED – Page 38



Part 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

Control Cabinet Key – Page 38



Part 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



Part 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



Part 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



Part 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

Universal Key JointKey Quadro – Page 38



Part 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



Part 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 1.2 x 7 TX20 / TC25

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



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities	
						Ø mm	Ø mm
25 06 160	033806	160	1000 V	chrome plated	chrome plated		2.5 1.6
25 06 160 T	081432	160	1000 V	chrome plated	chrome plated		2.5 1.6
26 26 160	052111	160	1000 V 40°	chrome plated	chrome plated		2.5 1.6
26 16 200	022831	200	1000 V	chrome plated	chrome plated		3.2 2.2
26 16 200 T	081449	200	1000 V	chrome plated	chrome plated		3.2 2.2
26 17 200	016069	200	1000 V	chrome plated	chrome plated		3.2 2.2
26 26 200	022855	200	1000 V 40°	chrome plated	chrome plated		3.2 2.2
26 26 200 T	081456	200	1000 V 40°	chrome plated	chrome plated		3.2 2.2
26 27 200	016090	200	1000 V 40°	chrome plated	chrome plated		3.2 2.2

Flat Nose Pliers – Page 39



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	
20 06 160	033783	160	1000 V	chrome plated	chrome plated	

Round Nose Pliers – Page 39



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	
22 06 160	033790	160	1000 V	chrome plated	chrome plated	

Long Nose Pliers – Page 39



Part No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	
30 16 160	001904	160	1000 V	chrome plated	chrome plated	
30 36 160	002123	160	1000 V	chrome plated	chrome plated	

Plastic Flat Nose Pliers – Page 40



Part No.	EAN 4003773-	↔ mm	Handles
98 62 01	073956	180	1000 V

Plastic Snipe Nose Pliers – Page 40



Part No.	EAN 4003773-	↔ mm	Handles
98 62 02	073963	220	1000 V

Pliers Wrench – Page 40



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

KNIPEX Cobra® VDE (PATENTED) – Page 41



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

KNIPEX Alligator® – Page 41



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

Siphon and Connector Pliers – Page 41



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

Precision Tweezers – Page 42



Part 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		straight		pointed	0.5 x 0.5
92 27 62	054764	150 x 8 x 40		straight		pointed	1.0 x 1.3
92 37 64	054856	148 x 14 x 40		angled 30°		blunt	1.0 x 1.3
92 47 01	086963	142 x 16 x 38		angled 30°		blunt	1.3 x 3.0
92 67 63	054931	145 x 11 x 38		straight		blunt	1.3 x 3.0

KNIPEX CutiX (PATENTED) – Page 42



Part 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



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

KNIPEX BiX (PATENTED) – Page 43



Part 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



Part 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	Torsion spring for 94 10 185			

KNIPEX PlastiCut® – Page 43



Part 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



Part No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm	Stripping capacity conductors and strands mm ²
90 22 01 SB	082286	100	13–32	
90 22 02 SB	082293	100	13–32	0.2–4

KNIPEX TubiX® S – Page 44



Part 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



Part 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	Deburring tool for 90 31 02		
90 39 02 V03	086307	5 x Cutting wheel for stainless steel and copper		

KNIPEX TubiX® XL – Page 44



Part 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



Part 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 cables – Page 45



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

Anvil Shears – Page 45



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

Vinyl Shears – Page 45



Part 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



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

Combination Shears – Page 45



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

Screwdrivers – Page 45



Part No.	EAN 4003773-	↔ mm	Tip	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 head screws	0.6 x 3.5 x 100 mm
98 20 40 SL	079729	202	1000 V	burnished (Slim) for slotted head screws	0.8 x 4 x 100 mm
98 20 55 SL	079736	232	1000 V	burnished (Slim) for slotted head screws	1 x 5.5 x 125 mm
98 20 65 SL	079743	232	1000 V	burnished (Slim) for slotted head 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 Phillips® cross-head screws	PH1 x 80 mm
98 24 02 SL	079767	212	1000 V	burnished (Slim) for Phillips® cross-head screws	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 Pozidriv® screws	PZ1 x 80 mm
98 25 02 SL	079781	212	1000 V	burnished (Slim) for cross recessed Pozidriv® screws	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



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

Box Wrench – Page 46



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

Nut Drivers – Page 46



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

Adjustable Wrench – Page 46



Part No.	EAN 4003773-	↔ mm		Tool	Hand- les	mm	Inch	Jaw width mm	Head width mm	Width mm	Depth mm
98 07 250	071518	260		chrome plated		30.0	1 1/8	8.0	16.0	73.0	20.0

Socket for Torx® screws – Page 46



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

Reversible Ratchet with external square drive – Page 46



Part No.	EAN 4003773-	↔ mm		Hand- les	Square drive Inch
98 31	026495	190			3/8
98 41	026518	265			1/2



Extension Bars – Page 46

Part 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

Part 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



Part No.	EAN 4003773-	↔ mm		Width across flats mm	Max. working diameter 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 Caps – Page 47



