



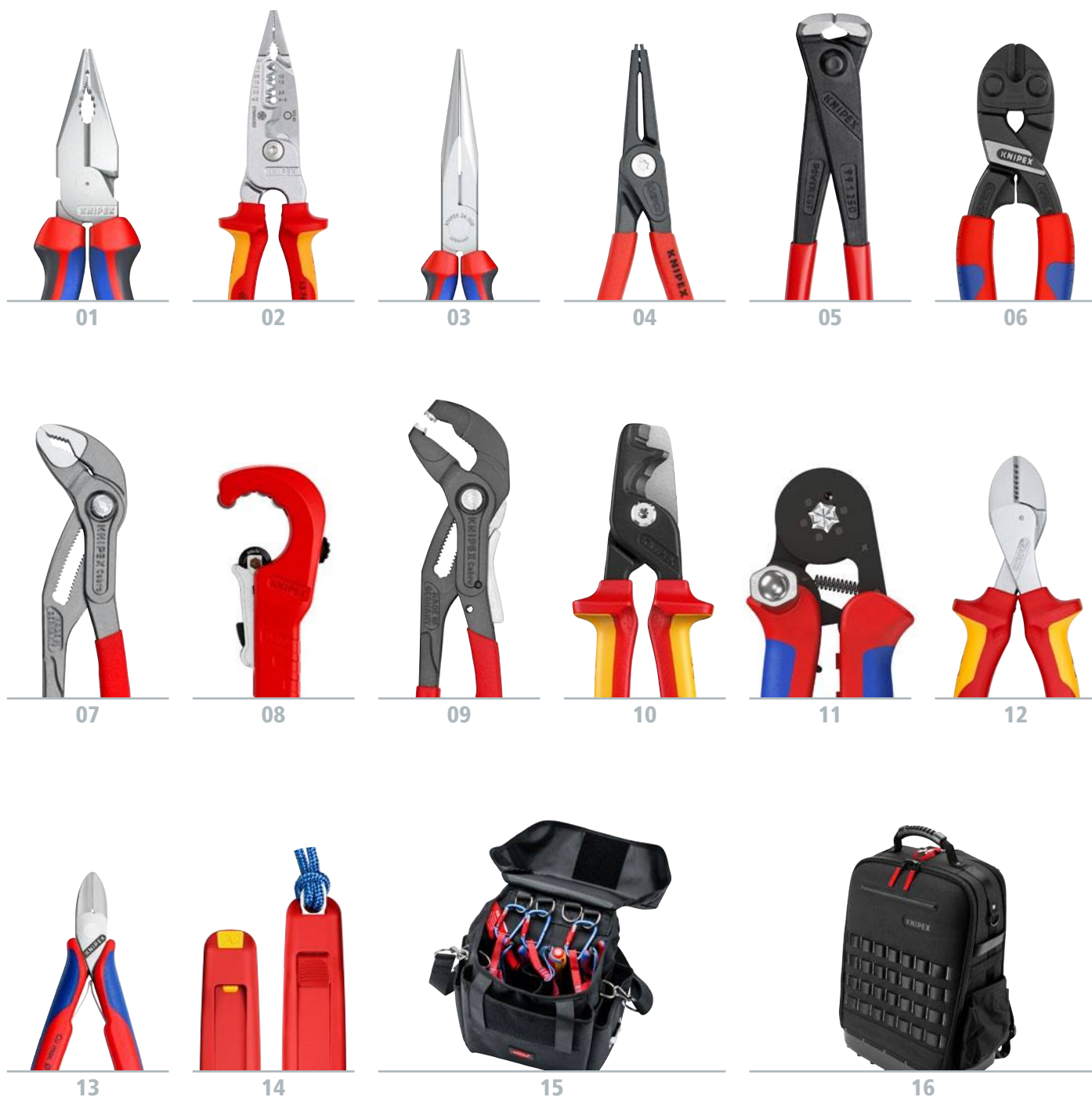
KNIPEX Quality – Made in Germany

PLIERS



GENERAL CATALOGUE

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COMBINATION PLIERS

Combination Pliers

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Combination Pliers

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

- > With gripping zones for flat and round material, suitable for versatile use
- > With cutting edges for soft, hard and piano wire
- > Long cutting edges for thicker cables
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Particularly wear resistant gripping jaws; hardness of the gripping jaws approx. 53 HRC
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				
							Ø mm	Ø mm	Ø mm	mm²	g
01 06 160	040729	160		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2.0	1.5	10.0	16	220
01 06 190	040415	190		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2.5	2.0	13.0	25	320

Mini Combination Pliers

- Compact combination pliers for professionals and hobbyists
- Versatile areas of application: precision engineering, plumbing, an essential part of any bicycle or motor-cycle toolkit, EDC (Every Day Carry), model making

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



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				
							Ø mm	Ø mm	Ø mm	mm²	g
03 03 110	092636	110		chrome-plated	chrome-plated	with plastic coating	2.5	1.6	9.0	10	63

Combination Pliers

- > Long cutting edges for thicker cables
- > With gripping zones for flat and round material, suitable for versatile use
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC
- > With cutting edges for soft and hard wire
- > Special tool steel, forged, multi stage oil-hardened
- > DIN ISO 5746

03 02 / 03 05

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

03 06 180 T*

- > Pliers with integrated tether attachment point for a tool tether



03 01 180



03 02 180



03 05 180



03 06 180 T



03 07 200

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				
							Ø mm	Ø mm	Ø mm	mm²	g
03 01 140	015192	140					2.8	1.8	9.0	10	106
03 01 160	013235	160					3.1	2.0	10.0	16	187
03 01 180	013242	180		black atramentized	polished	with plastic coating	3.4	2.2	12.0	16	216
03 01 200	013259	200					3.8	2.5	13.0	16	276
03 01 250	015222	250					3.8	2.5	15.0	25	480
03 02 160	023203	160					3.1	2.0	10.0	16	223
03 02 180	023197	180		black atramentized	polished	with comfort handles	3.4	2.2	12.0	16	254
03 02 200	034940	200					3.8	2.5	13.0	16	322
03 05 140	039730	140					2.8	1.8	9.0	10	139
03 05 160	039518	160					3.1	2.0	10.0	16	222
03 05 180	034933	180		chrome-plated	chrome-plated	with comfort handles	3.4	2.2	12.0	16	254
03 05 200	041146	200					3.8	2.5	13.0	16	324
03 06 160	021902	160					3.1	2.0	10.0	16	228
03 06 180	021926	180		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.4	2.2	12.0	16	264
03 06 200	033776	200					3.8	2.5	13.0	16	355
03 06 180 T	081395	180		chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	3.4	2.2	12.0	16	270
03 07 180	015314	180		chrome-plated	chrome-plated	with dipped insulation, VDE-tested	3.4	2.2	12.0	16	285
03 07 200	015321	200					3.8	2.5	13.0	16	339

* Other tools with tethering can be found from page 262

Needle-Nose Combination Pliers

- ▶ Easy cutting due to the high leverage joint
- ▶ Handy use when working in confined areas due to slim head design and pointed jaws (anti-twist)
- ▶ Gripping surfaces with special convex contour on one side for secure gripping of flat parts

- > The reliable and diverse combination pliers when out and about
- > With cutting edges for soft, medium-hard and hard wire
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC
- > 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
- > Easy cutting due to the high leverage joint
- > Forged from special high grade tool steel, manifold oil-hardened
- > High-grade special tool steel, forged, oil-hardened
- > Forged from special tool steel, oil-hardened and tempered
- > DIN ISO 5746

08 22 / 08 25

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

08 26 145 T*

- > Pliers with integrated tether attachment point for a tool tether

PATENTED



08 21 145



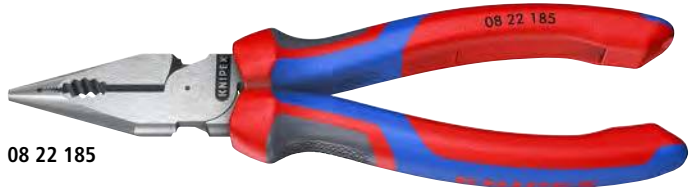
08 25 145



08 26 145 T



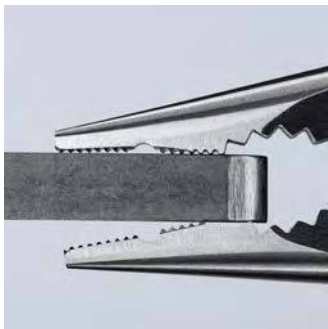
08 21 185



08 22 185



08 26 185



Firm grip also on flat material due to three-point rest



Tip keeps its shape even during greater torsional forces

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				
							Ø mm	Ø mm	Ø mm	mm²	g
08 21 145	078951	145		black atramentized	polished	with plastic coating	3.0	2.0	8.0	16	116
08 21 185	088325	185		black atramentized	polished	with plastic coating	3.8	3.0	13.0	25	213
08 22 145	078968	145		black atramentized	polished	with comfort handles	3.0	2.0	8.0	16	145
08 22 185	088332	185		black atramentized	polished	with comfort handles	3.8	3.0	13.0	25	213
08 25 145	078975	145		chrome-plated	chrome-plated	with comfort handles	3.0	2.0	8.0	16	145
08 25 185	088349	185		chrome-plated	polished	with comfort handles	3.8	3.0	13.0	25	245
08 26 145	079361	145		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.0	2.0	8.0	16	145
08 26 145 T	081401	145		chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	3.0	2.0	8.0	16	155
08 26 185	088356	185		chrome-plated	polished	insulated with multi-component grips, VDE-tested	3.8	3.0	13.0	25	213



High Leverage Combination Pliers

- ▶ 35% less effort required than with conventional combination pliers
- ▶ With cutting edges (hardness approx. 63 HRC) for heavy duty

- > Easier work due to optimised leverage
- > Easier cutting, powerful gripping, bending and pulling
- > Long cutting edges for thicker cables
- > With gripping zones for flat and round material, suitable for versatile use
- > Precise, minimal light gap between the gripping jaws to ensure optimal function of the cutting edges
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 63 HRC
- > High-grade special tool steel, forged, multi stage oil-hardened
- > DIN ISO 5746

02 02 / 02 05

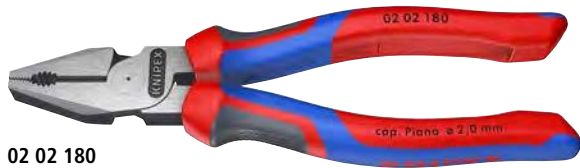
- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



02 01 200



02 01 225 SB



02 02 180



02 02 225



02 05 225



02 06 200



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				
							Ø mm	Ø mm	Ø mm	mm²	Δ g
02 01 180	033134	180		black atamentized	polished	with plastic coating	2.5	2.0	11.5	16	202
02 01 200	039679	200					2.8	2.2	13.0	25	298
02 01 225	013198	225					3.0	2.5	14.0	25	355
02 02 180	034896	180		black atamentized	polished	with comfort handles	2.5	2.0	11.5	16	240
02 02 200	034902	200					2.8	2.2	13.0	25	342
02 02 225	043379	225					3.0	2.5	14.0	25	405
02 05 180	043072	180		chrome-plated	chrome-plated	with comfort handles	2.5	2.0	11.5	16	238
02 05 200	043089	200					2.8	2.2	13.0	25	342
02 05 225	010005	225					3.0	2.5	14.0	25	410
02 06 180	010012	180		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2.5	2.0	11.5	16	247
02 06 200	010029	200					2.8	2.2	13.0	25	343
02 06 225	010036	225					3.0	2.5	14.0	25	425

Lineman's Pliers

- ▶ High transmission ratio for easy cutting
- ▶ Requires 50% less effort compared with conventional combination pliers due to optimised transmission ratio

- > Solid construction for heaviest strain; universally applicable
- > Ergonomically optimised handle shape for firm contact to the hand and fatigue reducing operation
- > Particularly effective cross-hatched knurled gripping zone in the jaws – for strong gripping and pulling
- > Additional gripping zone below the joint for powerful leverage and pressing performance
- > With cutting edges for soft and hard wire
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 62 HRC
- > American style
- > Vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 5746
- > ASME B107.20

09 02 240 / 09 12 240

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

09 11 240 / 09 12 240

- > With fish tape puller in the joint gap
- > With universal mandrel crimping point below the joint



09 01 240



09 02 240



09 11 240



09 12 240



Long cutting edges for cutting flat cables



Cross-hatched, knurled gripping zone for firm gripping and pulling, e. g. for fence construction



09 11/12 240: fish tape puller in the joint gap



09 11/12 240: universal mandrel crimping area below the joint

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Δ g
							Ø mm	Ø mm	
09 01 240	064992	240		black atramentized	polished	with non-slip plastic coating	4.6	3.0	435
09 02 240	065005	240		black atramentized	polished	with comfort handles	4.6	3.0	460
09 11 240	071952	240		black atramentized	polished	with non-slip plastic coating	4.6	3.0	435
09 12 240	071969	240		black atramentized	polished	with comfort handles	4.6	3.0	455

WIRE STRIPPERS AND STRIPPING TOOLS

PRODUCT FINDER FOR STRIPPING TOOLS 014

PRODUCT FINDER FOR WIRE STRIPPING TOOLS 016

Automatic Stripping and Wire Stripping Tools

KNIPEX EvoStrip – Self-Adjusting Insulation Stripper	018
KNIPEX MultiStrip 10 – Automatic Insulation Stripper	019
KNIPEX PreciStrip 16 – Automatic Insulation Stripper	020
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Stripping Tools

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13 76 200 ME

PRODUCT FINDER

FOR STRIPPING TOOLS

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



Product		Automatic insulation strippers					Precision insulation strippers		
		KNIPEX ComStrip	KNIPEX EvoStrip	KNIPEX MultiStrip 10	KNIPEX PreciStrip16	KNIPEX NexStrip®			
Part No.		12 62 180 P. 21	12 40 200 P. 18	12 42 195 P. 19	12 52 195 P. 20	12 72 190 P. 22	12 12 02 P. 24	12 12 06 P. 24	12 12 10 P. 24
Stripping capacity		0.2–6 mm²	0.03–10 mm²	0.03–10 mm²	0.08–16 mm²	0.03–10 mm²	0.09/0.14/ 0.38/0.57/ 1/1.5/2.08 mm²	0.25/0.75/ 1.5/2.5/4/ 6 mm²	2.5/4/6/ 10 mm²
Adjustable length stop		6–18 mm	3–22 mm	3–17 mm	4–18 mm	3–17 mm	5–20 mm	5–20 mm	5–20 mm
Cable cutter capacity	single-wire	up to 2.5 mm²	up to 6.0 mm²	up to 6.0 mm²	up to 6.0 mm²	up to 6.0 mm²	–	–	–
	fine-stranded	up to 6.0 mm²	up to 10.0 mm²	up to 10.0 mm²	up to 16.0 mm²	up to 10.0 mm²	–	–	–
Blade geometry									
Fine adjustment*		✓	✓	–	✓	✓	–	–	–
Crimping function (wire ferrules)		–	–	–	–	✓ 0.25–4 mm²/ 2x 2.5 mm²	–	–	–
Main areas of application									
Standard PVC insulation, normal insulation thicknesses, constant temperatures, e.g. FLRY (automotive industry)		✓	✓	✓	✓	✓	–	–	–
PVC insulation, varying insulation thicknesses, changing temperatures, e.g. NYM-J (domestic and building installation), H07V-K (cabinet)		✓	✓	–	✓	✓	–	–	–
Rubber insulation, different insulation thicknesses, changing temperatures, e.g. H07RN-F (electrically powered devices)		–	✓	–	✓	–	–	–	–
Hard, smooth and halogen-free insulation, different insulation thicknesses, changing temperatures, e.g. H07V-K UL (cabinet)		–	–	–	✓ + 12 49 32 4–16 mm²	–	–	–	–
PTFE-insulated single core (connection and control cable, cabinet)		–	–	–	–	–	✓	✓	✓
FEP-insulated single core (connection and control cable, cabinet)		–	–	–	–	–	–	✓	–
PV cable, e.g. H1Z2Z2-K (photovoltaic systems)		–	–	–	–	–	–	–	–
Conductors made of PVC, TEFLON®, KYNAR®, TEFZEL®, MYLAR® (telecommunications, model making, electronics)		–	–	–	–	–	–	–	–
Optical fibre cable, e.g. A-DQ(ZN)B2Y (telecommunications)		–	–	–	–	–	–	–	–

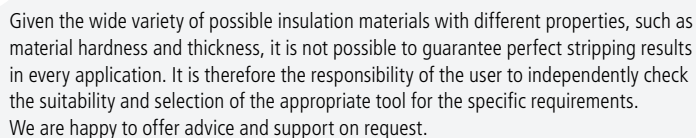
* Adjustment of the cutting depth to specific materials or temperature conditions

PRODUCT FINDER

FOR STRIPPING TOOLS TO REMOVE CABLE SHEATHING

Removing cable sheathing requires a high degree of precision to avoid damaging the conductor insulation. Find the right one for you here.

			With bracket					With ratchet function	
									
Art. no.			16 20 16 P. 36	16 20 28 P. 36	16 20 165 P. 36	16 30 135 P. 36	16 30 145 P. 36	16 40 150 P. 37	16 50 145 P. 39
Capacity Stripping	Round cable Ø		4 – 16 mm	8–28 mm	8–28 mm	6–29 mm	19–40 mm	from 25 mm	from 10 mm
	Flat cable Width		–	–	–	–	–	–	–
Circumferential cut			✓	✓	✓	✓	✓	✓	✓
Longitudinal cut			✓	✓	✓	✓	✓	✓	✓
Spiral cut			–	–	–	✓	✓	–	–
Additional function: wire stripping			–	–	–	–	–	–	–
Cable designations (Example)	Adjustable blade depth ►		✓	✓	✓	✓	✓	✓	–
	Material Insulation ▼		up to 3 mm	up to 3 mm	up to 3 mm	up to 3 mm	up to 3 mm	up to 5 mm	–
Connection and control cables	ÖLFLEX® CLASSIC 100/110	PVC	✓	✓	✓	✓	✓	✓	✓
	JZ-500	PVC	✓	✓	✓	✓	✓	✓	✓
	H05VV-F	PVC	✓	✓	✓	✓	✓	✓	✓
	H07RN-F	Rubber	–	–	–	✓	✓	✓	✓
	NSSHÖU	Rubber	✓	✓	✓	✓	✓	–	✓
	NSGAFÖU	Rubber	–	–	–	✓	✓	–	✓
	NSHTÖU	Rubber	–	–	–	✓	✓	–	✓
	SL 834 C motor connection cable	PUR	✓	✓	✓	✓	✓	✓	✓
	H07BQ-F/H05BQ-F	PUR	–	–	–	✓	✓	–	✓
	H1Z2Z2-K Solar cable	XLPE	–	–	–	✓	–	–	✓
Installation cables	NHXMH	HFFR (Halogen-free compound)	–	–	–	–	–	–	–
	NYM	PVC	✓	✓	✓	✓	✓	✓	✓
	NYY-J/-O	PVC	✓	✓	✓	✓	✓	✓	✓
	NYCWY	PVC	✓	✓	✓	✓	✓	–	✓
	Twin & Earth, Flat cable	PVC	–	–	–	–	–	–	–
	U-1000 AR2V	PVC	✓	✓	✓	✓	✓	✓	✓
	(N)HXH Function-preserving cable	Halogen-free polymer	✓	✓	✓	✓	✓	✓	✓
Data cables	Halogen-free sensor/actuator cables	PUR	–	–	–	–	–	–	–
	SUPERTRONIC®-PVC drag chain cable	PVC	–	–	–	–	–	–	–
	TOPGEBER® 512 PUR drag chain cable	PUR	–	–	–	✓	–	–	–
	LiY-CY	PVC	–	–	–	–	–	–	–
	Unitronic® Robust	TPE	–	–	–	–	–	–	–
	CAT 5, 6, 7	PVC	–	–	–	–	–	–	–
	Ribbon telephone cable PVC	PVC	–	–	–	–	–	–	–
	J-Y(ST)Y telecommunications cable	PVC	–	–	–	–	–	–	–
	Coax cable	PVC	–	–	–	–	–	–	–

WIRE STRIPPERS AND STRIPPING TOOLS | 017

KNIPEX EvoStrip

Self-Adjusting Insulation Stripper

- ▶ Effortless stripping in a large capacity range from 0.03 to 10 mm² / AWG 32 – 8
- ▶ No damage to the conductors due to automatic adaptation to different conductor cross-sections
- ▶ With its two-component handle and comfortable handle width, it sits comfortably in the hand and the ingenious handle design minimizes the risk of hand injuries

- > Versatile applications due to generous stripping range of 3 – 22 mm, and up to 25 mm without length stop
- > Adjustable setting wheel in fine increments: The adjustable cutting depth allows the pliers to master the most demanding insulation jobs – even under extreme temperature conditions
- > Top-mounted cable cutter for copper and aluminium conductors offers maximum visibility: Embossed, visible and tangible arrow always shows the exact cutting position, clean cuts due to optimised cutting edge geometry for finely stranded conductors up to 10 mm², solid conductors up to 6 mm²
- > For solid, multi-stranded and finely stranded conductors with plastic or rubber insulation, also for ribbon cables up to 10 mm wide
- > Raised, non-slip handle collar in front of the cable cutter provides reliable grip
- > With integrated tether attachment point in the handle: For reliable tool protection when working at heights, ANSI-compliant and compatible with KNIPEX Tethered Tools tethering system
- > Smooth-running mechanism guarantees long-term performance, comfortable working due to low noise levels
- > High-quality, wear-resistant stripping blades and glass fibre reinforced plastic ensure long-lasting performance – for thousands of stripping cycles without compromise. Blades can be replaced quickly and cost-effectively when worn.
- > Body: glass fibre reinforced plastic
- > Blade: special tool steel, oil-hardened



12 40 200



0.03 – 10 mm² / 32 – 8 AWG



Adjustable length stop



Integrated cable cutter for up to 10 mm² fine-stranded cable, 6 mm² single-stranded cable



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



Fastening device on the end of the handle (drop protection system)

Part No.	EAN	↔ mm		Stripping capacities mm ²	AWG	Δ g
12 40 200	026662	200	MM	0.03 – 10	32 – 8	202
12 49 01	026679	1 pair of spare blades for 12 40 200				
12 49 04	053071	Torsion spring for 12 40 200				
12 49 05	053088	Coil spring in the head for 12 40 200				
12 49 23	057604	Spare length stop for 12 42 / 52 195, 12 72 190, 12 40 200				

KNIPEX MultiStrip 10

Automatic Insulation Stripper

- ▶ Stripping without re-adjustment from 0.03 to 10 mm² (only at constant temperatures)
- ▶ Recessed wire cutter
- ▶ Recommended for industrial use due to long-term process reliability

- > Fully automatic adjustment to fine-stranded conductors with standard insulation throughout the entire capacity range from 0.03 to 10 mm²
- > Universal blade geometry – robust and more durable
- > Clean cut of copper and aluminum conductors fine-stranded up to 10 mm² (AWG 8), solid up to 6 mm² (AWG 10)
- > No damage to the conductors
- > The clamping jaws made of steel hold the cable in a way that prevents slipping without damaging the remaining insulation
- > Particularly smooth-running mechanics and very low weight
- > Replaceable blades block and length stop
- > Handle with soft-plastic zone for a steady grip
- > Body: glass fibre reinforced plastic
- > Blade: special tool steel, oil-hardened



12 42 195



0.03 – 10 mm² / 32 – 8 AWG



Integrated cable cutter for up to 10 mm² fine-stranded cable, 6 mm² single-stranded cable



The incision depth of the stripping blade adjusts fully automatically to the diameter of the wire and to the thickness of all standard insulating materials.

Manual adjustments, often required when using other conventional pliers with a wide wire-stripping range, are no longer necessary.



Steel clamping jaws avoid slipping of the cable

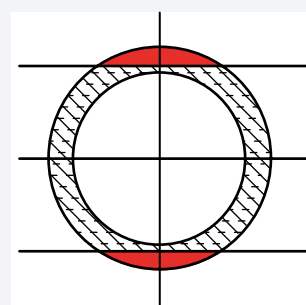


Precise stripping from 0.03 to 10 mm² without re-adjustment

Mode of operation of straight cutters

An incision is made in the red area only.

Not suitable for highly flexible or armoured insulation materials or for multi-layered insulation.



Part No.	EAN	↔ mm		Stripping capacities mm ²	AWG	⚖ g
12 42 195	054580	195	MM	0.03 – 10	32 – 8	136
12 49 21	057581	Spare blades block for 12 42 195 and 12 72 190				
12 49 23	057604	Spare length stop for 12 42 / 52 195, 12 72 190, 12 40 200				

KNIPEX PreciStrip16

PATENTED

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 due 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)
 - ▶ Additionally available: Blade block (12 49 32) for very hard halogen-free cables from 4 – 16 mm²
- > With adjustable length stop for precision work repeated accurately each time
 - > With cable cutter on top for copper and aluminum conductors, flexible up to 16 mm² (AWG 6), solid up to 6 mm² (AWG 10)
 - > Inscription area for customisation
 - > Comfortable operation with ergonomic dual-component handle
 - > With tether attachment point, suitable for KNIPEX Tethered Tools accessories
 - > Easily replaceable blade cassette



12 52 195



0.08 – 16 mm² / 28 – 6 AWG



Semi-circular grooved holding clamp for better grip that holds practically any insulation material securely in place



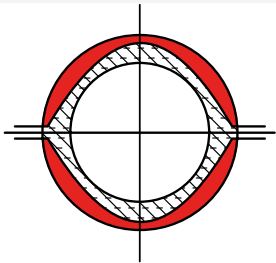
For special requirements, such as particularly hard or soft insulation materials, fine adjustments can be made using the adjusting wheel with its tactile locking positions



With cable cutter on top for copper and aluminum conductors, flexible up to 16 mm² (AWG 6), solid up to 6 mm² (AWG 10)

How parabolic blades work

The parabolic bulging blade pair (red) extensively encloses and cuts the insulation and is thus suitable for many flexible materials



Part No.	EAN	↔ mm	Stripping capacities mm ²	AWG	⚖ g
12 52 195	4003773-085829	190	0.08 – 16	28 – 6	180
12 49 32	086253	Spare blades block with special blades for 12 52 195			
12 49 31	086000	Spare blades block for 12 52 195			
12 49 23	057604	Spare length stop for 12 42 / 52 195, 12 72 190, 12 40 200			

KNIPEX ComStrip

Automatic Insulation Stripper

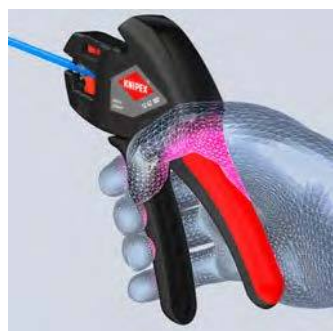
- ▶ Perfect entry-level model: Strips solid, multi-stranded and finely stranded conductors from 0.2 to 6 mm² with standard insulation without any need for manual adjustment
 - ▶ Fine adjustment enables precise setting of the cutting depth for special materials or temperature conditions
 - ▶ With cable cutter for solid conductors up to 2.5 mm², extended cutting capacity for finely stranded conductors up to 6 mm²
- > With adjustable length stop from 6 to 18 mm for consistently accurate stripping lengths
 - > Compact and handy tool with slim head for use in hard-to-reach work areas
 - > Low-effort work and maximum transmission of force due to ergonomic two-component handle with soft grip zone
 - > Robust and lightweight due to tool body made of glass fibre reinforced plastic
 - > Durable blades, can be replaced when worn
 - > Body: glass fibre reinforced plastic
 - > Blades: special tool steel, oil-hardened, interchangeable



12 62 180



0.2 – 6.0 mm² / 24 – 10 AWG



Ergonomically shaped handles made of glass fibre reinforced plastic



Integrated cable cutter



Adjustable length stop, with scale



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



Part No.	EAN	↔ mm		Stripping capacities mm ²	AWG	△ g
12 62 180	054573	165	MM	0.2 – 6	24 – 10	151
12 69 21	060093	1 pair of spare blades for 12 62 180				
12 69 23	067115	Spare length stop for 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
- > Quick, precise square crimp of single wire ferrules according to DIN 46228 parts 1+4, self-adjusts for sizes 0.25–4 mm² / 2 x 2.5 mm² – allows for quick crimping between different sizes
 - > Repetitive, high crimping quality due to ratcheting mechanism with a complete crimping cycle
 - > Stripping with fine adjustment – for optimal adjustment to special materials or temperature conditions for flexible and solid conductors between 0.03 and 10 mm² (AWG 32–8)
 - > Clean cut of copper and aluminum conductors fine-stranded up to 10 mm² (AWG 8), solid up to 6 mm² (AWG 10)
 - > High-quality housing made of glass fibre reinforced plastic
 - > For the electrical trade: for domestic installations and wiring of electronical devices, such as PLC (programmable logic controller)



12 72 190



2 x 2.5 mm²

4 mm²

2.5 mm²

0.5 mm²

0.25 mm²



The positive lock always ensures the perfect contact pressure



With cable cutter for copper and aluminium wires, multiple stranded up to 10 mm² and single stranded up to 6 mm²



Automatic stripping up to 10 mm²



Square crimping die for wire ferrules of 0.25–4 mm² / 2 x 2.5 mm²



The fine adjustment enables reliable stripping even under special operating conditions (special insulating materials or extreme temperatures)

Part No.	EAN 4003773-	↔ mm	Stripping capacities mm ²	AWG	⚖ g
12 72 190	088165	190	0.03 – 10	32 – 8	170
12 49 21	057581	Spare blades block for 12 42 195 and 12 72 190			
12 49 23	057604	Spare length stop for 12 42 / 52 195, 12 72 190, 12 40 200			

Automatic Insulation Stripper for flat cable

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

- > Suitable for e.g. Twin & Earth or NM-B cables
- > Cable can be pushed through, therefore also suitable for long stripping distances
- > Low-effort work and maximum transmission of force due to ergonomic two-component handle with soft grip zone
- > Effort-saving due to smooth-running mechanism
- > Robust and lightweight due to tool body made of glass fibre reinforced plastic
- > Body: glass fibre reinforced plastic
- > Blade: special tool steel, oil-hardened



12 64 180



Long stripping lengths possible



Interchangeable blades

Part No.	EAN 4003773-	↔ mm		Stripping capacities mm²	AWG	⚖ g
12 64 180	073284	180	MM	0.75 – 2.5	18 – 14	125
12 64 180 E01	092674	Set of spare blades for 12 64 180 (models from 2025)				

Automatic Stripping Pliers

- ▶ For stripping flexible supply and extension cables, control and sensor/actuator cables
- ▶ Automatic adjustment to cables from Ø 4.4 mm to 7.5 mm, no damage to the conductors or the shielding braid
- ▶ Quick blade change when worn due to maintenance-friendly blade unit

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



12 74 180



Complex cutter design for precise and damage-free stripping of round cables



Ergonomically shaped handles made of glass fibre reinforced plastic

Part No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	⚖ g
12 74 180	092667	175	MM	4.4 – 7.5	145
12 74 180 E01	092681	Set of spare blades for 12 74 180 (models from 2025)			

Precision Insulation Strippers

with adapted blades

- > Form-fit stripping of difficult-to-remove insulating materials made of PTFE, silicone, Radox®, Kapton® and rubber; multi-layer too
- > A second pair of blades holds the remaining insulation reliably in place
- > Replaceable shaped blade adapted precisely to the respective conductor cross-section
- > With length stop for constant stripping length during repetitive work
- > Blade: special tool steel, oil-hardened
- > Pliers body: steel

12 12 02

- > With additional cable guide for exact positioning of the cable in the stripping area of the blade

12 12 11 / 12 12 12 for photovoltaics

- > Specially adapted to multilayer and Radox® insulation
- > With additional cable support for a better centring of multi-layer insulated conductors in the stripping profiles

12 12 13 / 12 12 14

- > Especially for cables in accordance with the American specification (AWG)



12 12 02



12 12 11



12 12 13



Precise cutting of the insulation to a complete extent



Positive stripping due to precise shape of the blades



12 12 02 with cable guide and length stop

Maximum cable cross-section (in mm²) per profile:



12 19 02



12 19 06



12 19 10



12 19 11



12 19 12



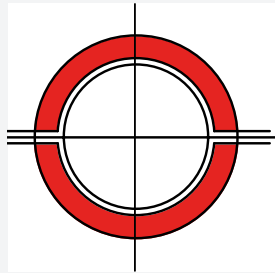
12 19 13



12 19 14

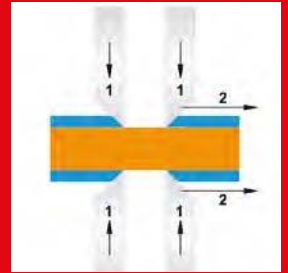
Principle of operation with adapted blades

Properly and precise stripping with an annular cut through the complete insulation. This is particularly important with conductors, which must be stripped precisely. This works without any problem even with difficult insulating materials made of PTFE, Radox® and multilayer insulations.



Precisely and reliably

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



Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Stripping capacities mm²	AWG	⚖ g
12 12 02	048077	195	MM	burnished	with multi-component handles	0.14 / 0.38 / 0.57 / 1 / 1.5 / 2.08		447
12 12 06	049005	195				0.75 / 1.5 / 2.5 / 4 / 6		445
12 12 10	049012	195				2.5 / 4 / 6 / 10		445
12 12 11	062998	195	MM	burnished	with multi-component handles	1.5 / 2.5 / 4 / 6	16 / 14 / 12 / 10	449
12 12 12	073758	195				4 / 6 / 10		450
12 12 13	077534	195	MM	burnished	with multi-component handles		20 / 18 / 16 / 14 / 12 / 10	450
12 12 14	077541	195					26 / 24 / 22 / 20 / 18 / 16	450
12 19 02	049036	1 set of spare blades for 12 12 02						
12 19 06	049043	1 set of spare blades for 12 12 06						
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						

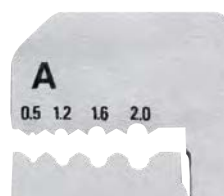
Insulation Strippers

with adapted blades

- > With replaceable blades for 4 (adapted to diameters) or 6 (adapted to cross-sections) different conductor cross-sections
- > Leave wire undamaged due to precision-ground blade shapes, even multi-stranded conductors are stripped gently
- > During stripping, the wire is held firmly by clamping jaws
- > With length stop for constant stripping length during repetitive work
- > A spring leads the stripper back to the starting position
- > Blade: special tool steel, oil-hardened
- > Pliers body: aluminium



12 21 180



12 11 180: wire diameter in mm



12 21 180: wire cross-sections in mm²

Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Stripping capacities			⚖ g
						Ø mm	mm²	AWG	
12 11 180	000792	180	MM	black lacquered	with plastic grips	0.5 / 1.2 / 1.6 / 2.0			357
12 21 180	000815	180					0.5 – 0.75 / 1 / 1.5 / 2.5 / 4 / 6	20 – 18 / 16 / 14 / 12 / 10	355
12 19 180	022145	1 pair of spare blades for 12 11 180							
12 29 180	022152	1 pair of spare blades for 12 21 180							

Insulation Strippers

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

11 06 160 T*

- > Pliers with integrated tether attachment point for a tool tether



11 01 160



11 02 160



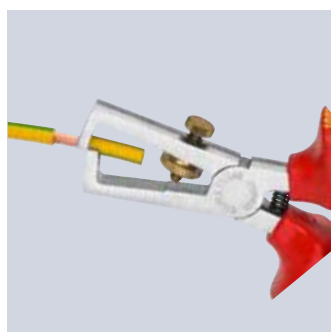
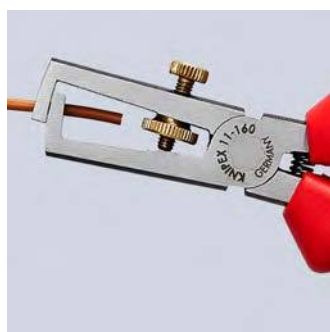
11 05 160



11 06 160 T



11 12 160



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities		AWG	Δ _g
							Ø mm	mm ²		
11 01 160	033868	160		black atramentized	polished	with plastic coating	5	10	8	131
11 02 160	023180	160		black atramentized	polished	with multi-component handles	5	10	8	165
11 05 160	039570	160		chrome-plated	chrome-plated	with multi-component handles	5	10	8	170
11 06 160	021933	160	⚡ 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	5	10	8	180
11 06 160 T	081418	160	⚡ 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	5	10	8	180
11 12 160	034964	160		black atramentized	polished	with multi-component handles	5	10	8	156
11 09 01	052326	Set of spare parts (screw and nut) for 11 XX 160								

KNIPEX StriX®

PATENTED

Insulation strippers with cable shears

► Two essential electrical installation tools in one pair of pliers

- > Integrated cable shears for the clean cutting of Cu- and Al-cables without crushing up to Ø 15 mm (5 x 2,5 mm²)
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 57 HRC
- > Universal adjustment of the stripping blades by means of a knurled screw
- > Slim dimensions for easy access
- > Stripping of single-, multi- and fine stranded conductors with plastic or rubber insulation up to Ø 5 mm or 10 mm² cross-section
- > Graduated jaw provides a visual orientation aid when stripping wire in standard lengths (11 mm and 16 mm)
- > High-grade special tool steel, forged, multi stage oil-hardened

13 66 180 T*

- > Pliers with integrated tether attachment point for a tool tether



13 62 180



13 66 180



13 66 180 T



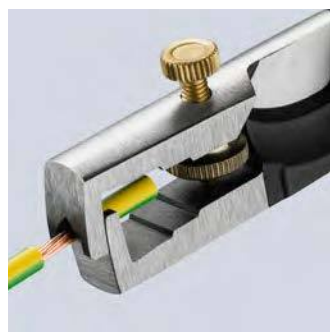
Length mark: Profiling on the inner side helps when stripping wire in standard lengths (11 mm and 16 mm)



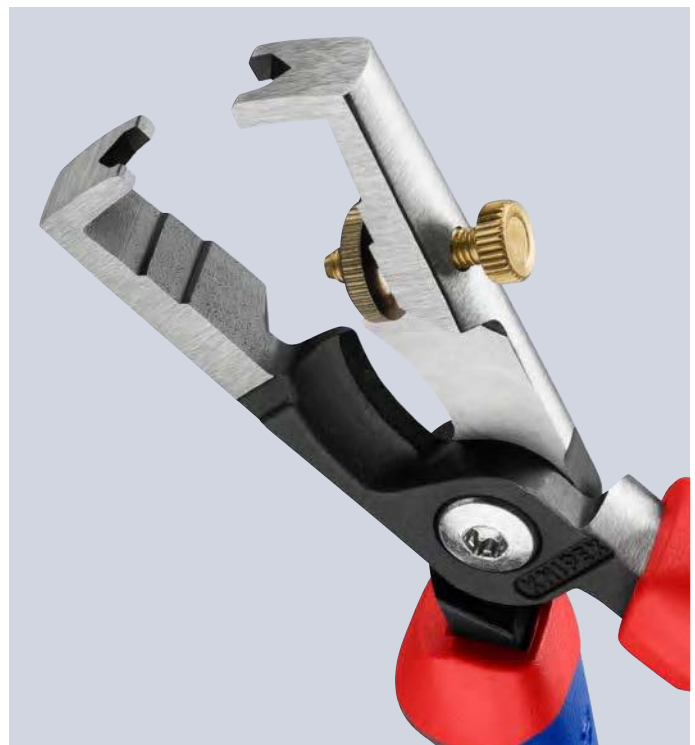
Induction-hardened precision cutter



Induction-hardened shear blade with precisely ground cutting edges for crush-free cutting of copper and aluminium cables of up to Ø 15 mm (5 x 2.5 mm²)



Lock nut prevents any unintentional adjustment



Part No.	EAN	↔ mm		Pliers	Handles	Stripping capacities		AWG	Δ g
	4003773-					Ø mm	mm ²		
13 62 180	081302	180		black atramentized	with comfort handles	5	10	8	200
13 66 180	081319	180	⚡ 1000 V	chrome-plated	insulated with multi-component grips, VDE-tested	5	10	8	213
13 66 180 T	081906	180	⚡ 1000 V	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	5	10	8	216
11 09 01	052326	Set of spare parts (screw and nut) for 11 XX 160							

Insulation Strippers

- > For stripping thin cables
- > Precise stripping prism matched to diameter of wire, non-adjustable
- > With opening spring
- > Chrome vanadium electric steel, forged, oil-hardened



15 51 160



15 61 160



15 81 160

Part No.	EAN 4003773-	↔ mm		Head	Handles	Stripping capacities Ø mm	Δ g
15 51 160	044451	160	MM	polished	with plastic coating	0.5	101
15 61 160	014843	160				0.6	102
15 81 160	015574	160				0.8	102

Mini Wire Strippers

- > Precise stripping, stepwise adjustment to the conductor diameters
- > With wire cutter
- > Adjustable length stop from 4.0–15.0 mm
- > With locking device
- > Housing: plastic, impact-proof

12 80 040 SB

- > For thin copper conductors Ø 0.12 to 0.4 mm

12 80 100 SB

- > For thin copper conductors Ø 0.3 to 1.0 mm



12 80 100 SB



Part No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	AWG	Δ g
12 80 040 SB	071655	100	MM	0.12 – 0.4	36 – 26	35
12 80 100 SB	043119	100		0.3 – 1.0	28 – 18	34

Wire Stripper for fibre optics

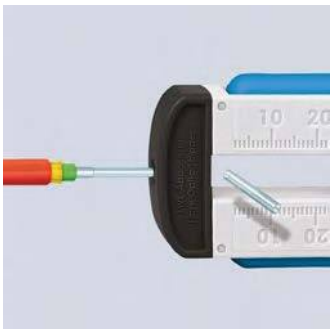
- > To remove primary and secondary coating of fibre optics
- > Special quality chrome vanadium electric steel, oil-hardened



Part No.	EAN	↔ mm	Pliers	Handles	Stripping capacities Ø mm	⚖ g
12 82 130 SB	4003773-050094	130	burnished	with multi-component handles	primary-coating: 0.125 mm; secondary-coating: 0.250 mm	75

Stripping Tool for fibre optics cable

- > To remove primary coating of fibre optics with Ø 0.125 mm
- > Blade Ø 0.16 mm, hole for cable feed Ø 0.35 mm
- > Adjustable length stop for 5–45 mm
- > Housing: plastic, impact-proof



Part No.	EAN	↔ mm	Stripping capacities Ø mm	⚖ g
12 85 110 SB	4003773-087878	190	primary-coating 0.125 mm	83

KNIPEX ErgoStrip®

PATENTED

Universal Stripping Tool

- ▶ For fast and precise stripping of all common round and damp-proof installation cables (e.g. NYM cable 3 x 1.5 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 locking device
 - > Easy insertion of coax and data cable due to opening aid
 - > Multi-component design with a soft plastic zone for comfortable use and a secure grip
 - > Housing made from stable glass fibre reinforced plastic



16 95 01 SB



16 95 02 SB



16 95 02 SB

- > For left-handers



Stripping of a coax cable



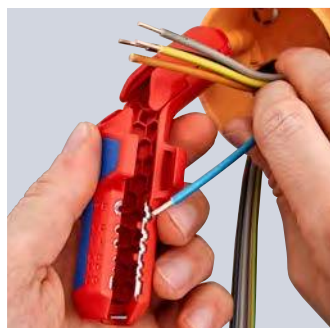
Stripping of a NYM cable



Stripping of a data cable



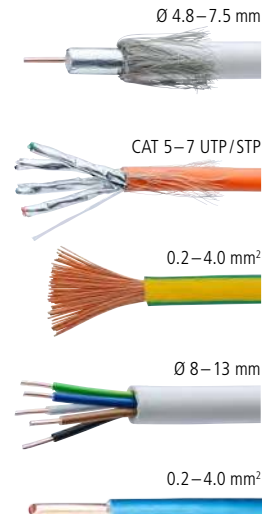
Stripping of a coax cable



Wire stripping on single conductors



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



Part No.	EAN 4003773-	↔ mm		Round cable Ø mm	Conductors and wires mm²	Stripping capacities		Coax cable Ø mm	 g
						Data cables			
16 95 01 SB	079927	135		8.0 – 13.0	0.2 – 4	CAT 5–7, Twisted Pair (UTP/STP)		4.8 – 7.5	75
16 95 02 SB	082910	135		8.0 – 13.0	0.2 – 4	CAT 5–7, Twisted Pair (UTP/STP)		4.8 – 7.5	75

KNIPEX ErgoStrip® PV

PATENTED

Stripping Tool

- ▶ For fast and precise stripping of PV cables with 4 and 6 mm² (e. g. H1Z2Z2-K) and all common round and damp-proof installation cables (e.g. NYM cable 3 x 1.5 mm² up to 5 x 2,5 mm²)
- ▶ Innovative, ergonomic pistol grip design for easy cutting, stripping and longitudinal cut of the sheath
- ▶ Length stop for PV cables: adjustable from 6–18 mm for repetitive stripping lengths, suitable for all standard solar connectors

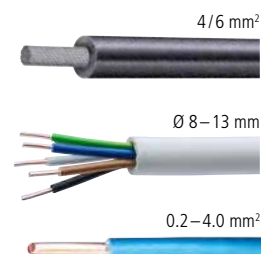
- > Conical, slimmed down tool ends for better access in confined areas
- > Wire stripping mechanism for PVC single conductors (e. g. H07V-K) with cross sections 0.2 / 0.3 / 0.8 / 1.5 / 2.5 / 4 mm²
- > Simplified insertion of single wires for stripping using location ridges
- > With opening spring and locking device
- > Multi-component design with a soft plastic zone for comfortable use and a secure grip
- > Housing made from stable glass fibre reinforced plastic



16 95 03 SB



Stripping of even tough PV cables



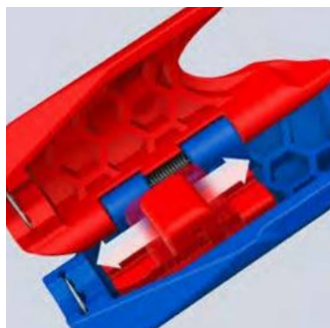
Stripping of a PV cable



Stripping of a NYM cable



Wire stripping on single conductors



Adjustable length stop, with scale



Innovative, ergonomic pistol grip design for easy cutting, stripping and longitudinal cut of the sheath

Part No.	EAN	↔ mm		Stripping capacities			⚖ g
				Round cable Ø mm	PV cable mm ²	Conductors and wires mm ²	
16 95 03 SB	092605	135	MM	8.0 – 13.0	4/6	0.2 – 4	65

Universal Stripping Tools

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

16 85 125 SB

- > With additional blade for longitudinal cuts; telescopic blade inside; stripping device for cross-sections 0.2 / 0.3 / 0.8 / 1.5 / 2.5 / 4 mm²; with integrated cable guide for longitudinal cut. This enables rigid insulation (e.g. halogen-free) to be stripped more easily.



16 80 125 SB



16 85 125 SB



Part No.	EAN 4003773-	↔ mm		Stripping capacities		Cable types	△ g
				Ø mm	mm ²		
16 80 125 SB	040828	125	MM	8.0 – 13.0		round cable, e.g.: 3 x 1.5 mm ² up to 5 x 2.5 mm ²	75
16 85 125 SB	060444	125	MM	8.0 – 13.0	0.2 – 4	round cable, e.g.: 3 x 1.5 mm ² up to 5 x 2.5 mm ²	79

Universal Stripping Tool for building and industrial cables

- > With opening spring and locking device
- > For stripping all common round and damp-proof installation cables between Ø 8.0 – 13.0 mm (e.g. 3 x 1.5 mm² up to 5 x 2.5 mm²)
- > Also for use in conduit and distribution boxes
- > Body: glass fibre reinforced plastic
- > For use in confined and difficult to access work areas
- > Especially suitable for larger cross-sections and for difficult insulating materials
- > No adjustment of blades to cutting depth required
- > Stripping device for conductors and strands 1.5 mm² and 2.5 mm²
- > Two-way length stop (ideal for right and left-handers)
- > Fastening device on the end of the handle (drop protection system)



16 90 130 SB



Part No.	EAN 4003773-	↔ mm		Stripping capacities		Cable types	△ g
				Ø mm	mm ²		
16 90 130 SB	076940	130	MM	8.0 – 13.0	1.5 / 2.5	round cable, e.g.: 3 x 1.5 mm ² up to 5 x 2.5 mm ²	47

Depth Stripping Tool

► Long, ergonomic design for work in deep connector sockets

- > Suitable for stripping all common round and wet room cables from Ø 8.0 up to 13.0 mm (e. g. NYM cables 3 x 1.5 mm² to 5 x 2.5 mm²)
- > Double shell, folding back stripping tool
- > With opening spring and locking device
- > The quadruple blade arrangement reduces the amount of force required and increases cutting precision
- > Firm grip due to anti-slip surface
- > Length scale for precise stripping
- > Inscription area for customisation
- > No adjustment of blades to cutting depth required



16 80 175 SB



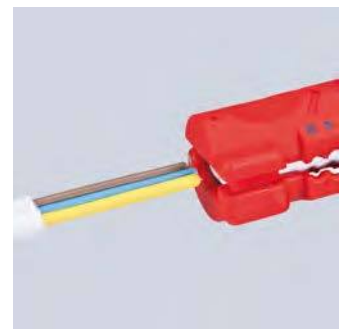
Part No.	EAN	↔ mm	Stripping capacities	Δ g
	4003773-	mm	Ø mm	g
16 80 175 SB	084129	175	8.0 – 13.0	90

Stripping Tool for flat and round cable

- > For flat cables up to 12 mm in width
- > For stripping all common round and damp-proof installation cables Ø 4.0 to 13.0 mm (e.g. NYM cable 3 x 1.5 mm² up to 5 x 2.5 mm²)
- > Stripping device for cross-sections 0.8 / 1.5 / 2.5 mm² (AWG 20 / 16 / 14)
- > With opening spring and locking device
- > For use in confined and difficult to access work areas
- > Also for use in conduit and distribution boxes
- > Body: glass fibre reinforced plastic



16 64 125 SB



Part No.	EAN	↔ mm	Stripping capacities		Cable types	Δ g
	4003773-	mm	Ø mm	mm²		g
16 64 125 SB	076933	125	4.0 – 13.0	0.8 – 2.5	flat cable 12 mm / round cable Ø 4 – 13 mm, e.g.: 3 x 1.5 mm² up to 5 x 2.5 mm²	48

Stripping Tool for data cable

- > For stripping UTP and STP data cables with Ø 4.5 to 10.0 mm
- > Stripping device for cross-sections 0.2 / 0.3 / 0.8 / 1.5 / 2.5 / 4 mm²
- > Double shell, folding back stripping tool
- > With opening spring and locking device
- > Practical clip for easy transport
- > Body: glass fibre reinforced plastic
- > Blades: special tool steel, oil-hardened, TiN-coated



16 65 125 SB



Part No.	EAN	↔ mm		Stripping capacities		Cable types	⚖ g
				Ø mm	mm²		
16 65 125 SB	4003773-043157	125	W	4.5 – 10.0	0.2 – 4	CAT 5, CAT 6, CAT 7, Twisted Pair (UTP/STP)	50

Stripping Tool for coax cable

- > For stripping all common coax cables between Ø 4.8–7.5 mm (e.g. for TV- and satellite antenna), also suitable for PVC round cable 3 x 0.75 mm²
- > With length scale 5.0–20.0 mm
- > Double shell, folding back stripping tool
- > With opening spring and locking device
- > Body: glass fibre reinforced plastic



16 60 100 SB



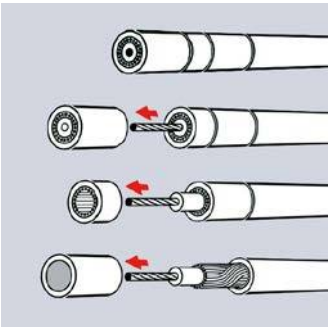
Part No.	EAN 4003773-	↔ mm	Stripping capacities Ø mm	⚖ g
16 60 100 SB	040811	100	Coax cables 4.8—7.5 round cables 3 x 0.75 mm ²	22

Stripping Tool for coax cable

- > For stripping coax cables (RG 58, RG 59 and RG 62)
- > For stripping outer sheath, shield and insulation in a single process
- > With three built-in blades
- > The cutting depth of each blade can be adjusted individually by means of a hexagonal key (Allen key)
- > The blade spacing remains constant
- > Housing: plastic, impact-proof



16 60 05 SB



Stripping of a Coax cable in three steps



Part No.	EAN	↔ mm		Cable type	⚖ g
16 60 05 SB	4003773-044888	105	MM	RG 58, RG 59 + RG 62	75

Wire Stripping Tool for coax and data cable

- > 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 cable
- > Two stripping blades for cutting and stripping telephone ribbon cable (4P/6P/8P) in a single operation
- > Integrated blade for cutting data cables
- > Housing: plastic, impact-proof



16 60 06 SB



Part No.	EAN	↔ mm		Cable type	⚖ g
16 60 06 SB	4003773-077961	125	MM	RG 59, RG 6, RG 7, RG 11	100

Stripping Tools

with scalpel blade

- > For stripping all common round cables
- > 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
- > Housing: plastic, impact-proof

16 20 165 SB

- > With knife and hook blade, protective cap included



16 20 16 SB



16 20 165 SB



Part No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	⚖ g
16 20 16 SB	060451	130	MM	4.0 – 16.0	70
16 20 28 SB	060468	130		8.0 – 28.0	95
16 20 165 SB	043133	165	MM	8.0 – 28.0	85
16 29 165	043140	Spare blade for 16 20 16 SB / 16 20 28 SB / 16 20 165 SB			

Stripping Tool

for spiral cutting

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



16 30 145 SB



Setting the tool for circular cut



Longitudinal cut



Spiral cutting

Part No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	⚖ g
16 30 135 SB	033349	135	MM	6.0 – 29.0	120
16 30 135 SB	081029	150	MM	19.0 – 40.0	140
16 39 135	027317	Spare blade for 16 30 135 SB / 16 30 145 SB			

Stripping Tool

- > For dismantling round cables exceeding Ø 25.0 mm
- > Removes all sheaths of standard cables
- > Suitable for longitudinal and circular cutting
- > Cutting depth can be adjusted up to 5.0 mm
- > Replaceable blade (both sides can be used)
- > Tool body: glass fibre reinforced plastic



16 40 150



Adjustable cutting depth



Setting the tool for longitudinal cut



Longitudinal cut



Turning the tool for circumferential cut



Circular cut

Part No.	EAN	↔ mm	Stripping capacities mm	⚖ g
16 40 150	4003773-026709	150	Ø > 25 mm	210
16 49 150	026716	Spare blade for 16 40 150		

Cable Knives

- > Ergonomically designed handle shape with comfortable slip guard
- > Particularly confident grip due to slip-proof soft components
- > Thumb recess and "finger hook" at the end of the handle ensure a good transmission of force when the blade is pulled
- > Solid, fixed straight blade
- > Transparent protective cap
- > Blade: special tool steel, oil-hardened
- > DIN EN 60900
- > IEC 60900

98 54

- > Back of the blade plastic coated to avoid short circuits



98 52



98 54

Part No.	EAN	↔ mm	Handle	Blade length mm	⚖ g
98 52	035565	190	1000 V  insulating multi-component handle, VDE-tested	50.0	112
98 54	026563	190	1000 V  insulating multi-component handle, VDE-tested	50.0	65

Stripping Knife

- > Ergonomically designed handle shape with comfortable slip guard
- > Particularly confident grip due to slip-proof soft components
- > Thumb recess and "finger hook" at the end of the handle ensure a good transmission of force when the blade is pulled
- > Transparent protective cap
- > DIN EN 60900
- > IEC 60900

98 53 03

- > Solid, fixed hook blade
- > Suitable for round cables
- > Blade: special tool steel, oil-hardened

98 53 13

- > Narrow, fixed hook blade, sickle shaped
- > Suitable for sector cables
- > Blade: special tool steel, oil-hardened

98 55

- > Solid, fixed hook blade, sickle shaped
- > With guide shoe at the blade point
- > No damage of the conductor insulation
- > Blade: surgical steel, stainless, vacuum-hardened



98 53 03



98 53 13



98 55



Part No.	EAN 4003773-	↔ mm		Handle	Blade length mm	Radius mm	⚖ g
98 53 03	026549	170	⚡ 1000 V	insulated with multi-component grips, VDE-tested	28.0	7.0	64
98 53 13	026556	190	⚡ 1000 V	insulated with multi-component grips, VDE-tested	50.0	40.0	64
98 55	022558	180	⚡ 1000 V	insulated with multi-component grips, VDE-tested	38.0	23.5	77

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



16 20 50 SB



Easy opening due 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

Part No.	EAN 4003773-	↔ mm	Blade length mm	⚖ g
16 20 50 SB	082705	120	80	85

Stripping Knife

with guide shoe and ratchet function

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

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



16 50 145 SB



Four locking positions

- 1 Transport position
- 2 Cutting position for round cut
- 3 Cutting position for round and lengthwise cut
- 4 Cutting position for lengthwise cut with ratchet



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



Part No.	EAN 4003773-	↔ mm	Blade length mm	⚖ g
16 50 145 SB	089902	146	45	120
16 50 145 E01	089919	Spare blade with guide shoe for 16 50 145		
16 50 145 E02	089926	Replacement latch for 16 50 145		

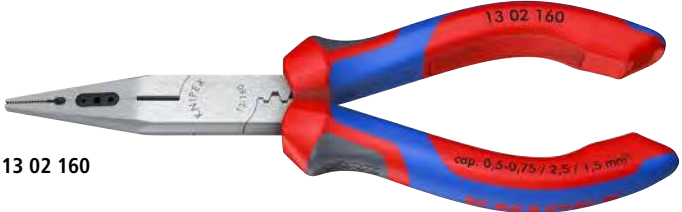
Electricians' Pliers

- ▶ The ideal pliers for cable work
- ▶ Suitable for cutting, bending, gripping, crimping and stripping

- > For gripping and bending wire
- > For cutting medium hard and hard wire
- > Precision cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC
- > With precision stripping holes
- > For crimping wire ferrules
- > Vanadium electric steel, forged, multi stage oil-hardened

13 02 160 / 13 05 160

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



Gripping



Cutting Edges



Stripping 0.5–0.75 / 1.5 / 2.5 mm²



Crimping 0.5 to 2.5 mm²



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		
							● Ø mm	● Ø mm	⚖ g
13 01 160	034971	160		black atramentized	polished	with plastic coating	2.5	1.6	112
13 02 160	010470	160		black atramentized	polished	with comfort handles	2.5	1.6	139
13 05 160	071426	160		chrome-plated	chrome-plated	with comfort handles	2.5	1.6	139

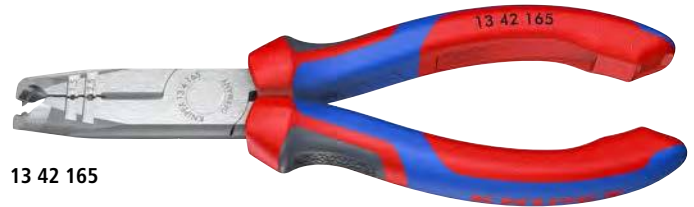
Stripping Pliers

- ▶ 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)
- ▶ Simplified access especially into deep mounted junction boxes due to slim head design and optimally angled cable sheath cutter
- ▶ Strip cables easily and without damage due to circular cutting edge with depth limiter

- > Suitable for universal use: precision wire stripping holes for conductors from 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
- > 30% lighter than comparable pliers
- > Vanadium electric steel, forged, multi stage oil-hardened

13 42 165

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



13 42 165



13 46 165



Cutting of cables of up to Ø 13 mm



Wire stripping holes for 1.5 and 2.5 mm² conductors



Stripping deep down in a flush-mounted junction box



Cutting when shortening single conductors

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities Ø mm	Stripping capacities mm ²	⌀ mm	⌀ mm	Δ g
13 42 165	079675	165		black atramentized	polished	with comfort handles	8.0 – 13.0	0.75 – 1.5 / 2.5	3.2	2.2	176
13 46 165	079699	165		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	8.0 – 13.0	0.75 – 1.5 / 2.5	3.2	2.2	190

Pliers for Electrical Installation

PATENTED

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

- > Smooth surfaces near the tips grip single cores without damaging them; serrated gripping surfaces and pipe grip for gripping flat and round material
- > Clear-cut outside edge on the gripping surfaces for working on flush-mounted junction boxes and deburring feed-through holes
- > Stripping holes for conductors of 0.75–1.5 mm² and 2.5 mm²
- > Crimping die for wire ferrules 0.5–2.5 mm²
- > Cable shears with (induction-hardened) precision cutting edges for copper and aluminium cables up to 5 x 2.5 mm² / Ø 15 mm
- > Slim dimensions for easy access
- > Bolted joint: precise, zero backlash operation of pliers
- > High-grade special tool steel, forged, multi stage oil-hardened

13 82 200 / 13 92 200

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

13 91 200 / 13 92 200 / 13 96 200

- > In case of models with opening spring integrated in the joint, the activated locking lever keeps the cutting edges closed while other functions remain active; the intelligent latching mechanism enables you to "grip" without opening the pliers. The cutting edge remains closed and protected

13 96 200 T*

- > Pliers with integrated tether attachment point for a tool tether



13 81 200



13 82 200



13 86 200



13 91 200



13 92 200



13 96 200



Smooth gripping surface

for non-damaging gripping, flattening and bending (to form wire loops)

Profiled gripping surface

to protect the workpiece, flattened for stronger yet gentle gripping

Universal crimping die

for wire ferrules from 0.5 to 2.5 mm²

Clear-cut outside edge

for deburring and widening holes

Pipe grip

for round parts and cables

Stripping

of copper conductors from 0.75 to 1.5 and 2.5 mm²

Cable shears

to cut copper cables up to Ø 15 mm (5 x 2.5 mm²)

13 91 200 / 13 92 200 / 13 96 200

On the models with an integrated opening spring, the locking device keeps the cutting edges closed when activated while gripping, stripping and crimping are still possible

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Stripping capacities for single strands mm ²	Crimping capacities mm ²	ΔΔ g
							Ø mm	mm ²			
13 81 200	075240	200		black atramentized	polished	with plastic coating	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	236
13 82 200	075080	200		black atramentized	polished	with comfort handles	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	266
13 86 200	075097	200	 	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	272
13 91 200	075257	200	 	black atramentized	polished	with plastic coating	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	236
13 92 200	075103	200	 	black atramentized	polished	with comfort handles	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	266
13 96 200	075110	200	 	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	276
13 96 200 T	081425	200	 	chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	280

KNIPEX WireStripper

PATENTED

Multifunction Electrician Pliers American style

- ▶ Strip faster: precise positioning of the wire due to location ridges
 - ▶ Innovative cutting edge geometry, particularly powerful cutting edges: 50% higher cutting capacity and 25% less cutting effort compared to standard wire strippers
 - ▶ Fast, burr-free cutting of threaded rods and screws of UNC 6–32 and 8–32 up to class 4.6
- > Precisely ground: Stripping profiles for conductors from 18–10 AWG (solid) and 20–12 AWG (finely stranded)
 - > Easy cutting of copper and aluminium cables up to Ø 15 mm (1/2")
 - > Multifunctional gripping surfaces for reliable gripping, holding and bending of flat and round material as well as for twisting wires
 - > High stability and good accessibility due to hybrid tips on the pliers head, which are flat and wide
 - > Convenient: comfortable opening width and ergonomic handle shape, integrated opening spring makes frequent cutting easier
 - > Ideal for right- and left-handed users: locking device can be operated from either side
 - > Clear-cut outside edges on the jaws for deburring plastic pipes
 - > High-grade special tool steel, forged, multi stage oil-hardened



13 71 8



13 72 8



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Stripping capacities		⚖ g
							Ø mm	mm ²	AWG SLD mm ²	AWG STRD mm ²	
13 71 8	086673	200		black atramentized	polished	with plastic coating	15.0	50	18 – 10	20 – 12	257
13 72 8	086680	200		black atramentized	polished	with comfort handles	15.0	50	18 – 10	20 – 12	285

Cross-serrated gripping surface

for reliable gripping, holding and bending of flat and round material

Milled groove

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

Special convex contour

on one side of the gripping surfaces for secure gripping of flat parts

Locating ridges

for faster stripping through accurate positioning of the conductor

Hybrid design

as flat as needle-nose pliers, as wide as combination pliers for high stability with good accessibility

Outer edges

for deburring pipes made of plastic or aluminium

Pipe gripping area

specially for round material

Precision stripping holes

of solid conductors from 18–10 AWG and fine-stranded conductors from 20–12 AWG

Cable shears

for easier cutting, especially of flat cables

Screw cutter

for fast, burr-free cutting of threaded rods and screws of UNC 6–32 and 8–32 up to class 4.6, no screwing in required!