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

Self-Clamping Slip-On Caps – Page 47



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

Insulating Clamps – Page 47



Part No.	EAN 4003773-	↔ mm		Handles	Clamping width mm	Contact surface mm
98 64 02	021193	150	⚠ 1000V		15	

Insulating Gloves – Page 47



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

Electrical Safety Cover – Page 47



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

Tool Backpack "Modular X18" Electric – Page 50



Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 50 E	089063	Tool backpack "Modular X18" Electric			6600
00 11 01	PATENTED	KNIPEX TwinKey® control cabinet key	92 mm	KNIPEX	1
08 26 185	PATENTED	Needle-nose combination pliers	185 mm	KNIPEX	1
12 52 195		KNIPEX PreciStrip16 automatic insulation stripper	0.08–16 mm ²	KNIPEX	1
13 86 200		Electrical installation pliers	Ø 15 mm / 50 mm ²	KNIPEX	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® universal dismantling tool	Ø 8.0–13 mm	KNIPEX	1
26 26 200	PATENTED	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	PATENTED	Self-adjusting crimping pliers	0.08–16 mm ²	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		Slim screwdriver for Pozidriv® cross-recessed head screws	PZ1 x 80 mm	KNIPEX	1
98 25 01 SLS		Slim screwdriver for Pozidriv® plus/minus screws	PZ/S1 x 80 mm	KNIPEX	1
98 25 02 SL		Slim screwdriver for Pozidriv® cross-recessed head screws	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	"Modular X18" tool backpack, empty			

Tool Case "Robust26 Move" Electric – Page 50



Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 33 E	089094	Tool case "Robust26 Move" Electric			10100
00 11 01	PATENTED	KNIPEX TwinKey® control cabinet key	92 mm	KNIPEX	1
08 26 185	PATENTED	Needle-nose combination pliers	185 mm	KNIPEX	1
12 52 195		KNIPEX PreciStrip16 automatic insulation stripper	0.08–16 mm ²	KNIPEX	1
13 86 200		Electrical installation pliers	Ø 15 mm / 50 mm ²	KNIPEX	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® universal dismantling tool	Ø 8–13 mm	KNIPEX	1
26 26 200	PATENTED	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	PATENTED	Self-adjusting crimping pliers	0.08–16 mm ²	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		Slim screwdriver for Pozidriv® cross-recessed head screws	PZ1 x 80 mm	KNIPEX	1
98 25 01 SLS		Slim screwdriver for Pozidriv® plus/minus screws	PZ/S1 x 80 mm	KNIPEX	1
98 25 02 SL		Slim screwdriver for Pozidriv® cross-recessed head screws	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	"Robust26 Move" Tool Case, empty			

Tool Case "Robust45 Move" Electric – Page 50



Part 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 mm ²	KNIPEX	1
13 86 200		Electrical installation pliers	Ø 15 mm / 50 mm ²	KNIPEX	1
16 95 01 SB		KNIPEX ErgoStrip® universal dismantling 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 mm ²	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		Slim screwdriver for Pozidriv® cross-recessed head screws	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
		Zyklop Metal Ratchet Set 8100 SA 8 28-piece	1/4"	Wera	1
		Locksmith's hammer	300 g	Picard	1
		Electrician's Chisel	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	"Robust45 Move" Tool Case, empty			

Tool Case "BIG Twin Move" Electric – Page 51



Part 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 mm ²	KNIPEX	1
13 86 200		Electrical installation pliers	Ø 15 mm / 50 mm ²	KNIPEX	1
16 95 01 SB		KNIPEX ErgoStrip® universal dismantling 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 mm ²	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		Slim screwdriver for Pozidriv® cross-recessed head screws	PZ1 x 80 mm	KNIPEX	1
98 52		Cable knife	190 mm	KNIPEX	1
		Joker open-end wrench	10 x 13 mm	Wera	1
		Zyklop Metal Ratchet Set 8100 SA 8 28-piece	1/4"	Wera	1
		VDE interchangeable blades, 16 parts, slim		Wera	1
		Locksmith's hammer	300 g	Picard	1
		Electrician's Chisel	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	"BIG Twin Move" Tool Case, empty			

Tool Case "BIG Twin" Electric – Page 51



Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 42	084228		Tool case "BIG Twin" Electric		11550
00 11 01	PATENTED		KNIPEX TwinKey® control cabinet key	92 mm	KNIPEX 1
08 26 145	PATENTED		Needle-nose combination pliers	145 mm	KNIPEX 1
12 52 195			KNIPEX PreciStrip16 automatic insulation stripper	0.08–16 mm ²	KNIPEX 1
13 86 200			Electrical installation pliers	∅ 15 mm / 50 mm ²	KNIPEX 1
16 95 01 SB	PATENTED		KNIPEX ErgoStrip® universal dismantling tool	∅ 8–13 mm	KNIPEX 1
26 26 200	PATENTED		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	PATENTED		Self-adjusting crimping pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm ²	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			Slim screwdriver for Pozidriv® cross-recessed head screws	PZ1 x 80 mm	KNIPEX 1
98 52			Cable knife	190 mm	KNIPEX 1
			Joker open-end wrench	10 x 13 mm	Wera 1
			Zyklop Metal Ratchet Set 8100 SA 8 28-piece	1/4"	Wera 1
			VDE interchangeable blades, 16 parts, slim		Wera 1
			Locksmith's hammer	300 g	Picard 1
			Electrician's Chisel	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		"BIG Twin" Tool Case, empty		

Tool Bag "Compact" Electric – Page 51



Part 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 mm ²	KNIPEX 1
13 86 200			Electrical installation pliers	∅ 15 mm / 50 mm ²	KNIPEX 1
16 95 01 SB	PATENTED		KNIPEX ErgoStrip® universal dismantling tool	∅ 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	PATENTED		Self-adjusting crimping pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm ²	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			Slim screwdriver for Phillips® cross-head screws	PH2 x 100 mm	KNIPEX 1
98 25 01 SL			Slim screwdriver for Pozidriv® cross-recessed head screws	PZ1 x 80 mm	KNIPEX 1
98 25 02 SL			Slim screwdriver for Pozidriv® cross-recessed head screws	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		

Tool Case "BIG Twin Move RED" Electric Competence – Page 52



Part No.	EAN 4003773-		Nominal size	Quantity	g
98 99 15	084341		Tool case "BIG Twin Move RED" Electric Competence		9170
08 26 145		PATENTED 1000 V	Needle-nose combination pliers	145 mm	1
11 06 160		1000 V	Insulation stripper with opening spring, universal	Ø 5 mm / 10 mm ²	1
70 06 160		1000 V	Diagonal cutter	160 mm	1
95 16 200		1000 V	Cable Shears with twin cutting edge	Ø 20 mm / 70 mm ²	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 00 22		1000 V	Open-end wrench	22 mm	1
98 01 10		1000 V	Box Wrench	10 mm	1
98 01 13		1000 V	Box Wrench	13 mm	1
98 01 14		1000 V	Box Wrench	14 mm	1
98 01 17		1000 V	Box Wrench	17 mm	1
98 01 19		1000 V	Box Wrench	19 mm	1
98 01 22		1000 V	Box Wrench	22 mm	1
98 20 25		1000 V	Screwdriver for slotted screws	0.4 x 2.5 x 75 mm	1
98 20 40 SL		1000 V	Screwdrivers (Slim) for slotted screws	0.8 x 4.0 x 100 mm	1
98 20 55 SL		1000 V	Screwdrivers (Slim) for slotted screws	1.0 x 5.5 x 125 mm	1
98 20 65 SL		1000 V	Screwdrivers (Slim) for slotted screws	1.2 x 6.5 x 150 mm	1
98 24 01 SL		1000 V	Slim screwdriver for Phillips® cross-head screws	PH1 x 80 mm	1
98 24 02 SL		1000 V	Slim screwdriver for Phillips® cross-head screws	PH2 x 100 mm	1
98 25 01 SL		1000 V	Slim screwdriver for Pozidriv® cross-recessed head screws	PZ1 x 80 mm	1
98 25 02 SL		1000 V	Slim screwdriver for Pozidriv® cross-recessed head screws	PZ2 x 100 mm	1
98 25 02 SLS		1000 V	Slim screwdriver for Pozidriv® plus/minus screws	PZ/S2 x 100 mm	1
98 41		1000 V	Reversible ratchet with 1/2" external square	5 – 50 NM in steps of 0.25 Nm	1
98 45 125		1000 V	Extension with 1/2" internal/external square	+ 125 mm	1
98 45 250		1000 V	Extension with 1/2" internal/external square	+ 250 mm	1
98 47 10		1000 V	Socket wrench for hexagon screws with 1/2" internal square	10 mm	1
98 47 11		1000 V	Socket wrench for hexagon screws with 1/2" internal square	11 mm	1
98 47 12		1000 V	Socket wrench for hexagon screws with 1/2" internal square	12 mm	1
98 47 13		1000 V	Socket wrench for hexagon screws with 1/2" internal square	13 mm	1
98 47 14		1000 V	Socket wrench for hexagon screws with 1/2" internal square	14 mm	1
98 47 17		1000 V	Socket wrench for hexagon screws with 1/2" internal square	17 mm	1
98 47 19		1000 V	Socket wrench for hexagon screws with 1/2" internal square	19 mm	1
98 47 22		1000 V	Socket wrench for hexagon screws with 1/2" internal square	22 mm	1
98 47 24		1000 V	Socket wrench for hexagon screws with 1/2" internal square	24 mm	1
98 52		1000 V	Cable knife	190 mm	1
98 53 03		1000 V	Stripping Knives	155 mm	1
98 64 02		1000 V	Plastic Insulating Clamp		6
98 99 15 LE	084334		Tool case "BIG Twin Move RED" empty		

KNIPEX L-BOXX® Electric – Page 51



Part 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	Needle-nose combination pliers	145 mm	KNIPEX	1
12 52 195		KNIPEX PreciStrip16 automatic insulation stripper	0.08–16 mm ²	KNIPEX	1
13 86 200	PATENTED	Electrical installation pliers	Ø 15 mm / 50 mm ²	KNIPEX	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® universal dismantling tool	Ø 8–13 mm	KNIPEX	1
26 26 200	PATENTED	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	PATENTED	Self-adjusting crimping pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm ²	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		Slim screwdriver for Pozidriv® cross-recessed head screws	PZ 1	KNIPEX	1
98 52		Cable knife	190 mm	KNIPEX	1
		Joker open-end wrench	10 x 13 mm	Wera	1
		Zyklop Metal Ratchet Set 8100 SA 8 28-piece	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 Chisel	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



Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 20	052166	Tool case "Vision24" Electric			11550
03 06 180	PATENTED	Combination pliers	180 mm	KNIPEX	1
12 40 200		KNIPEX EvoStrip Self-Adjusting Insulation Stripper	0.03–10 mm ²	KNIPEX	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® universal dismantling tool	Ø 8–13 mm	KNIPEX	1
26 16 200	PATENTED	Snipe nose side cutting pliers (stork beak pliers)	200 mm	KNIPEX	1
26 26 200	PATENTED	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 03 250		KNIPEX Cobra® high-tech water pump pliers	250 mm	KNIPEX	1
95 16 200		Cable Shears with twin cutting edge	Ø 20 mm / 70 mm ²	KNIPEX	1
98 20 25		Screwdrivers (Slim) for slotted screws	0.4 x 2.5 x 75 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 20 65 SL		Screwdrivers (Slim) for slotted screws	1.2 x 6.5 x 150 mm	KNIPEX	1
98 24 01 SL		Slim screwdriver for Phillips® cross-head screws	PH1 x 80 mm	KNIPEX	1
98 24 02 SL		Slim screwdriver for Phillips® cross-head screws	PH2 x 100 mm	KNIPEX	1
98 25 01 SL		Slim screwdriver for Pozidriv® cross-recessed head screws	PZ1 x 80 mm	KNIPEX	1
98 25 02 SL		Slim screwdriver for Pozidriv® cross-recessed head screws	PZ2 x 100 mm	KNIPEX	1
98 52		Cable knife	190 mm	KNIPEX	1
		Voltage detector, single-pole 247	0.5 x 3 x 70 mm	Wera	1
00 21 20 LE	044567	Tool case "Vision24" empty			

Tool Case "BIG Basic Move" ElectricPlus – Page 52



Part 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 mm ²	KNIPEX 1
13 86 200	  		Electrical installation pliers	Ø 15 mm / 50 mm ²	KNIPEX 1
16 95 01 SB			KNIPEX ErgoStrip® universal dismantling 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 Twistor®16 Self-adjusting crimping pliers for wire ferrules	0.14 – 16 mm ²	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	 		Slim screwdriver for Phillips® cross-head screws	PH1 x 80 mm	KNIPEX 1
98 24 02 SL	 		Slim screwdriver for Phillips® cross-head screws	PH2 x 100 mm	KNIPEX 1
98 25 01	 		Screwdriver for Pozidriv® cross-head screws	PZ1	KNIPEX 1
98 25 01 SL	 		Slim screwdriver for Pozidriv® cross-recessed head screws	PZ1 x 80 mm	KNIPEX 1
98 25 01 SLS	 		Slim screwdriver for Pozidriv® plus/minus screws	PZ/S1 x 80 mm	KNIPEX 1
98 25 02 SL	 		Slim screwdriver for Pozidriv® cross-recessed head screws	PZ2 x 100 mm	KNIPEX 1
98 25 02 SLS	 		Slim screwdriver for Pozidriv® plus/minus screws	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
			Zyklop Metal Ratchet Set 8100 SA 8 28-piece	1/4"	Wera 1
			Locksmith's hammer	300 g	Picard 1
			Electrician's Chisel	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 "BIG Basic Move" Electric – Page 53



Part 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 mm ²	KNIPEX	1
16 20 165 SB		Stripping tool with trailing 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 detector, 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
		Phillips® Screwdriver 1162i	PH1 x 80 mm	Wera	1
		Phillips® Screwdriver 1162i	PH2 x 100 mm	Wera	1
		Pozidriv® Phillips Screwdriver 1165i	PZ1 x 80 mm	Wera	1
		Pozidriv® Phillips Screwdriver 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
		Mason's Chisels	250 mm	Rennsteig	1
		Electrician's Chisel	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 "Robust23" Electric – Page 53



Part 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 mm ²	KNIPEX	1
13 86 200		Electrical installation pliers	Ø 15 mm / 50 mm ²	KNIPEX	1
16 95 01 SB		KNIPEX ErgoStrip® universal dismantling 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 mm ²	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 "Robust34" Electric – Page 53



Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 36	082583	Tool case "Robust34" Electric			8810
00 11 01	PATENTED	KNIPEX TwinKey® control cabinet key	92 mm	KNIPEX	1
08 26 145	PATENTED	Needle-nose combination pliers	145 mm	KNIPEX	1
12 40 200	PATENTED	KNIPEX EvoStrip Self-Adjusting Insulation Stripper	0.03 – 10 mm ²	KNIPEX	1
13 86 200	PATENTED	Electrical installation pliers	Ø 15 mm / 50 mm ²	KNIPEX	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® universal dismantling 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	PATENTED	Self-adjusting crimping pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm ²	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