Integrated opening spring

facilitates frequent stripping and cutting

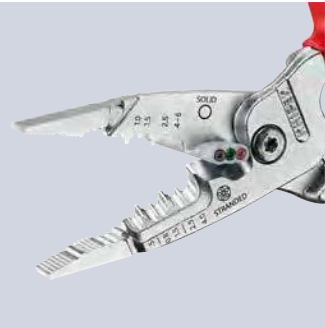
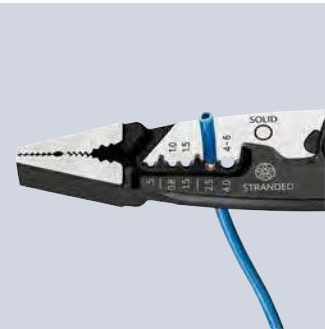


KNIPEX WireStripper

Multifunction Electrician Pliers Metric version

- ▶ Clever stripping: large capacity range, sharply ground stripping profiles and intuitive positioning
 - ▶ Innovative cutting geometry: easier cutting, especially of flat cables
 - ▶ Hybrid design: as flat as needle-nose pliers, as wide as combination pliers for high stability with good accessibility
- > Precisely ground stripping profiles for solid conductors from 0.75–6 mm² and fine-stranded conductors from 0.5–4 mm²
 - > Precise positioning of the wire due to location ridges
 - > Easy cutting of copper and aluminium cables up to Ø 15 mm (1/2")
 - > Wide, cross-hatched gripping surfaces for twisting wires
 - > Milled groove for secure holding and pulling of small work pieces such as nails
 - > Convex gripping surface on one side for secure gripping of flat material and gripping area for round material
 - > Outer edges for deburring pipes
 - > High-grade special tool steel, forged, multi stage oil-hardened

PATENTED



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Stripping capacities (solid / fine-stranded) mm²	Δ g
							Ø mm	mm²		
13 72 200 ME	088936	200		black atramentized	polished	with comfort handles	15.0	50	0.75 – 6 / 0.5 – 4	296
13 76 200 ME	088943	200	 	chrome- plated	chrome- plated	insulated with multi-component grips, VDE-tested	15.0	50	0.5 – 4 / 0.75 – 6	290

Cross-serrated gripping surface

for reliable gripping, holding and bending of flat and round material

Milled groove

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

Special convex contour

on one side of the gripping surfaces for secure gripping of flat parts

Locating ridges

for faster stripping through accurate positioning of the conductor

Hybrid design

as flat as needle-nose pliers, as wide as combination pliers for high stability with good accessibility

Outer edges

for deburring pipes made of plastic or aluminium

Pipe gripping area

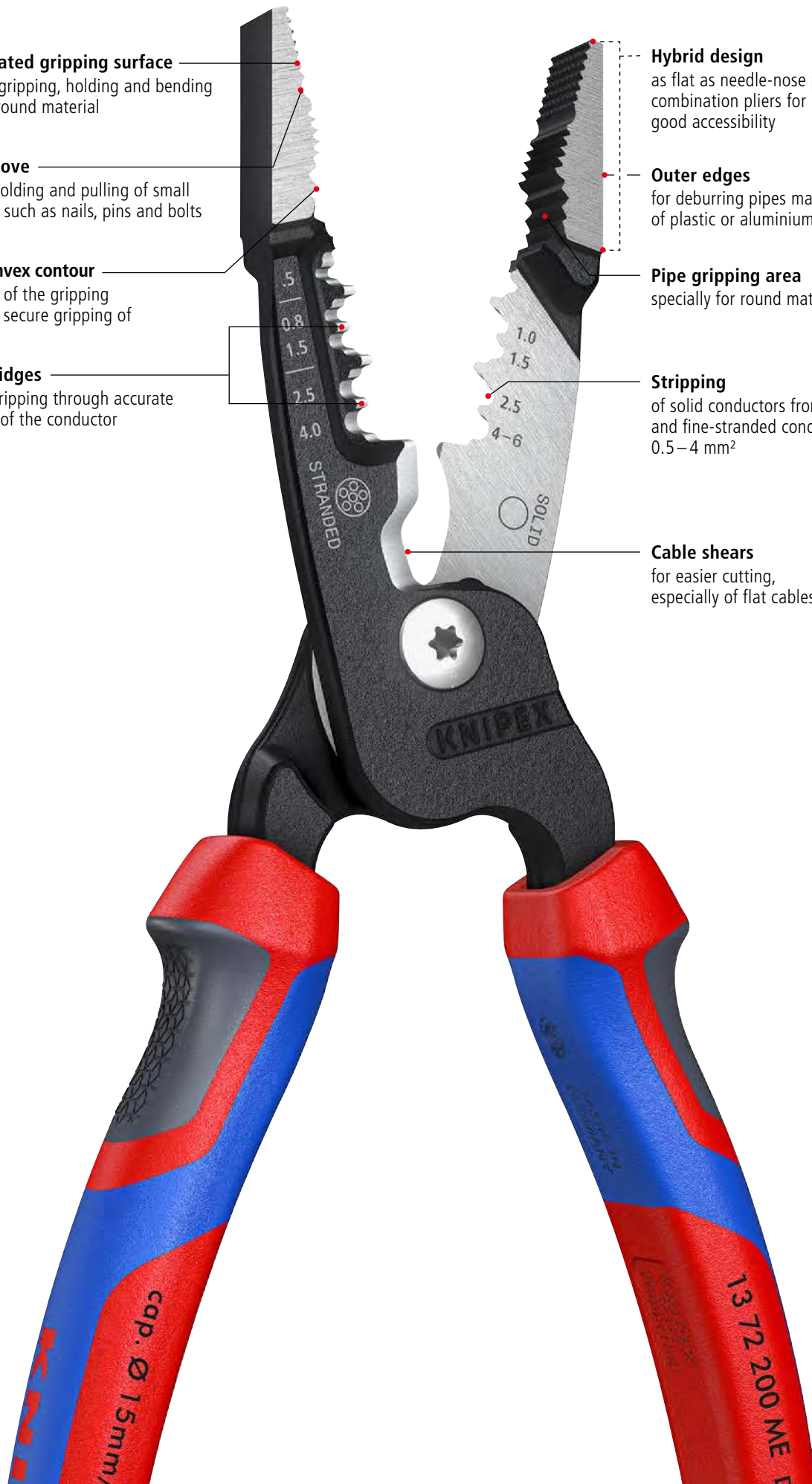
specially for round material

Stripping

of solid conductors from 0.75–6 mm² and fine-stranded conductors from 0.5–4 mm²

Cable shears

for easier cutting, especially of flat cables



Diagonal Insulation Strippers

- ▶ With long cutter
- ▶ High cutting capacity due to high leverage joint

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

14 22 160 / 14 25 160

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



14 22 160



14 25 160



14 26 160



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities mm ²	AWG	Cutting capacities		
									⊙ mm	⊙ mm	Δ g
14 22 160	034988	160		black atramentized	polished	with comfort handles	1.5 / 2.5	16 / 14	2.5	1.5	206
14 25 160	028697	160		chrome-plated	chrome-plated	with comfort handles	1.5 / 2.5	16 / 14	2.5	1.5	224
14 26 160	040279	160		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	1.5 / 2.5	16 / 14	2.5	1.5	238

Electronics Wire Stripper

- > For single, multiple and fine stranded cables having a diameter from 0.1 up to 0.8 mm, with plastic or rubber insulation
- > Easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut
- > With opening spring
- > The mirror polish in combination with a fine oil film provides rust protection – no circuit faults caused by peeling chrome from plated tools
- > Special tool steel, forged, oil-hardened



Part No.	EAN	↔ mm		Head	Handles	Stripping capacities Ø mm	ΔΔ g
11 92 140	4003773-016908	140	MM	mirror polished	with multi-component handles	0.1 – 0.8	70

GRIPPING AND GRIP PLIERS

Gripping Pliers

Round Nose Pliers	052
Flat Nose Pliers	053
Snipe Nose Side Cutting Pliers	054
Long Reach Needle-Nose Pliers	056
Telephone Pliers	057
Long Nose Pliers	058
Gripping Pliers (Needle-Nose Pliers)	059
Relay Adjusting Pliers	060
Duckbill Pliers	060
Gripping Pliers	061
Mechanics' Pliers	062

Grip Pliers

Universal Grip Pliers	063
Grip Pliers	064
Welding Grip Pliers	065

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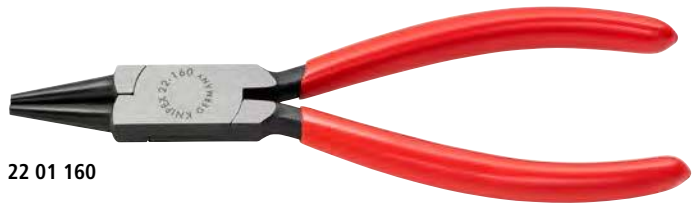
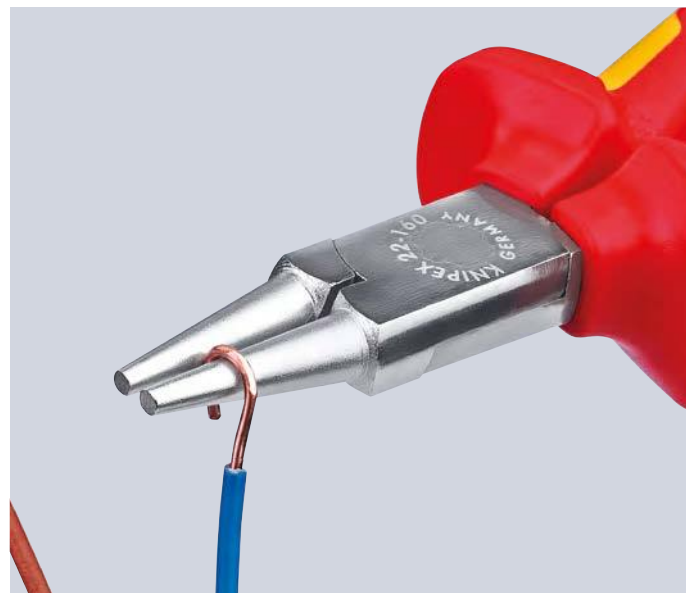
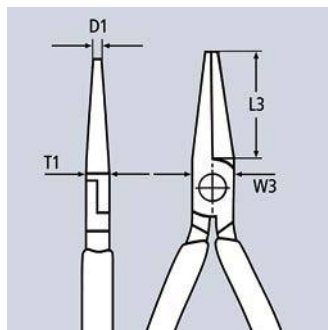
Round Nose Pliers

- ▶ Round, short jaws, finely ground
- ▶ Suitable for bending and gripping of round working pieces

> Ideal for bending wire loops
 > Special tool steel, forged, oil-hardened
 > DIN ISO 5745

22 02 140 / 22 02 160 / 22 05 160

> With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



22 01 160



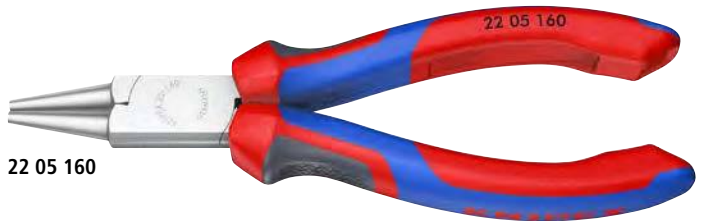
22 02 140



22 02 160



22 05 140



22 05 160



22 06 160

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions				Δ g
							L3 mm	W3 mm	D1 mm	T1 mm	
22 01 125	033899	125					27.0	14.5	2.0	8.0	75
22 01 140	022800	140	8	black atramentized	polished	with plastic coating	28.0	16.5	2.5	9.5	100
22 01 160	033905	160					30.0	18.0	3.0	9.5	135
22 02 140	043430	140	8	black atramentized	polished	with comfort handles	28.0	16.5	2.5	9.5	129
22 02 160	023173	160					30.0	18.0	3.0	9.5	170
22 05 140	042891	140	8	chrome-plated	chrome-plated	with comfort handles	28.0	16.5	2.5	9.5	127
22 05 160	042907	160				with comfort handles	30.0	18.0	3.0	9.5	169
22 06 160	033790	160	8	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	30.0	18.0	3.0	9.5	175

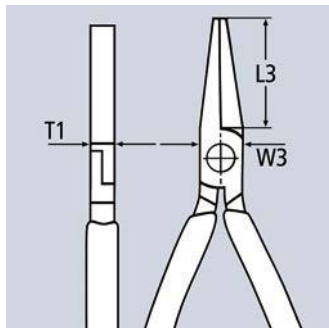
Flat Nose Pliers

- ▶ Flat, short, wide jaws
- ▶ Suitable for gripping flat materials in easily accessible places

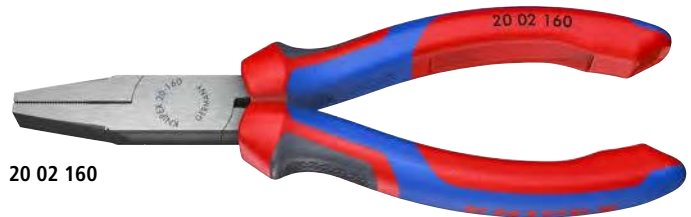
- > Knurled gripping surfaces
- > Special tool steel, forged, oil-hardened
- > DIN ISO 5745

20 02 140 / 20 02 160 / 20 05 160

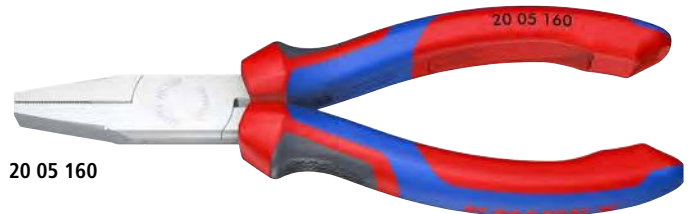
- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



20 01 160



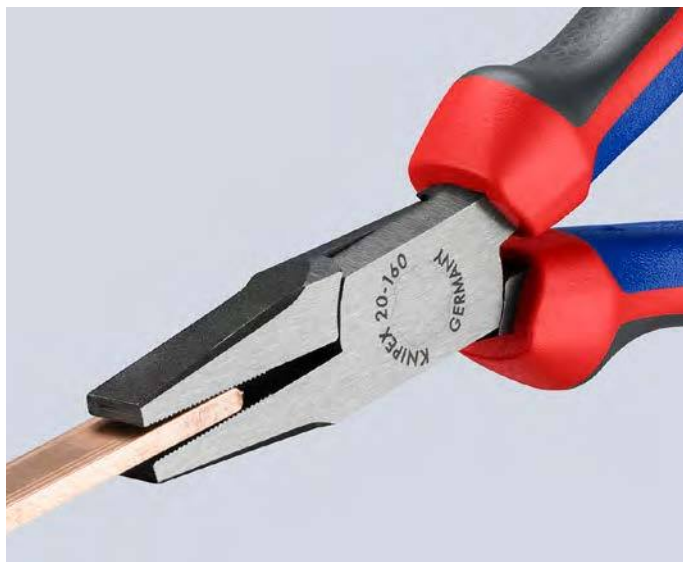
20 02 160



20 05 160



20 06 160



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions			
							L3 mm	W3 mm	T1 mm	Δ g
20 01 125	033875	125		black atramentized	polished	with plastic coating	27.0	14.5	8.0	80
20 01 140	022794	140					28.0	15.5	9.5	105
20 01 160	033882	160					30.0	17.0	9.5	140
20 01 180	042440	180					35.0	19.0	10.0	185
20 02 140	043386	140		black atramentized	polished	with comfort handles	28.0	15.5	9.5	137
20 02 160	035008	160					30.0	17.0	9.5	172
20 05 140	042464	140		chrome-plated	chrome-plated	with multi-component handles	28.0	15.5	9.5	136
20 05 160	042457	160				with comfort handles	30.0	17.0	9.5	176
20 06 160	033783	160		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	30.0	17.0	9.5	176

Snipe Nose Side Cutting Pliers

(Radio Pliers)

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

- > Knurled gripping surfaces
- > With cutting edges for soft, medium-hard and hard wire
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC
- > Vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 5745

25 02 140 / 25 02 160 / 25 05 160 / 25 25 160

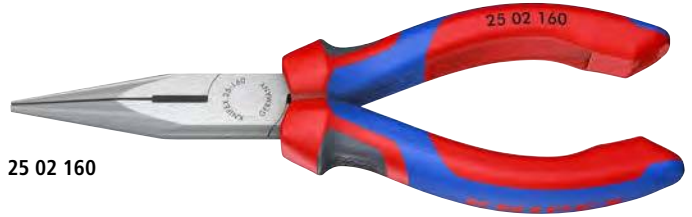
- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

25 06 160 T*

- > Pliers with integrated tether attachment point for a tool tether



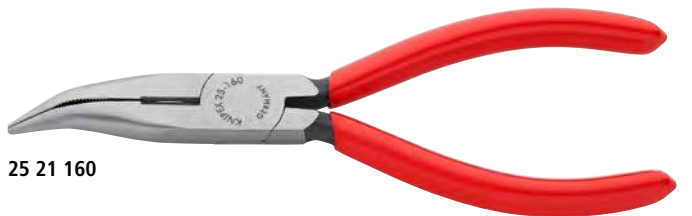
25 01 160



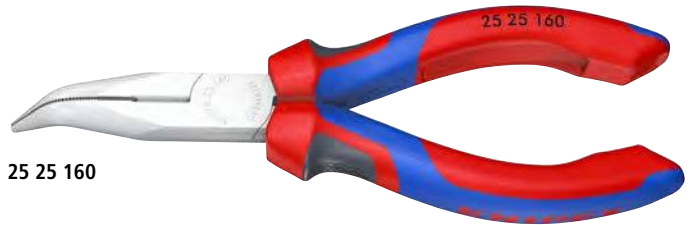
25 02 160



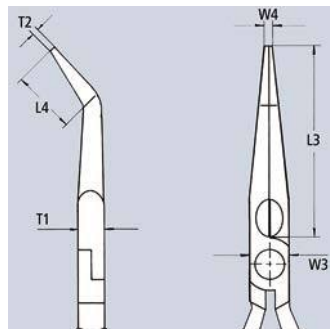
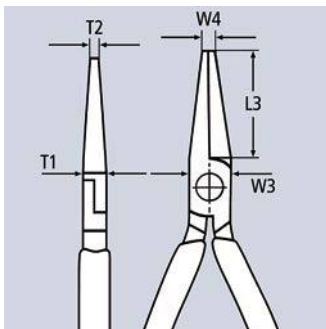
25 06 160



25 21 160



25 25 160



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Dimensions						
							Ø mm	Ø mm	L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	Δ g
25 01 125	015932	125		black atramentized	polished	with plastic coating	2.2	1.6	27.0		13.0	7.0	2.5	1.8	73
25 01 140	033158	140					2.5	1.6	42.0		15.0	8.0	2.5	2.0	90
25 01 160	033912	160					2.5	1.6	50.0		16.5	9.0	3.0	2.5	115
25 02 140	023159	140		black atramentized	polished	with comfort handles	2.5	1.6	42.0		15.0	8.0	2.5	2.0	109
25 02 160	023166	160					2.5	1.6	50.0		16.5	9.0	3.0	2.5	166
25 03 125	043065	125		chrome-plated	chrome-plated	with plastic coating	2.2	1.6	27.0		13.0	7.0	2.5	1.8	72
25 05 140	035015	140		chrome-plated	chrome-plated	with multi-component handles	2.5	1.6	42.0		15.0	8.0	2.5	2.0	111
25 05 160	022817	160		chrome-plated	chrome-plated	with comfort handles	2.5	1.6	50.0		16.5	9.0	3.0	2.5	147
25 06 160	033806	160		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2.5	1.6	50.0		16.5	9.0	3.0	2.5	146
25 06 160 T	081432	160		chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	2.5	1.6	50.0		16.5	9.0	3.0	2.5	155
25 21 160	050476	160		black atramentized	polished	with plastic coating	2.5	1.6	50.0	23.0	16.5	9.0	3.0	2.5	116
25 25 160	016007	165		chrome-plated	chrome-plated	with comfort handles	2.5	1.6	50.0	23.0	16.5	9.0	3.0	2.5	143
25 26 160	052111	160		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2.5	1.6	50.0	23.0	16.5	9.0	3.0	2.5	144

Snipe Nose Side Cutting Pliers

(Stork Beak Pliers)

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

- > With cutting edges for soft, medium-hard and hard wire
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC
- > Vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 5745

26 12 200 / 26 15 200 / 26 22 200 / 26 25 200

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

26 16 200 T / 26 26 200 T*

- > Pliers with integrated tether attachment point for a tool tether



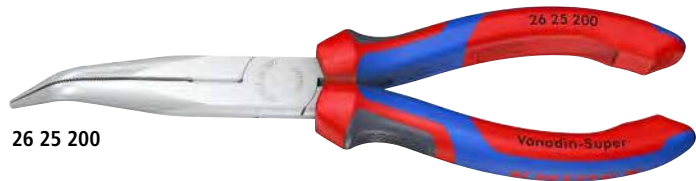
26 11 200



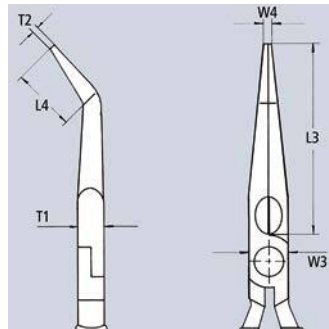
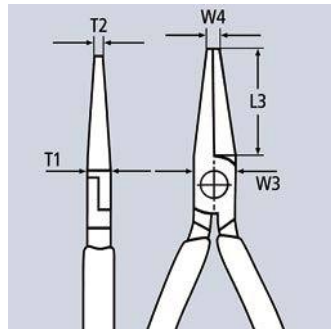
26 16 200



26 17 200



26 25 200



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Dimensions							 g
							 Ø mm	 Ø mm	L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm		
26 11 200	022824	200		black atramentized	polished	with plastic coating	3.2	2.2	73.0		18.0	9.5	3.0	2.5	170	
26 12 200	023142	200		black atramentized	polished	with comfort handles	3.2	2.2	73.0		18.0	9.5	3.0	2.5	201	
26 13 200	040590	200		chrome-plated	chrome-plated	with plastic coating	3.2	2.2	73.0		18.0	9.5	3.0	2.5	169	
26 15 200	035022	200		chrome-plated	chrome-plated	with comfort handles	3.2	2.2	73.0		18.0	9.5	3.0	2.5	198	
26 16 200	022831	200		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.2	2.2	73.0		18.0	9.5	3.0	2.5	206	
26 16 200 T	081449	200		chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	3.2	2.2	73.0		18.0	9.5	3.0	2.5	215	
26 17 200	016069	200		chrome-plated	chrome-plated	with dipped insulation, VDE-tested	3.2	2.2	73.0		18.0	9.5	3.0	2.5	212	
26 21 200	022848	200		black atramentized	polished	with plastic coating	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	171	
26 22 200	023135	200		black atramentized	polished	with comfort handles	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	197	
26 25 200	035039	200		chrome-plated	chrome-plated	with comfort handles	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	199	
26 26 200	022855	200		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	204	
26 26 200 T	081456	200		chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	215	
26 27 200	016090	200		chrome-plated	chrome-plated	with dipped insulation, VDE-tested	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	220	

Long Reach Needle-Nose Pliers

- Especially suitable for gripping and assembly work with a higher prehensile power

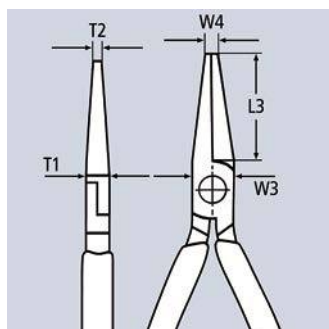
- > Ideal for work in confined areas, e.g. in narrow and deep switch boxes
- > Knurled gripping surfaces
- > High-grade special tool steel, forged, oil-hardened



28 01 200



28 21 200



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions					g
							L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	
28 01 200	044468	200		black atramentized	polished	with plastic coating	33.0	13.5	10.5	4.0	10.5	180
28 21 200	028246	200		black atramentized	polished	with plastic coating	34.0	13.5	10.5	3.0	3.0	187

Long Reach Needle-Nose Pliers

with transverse profiles

- For gripping, adjustment and assembly work in hard to reach areas due to slim, very long design

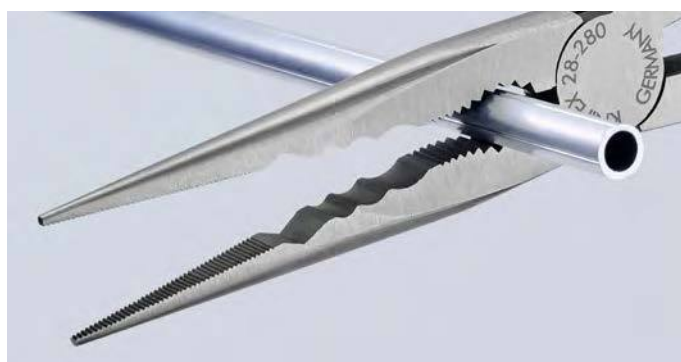
- > Careful yet reliable gripping, holding and guiding of small copper pipes, screws and cables as well as other round parts due to milled grooves with smooth surfaces
- > Serrated pipe grip to grip round parts
- > Particularly suitable for work in the automotive trade and in mechanical engineering
- > Slim yet robust tool
- > Forged from special tool steel, oil-hardened and tempered
- > DIN ISO 5745



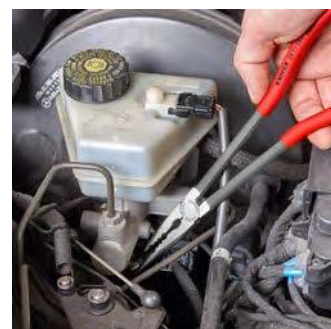
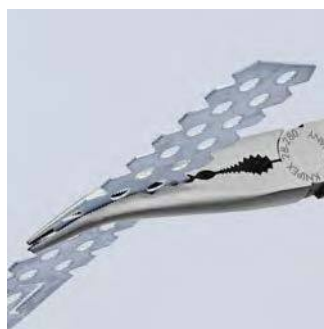
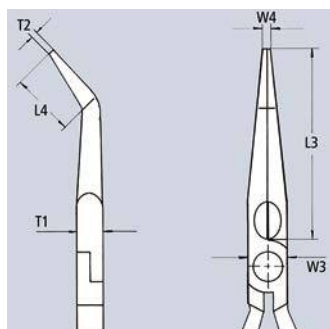
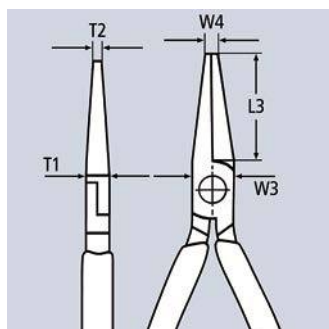
28 71 280



28 81 280



Wave-shaped gripping profile: transverse profile for gripping, holding and guiding

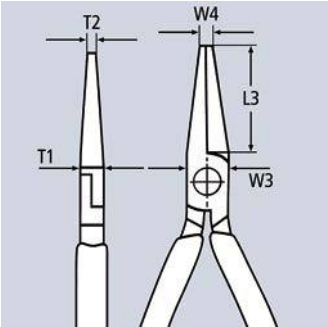


Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions						g
							L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	
28 71 280	079415	280		black atramentized	polished	with plastic coating	76.5		20.0	9.0	3.0	2.5	235
28 81 280	079422	280		black atramentized	polished	with plastic coating	70.0	20.0	20.0	9.0	2.5	2.5	235

Telephone Pliers

▶ Extra slim tips

- > Knurled gripping surfaces
- > Chrome vanadium electric steel, forged, oil-hardened
- > DIN ISO 5745



Part No.	EAN	↔ mm		Pliers	Head	Handles	Dimensions					⚖ g
							L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	
29 11 160	016175	160		black atramentized	polished	with plastic coating	55.0	14.0	8.0	2.5	8.5	103

Telephone Pliers

▶ Extra slim, fine tips

▶ Also suitable for soldering work

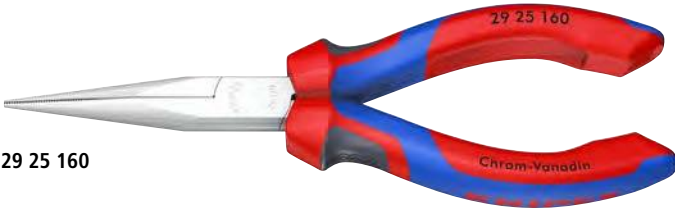
- > Gripping surfaces cross-hatched
- > Chrome vanadium electric steel, forged, oil-hardened
- > DIN ISO 5745

29 25 160

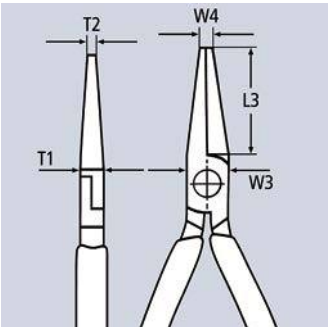
- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



29 21 160



29 25 160



Part No.	EAN	↔ mm		Pliers	Head	Handles	Dimensions					⚖ g
							L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	
29 21 160	043454	160		black atramentized	polished	with plastic coating	54.0	14.0	9.0	2.0	2.0	112
29 25 160	043478	160		chrome-plated	chrome-plated	with comfort handles	54.0	14.0	9.0	2.0	2.0	139

Long Nose Pliers

► Heavy duty and wear resisting

- > Suitable for gripping in easily accessible places
- > Chrome vanadium electric steel, forged, oil-hardened
- > DIN ISO 5745

30 15 160 / 30 25 160 / 30 35 160

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

Style 1

- > Long, trapezoidal jaws; knurled gripping surfaces

Style 2

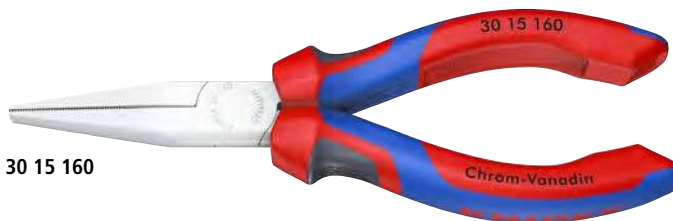
- > Long, half-round jaws; knurled gripping surfaces

Style 3

- > Long, round jaws; smooth gripping surfaces



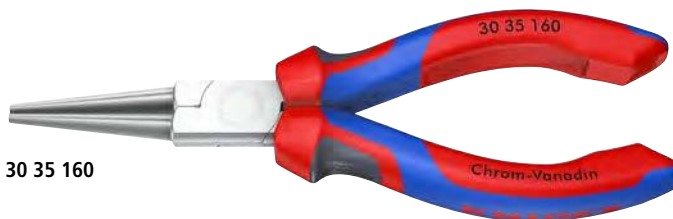
30 11 160



30 15 160



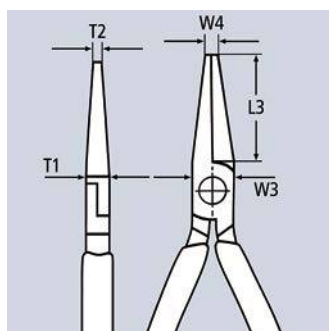
30 33 160



30 35 160



30 36 160



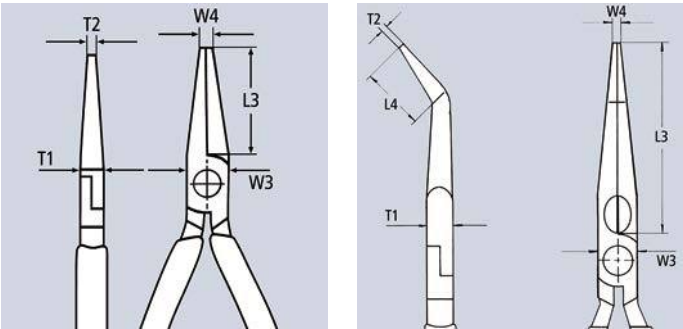
Part No.	EAN 4003773-	↔ mm		Style	Pliers	Head	Handles	Dimensions					Δ g
								L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	
30 11 140	033936	140		1	black atramentized	polished	with plastic coating	42.0	15.0	8.0	2.5	4.0	86
30 11 160	023128	160		1	chrome-plated	chrome-plated	with plastic coating	46.5	16.5	9.5	3.0	5.0	121
30 13 140	016298	140		1	chrome-plated	chrome-plated	with plastic coating	42.0	15.0	8.0	2.5	4.0	87
30 13 160	043485	160		1	chrome-plated	chrome-plated	with plastic coating	46.5	16.5	9.5	3.0	5.0	118
30 15 140	042914	140		1	chrome-plated	chrome-plated	with multi-component handles	42.0	15.0	8.0	2.5	4.0	106
30 15 160	035046	160		1	chrome-plated	chrome-plated	with comfort handles	46.5	16.5	9.5	3.0	5.0	149
30 16 160	001904	160		1	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	46.5	16.5	9.5	3.0	5.0	150
30 21 140	042433	140		2	black atramentized	polished	with plastic coating	42.0	15.0	8.0	2.5	2.0	95
30 21 160	035053	160		2	chrome-plated	chrome-plated	with plastic coating	50.0	16.5	9.5	3.0	2.5	121
30 25 160	035060	160		2	chrome-plated	chrome-plated	with comfort handles	50.0	16.5	9.5	3.0	2.5	151
30 31 160	035077	160		3	black atramentized	polished	with plastic coating	41.0	16.5	9.5	5.0	2.5	110
30 33 160	043539	160		3	chrome-plated	chrome-plated	with plastic coating	41.0	16.5	9.5	5.0	2.5	111
30 35 160	035084	160		3	chrome-plated	chrome-plated	with comfort handles	41.0	16.5	9.5	5.0	2.5	138
30 36 160	002123	160		3	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	41.0	16.5	9.5	5.0	2.5	141