Part 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 mm ²	KNIPEX	1
16 20 165 SB		Stripping tool with trailing blade	Ø 8 – 28 mm	KNIPEX	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® universal dismantling 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		Slim screwdriver for Pozidriv® cross-recessed head screws	PH1 x 80 mm	KNIPEX	1
98 24 02 SL		Slim screwdriver for Pozidriv® cross-recessed head screws	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
		Mason's Chisels	300 mm	Rennsteig	1
		Electrician's Chisel	250 x 10 mm	Rennsteig	1
		Locksmith's hammer	300 g	Ruthe	1
00 21 02 LE	057499	Tool bag "Classic" empty			

Tool Bag "Service" empty – Page 54



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

Compact Tool Case – Page 54



Part 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		Phillips® screwdriver for cross-recessed head screws	PH0 x 60 mm	1	
98 41		Reversible ratchet with 1/2" external square	265 mm	1	
98 45 125		Extension with 1/2" internal/external square	+ 125 mm		
98 45 250		Extension with 1/2" internal/external square	+ 250 mm		
98 47 10		Socket wrench for hexagon screws with 1/2" internal square	10 mm	1	
98 47 11		Socket wrench for hexagon screws with 1/2" internal square	11 mm	1	
98 47 12		Socket wrench for hexagon screws with 1/2" internal square	12 mm	1	
98 47 13		Socket wrench for hexagon screws with 1/2" internal square	13 mm	1	
98 47 14		Socket wrench for hexagon screws with 1/2" internal square	14 mm	1	
98 47 17		Socket wrench for hexagon screws with 1/2" internal square	17 mm	1	
98 47 19		Socket wrench for hexagon screws with 1/2" internal square	19 mm	1	
98 52		Cable knife	190 mm	1	
98 99 11 LE	028857	Compact case, empty			

Compact Tool Case – Page 54



Part 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		Phillips® screwdriver for cross-recessed head screws	PH0 x 60 mm	1	
98 24 01		Phillips® screwdriver for cross-recessed head screws	PH1 x 80 mm	1	
98 24 02		Phillips® screwdriver for cross-recessed head screws	PH2 x 100 mm	1	
98 41		Reversible ratchet with 1/2" external square	265 mm	1	
98 45 125		Extension with 1/2" internal/external square	+ 125 mm		
98 47 10		Socket wrench for hexagon screws with 1/2" internal square	10 mm	1	
98 47 11		Socket wrench for hexagon screws with 1/2" internal square	11 mm	1	
98 47 12		Socket wrench for hexagon screws with 1/2" internal square	12 mm	1	
98 47 13		Socket wrench for hexagon screws with 1/2" internal square	13 mm	1	
98 47 14		Socket wrench for hexagon screws with 1/2" internal square	14 mm	1	
98 47 17		Socket wrench for hexagon screws with 1/2" internal square	17 mm	1	
98 47 19		Socket wrench for hexagon screws with 1/2" internal square	19 mm	1	
98 52		Cable knife	190 mm	1	
98 53 03		Stripping Knives	155 mm	1	
98 99 12 LE	028154	Compact case, empty			

Tool Set for Photovoltaics – Page 55



Part No.	EAN 4003773-		Nominal size	Quantity	g
97 91 01	070351	Tool set for photovoltaics			1964
12 12 11		Precision insulation strippers with customised blades 1.5/2.5/4/6 mm ²	1.5–6 mm ²	1	
95 16 165		Cable shears	Ø 15 mm / 50 mm ²	1	
97 43 200 A		Crimp system pliers for interchangeable crimping dies		1	
97 91 03	087755	Tool set for photovoltaics			1964
12 12 12		Precision insulation strippers with customised blades 4/6/10 mm ²	4–10 mm ²	1	
95 16 165		Cable shears	Ø 15 mm / 50 mm ²	1	
97 43 200 A		Crimp system pliers for interchangeable crimping dies		1	
97 91 01 LE	088813	Tool Case for photovoltaics, empty			

Tool Sets for Photovoltaics MC4® – Page 55



Part No.	EAN 4003773-		Nominal size	Quantity	g
97 91 04 V01	088998	Tool Case for photovoltaics for MC4® PV connectors			2010
12 12 11		Precision insulation stripper with customised blades 1.5/2.5/4/6 mm ²	1.5–6 mm ²	1	
95 16 165		Cable shears	Ø 15 mm / 50 mm ²	1	
97 43 200 A		Crimp system pliers for interchangeable crimping dies		1	
97 49 66		Crimping die for MC4® PV connectors	2.5–6 mm ²	1	
97 49 66 1		Locator for 97 49 66 (PV connector MC4®)		1	
97 49 66 2		Set of mounting tools set for MC4® PV connectors		1	
97 91 04 V02	089001	Tool Case for photovoltaics for MC4® PV connectors			2010
12 12 12		Precision insulation stripper with customised blades 4/6/10 mm ²	4–10 mm ²	1	
95 16 165		Cable shears	Ø 15 mm / 50 mm ²	1	
97 43 200 A		Crimp system pliers for interchangeable crimping dies		1	
97 49 71		Crimping die for MC4® PV connectors	4–10 mm ²	1	
97 49 71 1		Locator for 97 49 71 (PV connector MC4®)		1	
97 49 66 2		Set of mounting tools set for MC4® PV connectors		1	
97 91 01 LE	088813	Tool Case for photovoltaics, empty			