Gripping Pliers

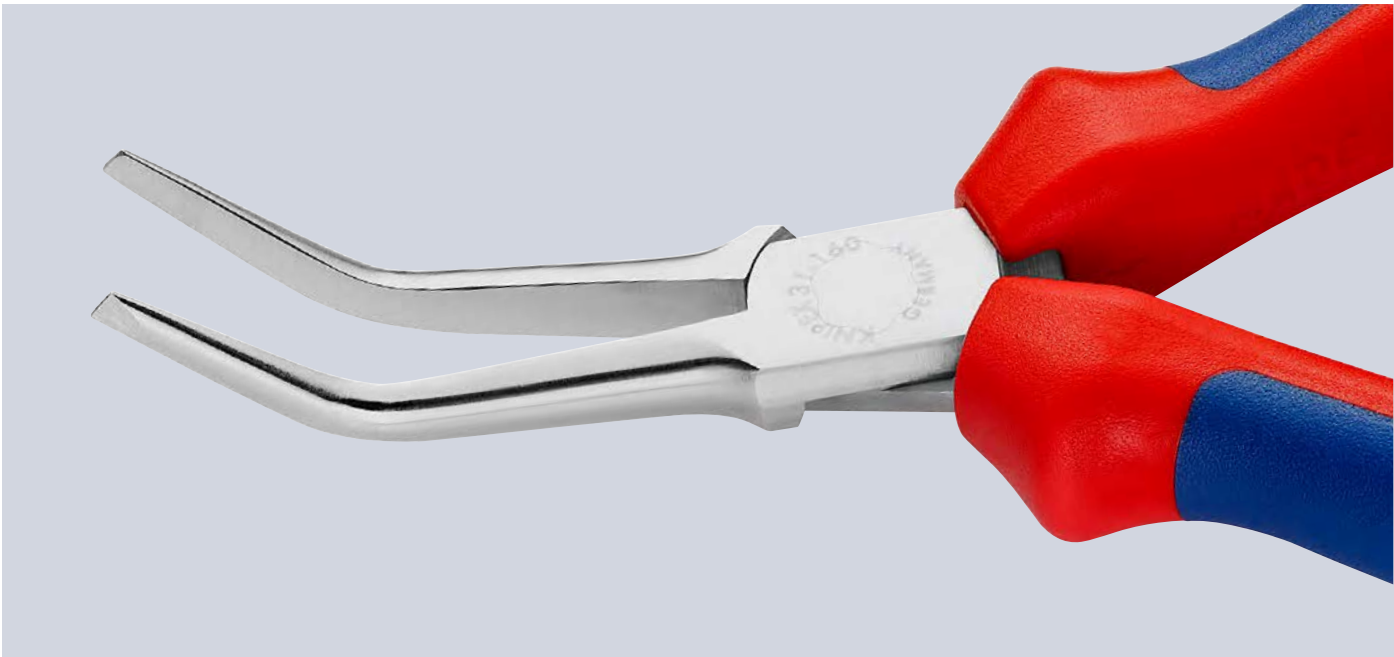
(Needle-Nose Pliers)

- ▶ Precision pliers for very exact assembly, bending and adjusting work
- ▶ Slim and ergonomically shaped for work in poorly accessible areas

- > Smooth ground gripping surfaces
- > Edges carefully deburred
- > Chrome vanadium electric steel, forged, oil-hardened



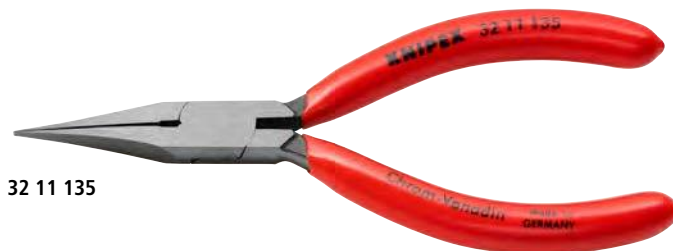
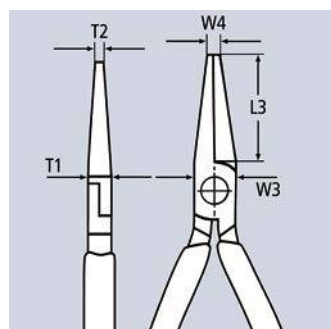
Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions						Δ g
							L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	
31 11 160	044475	160		black atramentized	polished	with plastic coating	55.0		16.0	7.5	1.8	2.5	100
31 15 160	016465	160		chrome-plated	chrome-plated	with multi-component handles	55.0		16.0	7.5	1.8	2.5	124
31 21 160	046790	160		black atramentized	polished	with plastic coating	55.0	27.0	16.0	7.5	1.8	2.5	97
31 25 160	016489	160		chrome-plated	chrome-plated	with multi-component handles	55.0	27.0	16.0	7.5	1.8	2.5	123



Relay Adjusting Pliers

► For gripping components and wires of the smallest diameters and for bending contact and relay springs

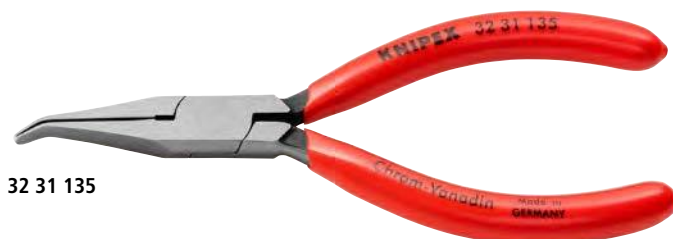
- > Polished gripping surfaces
- > Edges carefully deburred
- > High-grade special tool steel, forged, oil-hardened



32 11 135



32 21 135



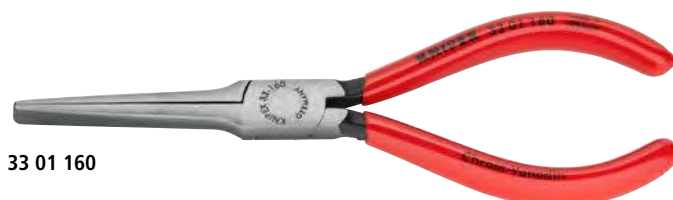
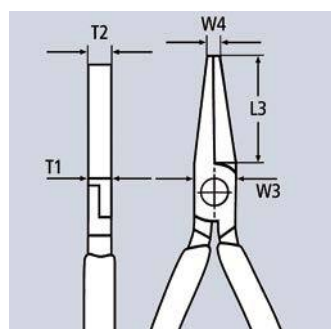
32 31 135

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions					g
							L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	
32 11 135	035091	135		black atramentized	polished	with plastic coating	34.0	12.5	7.0	1.0	2.0	73
32 21 135	043553	135		black atramentized	polished	with plastic coating	34.0	12.5	7.0	1.0	4.0	74
32 31 135	043560	135		black atramentized	polished	with plastic coating	32.0	12.5	7.0	1.0	3.5	73

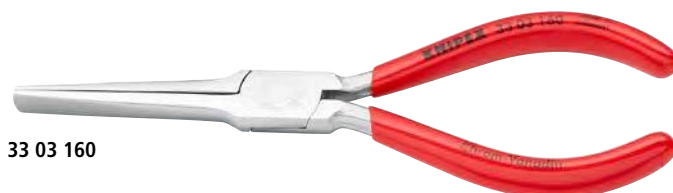
Duckbill Pliers

► Long, broad and thin tapered jaws

- > Smooth gripping surfaces
- > Duckbill shaped jaws 9 mm wide at the tip and tapering to 1.5 mm width
- > Chrome vanadium electric steel, forged, oil-hardened



33 01 160



33 03 160

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions					g
							L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	
33 01 160	016663	160		black atramentized	polished	with plastic coating	55.0	15.0	7.5	3.0	9.0	103
33 03 160	016670	160		chrome-plated	chrome-plated	with plastic coating	55.0	15.0	7.5	3.0	9.0	103

Gripping Pliers

► Precision pliers for fine assembly work,
e. g. in electronics and fine mechanics

- > For gripping, holding, bending and adjusting
- > Tips precision-ground
- > Smooth gripping surfaces
- > Edges carefully deburred
- > Lap joint
- > High-grade special tool steel, forged, oil-hardened
- > DIN ISO 9655

Style 1

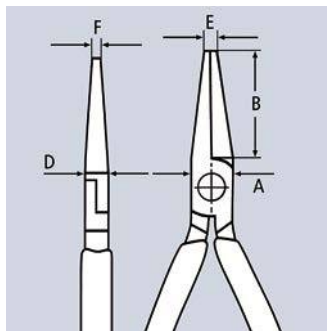
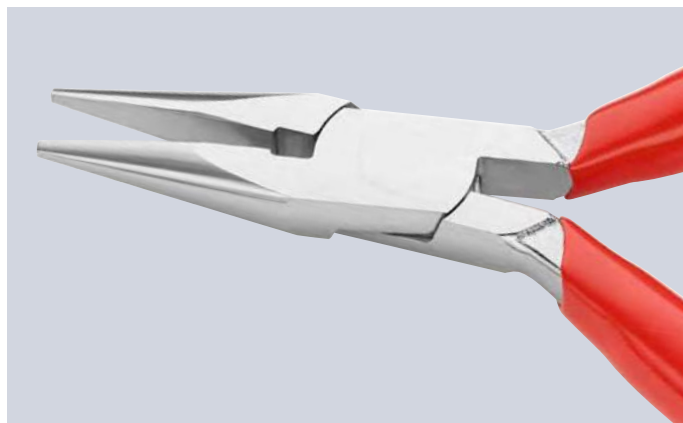
- > Flat, wide jaws

Style 2

- > Flat, concave and pointed jaws

Style 3

- > Half-round jaws



37 11 125



37 13 125



37 21 125



37 23 125



37 31 125



37 33 125

Part No.	EAN 4003773-	↔ mm		Style	Head	Handles	Dimensions					⚖ g
							B mm	A mm	D mm	E mm	F mm	
37 11 125	014287	125		1	polished	with plastic coating	27.0	12.5	7.0	2.0	5.5	76
37 13 125	043638	125		1	chrome-plated	with plastic coating	27.0	12.5	7.0	2.0	5.5	71
37 21 125	035138	125		2	polished	with plastic coating	27.0	12.5	7.0	2.0	2.0	74
37 23 125	043645	125		2	chrome-plated	with plastic coating	27.0	12.5	7.0	2.0	2.0	72
37 31 125	035145	125		3	polished	with plastic coating	27.0	12.5	7.0	2.0	1.6	74
37 33 125	016960	125		3	chrome-plated	with plastic coating	27.0	12.0	7.0	2.0	1.6	78

Mechanics' Pliers

► High bending strength of the pliers tips

- > Gripping surfaces cross-hatched
- > Vanadium electric steel; forged, oil-hardened
- > DIN ISO 5745

38 21 200 / 38 25 200

- > 40° angled jaws

38 31 200 / 38 35 200

- > Curved tip

38 35 200

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

38 71 200

- > 70° angled, half-round jaws, suitable for pulling split pins; for gripping at points that are difficult to access

38 91 200 / 38 95 200

- > 45° angled, half-round jaws, long jaws, also suitable for gripping spark plugs and round components



38 11 200



38 15 200



38 35 200



38 21 200



38 25 200



38 31 200



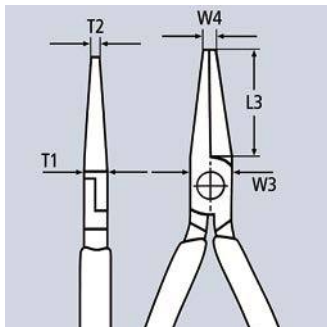
38 71 200



38 91 200



38 95 200



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions					△ g
							L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	
38 11 200	035169	200	⊗ ⊖	black atramentized	polished	with plastic coating	73.0	17.5	9.5	3.0	2.5	179
38 15 200	039594	200	⊗ ⊖	chrome-plated	chrome-plated	with multi-component handles	73.0	17.5	9.5	3.0	2.5	209
38 21 200	035176	200	⊗ ⊖ ∠40°	black atramentized	polished	with plastic coating	73.0	17.5	9.5	3.0	2.5	175
38 25 200	043669	200	⊗ ⊖ ∠40°	chrome-plated	chrome-plated	with multi-component handles	73.0	17.5	9.5	3.0	2.5	209
38 31 200	040712	200	⊗ ⊖	black atramentized	polished	with plastic coating	73.0	17.5	9.5	3.0	2.5	176
38 35 200	017134	200	⊗ ⊖	chrome-plated	chrome-plated	with comfort handles	73.0	17.5	9.5	3.0	2.5	205
38 71 200	017202	200	⊗ ⊖ ∠70°	black atramentized	polished	with plastic coating	73.0	17.5	9.5	3.0	2.0	174
38 91 200	017219	200	⊗ ⊖ ∠45°	black atramentized	polished	with plastic coating	73.0	17.5	9.5		2.5	177
38 95 200	017233	200	⊗ ⊖ ∠45°	chrome-plated	chrome-plated	with multi-component handles	73.0	17.5	9.5		2.5	207

Universal Grip Pliers

- > Hold round, profile and flat material securely
- > Heavy duty model
- > With adjustment screw and release lever
- > One-hand operation
- > High clamping pressure due to toggle lever action
- > Pliers body: rolled steel, high-strength
- > Gripping jaws: chrome vanadium electric steel, forged

40 14 250

- > With one pivoting jaw



40 04 250



40 14 250



Part No.	EAN	↔ mm		Pliers	○ mm	□ mm	⬡ mm	⚖ g
40 04 180	022190	180	▨	galvanized	35.0	25.0	32.0	310
40 04 250	002710	250	▨	galvanized	35.0	30.0	32.0	521
40 14 250	080329	250	▨	galvanized	43.0	42.0	45.0	600



Grip Pliers

- > Hold round, profile and flat material securely
- > Heavy duty model
- > With adjustment screw and release lever
- > One-hand operation
- > High clamping pressure due to toggle lever action
- > Pliers body: rolled steel, high-strength
- > Gripping jaws: chrome vanadium electric steel, forged

Style 0

- > Jaws for round workpieces, with wire cutter

Style 1

- > Jaws with double prism for round, section and flat material

Style 2

- > Straight jaws for flat material

Style 3

- > Long-Nose Grip Pliers: narrow, long jaws

Style 4

- > Long-Nose Grip Pliers: narrow, long jaws; very suitable for areas that are difficult to reach; non-serrated gripping area for pinching off hoses



41 04 250



41 14 250



41 24 225



41 34 165



41 44 200



Part No.	EAN 4003773-	↔ mm		Style	Pliers	Cutting capacities				
						● Ø mm	○ mm	□ mm	⬡ mm	⚖ g
41 04 180	002741	180		0	galvanized	2.0	30.0	20.0	30.0	363
41 04 250	002758	250	▨			3.0	40.0	20.0	30.0	517
41 04 300	022183	300				3.2	65.0	30.0	34.0	923
41 14 250	023470	250	▨	1	galvanized		36.0	36.0	36.0	557
41 24 225	023487	225	▨	2	galvanized		25.0	16.0	30.0	504
41 34 165	047858	165	▨	3	galvanized		20.0	10.0	24.0	189
41 44 200	080343	200	▨ ∠70°	4	galvanized		20.0	20.0	30.0	400

Welding Grip Pliers

- > For gripping, clamping and holding of diverse profiles
- > Heavy duty model
- > With adjustment screw and release lever
- > One-hand operation
- > High clamping pressure due to toggle lever action
- > Pliers body: rolled steel, high-strength

42 14 280

- > Section or flat material items lying side by side are held in place during welding
- > Also for section material with vertical webs up to 15mm height

42 24 280

- > Round or tubular material items lying centrally side by side are held securely during welding

42 34 280

- > Gripping jaws of chrome vanadium steel, drop forged
- > Clamps cumbersome workpieces and sections with high webs up to 40 mm

42 44 280

- > With moveable jaws
- > Gripping jaws of chrome vanadium steel, drop forged
- > Clamps and balances bulky work components and profiles with high ridges of up to 40 mm



42 14 280



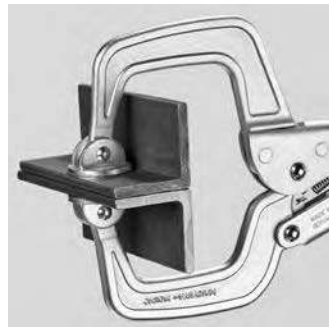
42 24 280



42 34 280



42 44 280



Part No.	EAN 4003773-	↔ mm	Pliers	⊠ mm	⊠ mm	⚖ g
42 14 280	022206	280	galvanized	30.0 – 65.0	50.0	768
42 24 280	022213	280	galvanized	10.0 – 70.0		780
42 34 280	022220	280	galvanized		90.0	692
42 44 280	080350	280	galvanized		90.0	740

CIRCLIP PLIERS

Circlip Pliers for internal circlips

Circlip Pliers for internal circlips in bore holes	068
Precision Circlip Pliers for internal circlips in bore holes	070
Circlip Pliers for large internal circlips	074

Circlip Pliers for external circlips

Circlip Pliers for external circlips on shafts	069
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Special Retaining Ring Pliers

Special Retaining Ring Pliers for retaining rings on shafts	075
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Circlip Pliers for grip rings

Circlip Pliers for grip rings on shafts	075
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Sets

Circlip Pliers Sets	076
Tool Box "SRZ"	079

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48 11 J2

Circlip Pliers

for internal circlips in bore holes



- > Solid style, forged
- > Non-slip, solid tips
- > Pliers body and tips: chrome vanadium steel, forged, oil-hardened

Style 1

- > DIN 5256 C, straight jaws

Style 2

- > DIN 5256 D; 90° angled jaws

Style 3

- > On basis of DIN 5256 C and DIN 5256 C, but 45° bent jaws



44 11 J2



44 13 J2



44 21 J21



44 23 J21



44 31 J22



Part No.	EAN 4003773-	↔ mm		Style	Pliers	Head	Handles	Size of bore Ø mm	Tips Ø mm	△ g
44 11 J0	040286	140	C	1	black atramentized	polished	with plastic coating	8 – 13	0.9	88
44 11 J1	022862	140						12 – 25	1.3	88
44 11 J2	022879	180						19 – 60	1.8	135
44 11 J3	033943	225						40 – 100	2.3	196
44 11 J4	042549	320						85 – 140	3.2	469
44 13 J0	048176	140	C	1	chrome-plated	chrome-plated	with plastic coating	8 – 13	0.9	89
44 13 J1	042938	140						12 – 25	1.3	88
44 13 J2	042945	180						19 – 60	1.8	138
44 13 J3	042952	225						40 – 100	2.3	194
44 13 J4	017301	320						85 – 140	3.2	463
44 21 J01	040132	130	C 90°	2	black atramentized	polished	with plastic coating	8 – 13	0.9	88
44 21 J11	022886	130						12 – 25	1.3	88
44 21 J21	022893	170						19 – 60	1.8	139
44 21 J31	033769	215						40 – 100	2.3	196
44 21 J41	043683	300						85 – 140	3.2	462
44 23 J11	042969	130	C 90°	2	chrome-plated	chrome-plated	with plastic coating	12 – 25	1.3	89
44 23 J21	042976	170						19 – 60	1.8	138
44 23 J31	042983	215						40 – 100	2.3	200
44 31 J02	066941	140	C 45°	3	black atramentized	polished	with plastic coating	8 – 13	0.9	90
44 31 J12	066958	140						12 – 25	1.3	90
44 31 J22	066965	180						19 – 60	1.8	140
44 31 J32	066972	225						40 – 100	2.3	195
44 31 J42	066989	310						85 – 140	3.2	465

Circlip Pliers

for external circlips on shafts

- > Solid style, forged
- > Non-slip, solid tips
- > Pliers body and tips: chrome vanadium steel, forged, oil-hardened

Form 1

- > DIN 5254 A; straight tips

Style 2

- > DIN 5254 B; 90° angled jaws

Style 3

- > On basis of DIN 5256 C and DIN 5256 C, but 45° bent jaws



46 13 A2



46 21 A21



46 31 A22



Part No.	EAN 4003773-	↔ mm		Style	Pliers	Head	Handles	Size of shaft Ø mm	Tips Ø mm	⚖ g
46 11 A0	033950	140	Ø MM	1	black atramentized	polished	with plastic coating	3 – 10	0.9	85
46 11 A1	022909	140						10 – 25	1.3	86
46 11 A2	022916	180						19 – 60	1.8	134
46 11 A3	033974	210						40 – 100	2.3	220
46 11 A4	042532	320						85 – 140	3.2	505
46 13 A0	017417	140	Ø MM	1	chrome-plated	chrome-plated	with plastic coating	3 – 10	0.9	85
46 13 A1	042990	140						10 – 25	1.3	82
46 13 A2	043003	180						19 – 60	1.8	133
46 13 A3	043010	210						40 – 100	2.3	211
46 21 A01	033967	125	Ø MM ∠90°	2	black atramentized	polished	with plastic coating	3 – 10	0.9	85
46 21 A11	023005	125						10 – 25	1.3	85
46 21 A21	022923	170						19 – 60	1.8	132
46 21 A31	033981	200						40 – 100	2.3	219
46 21 A41	039365	300						85 – 140	3.2	510
46 23 A01	017509	125	Ø MM ∠90°	2	chrome-plated	chrome-plated	with plastic coating	3 – 10	0.9	84
46 23 A11	043027	125						10 – 25	1.3	84
46 23 A21	043034	170						19 – 60	1.8	132
46 23 A31	043041	200						40 – 100	2.3	221
46 31 A02	066996	130	Ø MM ∠45°	3	black atramentized	polished	with plastic coating	3 – 10	0.9	83
46 31 A12	067009	130						10 – 25	1.3	85
46 31 A22	067016	185						19 – 60	1.8	133
46 31 A32	067023	210						40 – 100	2.3	213
46 31 A42	067030	310						85 – 140	3.2	511

Precision Circlip Pliers

for internal circlips in bore holes

- ▶ Heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- ▶ With inserted tips for reliable work

- > Large contact faces on the tips: no distortion of circlips, easy fitting
- > Bolted joint: precise, zero backlash operation of pliers
- > Non-slip plastic coating on the handles
- > Inserted tips: spring steel wire, drawn
- > Pliers body: chrome vanadium electric steel, forged, oil-hardened

Style 1

> DIN 5256 C, straight jaws

Style 2

> DIN 5256 D; 90° angled jaws



48 11 J2



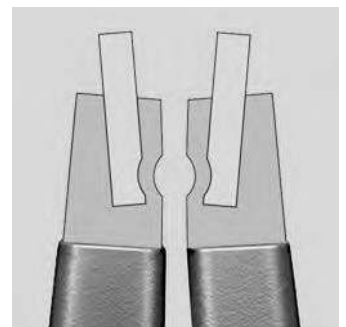
48 21 J21

High precision quality

Easy and reliable assembly: form-fitting inserted and pressed-in tips made of high-density spring steel offer a high level of protection against excessive stress and strain, e.g. when removing stuck rings. The large supporting surfaces and the position of the tips make it more difficult for the rings to bounce off.



Sturdy, inserted tips: made from high-density spring steel



Tight fit through compression

Precision and durability

A highly compacted spring steel with a ridge-free surface is used for the tips. This means that the tip can withstand higher dynamic and static load-bearing capacity. The tips are 30 % more stable with a single overload compared to conventional pliers, while at the same time offering good accessibility during assembly. Under dynamic load, the tip lasts up to 10 times longer! The tips of the Precision Circlip Pliers are secured by cold forming. The tips are non-detachable!

Part No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of bore Ø mm	Tips Ø mm	⚖ g
48 11 J0	048510	140	↻	1	grey atrimentized	with non-slip plastic coating	8 – 13	0.9	105
48 11 J1	048527	140					12 – 25	1.3	105
48 11 J2	048534	180					19 – 60	1.8	175
48 11 J3	048541	225					40 – 100	2.3	266
48 11 J4	048558	320					85 – 140	3.2	580
48 21 J01	048619	130	↻ 90°	2	grey atrimentized	with non-slip plastic coating	8 – 13	0.9	105
48 21 J11	048633	130					12 – 25	1.3	105
48 21 J21	048640	165					19 – 60	1.8	175
48 21 J31	048657	210					40 – 100	2.3	265
48 21 J41	048664	305					85 – 140	3.2	576

Precision Circlip Pliers

for internal circlips in bore holes
with overexpansion guard

- Heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- With inserted tips for reliable work

- > Large contact faces on the tips: no distortion of circlips, easy fitting
- > Bolted joint: precise, zero backlash operation of pliers
- > Non-slip plastic coating on the handles
- > Inserted tips: spring steel wire, drawn
- > Pliers body: chrome vanadium electric steel, forged, oil-hardened
- > With overstretching limiter for standardised assembly in accordance with DIN 472
- > The adjustable stop screw prevents the rings from overstretching
- > Adjustment using hexagonal screw
- > Ideal for series production as excessive expansion of rings is effectively prevented

Style 3

- > DIN 5256 C, straight jaws

Style 4

- > DIN 5256 D; 90° angled jaws



48 31 J3



48 41 J21



KNIPEX Circlip Pliers with overexpansion guard

For the standardized fitting of circlips in the industrial serial production. Particularly manufacturers of sensitive, safety-relevant components (e.g. brakes or gears) highly appreciate the compliance of DIN 471 and 472. The mounting of circlip rings in this case requires pliers with overexpansion guard or a cone. KNIPEX Circlip Pliers with overexpansion guard meet the requirements and furthermore offer a superior durability.

Part No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of bore Ø mm	Tips Ø mm	⚖ g
48 31 J0	079552	140	C	3	grey atramentized	with non-slip plastic coating	8 – 13	0.9	105
48 31 J1	073864	140					12 – 25	1.3	105
48 31 J2	073871	180					19 – 60	1.8	175
48 31 J3	073888	225					40 – 100	2.3	266
48 41 J01	079569	130	C 90°	4	grey atramentized	with non-slip plastic coating	8 – 13	0.9	105
48 41 J11	079576	130					12 – 25	1.3	105
48 41 J21	080695	165					19 – 60	1.8	175
48 41 J31	079590	210					40 – 100	2.3	265

Precision Circlip Pliers

for external circlips on shafts

- ▶ Heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- ▶ With inserted tips for reliable work
- ▶ With overexpansion guard

- > Large contact faces on the tips: no distortion of circlips, easy fitting
- > Bolted joint: precise, zero backlash operation of pliers
- > Internal opening spring, protected and captive
- > Non-slip plastic coating on the handles
- > Slim head style allows use in confined areas
- > Inserted tips: spring steel wire, drawn
- > Pliers body: chrome vanadium electric steel, forged, oil-hardened

Style 1

- > DIN 5254 A; straight jaws

Style 2

- > DIN 5254 B; 90° angled jaws



49 11 A2



49 21 A21

High precision quality

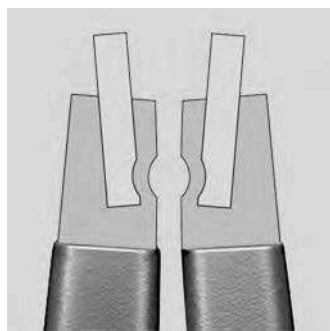
Easy and reliable assembly: form-fitting inserted and pressed-in tips made of high-density spring steel offer a high level of protection against excessive stress and strain, e.g. when removing stuck rings. The large supporting surfaces and the position of the tips make it more difficult for the rings to bounce off.

Precision and durability

A highly compacted spring steel with a ridge-free surface is used for the tips. This means that the tip can withstand higher dynamic and static load-bearing capacity. The tips are 30 % more stable with a single overload compared to conventional pliers, while at the same time offering good accessibility during assembly. Under dynamic load, the tip lasts up to 10 times longer! The tips of the Precision Circlip Pliers are secured by cold forming. The tips are non-detachable!



Spring inside the joint: the spring is protected inside the precisely bolted joint. It does not hinder work and cannot get dirty or lost



Tight fit through compression



KNIPEX Precision Circlip Pliers: fit circlips without distortion; easy and quick assembling



Sturdy, inserted tips: made from high-density spring steel

Part No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of shaft Ø mm	Tips Ø mm	⚖ g
49 11 A0	048718	140	○ MM	1	grey atramentized	with non-slip plastic coating	3 – 10	0.9	101
49 11 A1	048725	140					10 – 25	1.3	100
49 11 A2	048732	180					19 – 60	1.8	170
49 11 A3	048749	225					40 – 100	2.3	270
49 11 A4	048756	320					85 – 140	3.2	599
49 21 A01	048817	130	○ MM ∠90°	2	grey atramentized	with non-slip plastic coating	3 – 10	0.9	100
49 21 A11	048824	130					10 – 25	1.3	102
49 21 A21	048831	165					19 – 60	1.8	169
49 21 A31	048848	210					40 – 100	2.3	272
49 21 A41	048855	305					85 – 140	3.2	601

Precision Circlip Pliers

for external circlips on shafts

- ▶ Heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- ▶ With inserted tips for reliable work

- > Large contact faces on the tips: no distortion of circlips, easy fitting
- > Bolted joint: precise, zero backlash operation of pliers
- > Internal opening spring, protected and captive
- > Highly resilient under continuous use: up to 10 times longer service life compared to turned tips
- > Precise, smoothly-operating screw joint
- > Slim head style allows use in confined areas
- > Inserted tips: spring steel wire, drawn
- > Pliers body: chrome vanadium electric steel, forged, oil-hardened
- > With overexpansion guard (adjustable using end stop)
- > Adjustment using hexagonal screw
- > Ideal for series production as excessive expansion of rings is effectively prevented

Style 3

- > DIN 5254 A; straight jaws

Style 4

- > DIN 5254 B; 90° angled jaws



49 31 A0



49 41 A01

KNIPEX Circlip Pliers with overexpansion guard

For the standardized fitting of circlips in the industrial serial production. Particularly manufacturers of sensitive, safety-relevant components (e.g. brakes or gears) highly appreciate the compliance of DIN 471 and 472. The mounting of circlip rings in this case requires pliers with overexpansion guard or a cone. KNIPEX Circlip Pliers with overexpansion guard meet the requirements and furthermore offer a superior durability.



Article No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of shaft Ø mm	Tips Ø mm	⚖ g
49 31 A0	061748	140	Ø MM	3	grey atramentized	with non-slip plastic coating	3 – 10	0.9	103
49 31 A1	073895	140					10 – 25	1.3	100
49 31 A2	073901	180					19 – 60	1.8	170
49 31 A3	073918	225					40 – 100	2.3	270
49 41 A01	061755	130	Ø MM ∠90°	4	grey atramentized	with non-slip plastic coating	3 – 10	0.9	102
49 41 A11	079606	130					10 – 25	1.3	102
49 41 A21	079613	165					19 – 60	1.8	169
49 41 A31	079620	210					40 – 100	2.3	272

Circlip Pliers

for large internal circlips

- > With locking device, can be released
- > With replaceable tips made of tempered steel
- > Black powder-coated
- > Pliers body: rolled steel, high-strength
- > Tips: special tool steel, oil-hardened

Style 1

- > Straight exchangeable tips

Style 2

- > 90° angled exchangeable tips



44 10 J5



44 20 J61

Part No.	EAN 4003773-	↔ mm		Style	Pliers	Size of bore Ø mm	Tips Ø mm	⚖ g
44 10 J5	024910	570	☺	1	black powder-coated	122 – 300	3.5	1738
44 10 J6	024927	580				252 – 400	4.5	1755
44 20 J51	024958	590	☺ 90°	2	black powder-coated	122 – 300	3.5	1803
44 20 J61	024965	600				252 – 400	4.5	1723
44 19 J5	024934	1 pair of spare tips for 44 10 J5						
44 19 J6	024941	1 pair of spare tips for 44 10 J6						
44 29 J51	024972	1 pair of spare tips for 44 20 J51						
44 29 J61	024989	1 pair of spare tips for 44 20 J61						

Circlip Pliers

for large external circlips

- > With locking device, can be released
- > With replaceable tips made of tempered steel
- > Black powder-coated
- > Pliers body: rolled steel, high-strength
- > Tips: special tool steel, oil-hardened

Style 1

- > DIN 5254 A, straight exchangeable tips

Style 2

- > DIN 5254 B, 90° angled exchangeable tips



46 10 A5



46 20 A51

Part No.	EAN 4003773-	↔ mm		Style	Pliers	Size of shaft Ø mm	Tips Ø mm	⚖ g
46 10 A5	024996	560	⦿	1	black powder-coated	122 – 300	3.5	1773
46 10 A6	025009	570				252 – 400	4.5	1795
46 20 A51	025023	570	⦿ 90°	2	black powder-coated	122 – 300	3.5	1832
46 20 A61	025030	580				252 – 400	4.5	1826
46 19 A5	024316	1 pair of spare tips for 46 10 A5						
46 19 A6	025016	1 pair of spare tips for 46 10 A6						
46 29 A51	025047	1 pair of spare tips for 46 20 A51						
46 29 A61	025054	1 pair of spare tips for 46 20 A61						

Special Retaining Ring Pliers

for retaining rings on shafts

- > For fitting retaining rings and circlips without grip holes
- > For shaft retaining devices
- > With pressure spring
- > Chrome vanadium electric steel, forged, oil-hardened

45 11 170

- > For retaining rings with a minimum ring split gap of 3.6 mm

45 21 200

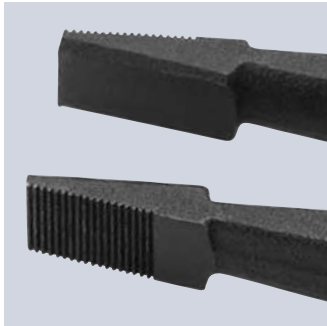
- > Angled jaws with centering hole; for snap rings larger than Ø 12.0 mm, e.g. for cardan shafts in a motor vehicle; minimum ring split gap of the rings 2.2 mm



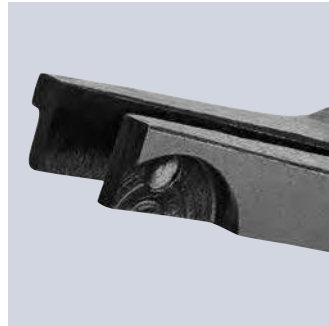
45 11 170



45 21 200



45 11 170



45 21 200



45 21 200

Part No.	EAN 4003773-	↔ mm		Pliers	Handles	⚖ g
45 11 170	089766	170	○ MM	burnished	with plastic coating	184
45 21 200	031208	220	○ MM	black atramentized	with plastic coating	234

Circlip Pliers

for grip rings on shafts

- > For fitting grip rings on shafts from Ø 4 – 30 mm
- > With opening spring
- > Solid style, forged
- > Non-slip, solid tips
- > Pliers body and tips: chrome vanadium steel, forged, oil-hardened

46 11 G0

- > With adjustable stop screw to prevent overstretching



46 11 G0



46 11 G1

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Size of shaft Ø mm	Tips Ø mm	⚖ g
46 11 G0	047896	140	○ MM	black atramentized	polished	with plastic coating	1.5 – 4	0.9	87
46 11 G1	031062	140					4 – 7	1.3	85
46 11 G2	031079	140					5 – 13	1.3	85
46 11 G3	031086	140					14 – 18	1.3	86
46 11 G4	031093	180					20 – 30	1.8	134

Circlip Pliers Sets

4 parts

- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener

00 19 56 / 00 19 56 V01

- > Four common Circlip Pliers for internal and external circlips

00 19 57 / 00 19 57 V01

- > Four common Precision Circlip Pliers for highest requirements
- > For internal and external circlips



00 19 56



00 19 57



00 19 56 V01



00 19 57 V01

Part No.	EAN 4003773-					Style	Capacity Ø mm	Tips Ø mm	Quantity	 g
00 19 56	030973	Set of Circlip Pliers								720
			44 11 J2	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	19 – 60	1.8	1		
		 $\angle 90^{\circ}$	44 21 J21		DIN 5256 D; 90° angled jaws	19 – 60	1.8	1		
		 	46 11 A2	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	19 – 60	1.8	1		
		  $\angle 90^{\circ}$	46 21 A21		DIN 5254 B; 90° angled jaws	19 – 60	1.8	1		
00 19 56 V01	081548	Set of Circlip Pliers								635
			44 11 J1	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1		
			44 11 J2			19 – 60	1.8	1		
		 	46 11 A1	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1		
			46 11 A2			19 – 60	1.8	1		
00 19 57	050056	Set of Circlip Pliers								725
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1		
			48 11 J2			19 – 60	1.8	1		
		 	49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1		
			49 11 A2			19 – 60	1.8	1		
00 19 57 V01	081555	Set of Circlip Pliers								885
			48 11 J2	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	19 – 60	1.8	1		
		 $\angle 90^{\circ}$	48 21 J21		DIN 5256 D; 90° angled jaws	19 – 60	1.8	1		
		 	49 11 A2	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	19 – 60	1.8	1		
		  $\angle 90^{\circ}$	49 21 A21		DIN 5254 B; 90° angled jaws	19 – 60	1.8	1		

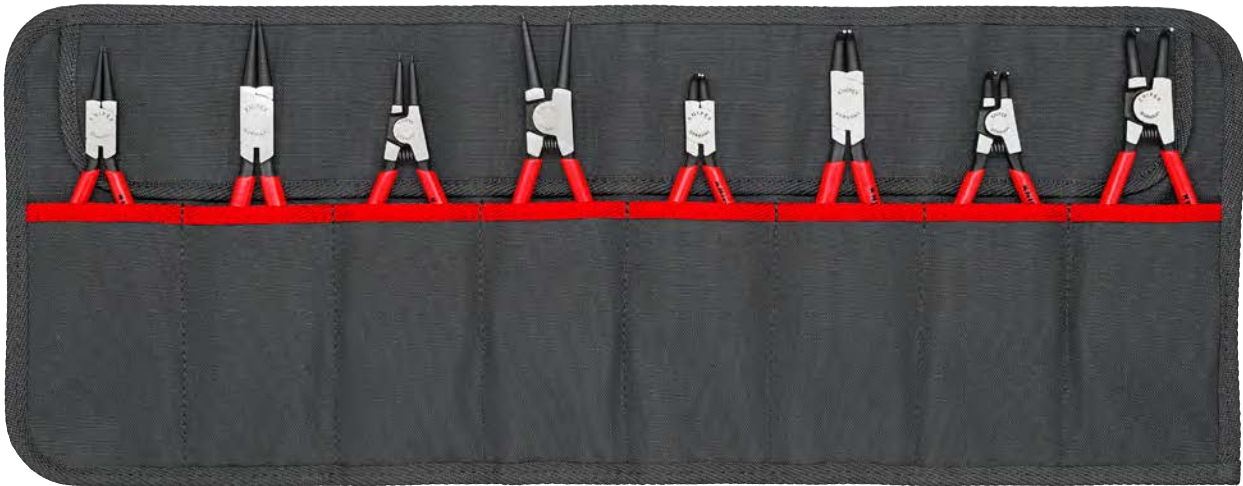
Circlip Pliers Sets

8 parts

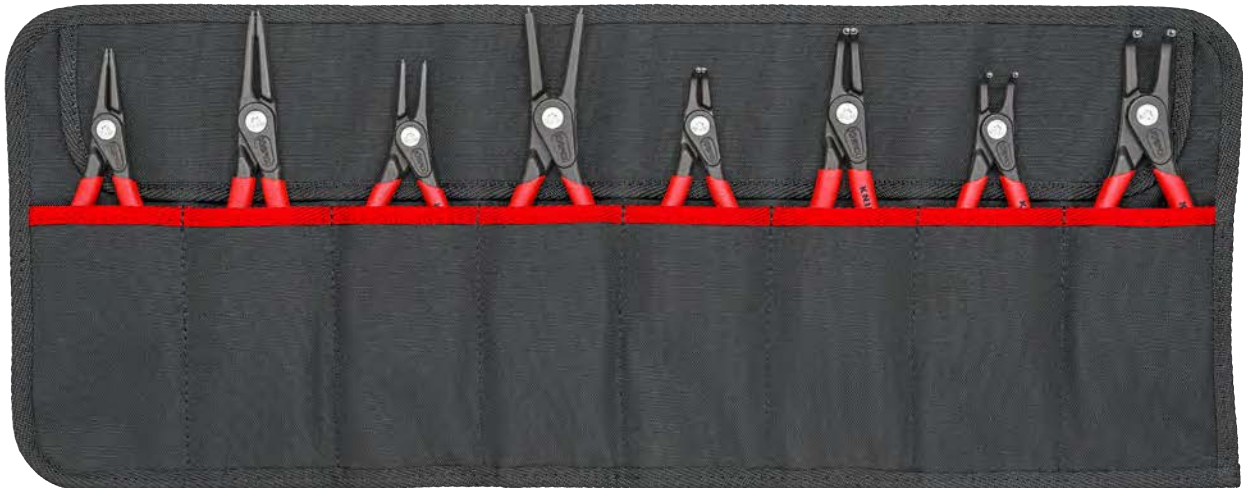
- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener

00 19 58 V01
> Eight established models of circlip pliers for internal and external circlips

00 19 58 V02
> Eight established models of precision circlip pliers for the most demanding requirements



00 19 58 V01



00 19 58 V02

Part No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	⚖ g	
00 19 58 V01	081562	Set of Circlip Pliers								1190
			44 11 J1	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1		
			44 11 J2			19 – 60	1.8	1		
			44 21 J11		DIN 5256 D; 90° angled jaws	12 – 25	1.3	1		
			44 21 J21			19 – 60	1.8	1		
			46 11 A1	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1		
			46 11 A2			19 – 60	1.8	1		
			46 21 A11		DIN 5254 B; 90° angled jaws	10 – 25	1.3	1		
			46 21 A21			19 – 60	1.8	1		
00 19 58 V02	081579	Set of Circlip Pliers								1395
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1		
			48 11 J2			19 – 60	1.8	1		
			48 21 J11		DIN 5256 D; 90° angled jaws	12 – 25	1.3	1		
			48 21 J21			19 – 60	1.8	1		
			49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1		
			49 11 A2			19 – 60	1.8	1		
			49 21 A11		DIN 5254 B; 90° angled jaws	10 – 25	1.3	1		
			49 21 A21			19 – 60	1.8	1		

Pliers Sets

in a foam tray

► For internal and external circlips

- > In a foam tray for workbenches and tool trolleys
- > Clearly organised storage of tools
- > Precisely-sized recesses for holding the pliers
- > Foam tray dimensions (W x H x D): 335 x 165 x 33 mm
- > Material: two colour, closed pore foam



00 20 01 V02

Part No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	Δ g
00 20 01 V02	069652	Precision Circlip Pliers Set in a foam tray							915
		⦿	48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1	
			48 11 J2			19 – 60	1.8	1	
		⦿ 90°	48 21 J21		DIN 5256 D; 90° angled jaws	19 – 60	1.8	1	
		⦿ MM	49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1	
			49 11 A2			19 – 60	1.8	1	
		⦿ MM 90°	49 21 A21		DIN 5254 B; 90° angled jaws	19 – 60	1.8	1	

Precision Circlip Pliers Sets

► For internal and external circlips

- > Attractive sales packaging with Euro standard perforation
- > Sturdy plastic retail packaging, also suitable for storage of the pliers
- > Contains common Precision Circlip Pliers for highest requirements; for internal and external circlips



00 20 03 SB



00 20 04 SB

Part No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	 g
00 20 03 SB	050100	Precision Circlip Pliers Set							685
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1	
			48 11 J2			19 – 60	1.8	1	
		 	49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1	
			49 11 A2			19 – 60	1.8	1	
00 20 04 SB	062417	Precision Circlip Pliers Set							1275
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1	
			48 11 J2			19 – 60	1.8	1	
		 	48 21 J11		DIN 5256 D; 90° angled jaws	12 – 25	1.3	1	
			48 21 J21			19 – 60	1.8	1	
		 	49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1	
			49 11 A2			19 – 60	1.8	1	
		  	49 21 A11		DIN 5254 B; 90° angled jaws	10 – 25	1.3	1	
			49 21 A21			19 – 60	1.8	1	

Circlip Pliers Sets

► For internal and external circlips

- > Attractive sales packaging with Euro standard perforation
- > Sturdy plastic retail packaging, also suitable for storage of the pliers
- > Contains popular Precision Circlip Pliers for highest requirements; for internal and external circlips



00 20 03 V02



00 20 04 V01

Part No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	 g	
00 20 03 V02	077640	Set of Circlip Pliers								450
			44 11 J1	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1		
			44 11 J2			19 – 60	1.8	1		
		 MM	46 11 A1	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1		
			46 11 A2			19 – 60	1.8	1		
00 20 04 V01	077633	Set of Circlip Pliers								890
			44 11 J1	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1		
			44 11 J2			19 – 60	1.8	1		
		 90°	44 21 J11		DIN 5256 D; 90° angled jaws	12 – 25	1.3	1		
			44 21 J21			19 – 60	1.8	1		
		 MM	46 11 A1	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1		
			46 11 A2			19 – 60	1.8	1		
		 MM 90°	46 21 A11		DIN 5254 B; 90° angled jaws	10 – 25	1.3	1		
			46 21 A21			19 – 60	1.8	1		

Tool Box "SRZ"

8 parts

- > High-quality, impact-resistant plastic case
- > Contains common Precision Circlip Pliers for highest requirements; for internal and external circlips
- > Precisely-sized recesses for holding the pliers
- > Clearly organised storage of tools
- > Dimensions, exterior (W x H x D): 260 x 80 x 210 mm



00 21 25

Part No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	 g	
00 21 25	050131	Tool Box "SRZ" Circlip Pliers								1635
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12 – 25	1.3	1		
			48 11 J2			19 – 60	1.8	1		
		 ∠90°	48 21 J11		DIN 5256 D; 90° angled jaws	12 – 25	1.3	1		
			48 21 J21			19 – 60	1.8	1		
		 MM	49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10 – 25	1.3	1		
			49 11 A2			19 – 60	1.8	1		
		 MM ∠90°	49 21 A11		DIN 5254 B; 90° angled jaws	10 – 25	1.3	1		
			49 21 A21			19 – 60	1.8	1		

CARPENTERS' PINCERS AND CONCRETERS' NIPPERS

Carpenters' Pincers

Carpenters' Pincers	082
Hammerhead Style Carpenters' Pincers	082
Farriers' Pincers (Tear-off pliers for vehicle bodywork)	083
End Cutting Nippers	083

Concreters' Nippers (Fixers' Nippers)

Concreters' Nippers	084
High Leverage Concreters' Nippers	085

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99 11 250

Carpenters' Pincers

- ▶ Extreme wear resistance and well balanced
- ▶ Specially favoured by craftsmen for their precise workmanship

- > For heavy duty use
- > Cutting edge hardness approx. 60 HRC
- > Special tool steel, forged, oil-hardened
- > DIN ISO 9243



50 00 160



50 00 210



50 01 160

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	g
50 00 160	023111	160					1.8	225
50 00 180	021940	180					2.0	320
50 00 210	021957	210	✂	black atramentized	polished		2.2	425
50 00 225	021964	225					2.2	440
50 00 250	022930	250					2.2	570
50 01 160	035275	160					1.8	235
50 01 180	035282	180					2.0	330
50 01 210	035299	210	✂	black atramentized	polished	with plastic coating	2.2	445
50 01 225	035305	225					2.2	465
50 01 250	035312	250					2.2	595

Hammerhead Style Carpenters' Pincers

- ▶ Multi-functional: driving in, pulling and cutting nails

- > With striking face to hammer down nails
- > Cutting edge hardness approx. 60 HRC
- > Special tool steel, forged, oil-hardened
- > DIN ISO 9243



Multi-functional: driving in, pulling and cutting nails



51 01 210

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	g
51 01 210	023104	210	✂	black atramentized	polished	with plastic coating	2.2	413

Farriers' Pincers

(Tear-off pliers for vehicle bodywork)

- ▶ With small head and anvil for redirecting horseshoe-nails

- > The ideal pliers for the farrier
- > Also suitable for dismantling work in vehicle body workshops
- > Cutting edges additionally hardened; cutting edge hardness approx. 59 HRC
- > Special tool steel, forged, multi stage oil-hardened



55 00 300

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Head width (W3) mm	⚖ g
55 00 300	039402	300	🟢	black atramentized	polished	20.0	780

End Cutting Nippers

- ▶ Suitable for twisting and cutting binding wire
- ▶ The head shape provides optimised movement when tightening steel mesh knots during reinforced concrete work

- > With cutting edges for soft and hard wire
- > Cutting edges additionally hardened; cutting edge hardness approx. 61 HRC
- > High-grade special tool steel, forged, multi stage oil-hardened
- > DIN ISO 5748



68 01 180



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities			⚖ g
							☐ Ø mm	◐ Ø mm	◑ Ø mm	
68 01 160	013792	160	🟢	black atramentized	polished	with plastic coating	4.0	2.8	2.3	202
68 01 180	013808	180					4.0	3.2	2.5	284
68 01 200	013815	200					4.0	3.5	2.8	319
68 01 280	077664	280					4.5	4.0	3.2	465

Concreters' Nippers

(Fixers' Nippers)

- Suitable for twisting and cutting binding wire
- Fast, reliable and economical

> Cutting edges additionally hardened; cutting edge hardness approx. 61 HRC
 > High-grade special tool steel, forged, multi stage oil-hardened
 > DIN ISO 9242



99 00 220



99 01 220



99 04 220



Article No.	EAN	↔ mm		Pliers	Head	Handles	Cutting capacities		
							● Ø mm	● Ø mm	△ g
99 00 200	014393	200	✂	black atramentized	polished		1.8	1.4	230
99 00 220	013273	220					2.4	1.6	315
99 00 250	013280	250					2.4	1.6	405
99 00 280	014096	280					2.8	1.8	455
99 00 300	014409	300					3.1	1.8	510
99 01 200	021452	200	✂	black atramentized	polished	plastic coated	1.8	1.4	247
99 01 220	021469	220					2.4	1.6	335
99 01 250	021483	250					2.4	1.6	429
99 01 280	021490	280					2.8	1.8	480
99 01 300	014416	300					3.1	1.8	548
99 04 220	048398	220	✂	bright zinc plated			2.4	1.6	315
99 04 250	048213	250					2.4	1.6	405
99 04 280	048220	280					2.8	1.8	455

High Leverage Concreters' Nippers

- ▶ Fast, reliable and economical
- ▶ 25% less effort required compared to conventional concreters' nippers of the same size
- ▶ Extra-slim form for tying deep mounted steel rods
- ▶ High-leverage joint, minimising strain, even when thick binding wires are used

- > The high damping of the cutting stroke on cutting through the binding wire reduces the strain on tendons and muscles
- > Cutting edges additionally hardened; cutting edge hardness approx. 61 HRC
- > To lace concrete reinforcing steel with binding wire from a roll
- > Wire is twisted and cut in a single pass
- > High-leverage joint, minimising strain, even when thick binding wires are used
- > High-grade special tool steel, forged, multi stage oil-hardened
- > DIN ISO 9242



99 10 250



99 10 300



99 11 250



99 14 250



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Head width (W3) Ø mm	△ g
							● Ø mm	● Ø mm		
99 10 250	071396	250	✂	black atramentized	polished		3.3	1.8	25.0	350
99 10 300	022398	300	✂	black atramentized	polished		3.8	2.0	25.0	501
99 11 250	071402	250	✂	black atramentized	polished	with plastic coating	3.3	1.8	25.0	429
99 11 300	042365	300	✂	black atramentized	polished	with plastic coating	3.8	2.0	25.0	537
99 14 250	071419	250	✂	zinc plated			3.3	1.8	25.0	350
99 14 300	028116	300	✂	zinc plated			3.8	2.0	25.0	505

CUTTING PLIERS

PRODUCT FINDER FOR CUTTING PLIERS 088

Diagonal Cutters

Diagonal Cutters for plastics	090
Diagonal Cutter for fibre optics	091
High Leverage Flush Cutter	091
Diagonal Cutters	094
Diagonal Cutter for electromechanics	095
KNIPEX X-Cut® – Compact Diagonal Cutters	096
KNIPEX TwinForce – High Performance Diagonal Cutters	097
High Leverage Diagonal Cutters	098

Bolt Cutters

KNIPEX CoBolt S – Compact Bolt Cutters	100
KNIPEX CoBolt – Compact Bolt Cutters	101
KNIPEX CoBolt XL – Compact Bolt Cutters	103
Bolt Cutters	104
Concrete Mesh Cutter	105

End Cutting Nippers

Bolt End Cutting Nippers	106
High Leverage End Cutting Nippers	107
End Cutting Nippers	107

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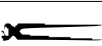
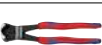
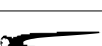


71 02 200

PRODUCT FINDER

FOR CUTTING PLIERS

The numerous varieties of plastic and metal materials often require special tools for a clean cut. Find the right one for you here.

				Type	Nails/ staples	Plastic			Natural and synthetic fibres		
				Illustration							
				Material	Nails/ staples	PU, PE, PTFE, PVC, PP, GRP	Rubber, NBR EPDM	Tarpaulins, mats	Ropes	Flat mate- rial (belts, straps, etc.)	Kevlar
				Application, e.g. ►	Wood industry, agriculture/ forestry, fence construction	Plastics industry/ processing, automotive	Seals (cars, windows, etc.) Edge protection	Truck tarpau- lins, rubber mats, foil tarpaulins	Synthetic fibre/natural/ hemp ropes	Synthetic fibre/hemp belts, natural fibres	Kevlar threads/ fabrics
	Illustration	Part No.	Special features/properties ▼								
Diagonal Cutters		70 er P. 94	Compact and lightweight, good all-rounder for light work	–	✓	✓	–	–	–	–	–
		72er P. 90	Specially designed for cutting plastics (various head geometries)	–	✓✓	✓✓	–	–	✓	✓	–
		73 160 P. 96	Compact/lightweight/universal/very stable, cuts fine wire strands / piano wire	–	✓	✓	–	–	✓	–	–
		73 180 P. 97	For cutting smaller, harder wires or bolts	–	–	–	–	–	–	–	–
		74er P. 98	Robust (for tougher 'construction site use')/universal, also cuts piano wire	–	✓	✓	–	–	✓	–	–
		76er P. 95	For good accessibility, cutting soft to medium-hard wires	–	✓	✓	–	–	–	–	–
Bolt Cutters		71er P. 100	With high lever transmission and robust construction for versatile use	–	–	–	–	–	–	–	–
		71 72er P. 104	More robust for cutting thicker metal rods or locks	–	–	–	–	–	–	–	–
Shears		94 15 215 P. 150	For cutting ribbon cables	–	–	–	–	–	✓	–	–
		94 35 215 P. 151	Cuts plastic, wood or rubber sections, with angle indication	–	✓✓	✓✓	–	–	✓✓	✓✓	–
		94 55 200 P. 150	Robust shears for cutting soft materials	–	✓✓	✓✓	–	✓	–	–	–
		95 02 21 P. 151	Cable duct shears for cutting plastic cable ducts	–	✓✓	–	–	–	–	–	–
		95 03 160 P. 152	For KEVLAR® fibres	–	–	–	–	✓	✓	✓	✓✓
		95 05 XX P. 152	Universal shears for soft, thin materials (plastics/films/straps)	–	✓	✓✓	✓✓	–	✓✓	✓✓	–
		95 6X P. 176	Cuts wire ropes and small round bars for a straight cut edge	–	–	–	–	–	–	–	–
End Cutting Nippers		50er P. 82	For cutting (small) and pulling out nails/staples from wood	✓✓	✓	–	–	–	–	–	–
		51er P. 82	Ideal for fence construction: cutting wire, hammering in/pulling out nails/staples	✓✓	✓	–	–	–	–	–	–
		55er P. 83	Ideal for farriers and bodywork construction	✓✓	✓	–	–	–	–	–	–
		61er P. 106	Strong, robust end cutting nippers for thicker nails, split pins and bolts	–	✓	–	–	–	–	–	–
		67er P. 107	With high lever transmission and robust construction for heavy-duty use, it also cuts piano wire	–	✓	–	–	–	–	–	–
		68er P. 83	For braiding work: tighten knots by tensioning (roll over head)	–	✓	–	–	–	–	–	–
		99er P. 84	Classic, robust Concreters' Nippers for everyday use on construction sites	–	✓	–	–	–	–	–	–
		99 1er P. 85	Highly leveraged Concreters' Nippers for thicker roofing wire	–	✓	–	–	–	–	–	–

✓✓ Particularly suitable, main function, observe capacity limits
 ✓ Suitable with restrictions, as a secondary function/option

– Not suitable, the tool may or will be damaged while cutting

	Copper, aluminium			Steel, wire rope		Steel, wire rope	Steel		Piano wire, spring steel wire	
										
Wood	Copper	Cables	Aluminium	Nails, round material, structural steel	Wires (plastic-coated), fences	Bowden cables, wire, steel, stainless steel cables	Screws	Bolts	Piano wire, tyre cord wire	Spring steel wire
Round wooden rods, branches, twigs	Cables, electric motors, fuse boxes, power boxes.	Especially ribbon cables	Aircraft construction, high-voltage cables, various applications	Wooden joints, fastening wires, fences	Barbed wire, fences	Railings, ceiling suspensions, sun sails, bicycles, motorcycles	Wood/machine screws	Unhardened steel bolts	Car and lorry tyres	Tension/pressure springs, piano strings, very hard wires
-	✓✓	-	✓✓	✓✓	✓✓	-	✓	✓	-	-
-	-	-	-	-	-	-	-	-	-	-
-	✓✓	-	✓✓	✓✓	✓✓	-	✓✓	✓✓	✓	✓✓
-	✓	-	✓	✓✓	✓✓	-	✓✓	✓✓	✓✓	✓✓
-	✓✓	-	✓✓	✓✓	✓✓	-	✓✓	✓✓	✓	✓✓
-	✓✓	-	✓✓	✓✓	✓✓	-	✓✓	✓✓	-	-
-	✓	-	✓	✓✓	✓✓	-	✓✓	✓✓	✓	✓✓
-	-	-	-	✓✓	✓	-	✓✓	✓✓	-	-
-	-	✓✓	-	-	-	-	-	-	-	-
✓	-	✓✓	-	-	-	-	-	-	-	-
✓✓	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	✓	-	-	-	-	-	-	-	-
-	✓	-	✓	✓	✓✓	✓✓	-	-	✓✓	-
-	✓✓	-	✓✓	✓✓	✓✓	-	✓	✓	-	-
-	✓✓	-	✓✓	✓✓	✓✓	-	✓	✓	-	-
-	✓✓	-	✓✓	✓✓	✓✓	-	✓	✓	-	-
-	✓✓	-	✓✓	✓✓	✓✓	-	✓	✓	-	-
-	✓✓	-	✓✓	✓✓	✓✓	-	✓✓	✓✓	✓✓	✓✓
-	✓✓	-	✓✓	✓✓	✓✓	-	✓✓	✓✓	✓✓	✓✓
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-	✓✓	-	✓✓	✓✓	✓✓	-	✓	✓	-	-
-	✓✓	-	✓✓	✓✓	✓✓	-	✓	✓	-	-

Diagonal Cutters

for plastics

- > Cutting face flush
- > For nearly flush cutting of moulded plastic components from sprues
- > Cuts soft materials such as lead in a flush cut
- > With opening spring
- > Vanadium electric steel; forged, oil-hardened

72 01 160

- > With elongated cutting edge



72 01 160



72 02 125



72 11 160



72 21 160

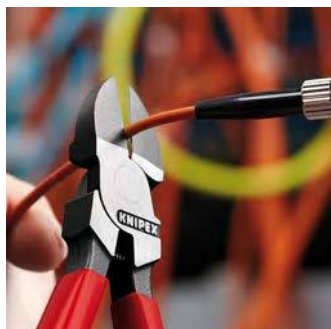


Part No.	EAN 4003773-	↔ mm		Head	Handles	⚖ g
72 01 140	043713	140				120
72 01 160	041245	160	✂	polished	with plastic coating	164
72 01 180	046837	180				193
72 02 125	044215	125	✂	polished	with multi-component handles	109
72 11 160	046813	160	✂ 45°	polished	with plastic coating	156
72 21 160	046820	160	✂ 85°	polished	with plastic coating	165
72 09 01	053415	Opening spring for 72 01				

Diagonal Cutter

for fibre optics

- > Specially developed for cutting fibre optics
- > Cutting face flush
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 63 HRC
- > With opening spring
- > Vanadium electric steel, forged, multi stage oil-hardened



72 51 160

Part No.	EAN 4003773-	↔ mm		Head	Handles	⚖ g
72 51 160	028031	160	                              	polished	with plastic coating	166

High Leverage Flush Cutter (PATENTED)

for soft metal and plastic

- ▶ For easy and flush cutting of soft metal or thicker profiles and plastic components

- > Energy-saving, flush cutting also of thick workpieces due to extremely effective lever action mechanism
- > Space for hands and flush cutting due to 20° angled head with joint bar on one side
- > Opening spring and locking device are integrated in the handles for comfortable work and safe transport
- > Precision cutting edges for soft material
- > Durable due to induction-hardened cutting edges to 59 HRC
- > Chrome vanadium electric steel, forged, multi stage oil-hardened



72 62 200



Clean, flush cutting of copper conductor rails



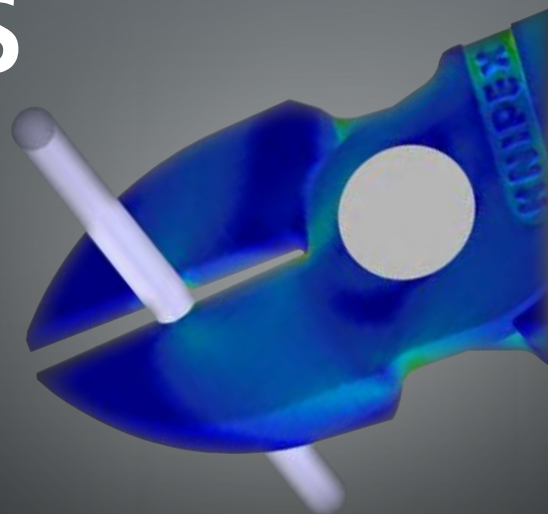
Ideal for the flush cutting plastic sprues with large diameters



Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities  Ø mm	⚖ g
72 62 200	081913	200	                              	black atramentized	with slim multi-component grips	6.0	375

KNIPEX – WORLD OF DIAGONAL CUTTERS

With four tailor-made diagonal cutters, KNIPEX provides solutions for every application. An extraordinary variety ensures an excellent response from the "KNIPEX World of Diagonal Cutters" to whatsoever specification.



Diagonal Cutter

The classic model.

The indispensable cutting tool for versatile use. Long cutters for cable cutting. Precise, also for the finest stranded wires.



Hand force is multiplied by 12

High Leverage Diagonal Cutter

The robust model.

For very tough, continuous use. Forged on hinged joint for robust use.



Hand force is multiplied by 13

KNIPEX X-Cut®

The all-rounder.

Compact and light. Powerful and precise. Box joint: greatest stability with little weight.

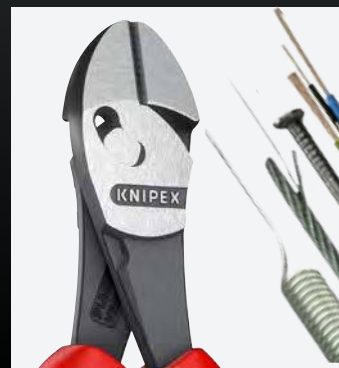


Hand force is multiplied by 16

KNIPEX TwinForce

The superior model.

For user-friendly cutting, repetitive cutting and for particularly hard cutting jobs. The reapplying cutter – double-hinged design.



Hand force is multiplied by 39



KNIPEX TwinForce

High Leverage Diagonal Cutter

KNIPEX X-Cut®

Diagonal Cutter

Comparison of manual force required in kilos when cutting a nail with Ø 3 mm

*with reapplying



Diagonal Cutters

► Narrow head style for use in confined areas

- > The indispensable diagonal cutter for all-round use
- > High-quality material and precise workmanship for long service life
- > Precision cutting edges for soft and hard wire
- > Clean cutting of thin copper wires, also at the cutting edge tips
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC
- > Vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 5749

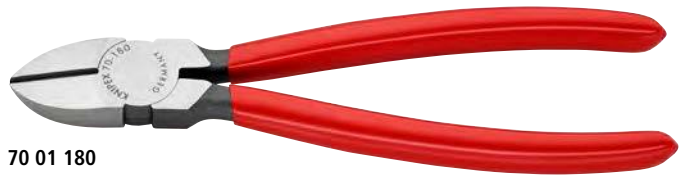
70 02 125 / 70 02 160 / 70 02 180

70 05 125 / 70 05 160 / 70 05 180

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

70 06 160 T / 70 06 180 T*

- > Pliers with integrated tether attachment point for a tool tether



70 01 180



70 02 180



70 06 180



70 07 180

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities			
							⊘ mm	⊘ mm	⊘ mm	Δ g
70 01 110	014324	110					3.0	2.0	1.2	80
70 01 125	013402	125					3.0	2.3	1.5	80
70 01 140	013419	140	✂	black atramentized	polished	with plastic coating	4.0	2.5	1.8	126
70 01 160	013426	160					4.0	3.0	2.0	171
70 01 180	018070	180					4.0	3.0	2.5	200
70 02 125	034025	125				with comfort handles	3.0	2.3	1.5	119
70 02 140	023098	140	✂	black atramentized	polished	with multi-component handles	4.0	2.5	1.8	150
70 02 160	034032	160				with comfort handles	4.0	3.0	2.0	206
70 02 180	034049	180					4.0	3.0	2.5	252
70 05 125	039501	125				with comfort handles	3.0	2.3	1.5	119
70 05 140	039488	140	✂		chrome-plated	with multi-component handles	4.0	2.5	1.8	154
70 05 160	039600	160		chrome-plated	chrome-plated		4.0	3.0	2.0	
70 05 180	043706	180				with comfort handles	4.0	3.0	2.5	246
70 06 125	018124	125					3.0	2.3	1.5	121
70 06 140	040293	140	✂				4.0	2.5	1.8	160
70 06 160	021995	160	⚡ 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	4.0	3.0	2.0	216
70 06 180	033813	180					4.0	3.0	2.5	254
70 06 160 T	081463	160	✂			insulated with multi-component grips with integrated tether attachment point, VDE tested	4.0	3.0	2.0	230
70 06 180 T	081470	180	⚡ 1000 V	chrome-plated	chrome-plated		4.0	3.0	2.5	270
70 07 160	018155	160	✂			with dipped insulation, VDE-tested	4.0	3.0	2.0	227
70 07 180	018179	180	⚡ 1000 V	chrome-plated	chrome-plated		4.0	3.0	2.5	269
70 15 110	029649	110	✂	chrome-plated	chrome-plated	with multi-component handles	3.0	2.0	1.2	98
70 26 160	018223	160	⚡ 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	4.0			216

Diagonal Cutter

for electromechanics

- > With sharp, precisely aligned cutting edges
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 63 HRC
- > Lap joint
- > Vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 5749

76 05 125

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

76 12 125

- > Low-friction double spring for smooth and even opening

76 22 125

- > Low-friction double spring for smooth and even opening
- > Without bevel for flush cutting of soft wires

76 81 125

- > Particularly tapered head with small bevel for work in confined areas (cable harnesses, multiple stranded wires)



76 01 125



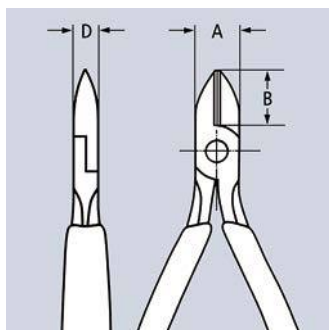
76 03 125



76 05 125



76 12 125



76 81 125

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				Dimensions			
							Ø mm	Ø mm	Ø mm	Ø mm	A Ø mm	B Ø mm	D Ø mm	Δ g
76 01 125	044482	125	🟢	black atramentized	polished	with plastic coating	0.4 – 3.0	2.3	1.5	0.6	14.5	16.0	9.0	85
76 03 125	048923	125	🟢	chrome-plated	chrome-plated	with plastic coating	0.4 – 3.0	2.3	1.5	0.6	14.5	16.0	9.0	85
76 05 125	005315	125	🟢	chrome-plated	chrome-plated	with comfort handles	0.4 – 3.0	2.3	1.5	0.6	14.5	16.0	9.0	118
76 12 125	048015	125	🟢	black atramentized	polished	with multi-component handles	0.4 – 3.0	2.3	1.5	0.6	14.5	16.0	9.0	112
76 22 125	048022	125	🔴	black atramentized	polished	with multi-component handles	0.4 – 2.5				14.5	16.0	9.0	107
76 81 125	040644	125	🟡	black atramentized	polished	with plastic coating	0.4 – 1.7	1.3	0.8		14.5	16.0	9.0	85

KNIPEX X-Cut®

PATENTED

Compact Diagonal Cutters

high lever transmission

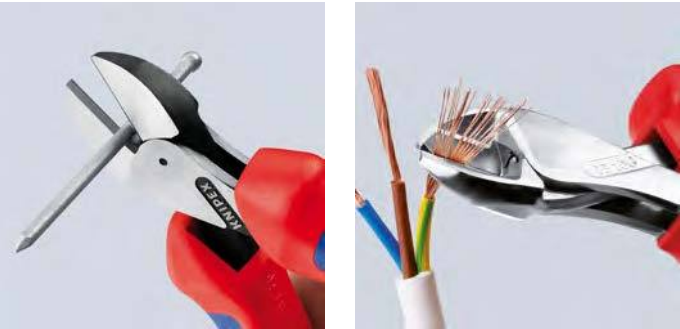
- ▶ Cuts finest strands as well as multi-core cables and piano wires
 - ▶ Powerful, light and universal

- > High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio
 - > Box-joint design: highest stability with low weight
 - > Doubly supported joint axis for heavy duty
 - > Large opening width for thicker cables
 - > Cuts precisely, even through fine copper wires
 - > Compact, low-weight construction
 - > Universally usable, in the assembly, maintenance and production
 - > 40% less force required compared with standard diagonal cutters of the same length
 - > Precision cutting edges also induction-hardened (hardness approx. 62 HRC), for all wire types including piano wire
 - > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened
 - > DIN ISO 5749



40% less effort required

Compared to standard or classic diagonal cutters.
With double-mounted hinged joint



Box-joint design: highest stability with low weight



Part No.	EAN	↔ mm		Pliers	Head	Handles	Cutting capacities					g
							Ø mm	Ø mm	Ø mm	Ø mm	Ø mm	
73 02 160	4003773-075127	160		black atramentized	polished	with multi-component handles	4.8	3.8	2.7	2.2	12.0	175
73 06 160	075141	160		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	4.8	3.8	2.7	2.2	12.0	175

KNIPEX TwinForce

High Performance Diagonal Cutters

▶ The superior high leverage diagonal cutter with patented double joint

- > Ideal transmission of force due to double-hinged design
- > Reliably cuts all types of wire, including steel tape
- > For rough or very fine cutting
- > Low cutting impact: gentle on hands. The tension on muscles and tendons is relieved
- > For comfortable cutting, repetitive cutting or extremely hard cutting jobs
- > High degree of stability and zero-backlash due to precisely milled forged-in axles
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 5749

73 71 180

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

73 72 180 F

- > With opening spring to simplify reapplication and for repetitive cutting



73 71 180



73 72 180



73 72 180 F



The high performance diagonal cutters with opening spring for easier reapplication and for heavy use

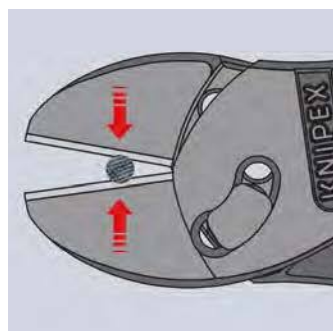


The opening spring can be easily activated and deactivated by a press of the thumb

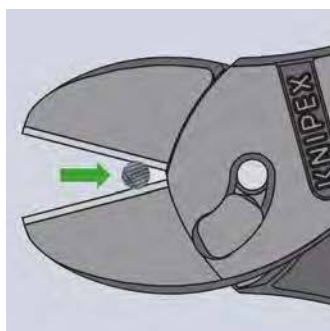
Cuts 50% easier than the tried and tested KNIPEX high leverage diagonal cutters

The KNIPEX TwinForce cuts even 4 mm thick wire without great effort when reapplied two or three times.