Photovoltaic Installations Set – Page 55



Part 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 plug type connectors	4–6 mm ²	1	

Universal Tweezers Set – Page 56



Part No.	EAN 4003773-		Quantity	g
92 00 04	087052	Insulated universal tweezers set		275
92 27 61	1000 V	Insulated universal tweezers	1	
92 27 62	1000 V	Insulated universal tweezers	1	
92 37 64	1000 V	Insulated universal tweezers	1	
92 47 01	1000 V	Insulated universal tweezers	1	
92 67 63	1000 V	Insulated universal tweezers	1	
00 19 92 V01 LE	087229	Tool Roll for tweezers, 5 compartments		100

Tool Roll – Page 56



Part 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 mm ²	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 twin cutting edge	Ø 20 mm / 70 mm ²	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 Electro 1 – Page 56



Part No.	EAN 4003773-		Nominal size	Quantity	g
00 20 90 V01	084693	Extension Set Electro 1			1415
00 11 01		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 twin cutting edge	Ø 15 mm / 50 mm ²	KNIPEX	1
98 25 01 SLS	1000 V	Slim screwdriver for Pozidriv® plus/minus screws	PZ/S1 x 80 mm	KNIPEX	1
98 25 02 SLS	1000 V	Slim screwdriver for Pozidriv® plus/minus screws	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 Electro 2 – Page 56



Part No.	EAN 4003773-		Nominal size	Quantity	g
00 20 90 V02	084709	Extension Set Electro 2		1915	
00 11 01	PATENTED	KNIPEX TwinKey® control cabinet key	92 mm	KNIPEX	1
12 62 180	MM	KNIPEX ComStrip	0.2 – 6 mm ²	KNIPEX	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® universal dismantling tool	Ø 8 – 13 mm	KNIPEX	1
26 26 200		Snipe nose side cutting pliers (stork beak pliers)	200 mm	KNIPEX	1
74 06 200		High-leverage diagonal cutters	200 mm	KNIPEX	1
78 06 125		Electronic Super Knips	125 mm	KNIPEX	1
87 01 180		KNIPEX Cobra® high-tech water pump pliers	180 mm	KNIPEX	1
95 16 165		Cable Shears with twin cutting edge	15 mm / 50 mm ²	KNIPEX	1
97 78 180		Crimping Pliers for wire ferrules	0.25 – 16 mm ²	KNIPEX	1
98 25 01 SLS		Slim screwdriver for Pozidriv® plus/minus screws	PZ/S1 x 80 mm	KNIPEX	1
98 25 02 SLS		Slim screwdriver for Pozidriv® plus/minus screws	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 Installation Sets – Page 57



Part No.	EAN 4003773-		Nominal size	Quantity
00 31 30 BK V01	086574	Electrical Installations Set		
13 86 200	PATENTED	Electrical installation pliers	Ø 15 mm / 50 mm ²	1
16 95 01 SB	PATENTED	KNIPEX ErgoStrip® universal dismantling tool	Ø 8 – 13 mm	1
70 06 160		Diagonal cutter	160 mm	1
00 31 30 BK V02	087892	Electrical Cutting Set		
70 06 160		Diagonal cutter	160 mm	1
78 06 125	MM	Electronic Super Knips VDE	125 mm	1
95 16 160		KNIPEX StepCut® Cable Shears	Ø 15 mm / 50 mm ²	1
00 31 30 BK V03	087885	Electrical Set		
11 06 160	MM	Insulation stripper with opening spring, universal	Ø 5 mm / 10 mm ²	1
26 16 200		Snipe nose side cutting pliers (stork beak pliers)	200 mm	1
70 06 160		Diagonal cutter	160 mm	1



Tool Sets – Page 57

Part No.	EAN 4003773-		Nominal size	Quantity
00 20 12	012412	Electro Set		
03 06 180		Combination pliers	180 mm	1
26 16 200		Snipe nose side cutting pliers (stork beak pliers)	200 mm	1
70 06 160		Diagonal cutter	160 mm	1
00 20 13	043287	VDE Tool Set		
006110	MM	Screwdriver for slotted screws 160i	0.6 x 3.5 x 100 mm	1
006120		Screwdriver for slotted screws 160i	1 x 5.5 x 125 mm	1
006154		Screwdriver, Phillips® 162i PH	PH2 x 100 mm	1
26 16 200		Snipe nose side cutting pliers (stork beak pliers)	200 mm	1
70 06 160		Diagonal cutter	160 mm	1

PLIERS KNOWLEDGE

Examples of different handle types on a pair of pliers



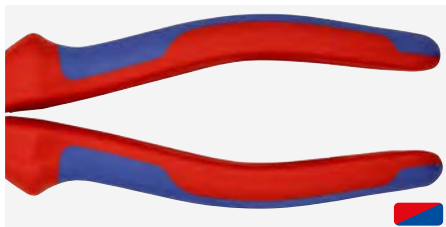
Straight handles, fully-metal design without plastic grips
are used when the hand must be placed at various positions when gripping. This is often the case with carpenters' pliers and concretors' nippers.