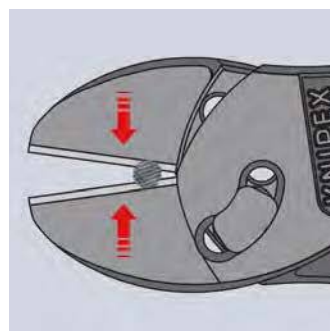
Conventional high leverage diagonal cutters either cannot cut these diameters or only with very great effort.



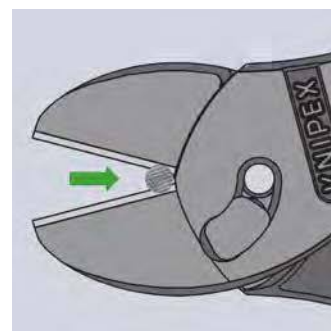
Insert the wire as close to the hinge as possible. In case of cutters with very high transmission, the width of the gap between the cutting edges close to the fulcrum may be less than the thickness of the wire. Wires may slip forward when the cutting starts.



First make a notch in the wire using the KNIPEX TwinForce until the required hand force increases considerably. Now open the pliers and slide the wire backwards towards the joint. Hold the cutting edge in the notches you have made in step 1.



Continue cutting in the same location along the wire. Now cutting is much easier because the wire remains in place closer to the fulcrum.



You can repeat this process if necessary.

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				g
							Ø mm	Ø mm	Ø mm	Ø mm	
73 71 180	074762	180	✓	black atramentized	polished	with plastic coating	5.5	4.6	3.2	3.0	255
73 72 180	074779	180	✓	black atramentized	polished	with comfort handles	5.5	4.6	3.2	3.0	280
73 72 180 F	077657	180	✓	black atramentized	polished	with comfort handles	5.5	4.6	3.2	3.0	280

High Leverage Diagonal Cutters

- > For very tough, continuous use
- > High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio
- > Precision cutting edges also induction-hardened (hardness approx. 64 HRC), for all wire types including piano wire
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened
- > DIN ISO 5749

Length 250 mm

- > The 250 mm diagonal cutter is suitable for copper conductors up to 16 mm² and aluminium conductors up to 35 mm²

74 02 / 74 05 / 74 12 / 74 22

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

74 06 200 T / 74 06 250 T*

- > Pliers with tether attachment point for a tool tether



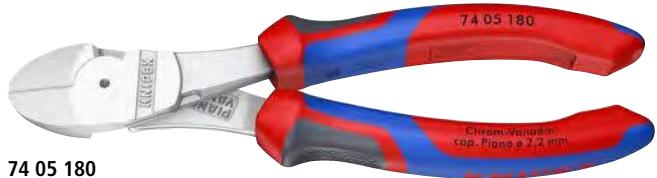
74 01 200



74 02 180



74 02 200



74 05 180



74 06 200



74 06 200 T



74 07 200



74 12 180



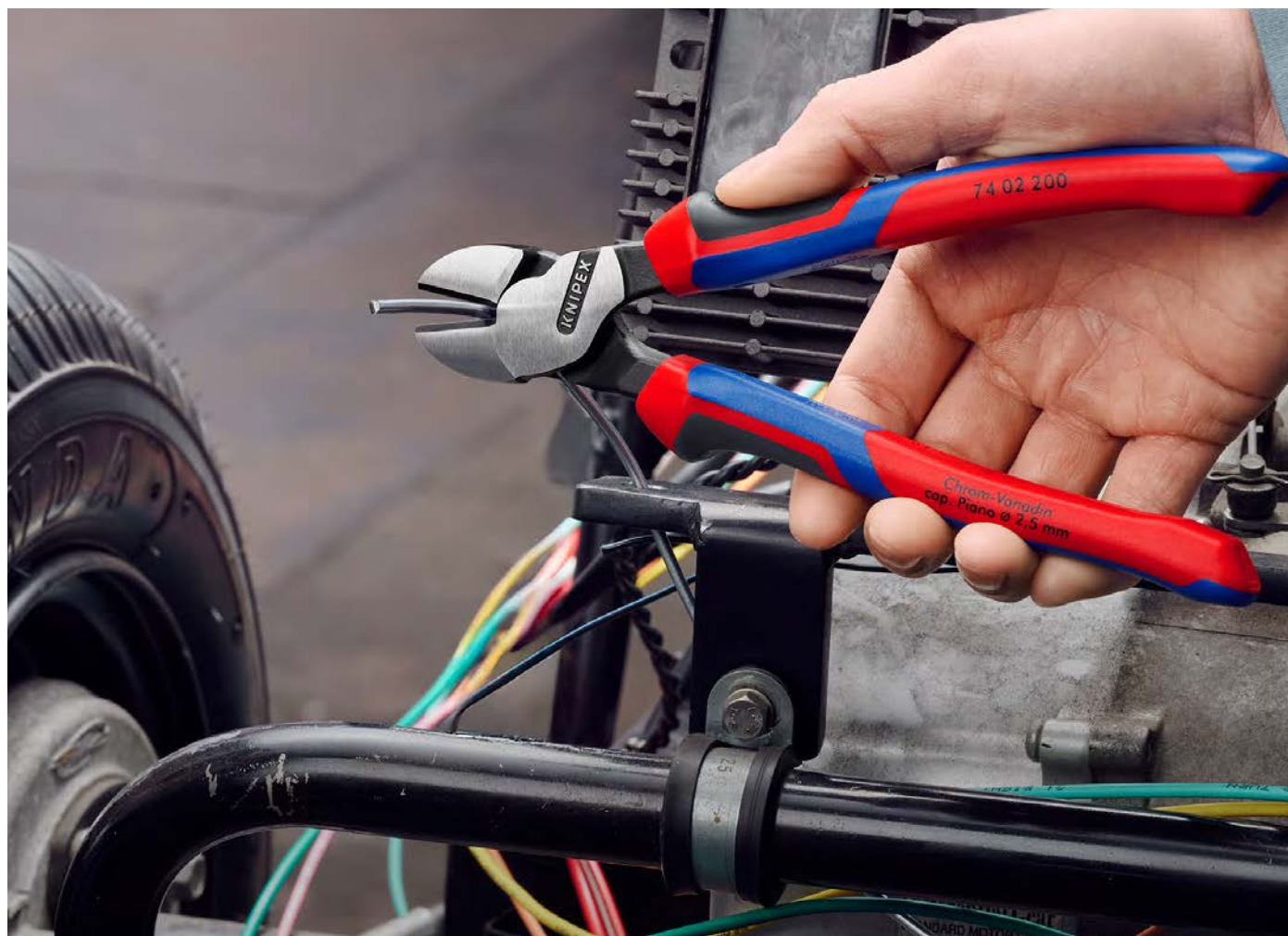
74 12: just gentle sliding with your thumb will activate the opening spring



74 12: opening spring in deactivated position



With integrated forged axle for heavy duty



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities			g
							Ø mm	Ø mm	Ø mm	
74 01 140	039747	140					3.1	2.0	1.5	131
74 01 160	033141	160					3.4	2.5	2.0	178
74 01 180	022008	180	✂	black atramentized	polished	with plastic coating	3.8	2.7	2.2	241
74 01 200	034056	200					4.2	3.0	2.5	263
74 01 250	034063	250					4.6	3.5	3.0	391
74 02 140	042419	140				with multi-component handles	3.1	2.0	1.5	157
74 02 160	023081	160					3.4	2.5	2.0	209
74 02 180	023074	180	✂	black atramentized	polished	with comfort handles	3.8	2.7	2.2	273
74 02 200	040309	200					4.2	3.0	2.5	304
74 02 250	042402	250					4.6	3.5	3.0	437
74 05 140	039617	140				with multi-component handles	3.1	2.0	1.5	157
74 05 160	022961	160					3.4	2.5	2.0	209
74 05 180	022978	180	✂	chrome-plated	chrome-plated	with comfort handles	3.8	2.7	2.2	270
74 05 200	035367	200					4.2	3.0	2.5	303
74 05 250	039754	250					4.6	3.5	3.0	440
74 06 160	040705	160					3.4	2.5	2.0	215
74 06 180	022985	180	✂ ⚡ 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.8	2.7	2.2	280
74 06 200	033820	200					4.2	3.0	2.5	304
74 06 250	041955	250					4.6	3.5	3.0	453
74 06 200 T	081494	200	✂ ⚡ 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	4.2	3.0	2.5	305
74 06 250 T	081500	250	✂ ⚡ 1000 V	chrome-plated	chrome-plated		4.6	3.5	3.0	465
74 07 200	018414	200	✂ ⚡ 1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	4.2	3.0	2.5	328
74 07 250	018421	250					4.6	3.5	3.0	510
74 12 160	065111	160	✂ MM	black atramentized	polished	with multi-component handles	3.4	2.5	2.0	209
74 12 180	060192	180				with comfort handles	3.8	2.7	2.2	273
74 21 200	050483	200	✂ ∠25°	black atramentized	polished	with plastic coating	4.2	3.0	2.5	278
74 21 250	045021	250					4.6	3.5	3.0	390
74 22 200	051831	200	✂ ∠25°	black atramentized	polished	with comfort handles	4.2	3.0	2.5	300
74 22 250	071372	250					4.6	3.5	3.0	437

KNIPEX CoBolt S

Compact Bolt Cutters

- ▶ Extremely high cutting performance in a convenient length of 160 mm
- ▶ Small, slim head for excellent accessibility

- > Compact and powerful: cuts bolts, nails, rivets etc.
- > Heavy duty, induction-hardened cutting edge for thin, hard wire, screws and springs. Cutting edge hardness approx. 64 HRC
- > Less physical effort due to efficient lever action mechanism
- > No slipping of the material to be cut due to lasered cutting edge
- > With gripping surface below the joint for gripping and pulling wires from Ø 1.0 mm
- > Blades with recess for easier cutting of larger cross-sections due to better leverage close to the fulcrum
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened

71 31 160

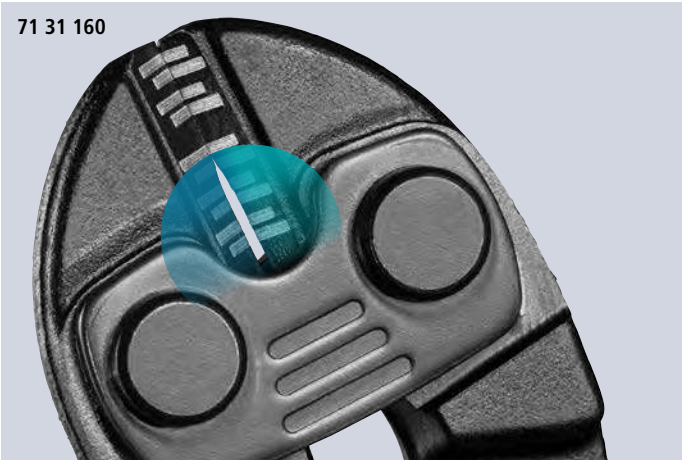
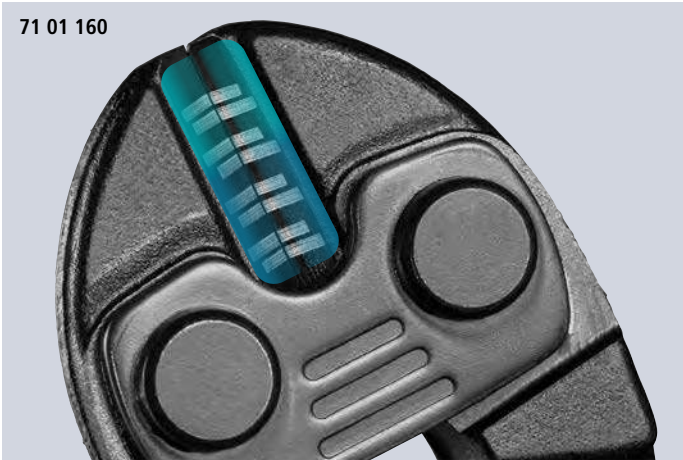
- > Blades with recess for easier cutting of larger cross-sections due to better leverage close to the fulcrum



71 01 160



71 31 160



Powerful through to the tips



Slim head for ideal accessibility



Compact, light and always to hand

Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities				⚖ g
						⊘ mm	⊘ mm	⊘ mm	⊘ mm	
71 01 160	082668	160	✂	black atramentized	with plastic coating	5.3	4.4	3.2	3.0	200
71 31 160	084587	160	✂	black atramentized	with plastic coating	5.3	4.8	3.6	3.3	200

KNIPEX CoBolt

Compact Bolt Cutters

- > With precision cutting edges for soft, hard and piano wire
- > Cuts bolts, nails, rivets, etc. up to Ø 5.2 mm
- > Efficient joint design ensures exceptional cutting performance with little effort
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened

71 12 200

- > Opening spring and locking device are integrated in the handles for comfortable work and safe transport

71 02 200 T*

- > Pliers with integrated tether attachment point for a tool tether



71 01 200



71 02 200



71 02 200 T



Micro-structured cutting edge reduces slipping of the material from the jaws



With gripping surface below the joint for gripping and pulling wires from Ø 1.0 mm



71 12 200

60% less effort required compared to conventional high leverage diagonal cutters

The ingenious lever action mechanism guarantees an extremely favourable lever ratio with very low friction. Manual force is reinforced up to 30 times.

Part No.	EAN 4003773	↔ mm		Pliers	Handles	Cutting capacities				
						⊙ Ø mm	◐ Ø mm	◑ Ø mm	● Ø mm	⚖ g
71 01 200	033165	200	✖	black atramentized	with plastic coating	6.0	5.2	4.0	3.6	335
71 02 200	047056	200	✖	black atramentized	with slim multi-component grips	6.0	5.2	4.0	3.6	365
71 02 200 T	080046	200	✖	black atramentized	with slim multi-component grips, with integrated tether attachment point for a tool tether	6.0	5.2	4.0	3.6	375
71 12 200	066859	200	✖	black atramentized	with slim multi-component grips	6.0	5.2	4.0	3.6	375

* Other tools with tethering can be found from page 262

KNIPEX CoBolt

PATENTED

Compact Bolt Cutters

► 20° angled head with joint bar on one side and diagonal cutting edge for almost flush cutting, with space for gripping

- > With precision cutting edges for soft, hard and piano wire
- > Cuts bolts, nails, rivets, etc. up to Ø 5.2 mm
- > Efficient joint design ensures exceptional cutting performance with little effort
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > With recess for easier cutting of thicker wires
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened

71 22 200 / 71 22 200 T

> Opening spring and locking device are integrated in the handles for comfortable work and safe transport

71 22 200 T*

> Pliers with integrated tether attachment point for a tool tether

71 41 200 / 71 42 200

> The recess in the blade allows easier cutting of thicker wires, e. g. for anchor bolts in false ceilings



71 21 200



71 22 200



71 22 200 T

60% less effort required compared to conventional high leverage diagonal cutters

The ingenious lever action mechanism guarantees an extremely favourable lever ratio with very low friction. Manual force is reinforced up to 30 times.



71 41 200 & 71 42 200



Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities				
						Ø mm	Ø mm	Ø mm	Ø mm	Δ g
71 21 200	066866	200	20°	black atramentized	with plastic coating	6.0	5.2	4.0	3.6	320
71 22 200	066873	200	20°	black atramentized	with slim multi-component grips	6.0	5.2	4.0	3.6	375
71 22 200 T	080053	200	20°	black atramentized	with slim multi-component grips, with integrated tether attachment point for a tool tether	6.0	5.2	4.0	3.6	370
71 41 200	066897	200	20°	black atramentized	with plastic coating	6.0	5.2	4.0	3.6	335
71 42 200	087212	200	20°	black atramentized	with slim multi-component grips	6.0	5.2	4.0	3.6	380

KNIPEX CoBolt

Compact Bolt Cutters

- > With precision cutting edges for soft, hard and piano wire
- > Cuts bolts, nails, rivets, etc. up to Ø 5.2 mm
- > Efficient joint design ensures exceptional cutting performance with little effort
- > With recess for easier cutting of thicker wires
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened

71 31 200 / 71 32 200 T*

- > Opening spring and locking device are integrated in the handles also for comfortable work and protected transport

71 32 200 T*

- > Pliers with integrated tether attachment point for a tool tether



71 31 200



71 32 200



Part No.	EAN 4003773	↔ mm		Pliers	Handles	Cutting capacities				⚖ g
						⊘ mm	⊘ mm	⊘ mm	⊘ mm	
71 31 200	042327	200	✂	black atramentized	with plastic coating	6.0	5.2	4.0	3.6	330
71 32 200	066880	200	✂	black atramentized	with slim multi-component grips	6.0	5.2	4.0	3.6	370
71 32 200 T	080060	200	✂	black atramentized	with slim multi-component grips, with integrated tether attachment point for a tool tether	6.0	5.2	4.0	3.6	380

KNIPEX CoBolt XL

Compact Bolt Cutters

- ▶ For powerful cutting of larger cross-sections as well as very hard materials
- ▶ Two-hand operation for maximum cutting force
- > 60% less effort required compared to conventional high-leverage diagonal cutters
- > 40-fold increase of manual force due to special joint design
- > With gripping surface below the joint for gripping and pulling wires from Ø 1.0 mm
- > Induction-hardened precision blades: cutting edge hardness approx. 64 HRC
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened

71 01 250

- > Straight cutting edges

71 31 250

- > Blades with recess for easier cutting of larger cross-sections due to better leverage close to the fulcrum



71 01 250



71 31 250



71 31 250



Two-hand operation for maximum cutting force

Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities			⚖ g
						⊘ mm	⊘ mm	⊘ mm	
71 01 250	079637	250	✂	black atramentized	with plastic coating	5.6	4.0	3.8	465
71 31 250	079644	250	✂	black atramentized	with plastic coating	6.0	4.3	4.2	475

Bolt Cutters

- > Cutting capacity up to 48 HRC hardness
- > Robust cutting edges are additionally induction-hardened, cutting edge hardness approx. 62 HRC
- > Forged-in stopper with comfortable shock- absorber
- > Good access due to very flat construction of head and joint area
- > Ergonomically angled handles to minimise effort
- > Sturdy non-slip two-colour multi-component handle sleeves
- > Precise adjustment (12 positions) by eccentric bolt
- > High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio
- > Bolted cutter head, replaceable
- > Joint: special tool steel, forged
- > Handles: steel tube, powder-coated
- > Blade: chrome vanadium heavy-duty steel, forged, multi stage oil-hardened



Forged-in stopper with damping inserts:
cushions the cutting stroke comfortably



Part No.	EAN 4003773-	 mm		Head	Handles	Cutting capacities			 g
						HRC 19 Ø mm	HRC 40 Ø mm	HRC 48 Ø mm	
71 72 460	066750	460		grey atramentized	with multi-component handles	8.0	6.0	5.0	2100
71 72 610	066767	610				9.0	8.0	7.0	2550
71 72 760	066774	760				11.0	9.0	8.0	4250
71 72 910	066781	910				13.0	10.0	9.0	4950
71 79 460	066804	Spare cutter head for 71 72 460 complete with screws							
71 79 610	066811	Spare cutter head for 71 72 610 complete with screws							
71 79 760	066828	Spare cutter head for 71 72 760 complete with screws							
71 79 910	066835	Spare cutter head for 71 72 910 complete with screws							

Concrete Mesh Cutter

- > Cutting capacity up to 48 HRC hardness
- > Robust cutting edges are additionally induction-hardened, cutting edge hardness approx. 62 HRC
- > Forged-in stopper with comfortable shock-absorber
- > Good access due to very flat construction of head and joint area
- > Sturdy non-slip two-colour multi-component handle sleeves
- > Precise adjustment (12 positions) by eccentric bolt
- > High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio
- > Bolted cutter head, replaceable
- > Joint: special tool steel, forged
- > Handles: steel tube, powder-coated
- > Blade: chrome vanadium heavy-duty steel, forged, multi stage oil-hardened



The special shape of the mesh cutter head, 71 82 950, enables it to cut structural steel that is lying down flat



71 82 950

Part No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities			⚖ g
						HRC 19 Ø mm	HRC 40 Ø mm	HRC 48 Ø mm	
71 82 950	066798	950	▶◀	grey atramentized	with multi-component handles	11.0	9.0	6.0	4110
71 89 950	066842	Spare cutter head for 71 82 950 complete with screws							

Bolt End Cutting Nippers

High lever transmission

► Powerful, compact, comfortable

- > Better handling, greater capacity and lower handforce required compared to conventional bolt end cutting nippers
- > With cutting edges for soft, hard and piano wire
- > Particularly high cutting capacity with minimum effort due to optimum transmission ratio
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Vanadium electric steel, forged, multi stage oil-hardened

61 02 200

- > With slim multi-component grips without collar for better handling and easier transport; with large contact surface on the handles for better allotment of pressure and more comfort at work



61 01 200



61 02 200



Almost flush cutting of bolts, nails etc.



Particularly efficient for fence construction



Extraordinary cutting performance: also for piano wire

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				g
							Ø mm	Ø mm	Ø mm	Ø mm	
61 01 200	033172	200	✂ 85°	black atramentized	polished	with plastic coating	1.0 – 6.0	4.0	3.5	3.0	435
61 02 200	067047	200	✂ 85°	black atramentized	polished	with slim multi-component grips	1.0 – 6.0	4.0	3.5	3.0	435



High Leverage End Cutting Nippers

- > With cutting edges for soft, hard and piano wire
- > High cutting capacity with little effort due to optimum coordination of cutting edge angle and transmission ratio
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened
- > DIN ISO 5748



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				⚖ g
							☐ Ø mm	◐ Ø mm	◑ Ø mm	● Ø mm	
67 01 140	043690	140	✂	black atramentized	polished	with plastic coating	4.0	3.1	2.0	1.5	152
67 01 160	040620	160					4.5	3.4	2.5	2.0	237
67 01 200	040637	200					5.0	3.8	3.0	2.5	318

End Cutting Nippers

- ▶ Suitable for twisting and cutting binding wire
- ▶ The head shape provides optimised movement when tightening steel mesh knots during reinforced concrete work

- > With cutting edges for soft and hard wire
- > Cutting edges additionally hardened; cutting edge hardness approx. 61 HRC
- > High-grade special tool steel, forged, multi stage oil-hardened
- > DIN ISO 5748



68 01 180



68 01 280



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities			⚖ g
							☐ Ø mm	◐ Ø mm	◑ Ø mm	
68 01 160	013792	160	✂	black atramentized	polished	with plastic coating	4.0	2.8	2.3	202
68 01 180	013808	180					4.0	3.2	2.5	284
68 01 200	013815	200					4.0	3.5	2.8	319
68 01 280	077664	280					4.5	4.0	3.2	465

PIPE WRENCHES AND WATER PUMP PLIERS

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Pliers Wrenches

Pliers and a wrench in a single tool

- ▶ Replaces the need for sets of metric and imperial spanners
- ▶ Smooth jaws for damage free installation of plated fittings – working directly on chrome!
- ▶ Using laser-cut scales, the insulated KNIPEX pliers wrench can be set to the right wrench size for work on electrical systems away from the workpiece to be gripped

- > Quick adjustment with push button directly on the workpiece
- > Great for gripping, holding, pressing and bending workpieces
- > High lever transmission for strong gripping power
- > Zero backlash jaw pressure prevents damage to edges of sensitive components
- > Parallel jaws give a more solid grip; its design allows flexible adjustment of all widths up to the specified maximum size
- > Reliable catching of the hinge bolt: no unintentional shifting
- > The ratchet type principle allows quick and easy tightening and release of all bolted connections
- > Fast adjustment by pushing a button directly on the workpiece
- > No unintentional shift of the gripping jaws and no slipping of the joint
- > Zero backlash jaw pressure prevents damage to edges of sensitive surfaces
- > Chrome vanadium electric steel, forged, oil-hardened

125 mm

- > The mini pliers wrench for precision mechanics
- > Particularly suitable for working on small bolted connections
- > Very good access in very confined areas

150 mm

- > Ideal multi-purpose wrench in pocket size
- > Indispensable companion in emergency tool kit

180 mm

- > With narrow gripping jaws – for tightening situations that require a slim tool

250 mm

- > "Standard" version

300 mm

- > With widths across flats up to 68 mm, also for heavy-duty screwdriving work

180, 250 & 300 mm

- > With scaling for presetting the width apart from the workpiece

86 05 180 T / 86 05 250 T*

- > Pliers with integrated tether attachment point for a tool tether

86 02 180 / 86 05 150 / 86 05 180

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



86 01 180



86 01 300



86 02 180



86 02 250



86 03 125



86 03 250



86 05 150

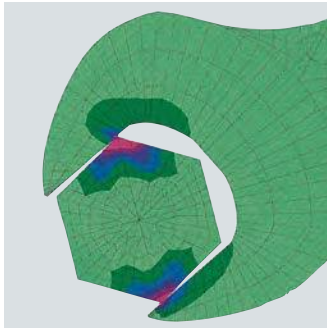


86 05 180

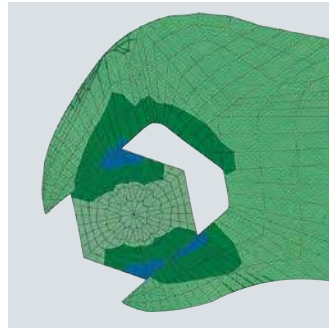
PERFECTLY GRIP, HOLD, PRESS AND BEND IN ANY SIZE



The smooth jaws grip all parallel surfaces in the capacity range with a high degree of pressure if necessary and open up almost unlimited application possibilities for the pliers wrench: e.g. for tightening locknuts, exerting pressure to activate the adhesive power of contact adhesives, edge breaking in tile work, snapping cable ties, utilisation as a small vice.



Conventional open end wrench: edge pressure causes surface damage



Pliers wrench: zero backlash contact pressure, no damage to edges



Replaces the need for sets of metric and imperial spanners



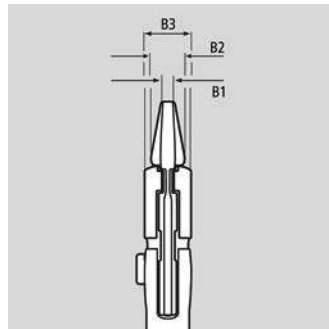
Ideal for bending operations



Opening width lasered onto the pliers head (metric on the front and imperial on the back)



Fast adjustment at the touch of a button



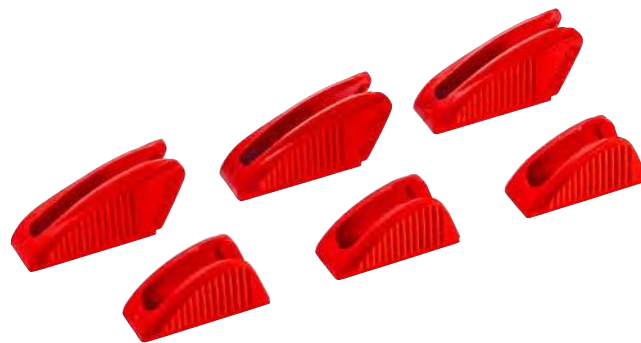
Part No.	EAN 4003773-	↔ mm		Pliers	Handles	 Inch	 mm	Adjustment positions	Dimensions			 g
									B1 mm	B2 mm	B3 mm	
86 01 180	084273	180		grey atramentized	with non-slip plastic coating	1 1/2	40.0	15	5.0	8.0	12.0	230
86 01 250	082385	250				2	52.0	19	8.0	8.0	14.0	465
86 01 300	084662	300				2 1/2	68.0	24	9.5	9.5	15.0	645
86 02 180	084280	180		grey atramentized	with comfort handles	1 1/2	40.0	15	5.0	8.0	12.0	255
86 02 250	082392	250			with multi-component handles	2	52.0	19	8.0	8.0	14.0	485
86 03 125	077497	125		chrome-plated	with plastic coating	7/8	23.0	11	3.0	5.0	9.5	105
86 03 150	069676	150				1	27.0	14	4.7	7.0	10.5	175
86 03 180	035466	180				1 1/2	40.0	15	5.0	8.0	12.0	230
86 03 250	033837	250				2	52.0	19	8.0	8.0	14.0	465
86 03 300	041429	300				2 1/2	68.0	24	9.5	9.5	15.0	656
86 05 150	069928	150		chrome-plated	with comfort handles	1	27.0	14	4.7	7.0	10.5	193
86 05 180	047162	180			with multi-component handles	1 1/2	40.0	15	5.0	8.0	12.0	260
86 05 250	047841	250				2	52.0	19	8.0	8.0	14.0	490
86 05 180 T	080121	180		chrome-plated	with multi-component grips, with integrated tether attachment point for a tool tether	1 1/2	40.0	15	5.0	8.0	12.0	260
86 05 250 T	080138	250				2	52.0	19	8.0	8.0	14.0	500
86 06 250	082408	250	1000 V	chrome-plated	insulated with multi-component grips, VDE-tested	2	52.0	19	8.0	8.0	14.0	525
87 09 125	074151	Assortment of spare parts for adjustment for 86 / 87 125										
86 09 150	073123	Assortment of spare parts Adjustment for 86 150										
86 09 180	037514	Assortment of spare parts Adjustment for 86 XX 180										
87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)										

* Other tools with tethering can be found from page 262

Protective Jaws

for 86 XX 180 / 86 XX 250 / 86 XX 300

- > The perfect choice for designer fittings and other highly sensitive materials due to the soft, smooth gripping surfaces
- > Permits use on chrome if the jaws of the pliers wrench have been damaged due to improper or rough use
- > Easily and reliably fitted to the gripping jaws and firmly holds in place
- > Set consisting of 3 pairs of protective jaws made of plastic (similar to illustrations)



86 09 250 V01



Part No.	EAN 4003773-	Description	g
86 09 180 V01	085805	3 pairs of plastic jaws for all 86 XX 180 models (models from 2019)	11
86 09 250 V01	084143	3 pairs of plastic jaws for all 86 XX 250 models (models from 2018)	14
86 09 300 V01	085812	3 pairs of plastic jaws for all 86 XX 300 models (models from 2020)	15

Pliers Wrench XS

PATENTED

Pliers and a wrench in a single tool

- ▶ Optimum accessibility, even in confined spaces: particularly compact design, very slim head
 - ▶ One-handed fine adjustment by pushing for the simplest adjustment to different workpiece sizes
- > Enormous gripping capacity with a tool length of only 100 mm; parallel jaw opening grips continuously up to 21 mm width across flats
 - > Robust sliding joint offers high stability and resilience
 - > Smooth jaws for the gentle assembly of sensitive fittings and parts with delicate surface finishes: can be used directly on chrome due to the smooth full-surface contact
 - > Versatile areas of application: precision engineering, plumbing, an essential part of any bicycle or motorcycle toolkit, EDC (Every Day Carry), model making
 - > Pinch guard prevents operators' fingers being pinched
 - > Fine adjustment with 10 adjustment positions



86 04 100



Due to the high lever transmission joint, the Pliers Wrench XS grips, presses and holds everything tightly



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

Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Hex Inch	Hex mm	Adjustment positions	g
86 04 100	087281	100		chrome-plated	embossed, rough surface	3/4	21.0	10	70

Pliers Wrench XL

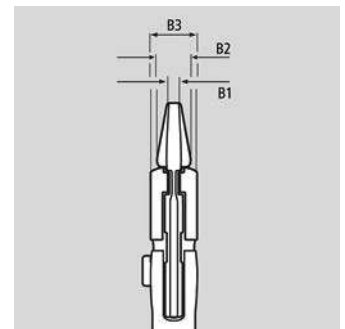
Pliers and a wrench in a single tool

- ▶ The unique installation tool now also in 400 mm length
- ▶ For opening widths up to 85 mm / 3 3/8"

- > Great for gripping, holding, pressing and bending workpieces
- > Optimised adjustment to the workpiece with hand-friendly position of grips
- > Reliable catching of the hinge bolt: no unintentional shifting
- > High lever transmission for strong gripping power
- > Quick adjustment with push button directly on the workpiece
- > The ratchet type principle allows quick and easy tightening and release of all bolted connections
- > Parallel jaws give a more solid grip; its design allows flexible adjustment of all widths up to the specified maximum size
- > Smooth jaws, for damage free installation of quality union joints made from brass, red brass or stainless steel
- > Zero backlash jaw pressure prevents damage to edges of sensitive components
- > Chrome vanadium electric steel, forged, oil-hardened



86 03 400



Part No.	EAN 4003773-	↔ mm		Pliers	Handles	 Inch	 mm	Adjustment positions	Dimensions			 g
									B1 mm	B2 mm	B3 mm	
86 03 400	077312	400		chrome-plated	with plastic coating	3 3/8	85.0	25	12.5	16.0	20.0	1460
87 09 400	034391	Assortment of spare parts Adjustment for 87 400										

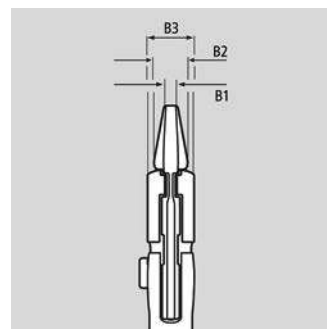
Pliers Wrench

with roughened jaws

- > Great for gripping, holding, pressing and bending workpieces
- > No unintentional shift of the gripping jaws and no slipping of the joint
- > High lever transmission for strong gripping power
- > Fast adjustment by pushing a button directly on the workpiece
- > Infinitely variable gripping of parallel surfaces up to the specified capacity by means of parallel jaws
- > Zero-backlash, full-surface contact
- > Roughened jaws for a better grip
- > Chrome vanadium electric steel, forged, oil-hardened



86 05 150 S02



Part No.	EAN 4003773-	↔ mm		Pliers	Handles	 Inch	 mm	Adjustment positions	Dimensions			 g
									B1 mm	B2 mm	B3 mm	
86 05 150 S02	071785	150		chrome-plated	with comfort handles	1	27.0	14	4.7	7.0	10.5	193
86 09 150	073123	Assortment of spare parts Adjustment for 86 150										

Sets of Pliers Wrenches

- Pliers wrenches from KNIPEX are ideally suited for the gentle gripping, holding, pressing and bending of workpieces
- Each one replacing an entire set of wrenches

> High-quality tool roll made from durable polyester fabric with hook-and-loop fastener

00 19 55 S4

> Equipped with Pliers Wrenches in five different lengths from 125 to 300 mm

00 19 55 S6

> Equipped with Pliers Wrenches in lengths of 125, 180 and 250 mm

00 19 55 S7

> Equipped with Pliers Wrenches in lengths of 150, 250 and 300 mm

00 19 55 S11

> Equipped with Pliers Wrenches in lengths of 180, 250 and 300 mm



00 19 55 S4



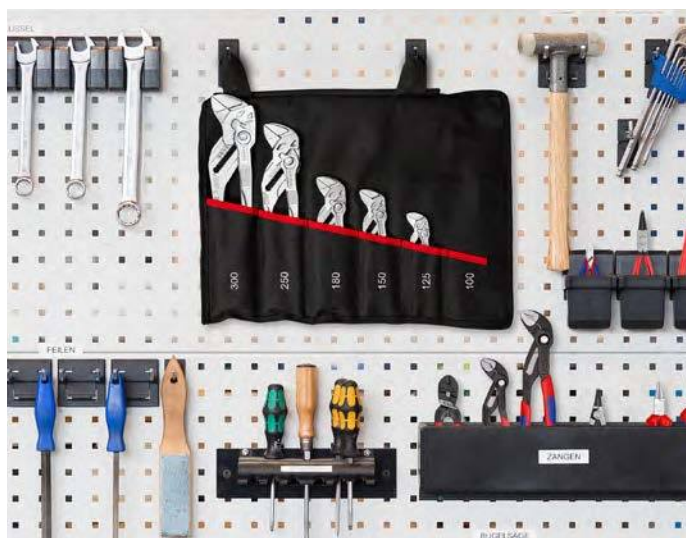
00 19 55 S6



00 19 55 S7



00 19 55 S11



Part No.	EAN 4003773-				Nominal size	Quantity	g
00 19 55 S4	077817	Set of Pliers Wrenches					1925
			86 03 125	Mini Pliers Wrench	125 mm	1	
			86 03 150	Pliers Wrench	150 mm	1	
			86 03 180		180 mm	1	
			86 03 250		250 mm	1	
			86 03 300		300 mm	1	
00 19 55 S6	086505	Set of Pliers Wrenches					1030
			86 03 125	Mini Pliers Wrench	125 mm	1	
			86 03 180	Pliers Wrench	180 mm	1	
			86 03 250		250 mm	1	
00 19 55 S7	086512	Set of Pliers Wrenches					1520
			86 03 150	Pliers Wrench	150 mm	1	
			86 03 250		250 mm	1	
			86 03 300		300 mm	1	
00 19 55 S11	092100	Set of Pliers Wrenches					1557
			86 01 180	Pliers Wrench	180 mm	1	
			86 01 250		250 mm	1	
			86 01 300		300 mm	1	
00 19 55 S4 LE	077824	Tool roll for pliers wrenches empty 6 compartments					
00 19 55 S6 LE	086482	Tool roll for pliers wrenches empty 4 compartments					

KNIPEX TwinGrip

PATENTED

Front and Side Gripping Pliers

- ▶ Gripping, tightening and loosening screws with worn heads and drives
- ▶ Unique combination: front and side gripping function, box joint, push-button adjustment
- ▶ Biting front jaw with robust teeth and high transmission ratio at the tip of the jaw

- > Very slim pliers: Work even in confined spaces, with a narrow turning zone for fast screwing.
- > Pinch guard prevents operators' fingers being pinched
- > Durable and resilient due to robust, box-type pliers joint
- > Forged from high-grade chrome vanadium electric steel, oil-hardened, teeth additionally induction-hardened to approx. 61 HRC

82 01 150 / 82 02 150

- > Large front and side gripping capacities: for diameters and width across flats 3–16 mm
- > Reliable, frontal gripping of flat workpieces up to 6 mm due to three-point system
- > Three-way adjustable slip joint with push button adjustment for precise alteration of gripping capacity

82 01 200 / 82 02 200

- > Large front and side gripping capacity for diameters and widths across flats 4–22 mm
- > Reliable, frontal gripping of flat workpieces up to 8 mm due to three-point system
- > Five-way adjustable slip joint with push button adjustment for precise adjustment of gripping capacity

82 01 250 / 82 02 250

- > Powerfully grips even large, very tight components with A/F 5–27 mm
- > Reliable, frontal gripping of flat workpieces up to 10 mm due to three-point system
- > Seven-way adjustable slip joint with push button adjustment for precise adjustment of gripping capacity



82 01 150



82 02 200



82 02 250



Optimised jaw geometry:
2-zone gripping jaw with opposing alignment of teeth – for maximum grip when loosening and tightening



Comfortable and reliable:
the push-button adjusts the gripping capacity in five steps directly on the workpiece and then locks securely – no accidental loss of adjustment!



Part No.	EAN	 mm	Pliers	Handles	 Inch	 mm	Adjustment positions	 g
82 01 150	089353	150	grey atramentized	with non-slip plastic coating	5/8	16.0	3	130
82 01 200	087243	200			7/8	22.0	5	236
82 01 250	089377	250			1 1/16	27.0	7	361
82 02 150	089360	150	grey atramentized	with comfort handles	5/8	16.0	3	278
82 02 200	087250	200			7/8	22.0	5	280
82 02 250	089384	250			1 1/16	27.0	7	393
82 150 E01	092148	Assortment of spare parts for adjustment for 82 150						
82 200 E01	087632	Assortment of spare parts for adjustment for 82 200						
82 250 E01	092131	Assortment of spare parts for adjustment for 82 250						

Multiple Slip Joint Spanner

- > For metric and imperial nuts and screws with widths across flats from 10 to 32 mm (3/8" up to 1 1/4"); self-locking from 17 mm: no slipping on the workpiece
- > Zero-backlash gripping of metric or imperial hexagonal headed screws, no rounding of bolt heads
- > Reliable and tight gripping of rounded, rusty, or thick coated bolts and screws
- > Ideal for work on vehicle brake systems
- > Quick tightening of bolted connections using ratchet action
- > Push the button for adjustment on the workpiece, also possible with one hand only
- > Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- > Box-joint design for high stability due to double guide
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Favourable lever action: optimum transmission of force
- > Pinch guard prevents operators' fingers being pinched
- > Replaces a set of wrenches, ideal for tightening locknuts
- > Chrome vanadium electric steel, forged, multi stage oil-hardened



87 41 250



In operation on rusted nut with rounded edges



Self-locking: no slip on workpieces; less effort required

The Multiple Slip Joint Spanner combines the convenience of the comfortable push-button adjustment on the workpiece and the function of an all-purpose tightening tool. Jaw gripping with zero backlash prevents slipping on the bolt head or rounding edges. Even rusty or thick coated bolted connections which have no surfaces capable of being gripped reliably by a conventional spanner can be managed by the exceptionally powerful closing gripping jaws of this spanner.



Part No.	EAN	↔ mm		Pliers	Handles	Hexagon Inch	Hexagon mm	Adjustment positions	Weight g
87 41 250	054566	250		grey atramentized	with non-slip plastic coating	1 1/4	32.0	15	328
87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)							

KNIPEX SmartGrip®

Water Pump Pliers with automatic adjustment

- > Ideal for frequent changeovers to workpieces of different sizes
- > Automatic adjustment per one-hand operation both for right-handed and left-handed use
- > Good access to the workpiece due to the slim dimensions of head and joint area and flush joint bolt
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched
- > Locking lever for space-saving transport with reliable closed handles
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



85 01 250

Adjustment to suit the work-piece is automatic with the KNIPEX SmartGrip®!

Place the outer jaw on the workpiece, squeeze the handles – turn!



Part No.	EAN	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	Hexagon mm	Weight g
85 01 250	061304	250		grey atramentized	polished	with plastic handles	1 1/4	32.0	36.0	370

KNIPEX Cobra® XS

PATENTED

- ▶ Optimum accessibility, even in confined spaces: particularly compact design, very slim head
- ▶ One-handed fine adjustment by pushing for the simplest adjustment to different workpiece sizes

- > Gripping capacity Ø 28 mm, width across flats up to 24 mm – at only 100 mm length
- > Box joint: high quality and durability provided by dual guide
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Pinch guard prevents operators' fingers being pinched
- > Fine adjustment with 11 adjustment positions
- > DIN ISO 8976



87 00 100



Self-locking and durable – all part of genuine KNIPEX water pump pliers



Naked truth: The grips are not coated to keep them as slim as possible. To ensure good grip, they are textured on the outside



Part No.	EAN	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 00 100	4003773-085836	100		grey atramentized	polished	embossed, rough surface	1	28.0	24.0	11	62

KNIPEX Cobra®

High-Tech Water Pump Pliers

- > Push the button for adjustment on the workpiece
- > Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976

87 02 250 / 87 02 250 T / 87 05 250

- > With slim multi-component grips without collar for better handling and easier transport

87 02 250 T*

- > Pliers with integrated tether attachment point for a tool tether

KNIPEX Cobra® – the Hightech Water Pump Pliers.

No more time-consuming presetting of the required opening size. Just position the upper jaw to the workpiece, push the button and close the lower jaw, ingeniously simple.



Fine adjustment by pushing a button: fast and comfortable



Fast and firm adjustment directly on the workpiece



87 01 125



87 01 250



87 01 300



87 02 180



87 02 250 T



87 03 250



87 05 250



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



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	mm	Adjustment positions	⚖ g
87 01 125	069935	125		grey atamentized	polished	with non-slip plastic coating	1	30.0	27.0	13	85
87 01 150	060116	150		grey atamentized	polished	with non-slip plastic coating	1 3/8	36.0	32.0	16	145
87 01 180	022015	180		grey atamentized	polished	with non-slip plastic coating	1 1/2	42.0	36.0	18	170
87 01 250	022022	250		grey atamentized	polished	with non-slip plastic coating	2	50.0	46.0	25	335
87 01 300	034087	300		grey atamentized	polished	with non-slip plastic coating	2 3/4	70.0	60.0	30	530
87 02 180	042396	180		grey atamentized	polished	with comfort handles	1 1/2	42.0	36.0	18	196
87 02 300	029144	300		grey atamentized	polished	with comfort handles	2 3/4	70.0	60.0	30	580
87 02 250	040316	250		grey atamentized	polished	with slim multi-component grips	2	50.0	46.0	25	366
87 02 250 T	080152	250		grey atamentized	polished	with multi-component grips, with integrated tether attachment point for a tool tether	2	50.0	46.0	25	370
87 03 125	073949	125					1	29.0	27.0	13	85
87 03 180	005667	180		chrome-plated	chrome-plated	with non-slip plastic coating	1 1/2	42.0	36.0	18	175
87 03 250	043805	250		chrome-plated	chrome-plated	with non-slip plastic coating	2	50.0	46.0	25	335
87 03 300	041382	300		chrome-plated	chrome-plated	with non-slip plastic coating	2 3/4	70.0	60.0	30	530
87 05 250	005681	250		chrome-plated	chrome-plated	with slim multi-component grips	2	50.0	46.0	25	366
87 05 300	014126	300		chrome-plated	chrome-plated	with multi-component handles	2 3/4	70.0	60.0	30	580
87 09 125	074151	Assortment of spare parts for adjustment for 86 / 87 125									
87 09 150	074168	Assortment of spare parts for adjustment for 87 150									
87 09 180	034360	Assortment of spare parts Adjustment for 87 180									
87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)									

Protective Jaws

for 87 XX 180 / 87 XX 250 / 87 XX 300

- Ideal for protecting round workpieces from marring or scratching

- > The protective jaws prevent damage by covering all of the teeth on the tool
- > Easily and reliably fitted to the gripping jaws and firmly holds in place
- > Smooth gripping surfaces (no teeth)
- > Set consists of 3 pairs of plastic protective jaws



Part No.	EAN 4003773-	Description	⚖ g
87 09 180 V01	088066	3 pairs of plastic jaws for all 87 XX 180 models (models from 2010)	12
87 09 250 V01	088073	3 pairs of plastic jaws for all 87 XX 250 models (models from 2007)	15
87 09 300 V01	088080	3 pairs of plastic jaws for all 87 XX 300 models (models from 2008)	33

KNIPEX Cobra® XL / XXL

Water Pump Pliers

- > Greater gripping capacity but much lower weight than comparable pipe wrenches
- > Fast push-button adjustment directly on the workpiece, no unintentional slipping of the joint
- > Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



87 01 400

87 01 560

KNIPEX Cobra® XL
length 400 mm – weight 1195 g

gripping a union nut of a 2" pipe fitting
large gripping capacity of 95 mm,
would require a 3-inch pipe wrench

smaller dimensions and less weight than 1 1/2" pipe wrenches

2" pipe wrench
length 560 mm – weight 2670 g

gripping the 2" union nut exceeds the capacity of a 2" pipe wrench; no confident working conditions

Part No.	EAN	↔ mm		Pliers	Head	Handles	⌀ Inch	⌀ mm	⬡ mm	Adjustment positions	⚖ g
87 01 400	005636	400		grey atramentized	polished	with non-slip plastic coating	3 1/2	90.0	95.0	27	1190
87 01 560	044321	560					4 1/2	115.0	120.0	20	2780
87 09 400	034391	Assortment of spare parts Adjustment for 87 400									
87 09 560	049845	Assortment of spare parts Adjustment for 87 560									

KNIPEX Cobra® Sets

- ▶ The KNIPEX Cobra® are the legendary high-tech water pump pliers from KNIPEX
- ▶ With their extremely strong self-locking effect, they allow energy-saving work without slipping on the workpiece

> High-quality tool roll made from durable polyester fabric with hook-and-loop fastener



00 19 55 S5



00 19 55 S8



00 19 55 S9

Part No.	EAN 4003773-					Nominal size	Quantity	 g
00 19 55 S5	082613	KNIPEX Cobra® Set						1575
			87 01 125	KNIPEX Cobra® High-Tech Water Pump Pliers	125 mm	1		
			87 01 150		150 mm	1		
			87 01 180		180 mm	1		
			87 01 250		250 mm	1		
			87 01 300		300 mm	1		
00 19 55 S8	086529	KNIPEX Cobra® Set						820
			87 01 125	KNIPEX Cobra® High-Tech Water Pump Pliers	125 mm	1		
			87 01 180		180 mm	1		
		87 01 250		250 mm	1			
00 19 55 S9	086536	KNIPEX Cobra® Set						1255
			87 01 150	KNIPEX Cobra® High-Tech Water Pump Pliers	150 mm	1		
			87 01 250		250 mm	1		
		87 01 300		300 mm	1			
00 19 55 S5 LE	082620	Tool roll for KNIPEX Cobra® empty 6 compartments						
00 19 55 S8 LE	086499	Tool roll for KNIPEX Cobra® empty 4 compartments						

KNIPEX Cobra®...matic

Water Pump Pliers

- > All features of the KNIPEX Cobra® 87 01 250
- > Automatic adjustment at the touch of a button directly on the workpiece
- > The sheltered positioned spring ensures that the pliers close automatically once the push-button is activated (one-hand operation!)
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



87 11 250

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	⌀ Inch	⌀ mm	mm	Adjustment positions	g
87 11 250	035473	250		grey atramentized	polished	with non-slip plastic coating	2	50.0	46.0	25	335
87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)									
87 19 250	022640	Spare spring for 87 11 250									

KNIPEX Cobra® QuickSet

PATENTED

High-Tech Water Pump Pliers

- ▶ Fully open, push, grab!
- ▶ Additional fast adjustment on the workpiece by sliding the pliers handle
- > Combines the proven, reliable locking of the hinge bolt with an additional push function which makes it easier to work in very confined and inaccessible areas
- > The adjustment directly on the workpiece is possible by simply sliding the pliers handle
- > Reliable locking of the hinge bolt with the first workload. The gripping width of the pliers is then fixed and can only be adjusted by pressing the button
- > To re-activate the sliding function, the hinge bolt must be released by pressing the push button and the pliers must be completely opened again
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



87 21 250



87 22 250



Press the button – open pliers completely



Position jaw – simply slide and close pliers

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 21 250	072775	250		grey atramentized	polished	with non-slip plastic coating	2	50.0	46.0	25	335
87 21 300	078524	300		grey atramentized	polished	with non-slip plastic coating	2 3/4	70.0	60.0	25	530
87 22 250	077794	250		grey atramentized	polished	with slim multi-component grips	2	50.0	46.0	25	366
87 29 01	079002	Assortment of spare parts for 87 2X 250									
87 29 300	084570	Assortment of spare parts for 87 21 300									

KNIPEX Cobra® VDE

PATENTED

High-Tech Water Pump Pliers

- > 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
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976, DIN EN 60900, IEC 60900

87 26 250 T*

- > Pliers with integrated tether attachment point for a tool tether



87 26 250



87 26 250 T

The adjustment 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!

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 26 250	071495	250		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2	50.0	46.0	24	340
87 26 250 T	081517	250		chrome-plated	chrome-plated	insulated with multi-component grips with integrated tether attachment point, VDE tested	2	50.0	46.0	24	400
87 29 01	079002	Assortment of spare parts for 87 2X 250									

KNIPEX Cobra® ES

Water Pump Pliers extra-slim

- ▶ Particularly good access to the workpiece due to very slim construction of head and joint area
- ▶ Long, narrow jaws with front gripping serration: longitudinal gripping profile for round parts such as screws and bolts
- ▶ Ideal for service, maintenance and equipment repair, in automotive and general industry

- > Firm grip also on flat material due to three-point rest
- > Cross groove for holding slender round materials such as nails
- > Fine adjustment for optimum adaptation of the gripping capacity and ergonomic grip position
- > Push the button for adjustment on the workpiece
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Box-joint design for high stability due to double guide
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976

87 51 180

- > Fine adjustment for optimum adaptation of the gripping capacity up to width across flats of 32 and pipes up to Ø 32 mm

87 51 250

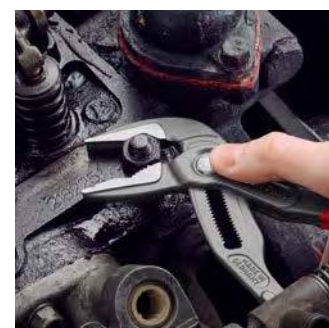
- > Fine adjustment for optimum adaptation of the gripping capacity up to width across flats of 36 and pipes up to Ø 40 mm



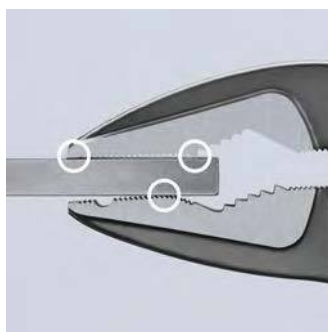
87 51 180



87 51 250



Fast and firm adjustment directly on the workpiece



Firm grip also on flat material due to three-point rest



Long, narrow jaws with front gripping serration: longitudinal gripping profile for round parts such as screws and bolts



Part No.	EAN	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	max. parallel opening width	max. gripping depth	Adjustment positions	g
87 51 180	088981	180		grey	polished	with non-slip plastic coating	1 1/4	32.0	32.0	30.0	37.0	18	176
87 51 250	061267	250		atramentized	polished	with non-slip plastic coating	1 1/2	40.0	36.0	37.0	45.0	25	328

87 09 180 034360 Assortment of spare parts Adjustment for 87 180

KNIPEX Alligator®

Water Pump Pliers

- ▶ 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
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Robust construction, insensitive to dirt; particularly suitable for outdoor work
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976

88 02 250 / 88 02 250 T / 88 05 250

- > With slim multi-component grips without collar for better handling and easier transport

88 02 250 T*

- > Pliers with integrated tether attachment point for a tool tether



88 01 180



88 02 180



88 02 250 T



88 03 250



88 05 300



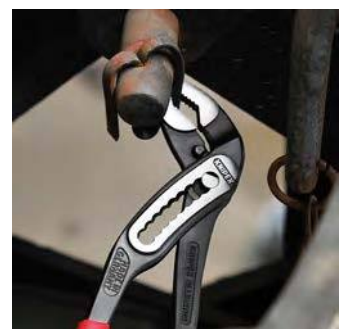
88 06 250



88 07 250



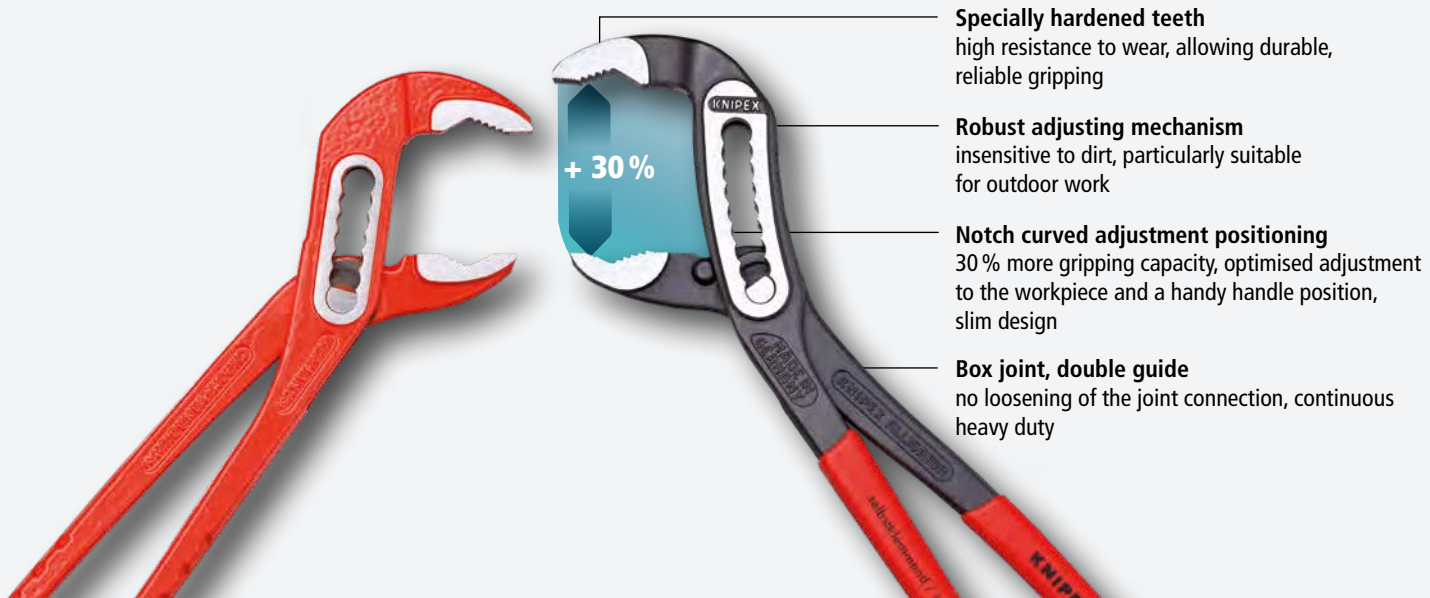
Self-locking on pipes and nuts: no slipping on the workpiece; the complete actuating force can be used to turn the workpieces; not having to squeeze the pliers handles reduces the required effort





Conventional water pump pliers

KNIPEX Alligator® 250/300



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
88 01 180	035480	180		black atramentized	polished	with non-slip plastic coating	1 1/2	42.0	36.0	9	180
88 01 250	022992	250		black atramentized	polished	with non-slip plastic coating	2	50.0	46.0	9	331
88 01 300	034094	300		black atramentized	polished	with non-slip plastic coating	2 3/4	70.0	60.0	9	511
88 02 180	044222	180		black atramentized	polished	with comfort handles	1 1/2	42.0	36.0	9	199
88 02 300	029151	300		black atramentized	polished	with comfort handles	2 3/4	70.0	60.0	9	565
88 02 250	019282	250		black atramentized	polished	with slim multi-component grips	2	50.0	46.0	9	347
88 02 250 T	080176	250		black atramentized	polished	with slim multi-component grips, with integrated tether attachment point for a tool tether	2	50.0	46.0	9	370
88 03 180	042860	180		chrome-plated	chrome-plated	with non-slip plastic coating	1 1/2	42.0	36.0	9	181
88 03 250	005742	250		chrome-plated	chrome-plated	with non-slip plastic coating	2	50.0	46.0	9	319
88 03 300	019312	300		chrome-plated	chrome-plated	with non-slip plastic coating	2 3/4	70.0	60.0	9	499
88 05 180	060130	180		chrome-plated	chrome-plated	with comfort handles	1 1/2	42.0	36.0	9	210
88 05 300	042389	300		chrome-plated	chrome-plated	with comfort handles	2 3/4	70.0	60.0	9	560
88 05 250	035497	250		chrome-plated	chrome-plated	with slim multi-component grips	2	50.0	46.0	9	344
88 06 250	039303	250		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2	50.0	46.0	9	374
88 07 250	019343	250		chrome-plated	chrome-plated	with dipped insulation, VDE-tested	2	50.0	46.0	9	420

KNIPEX Alligator® XL

Water Pump Pliers

- ▶ The classic model in 400 mm length
- ▶ Robust construction, insensitive to dirt; particularly suitable for outdoor work

- > Good access to the workpiece due to slim size of head and joint area
- > Pinch guard prevents operators' fingers being pinched
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Box-joint design for high stability due to double guide
- > Robust adjustment mechanism, insensitive to dirt, easy to clean; particularly suitable for outdoor work
- > 11-notch adjustment positioning with a gripping capacity up to 3 1/2", optimised adjustment to the workpiece and user-friendly handle position
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



88 01 400

The KNIPEX Alligator® XL offers the performance and comfort of water pump pliers while being 50 % lighter in weight and having a greater gripping capacity (3 1/2") than comparable pipe wrenches. With their handy length of 400 mm, there is a place for KNIPEX Alligator® XL in every tool box.