S-shaped handles, thin plastic coatings
render pliers slip resistant and pleasant to grip. They support a precise hand position, which can be useful in screwing motions, for example. The typical handle for water pump pliers.



Curved handles, thin plastic coatings
support the hand at the front and rear. This is always beneficial where high forces are required, for example with diagonal cutters.



Multi-component grips
Compared to handles with a thin plastic coating, comfort handles offer the hand a larger contact surface, enabling better distribution of force and thus making work more comfortable. The red, hard component ensures a firm grip on the pliers body, 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 due to its special surface texture. The ends of the handles each have a KNIPEXTend interface for extending the functionality, for example with TetheredTool Clips for attaching fall protection devices.



VDE*-insulated handles, multi-component grips
Insulated grips for working on electrical systems. Approved to DIN EN/IEC 60900, these pliers comply with significantly more stringent technical and safety standards.



VDE*-insulated handles with dip-insulation
The dipped VDE-handles guarantee the same electrical protection as other VDE insulated handles. In particular, energy companies use these different looking VDE-pliers to help prevent the wrong tool from being used.



ESD-grips, multi-component grips**
Dissipative sleeves enable a gradual, controlled equalisation of any prevailing differences in electric potential between the operator and sensitive electronic components.

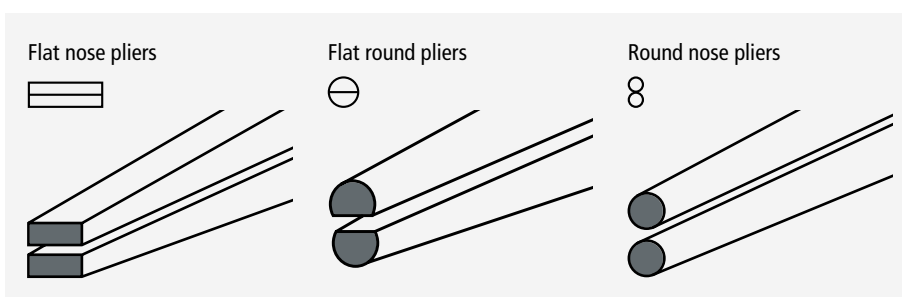
*Association for Electrical, Electronic and Information Technologies
** electrostatic discharge

Care instructions


A drop of oil (e.g. Ballistol®) on the polished surfaces and in the joint keeps your pliers in good working order and extends their service life!



Basic jaw shapes



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

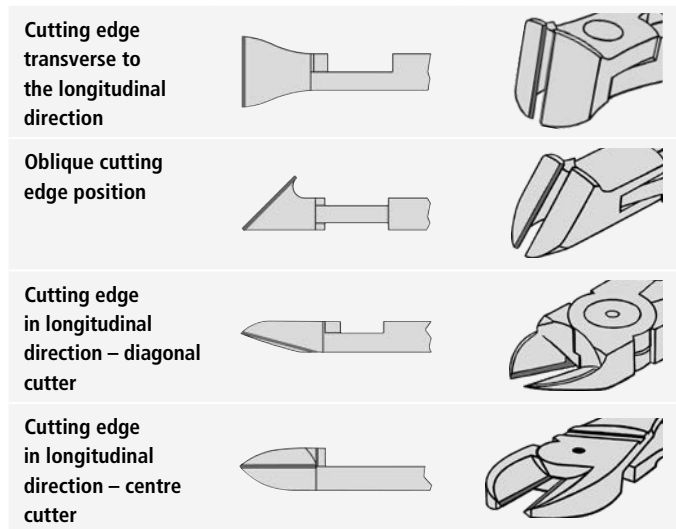
- 3 Recess (pipe grip)

- 4 Additional cutting edge

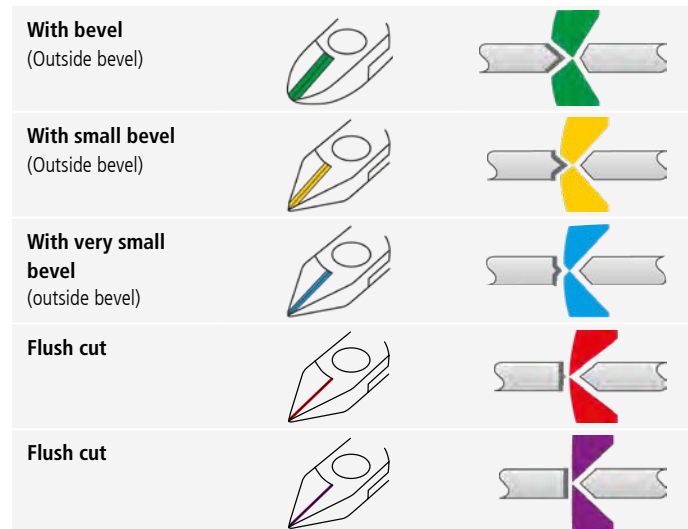
- 5 Jaw

- 6 Flank

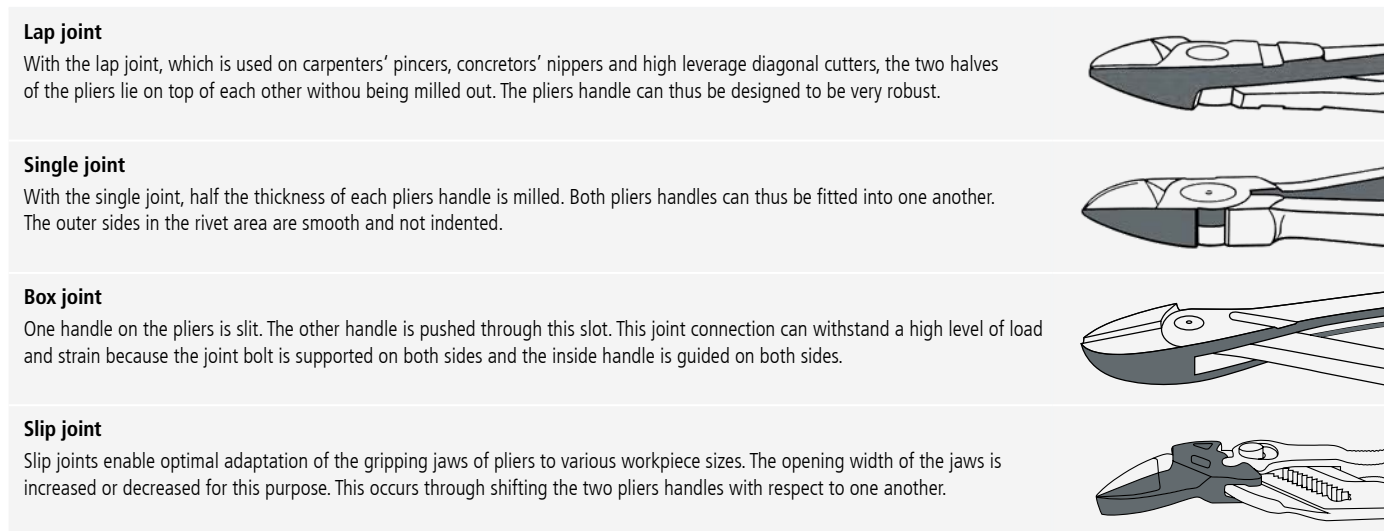
Direction and position of the cutting edges



Cutting edge shapes DIN ISO 5742



Joint types












































































Wire classes

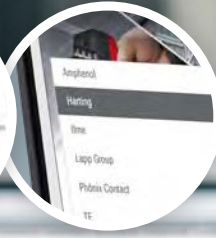
	Material examples	Type of wire	Tensile strength		
			N/mm ²	kp/mm ²	
	Copper, plastics	soft	220	22	
	Nail, wire pin	medium-hard	750	75	
	Wire rope strand, steel wire	hard	1800	180	
	Spring steel wire	piano wire	2300	230	

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:

PICTOGRAMS EXPLAINED

	Without sleeves		Western-Crimp
	Plastic-coated handles		Trapezoidal crimp front
	Handles with non-slip plastic coating		Hexagon
	Handles with multi-component grips		Hexagonal screw
	Handles with multi-component grips and integrated tether attachment point		Slotted screw
	Comfort handles		Cross recessed screw
	Insulated handles with multi-component grips		Cross-recessed head screw PlusMinus
	Insulated handles with multi-component grips and integrated tether attachment point		Pozidriv cross recessed screw
	Handles with dip insulation		Torx®
	Handles with single-component sleeves (red)		Double-bit key
	Handles with single-component insulating sleeves		Hexagonal socket
	Handles with single-component sleeves (black)		Double hexagonal
	Handles with multi-component grips ESD		External square
	Electrostatic discharging, dissipative		Bit holder 1/4" (hexagon socket)
	Insulated according to IEC 60900, usable up to 1000 V AC / 1500 V DC		With opening spring
	VDE tested, also in compliance with GPSG (Equipment and Product Safety Act)		With lead catcher
	Cu- + Al-multi-conductor cable, solid and multi-stranded		Internal ring
	Wire rope		External circlip
	Ribbon cable		Retaining ring, straight
	Steel wire armoured cable (SWA)		Retaining ring, diagonal
	ACSR (overhead line cable)		Grip ring
	Soft wire		Flat jaws
	Medium-hard wire		Flat and pointed jaws
	Hard wire		Half-round jaws
	Piano wire		Round jaws
	Square crimp automatic		Triangle
	Hexagonal crimp automatic		Smooth gripping surfaces
	Four-mandrel crimp		Smooth-serrated gripping surfaces
	Mandrel crimp		Knurled gripping surfaces
	Trapezoidal crimp		Cross-hatched, knurled gripping surfaces
	Oval crimp		Centre Cutter
	F-Crimp		Cutting edges with bevel
	Trapezoid indent crimp		Cutting edges with small bevel
	W-Crimp		Cutting edges with very small bevel
	Hexagonal crimp		Cutting edges without bevel
	Square crimp		For flush cut of soft materials
	Solarlok® crimp		

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