Robust pliers for heavy-duty applications

Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: low wear and stable gripping

Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required

Box-joint design: high stability because of the double guide

Robust adjustment mechanism, insensitive to dirt, easy to clean; particularly suitable for outdoor work

11-notch adjustment for a gripping capacity up to 3 1/2", optimised adjustment to the workpiece and a comfortable handle position



Part No.	EAN	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
88 01 400	075844	400		black atramentized	polished	with non-slip plastic coating	3 1/2	90.0	95.0	11	1175

Pipe Wrenches 90°

- > Swedish pattern
- > 90° angled jaws
- > Jaws with offset teeth in opposite direction
- > Teeth additionally induction-hardened
- > I-beam handle design
- > Captive adjusting nut
- > Red powder-coated, jaws bright ground
- > Gripping jaws with specially hardened teeth, hardness approx. 56 HRC
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN 5234



83 10 015



Part No.	EAN 4003773-	↔ mm		Pliers	 Ø Inch	 Ø mm	 Inch	 g
83 10 010	014188	310		red powder-coated	1 5/8	42.0	1	779
83 10 015	014195	420			2 3/8	60.0	1 1/2	1415
83 10 020	014201	560			2 3/4	70.0	2	2600
83 10 030	022329	650			4 3/8	110.0	3	3433
83 10 040	022336	750			5 1/8	130.0	4	4921

Pipe Wrenches 45°

- > Swedish pattern
- > 45° angled jaws
- > Jaws with offset teeth in opposite direction
- > Teeth additionally induction-hardened
- > I-beam handle design
- > Captive adjusting nut
- > Red powder-coated, jaws bright ground
- > Gripping jaws with specially hardened teeth, hardness approx. 56 HRC
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN 5234



83 20 015



Part No.	EAN 4003773-	↔ mm		Pliers	 Ø Inch	 Ø mm	 Inch	 g
83 20 010	014218	320		red powder-coated	1 5/8	42.0	1	817
83 20 015	014225	430			2 3/8	60.0	1 1/2	1408
83 20 020	014232	570			2 3/4	70.0	2	2596

Pipe Wrenches S-Type

- > Slim, S-type jaw
- > Jaws with offset teeth in opposite direction
- > Teeth additionally induction-hardened
- > Three-point contact on pipes, self-locking
- > I-beam handle design
- > Captive adjusting nut
- > Red powder-coated, jaws bright ground
- > Gripping jaws with specially hardened teeth, hardness approx. 56 HRC
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN 5234



83 30 015



Part No.	EAN 4003773-	↔ mm		Pliers	Ø Inch	Ø mm	Ø Inch	g
83 30 005	025221	245		red powder-coated	1 1/2	35.0	1/2	472
83 30 010	014249	320			1 5/8	42.0	1	836
83 30 015	014256	420			2 3/8	60.0	1 1/2	1540
83 30 020	014263	570			2 3/4	70.0	2	2669
83 30 030	014164	680			4 3/4	120.0	3	4366

Pipe Wrenches S-Type

PATENTED

with fast adjustment

- > Pinch guard prevents operators' fingers being pinched
- > Time-saving, precise adjustment of the gripping width directly on the workpiece at the push of a button
- > Less effort required due to self-locking action
- > No unintentional shifting of the pliers handles
- > High wear resistance due to the additionally hardened teeth
- > Maximum load capability due to completely hardened handles
- > Gripping jaws with specially hardened teeth, hardness approx. 56 HRC
- > Chrome vanadium electric steel, forged, multi stage oil-hardened



83 60 010



83 61 010



Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Ø Inch	Ø mm	Ø Inch	g
83 60 010	075424	330		red powder-coated		1 5/8	42.0	1	898
83 60 015	075677	420				2 3/8	60.0	1 1/2	1470
83 60 020	078838	560				2 3/4	70.0	2	2366
83 61 010	077602	330		grey powder-coated	with plastic coating	1 5/8	42.0	1	930
83 61 015	077619	420				2 3/8	60.0	1 1/2	1523
83 61 020	078876	560				2 3/4	70.0	2	2456

Siphon and Connector Pliers

for traps, tube fittings and connectors

- ▶ Ideal for tightening and loosening siphon screw connections, plastic pipe fittings and round union nuts
- ▶ Fine adjustment for ideal adjustment to diverse diameters
- ▶ For connectors, oil filters, plastic pipes and siphons
- ▶ Robust, heavy duty

- > For connectors and couplings with screw connection, such as Cannon circular connectors
- > For gentle loosening of hoses on nozzles and filter cartridges
- > Optimum adhesion on dirt-, oil- and fatfree surfaces
- > 25-way adjustable box joint
- > Ergonomic handle geometry
- > Changeable gripping jaws with two-component plastic insert with a hard carrier component (red) and a soft adhesive component (blue)
- > Chrome vanadium electric steel, forged, oil-hardened
- > DIN ISO 8976

81 01 250 / 81 03 250

- > With serrated gripping jaws; up to Ø 80 mm

81 11 250 / 81 13 250

- > With exchangeable plastic jaws for sensitive surfaces; up to Ø 75 mm



81 01 250



81 03 250



81 11 250



81 13 250



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Working Capacity Ø mm	Adjustment positions	Δ g
81 01 250	078463	250		black atramentized	polished	with non-slip plastic coating	25.0 – 80.0	25	355
81 03 250	078487	250		chrome-plated	polished	with non-slip plastic coating	25.0 – 80.0	25	355
81 11 250	078470	250		black atramentized	polished	with non-slip plastic coating	10.0 – 75.0	25	345
81 13 250	078494	250		chrome-plated	chrome-plated	with non-slip plastic coating	10.0 – 75.0	25	345
87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)							
81 19 250 V01	086567	2 pairs of one-component plastic inserts for 81 11 250 / 81 13 250							
81 19 250 V02	086550	2 pairs of two-component plastic inserts for 81 11 250 / 81 13 250							

PIPE CUTTERS

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90 31 02

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PRODUCT FINDER

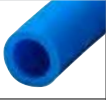
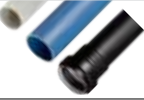
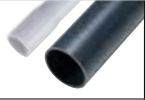
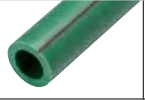
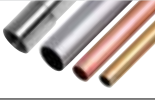
FOR PIPE CUTTERS

The numerous varieties of plastic and metal materials often require special tools for a clean cut. Here you will find the perfect tool for the job.

						Pipe type	Plastic	
						Illustration		
						Material	PEX-AL	PEX-AL (Thick-walled aluminium layer)
						Typical names	Aluminium composite, multilayer, composite	Aluminium composite, multilayer, composite (e.g. Geberit Mepla)
						Capacity Outer Ø ▼	Cold water pipes, underfloor heating pipes	
Illustration	Product	Part No.	Special features/properties	Capacity Outer Ø ▼				
		KNIPEX TwistCut®	90 22 01 SB 90 22 02 SB P. 136	Compact and lightweight, cuts corrugated pipes without damaging the 'filling'	13–32 mm 1/2–1 1/4"	–	–	–
		Pipe Cutter	90 10 185 P. 134	Exact right-angled cuts, especially for small hose diameters	up to 20 mm 3/4"	✓	–	✓
		KNIPEX PlastiCut®	90 20 185 P. 134	Pointed blade: Low deformation, low weight	up to 25 mm 1"	–	–	✓
		KNIPEX BiX	90 22 10 BK P. 137	Compact, lightweight and universal, also for drip sleeves	20–56 mm 3/4–2 13/64"	–	–	✓ up to wall thickness 3.5 mm
		KNIPEX DP50	90 23 01 BK P. 138	Cutting and chamfering	32/40/50 mm	–	–	–
		KNIPEX DPT50	90 23 02 BK P. 138	Cutting and chamfering	32/40/50 mm	–	–	✓ up to wall thickness 2.5–3.5 mm
		Pipe Cutter	94 10 185 P. 135	Ratchet mechanism: Low cutting forces and universal application Pointed blade	up to 35 mm 1 3/8"	–	–	✓
		Pipe Cutter	90 25 185 P. 140	Low weight, straight blade	up to 25 mm 1"	✓	–	✓ ✓
		Pipe Cutter	90 25 20 P. 140	With corrugated pipe cutter, straight blade	up to 26 mm 1"	✓	–	✓
		Pipe Cutter	90 25 25 P. 141	Circular blade: Minimal cutting force and deformation	up to 26 mm 1"	✓ ✓	✓ ✓	✓
		Pipe Cutter	90 25 40 P. 142	Ratchet mechanism: Low cutting forces and universal use, straight blade	up to 40 mm 1 9/16"	✓	✓	✓ ✓
		KNIPEX TubiX® S	90 31 01 P. 143	QuickLock one-hand locking mechanism	3–30 mm 1/8–1 1/8"	–	–	–
		KNIPEX TubiX®	90 31 02 P. 144	QuickLock one-hand locking mechanism	6–35 mm 1/4–1 3/8"	–	–	–
		KNIPEX TubiX® XL	90 31 03 P. 145	QuickLock one-hand locking mechanism	6–76 mm 1/4–3"	–	–	–
Maximum pipe diameter Ø per pipe type that can be cut with products from the KNIPEX range:						up to 40 mm 1 9/16"	up to 40 mm 1 9/16"	up to 56 mm 2 13/64"

✓ ✓ Particularly suitable, observe capacity limits and comments in the field
 ✓ Suitable, observe capacity limits and comments in the field

W Wall thickness
 * Some manufacturers specify pipe cutters with cutting wheels for pipes from Ø 32 mm, e.g. Geberit, Uponor, Fränkische, Vieg

Flexible 			Rigid 					
								
PVC	PU, PE, PTFE, PVC	NBR, EPDM, rubber	PP-MD W ≤ 2.4 mm	PVC-U W ≥ 2.4 mm	PVC-U PVC-C, ABS W ≥ 2.4 mm	PVC-U, PVC-C W ≤ 2.4 mm	PP, PP-R, PP-H	CU/AL/INOX/Steel W ≤ 2 mm
Conduit pipes, corrugated pipes	Plastic hose, pneumatic hose	Rubber hose (also with textile fabric)	Drain pipe HT, Silent PP	Waste water pipe, core-foamed	Pressure pipe 16 bar, Schedule 40	Empty pipe, pressure pipe 10 bar	Welded pipe, pressure pipe	Metal pipe
  up to groove width 2.7 mm	–	–	–	–	–	–	–	–
 only empty corrugated pipe	 	–	–	–	 rotate pipe when cutting	 rotate pipe when cutting		–
  only empty corrugated pipe		 	–	–	–	 		–
 only empty corrugated pipe	 up to wall thickness 3.5 mm	–	 	  up to wall thickness 3.5 mm	–	 	–	–
–	–	–	  wall thickness 1.8–2.4 mm	–	–	 wall thickness 1.8–2.4 mm	–	–
–	–	–	–	  wall thickness 2.5–3.5 mm	  wall thickness 2.5–3.5 mm	–	–	–
 only empty corrugated pipe		 		–				–
 only empty corrugated pipe		–	–	–	 rotate pipe when cutting	 rotate pipe when cutting		–
  Ø 18–35 mm up to groove width 2.7 mm		–	–	–	  rotate pipe when cutting	 rotate pipe when cutting		–
 only empty corrugated pipe		–	–	–	 rotate pipe when cutting	 rotate pipe when cutting		–
–	–	–	 rotate pipe when cutting	–	 rotate pipe when cutting	 rotate pipe when cutting	 	–
–	–	–	–	–	–	–	–	  up to wall thickness 2 mm
–	–	–	–	–	–	–	–	  up to wall thickness 2 mm
–	–	–	–	–	–	–	–	  up to wall thickness 2 mm
up to 56 mm 2 13/64"	up to 56 mm 2 13/64"	up to 35 mm 1 3/8"	up to 56 mm 2 13/64"	up to 56 mm 2 13/64"	up to 50 mm 1 9/16"	up to 56 mm 2 13/64"	up to 40 mm 1 9/16"	up to 76 mm 3"

Pipe Cutter

for multilayer and pneumatic hoses

- ▶ Ideal for all liquid, multilayer and pneumatic hoses/ pipes commonly available on the market in the wide application range from max. Ø 20 mm
- ▶ With universal support for right-angled positioning
- ▶ Easy on the hands even in continuous use due to low force required and automatic opening due to the spring mechanism

- > Exchangeable blade
- > With opening spring and locking device
- > Ergonomically shaped handles made of glass fibre reinforced plastic
- > Not suitable for cutting cables
- > Blade made of high-strength special grade steel, oil-hardened and tempered



90 10 185



Part No.	EAN 4003773-	↔ mm		Cutting capacities Ø mm	⚖ g
90 10 185	084846	185		20.0	175
90 29 01	031932	Spare blade for 90 25 20 / 90 10 185 / 90 25 185			

KNIPEX PlastiCut®

Cutter for flexible hoses and plastic conduit pipes

- ▶ For cutting thin walled plastic pipes (conduit plastic pipes) and flexible hoses, also with fabric reinforcement, of plastic and rubber up to Ø 25 mm / 1 "

- > Exchangeable blade
- > With opening spring and locking device
- > Ergonomically shaped handles made of glass fibre reinforced plastic
- > Not suitable for cutting cables
- > Blades: special tool steel, oil-hardened, interchangeable
- > Tool body: glass fibre reinforced plastic



90 20 185



With replaceable blade



Part No.	EAN 4003773-	↔ mm		Cutting capacities max. Ø mm	⚖ g
90 20 185	067122	185	MM	25.0	172
90 29 185	067139	Spare blade for 90 20 185			



Pipe Cutter

for plastic conduit pipes

- ▶ For clean cutting of thin-walled plastic pipes (e.g. plastic conduit pipes) with Ø 6–35 mm
- ▶ Low force requirement due to special blade geometry and optimum transmission
- > Blade is replaceable and can be retracted from any position
- > Minimum operator fatigue due to ergonomic handle design and incremental ratchet blade feed
- > Not suitable for cutting cables
- > Blade: special tool steel, oil-hardened
- > Housing: die-cast aluminium, red lacquered



94 10 185



Part No.	EAN	↔ mm		Body	Cutting capacities Ø mm	Blade length mm	△△ g
94 10 185	4003773-047025	185	MM	die-cast aluminium body, red lacquered	6.0 – 35.0	35.0	583
94 19 185	047032	Spare blade for 94 10 185					
94 19 185 02	053804	Torsion spring for 94 10 185					

KNIPEX TwistCut®

PATENTED

Corrugated pipe cutters

- ▶ For the reliable and fast cutting of many plastic corrugated pipes with the universal capacity range from Ø 13 to 32 mm
- ▶ For corrugated plastic pipes with ridge widths of up to 2.7 mm
- ▶ No damage to the internal cables or pipes
- ▶ Separate even softer, flexible plastic corrugated pipes: Apply little pressure on the KNIPEX TwistCut® when cutting to avoid the corrugated pipe to be deformed

- > Simple insertion, reliable and easy cutting without waste
- > Precise cut without damage due to unique arrangement of the cutters with side guide
- > Good accessibility due to slim design
- > Made of glass fibre reinforced multi-component plastic with soft gripping zone



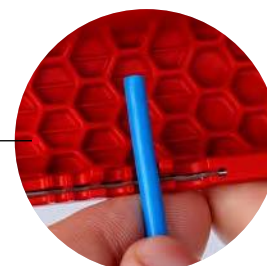
90 22 01 SB



90 22 02 SB



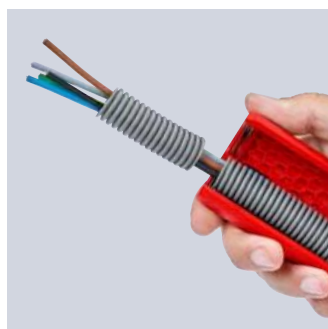
90 22 02 SB: Practical locator simplifies the insertion of single conductors for stripping



90 22 02 SB: Injection moulded length scale for consistent stripping to a uniform length, legible for left and right handed users



Easy handling: press the KNIPEX TwistCut® together, twist it with a little pressure, and you're done!



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



Convenient handling due to fastener with locking device and opening by means of internal spring



Also for protective pipes on aluminium composite pipes in plumbing, up to Ø 32 mm



Part No.	EAN 4003773-	↔ mm		Cutting capacities Ø mm	Stripping capacity conductors and strands mm²	⚖ g
90 22 01 SB	082286	100	MM	13.0 – 32.0		47
90 22 02 SB	082293	100	MM	13.0 – 32.0	0.2 – 4	47

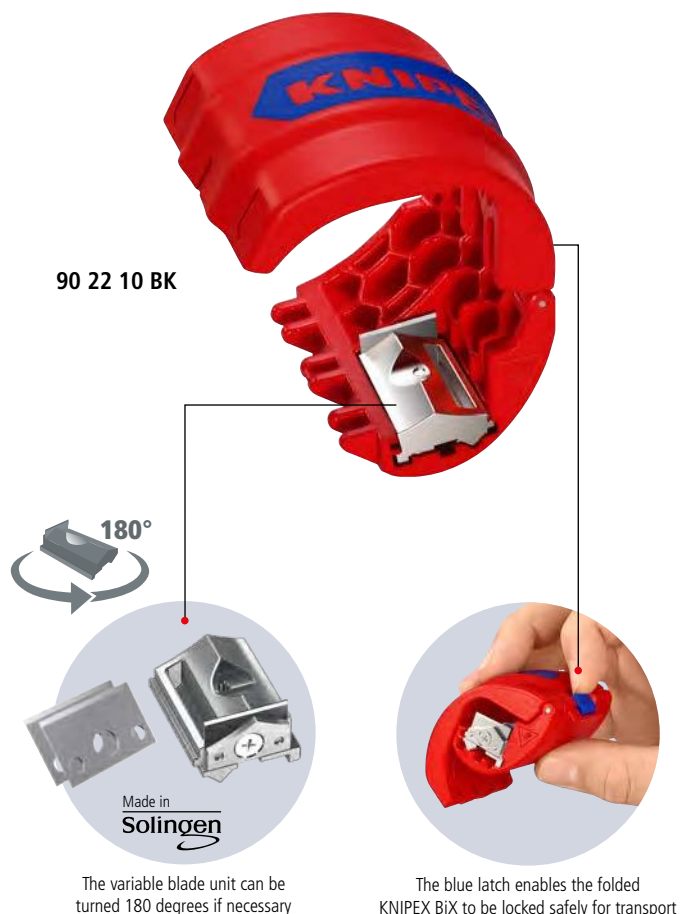
KNIPEX BiX

PATENTED

Cutter for plastic pipes and sealing sleeves

- ▶ Clever pipe cutter: Cuts pipes without shavings and fits comfortably in the hand
- ▶ Can cut high-temperature plastic drain pipes and electrical conduits in next to no time
- ▶ Can be used to cut sealing sleeves during final assembly – close to the wall, standard-compliant

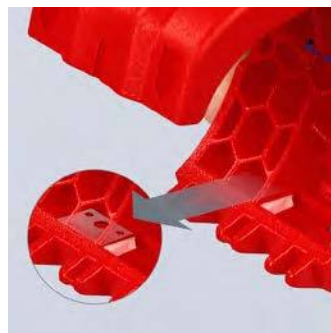
- > Cuts unreinforced plastic pipes from Ø 20 to 56 mm with a wall thickness of up to 2.4 mm
- > Cuts soft plastic pipes and those with foam cores from Ø 20 to 56 mm with a wall thicknesses of up to 3.5 mm
- > Cuts sealing sleeves approx. 2–3 mm from the wall
- > Cuts pipes quickly, cleanly and without shavings
- > Rotatable knife block for cutting plastic pipes (blade in the middle) and sealing sleeves (blade outside)
- > With locking mechanism for safe transport
- > Two spare blades integrated in the tool
- > Tool made of stable, reinforced plastic, die-cast zinc blade unit
- > Blades made of special surgical stainless steel – Made in Solingen



Practical, quick and clean: Plastic pipes can be cut in no time and sections are held securely in the tool



The unique design of the rotating blade unit means that drip and sealing sleeves can be reliably cut 2 to 3 mm from the wall, so that moisture can be safely drawn away



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

OUR PIPE CUTTERS FOR PLASTIC DRAIN PIPES



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



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



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



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

KNIPEX DP50



max. 2.4 mm



KNIPEX DPT50



2.5–3.5 mm



KNIPEX DP50

PATENTED

Pipe Cutter for plastic drain pipes

- ▶ Cut and chamfer all common domestic plastic drain pipes up to Ø 50 mm in a single operation
- ▶ Reversible high-quality ball-bearing steel blade, can be easily replaced without tools
- ▶ Clean cut: no readjusting or deburring required, reducing potential blockages or damages of the seals

- > Cuts high temperature and other plastic pipes with Ø 32, 40 or 50 mm and wall thicknesses up to 2.4 mm
- > Optimum pipe guidance and easy cutting due to self-adjusting rollers with plain bearings
- > Easy positioning due to clear view of cutting point
- > Spring-loaded cutting blade: no unnecessary adjustment needed during cutting
- > Exchangeable blade with two cutting edges can be reversed when showing signs of wear
- > Trimming or fine cutting is possible from a section length of around 10 mm
- > Housing made of glass fibre reinforced plastic



90 23 01 BK



Part No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm	⚖ g
90 23 01 BK	087809	202	32 / 40 / 50	317
90 23 01 E02	088110	Spare locking pin for 90 23 01/02		
90 23 01 E01	088103	Spare blade for 90 23 01 can be used from both sides		

KNIPEX DPT50

PATENTED

Pipe Cutter for thick-walled plastic pipes, also foam-core

- ▶ Perfect helper for plumbing and industrial: conveniently cut and directly chamfer plastic pipes of 32 / 40 / 50 mm in a single step
- ▶ Smooth cutting: no readjustment, no deburring, no breaking of brittle pipes, reduced risk of leaky joints
- ▶ Optimum pipe guidance and easy cutting due to self-adjusting rollers with plain bearings

- > Cuts PP, PVC and many other plastic pipes with diameters of 32, 40 and 50 mm
- > Cuts PVC and PP pipes with wall thicknesses of 2.5 – 3.5 mm
- > Tool-free reversible blade body made from high-quality ball-bearing steel
- > Precise positioning due to a clear view of the cutting point
- > Spring-loaded cutting blade: no unnecessary adjustment needed during cutting
- > Spare blade in the tool: reversible blade with twin cutting edge for reversing when worn
- > Trimming or fine cutting is possible from a section length of around 10 mm
- > Durable and robust - tool body made of glass-fibre reinforced plastic
- > The automatically applied chamfer ensures even distribution of the adhesive
- > For waste water pipes in accordance with DIN 1453-1, 1329-1, 1519-1



90 23 02 BK



Part No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm	⚖ g
90 23 02 BK	092186	202	32 / 40 / 50	294
90 23 02 E01	092193	Spare blade for 90 23 02 can be used from both sides		
90 23 01 E02	088110	Spare locking pin for 90 23 01/02 und 90 23 02		

Pipe Cutter

for composite and plastic pipes

- ▶ For cutting composite pipes from Ø 12 – 25 mm
- ▶ Clean, smooth and burr-free cut surfaces

- > Exchangeable blade
- > With opening spring and locking device
- > Ergonomically shaped handles made of glass fibre reinforced plastic
- > Not suitable for cutting cables
- > Blade made of high-strength special grade steel, oil-hardened and tempered



90 25 185



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

Part No.	EAN 4003773-	↔ mm		Cutting capacities max. Ø mm	⚖ g
90 25 185	084839	185	MM	25.0	175
90 29 01	031932	Spare blade for 90 25 20 / 90 10 185 / 90 25 185			

Pipe Cutter

for composite pipes and protective tubes

- ▶ For cutting composite pipes up to Ø 26 mm
- ▶ For cutting many corrugated plastic pipes from Ø 18 to 35 mm without damaging internal cables or pipes
- ▶ Clean, smooth and burr-free cut surfaces

- > With opening spring and locking device
- > A calibration arbor can be fitted, for example for Geberit composite pipes with Ø 11.5 and 15.0 mm
- > Not suitable for cutting cables
- > Blades: special tool steel, oil-hardened, interchangeable
- > Tool body: high-grade chrome vanadium electric steel, oil-hardened



90 25 20



Clean cut of corrugated pipes Ø 18–35 mm

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

Part No.	EAN 4003773-	↔ mm	Tool	Handles	Cutting capacities composite pipes max. Ø mm	Cutting capacities protective tubes max. Ø mm	Blade length mm	⚖ g
90 25 20	046004	210	chrome-plated	with multi-component handles	26.0	18.0 – 35.0	25.0	318
90 29 01	031932	Spare blade for 90 25 20 / 90 10 185 / 90 25 185						
90 29 02	031949	1 pair of spare blades for 90 25 20 (protective tubes) old model						
90 25 20 E01	089117	1 pair of spare blades for 90 25 20 (protective tubes) new model						
90 29 15	031956	Calibration arbor for 90 25 20 (Geberit pipes)						

Pipe Cutter

for composite and plastic pipes

- ▶ Up to 60% less effort: the freely rotating cutting wheel allows the pipe to be rotated with minimal friction when cutting
- ▶ Optimum cutting results: the rotation allows the cutting wheel to penetrate the pipe effortlessly with minimal deformation
- ▶ Wide plastic supports allow perfect right-angled cuts

- > Cuts aluminium composite and plastic conduit pipes more easily than conventional shears with a fixed blade
- > Also suitable for composite pipes with increased aluminium layer thickness (e.g. Geberit Mepla)
- > For cutting composite and plastic pipes up to Ø 26 mm
- > Allows for very short correction sections
- > With locking mechanism for safe transport
- > With ergonomic multi-component handles
- > Spare cutting wheel available (Art. No. 90 25 25 E01)



90 25 25



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



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



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



The pipe cutter cuts all common composite and plastic conduit pipes with diameters of up to 26 millimetres. Its robust construction means it is also suitable for composite conduit pipes with increased aluminium layer thickness

Part No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities composite pipes	⚖ g
90 25 25	088714	210	W	chrome-plated	with multi-component handles	26.0	391
90 25 25 E01	088806	Spare cutting wheel for 90 25 25					

Pipe Cutter

for composite and plastic pipes

- ▶ For cutting thick walled plastic and composite pipes up to Ø 40 mm
- ▶ Self-adapting pipe support positions pipes of various diameters correctly for a rectangular cut
- ▶ No idle strokes due to spring-loaded knife

- > Cuts pipes using the ratchet principle in several strokes
- > Blades: special tool steel, oil-hardened, interchangeable
- > Tool body: high-grade chrome vanadium electric steel, oil-hardened



90 25 40



Clean cut of thick walled plastic and composite pipes



Not suitable for thin-walled plastic pipes.
Please use article number 94 10 185, 90 23 01
or 90 22 10 for these



Part No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities max. Ø mm	Blade length mm	⚖ g
90 25 40	045182	210	MM	chrome-plated	with multi-component handles	40.0	40.0	500
90 29 40	045199	Spare blade for 90 25 40						

KNIPEX TubiX® S

Pipe Cutter

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

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



90 31 01



Minimised cutting circle for cutting pipes in confined spaces



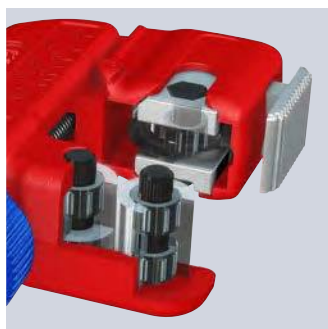
Pipe diameter can be preset with the scale for easy clipping of the KNIPEX TubiX® S to avoid dropping within enclosed spaces



Push to the right size on the tube – or preset with the scale and click onto the tube with the spring-loaded cutting wheel



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



Five needle bearings for particularly easy, low-fatigue cutting



The cutting wheel is easy to change without additional tools



Spare cutting wheel in the turning knob

Part No.	EAN	↔ mm	Cutting capacities Ø mm	⚖ g
90 31 01	4003773-090038	77	30.0	261
90 39 02 V01	085874	Cutting wheel for stainless steel and copper		
90 39 02 V03	086307	5 x Cutting wheel for stainless steel and copper		

KNIPEX TubiX®

Pipe Cutter

- ▶ QuickLock one-hand locking mechanism: independent holding and clamping on the pipe
- ▶ Precise and quick: easy positioning of the cutting wheel on the pipe
- ▶ Comfortable: easy cutting due to high-quality needle bearings in the spring-loaded cutting wheel and guide rolls

- > Cuts pipes with wall thickness up to 2 mm
- > Cuts pipes from Ø 6–35 mm (1/4–1 3/8")
- > Cutting wheel made of high-quality ball bearing steel
- > Quick replacement of the cutting wheel without any tools – spare cutting wheel stored in the handle
- > Removable, precision-ground deburring tool
- > For plumbing, heating and air conditioning: easily cut gas and water pipes made of copper, brass and stainless steel
- > For the electrical trade: cuts rigid steel conduits and strips steel wire armoured cables
- > One-handed positioning and fixing of the cutting wheel on the pipe
- > Lightweight and durable magnesium housing



90 31 02



For cutting copper, brass and stainless steel pipes and rigid steel conduits with wall thickness up to 2 mm and diameters of 6–35 mm (1/4–1 3/8")



Push the cutting wheel against the pipe with the QuickLock one-hand locking mechanism: fastest adjustment to different pipe diameters



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



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



Cutting now made easy: position the opened KNIPEX TubiX®...



Tighten and cut with a swift twist and then readjust using the ergonomic blue feeding barrel...



And you're done! If necessary, have the edge smoothed out using the fold-out deburring tool – with surprisingly little effort



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

Part No.	EAN	↔ mm	Cutting capacities Ø mm	⚖ g
90 31 02 SB	4003773-084686	180	35.0	375
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

Pipe Cutter

- ▶ QuickLock locking mechanism: independent holding and clamping on the pipe
- ▶ Precise and quick: exact positioning of the cutting wheel on the pipe
- ▶ High-quality needle-bearings enable the cutting wheel and four guide rollers to cut with ease

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



90 31 03



For cutting copper, brass and stainless steel pipes and rigid steel conduits with wall thickness up to 2 mm and diameters of 6–35 mm (1/4–1 3/8")



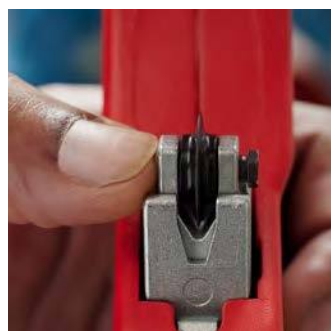
In one easy step, the KNIPEX TubiX® XL can be positioned quickly and precisely on all pipes with a diameter between 6 and 76 mm



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



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



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



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



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

Part No.	EAN	↔ mm	Cutting capacities Ø mm	⚖ g
90 31 03 BK	4003773-088127	260	76.0	865
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		
90 31 03 E01	088134	Spare deburring tool for 90 31 03		

SPECIAL PLIERS AND CONTROL CABINET KEYS

Special Pliers

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85 51 250

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Ear Clamp Pliers

- > For the simple and reliable mounting of 1-ear and 2-ear clamps (Oetiker system or similar)
- > Pressing instead of cutting: no damage to press points on the ear clamps
- > The slim head permits good accessibility in confined areas
- > Versatile use for clamps on CV boots, cooler and fuel lines, air pressure systems, compressors
- > Durable and strong
- > Convenient: two crimping profiles – for frontal and lateral crimping
- > High-grade special tool steel, forged, oil-hardened

10 98 I220

- > Front crimping

10 99 I220

- > Front and lateral crimping
- > Especially suitable for universal use due to the additional side jaw
- > High-grade special tool steel, forged, oil-hardened



10 98 I220



10 99 I220



Sealing the fluid hose on the connecting piece using the side press nib



Sealing the pneumatic hose on the quick action coupling



Using the front press nib



10 98 I220



10 99 I220

Part No.	EAN	↔ mm	Pliers	Head	Handles	⚖ g
10 98 I220	080749	220	black atramentized	polished	with plastic coating	350
10 99 I220	080756	220	black atramentized	polished	with plastic coating	345

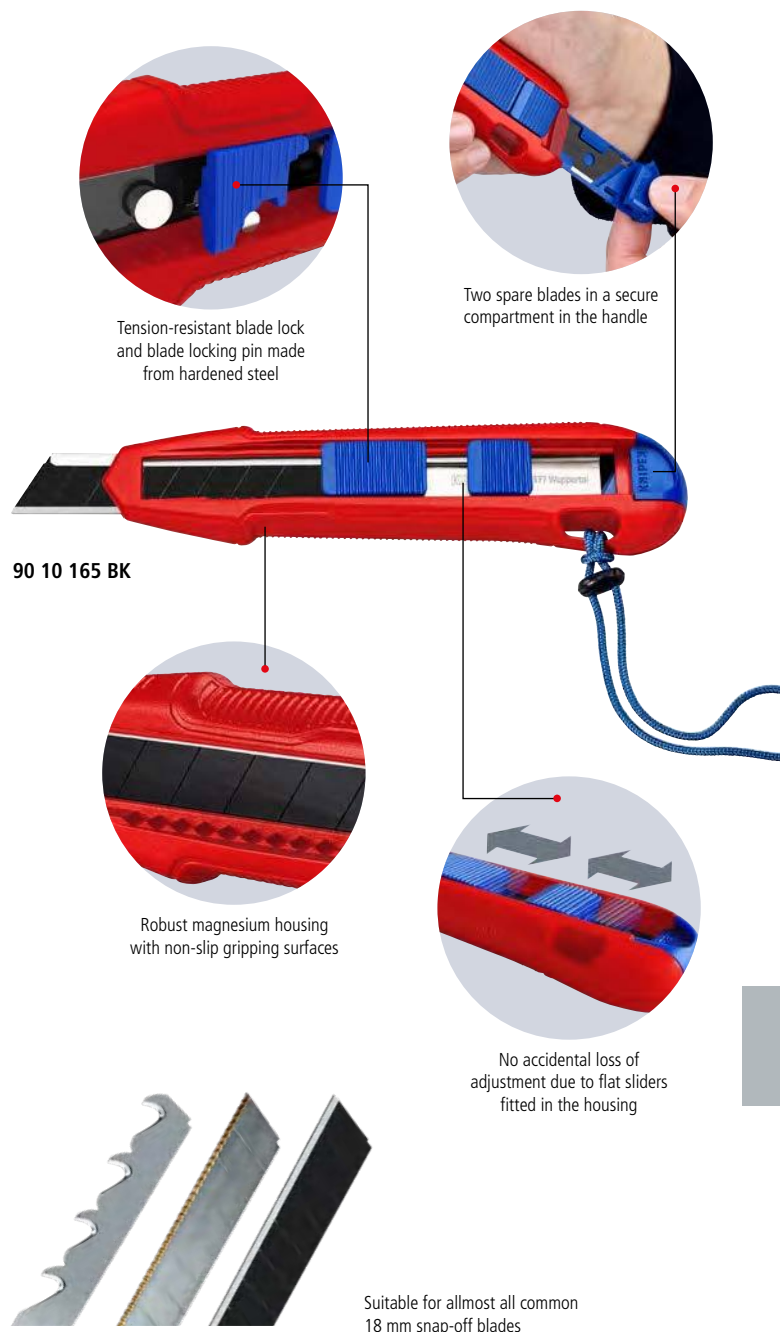
KNIPEX CutiX

PATENTED

Universal Knife

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

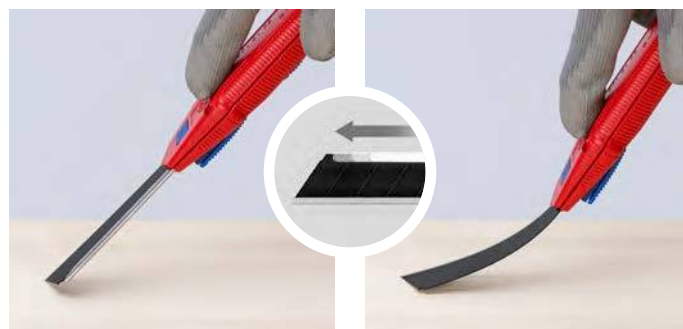
- > Handy: 165 mm long, weight approx. 111 g
- > Original equipment with high quality snap-off blades and two spare blades in the handle, which can be changed without any tools
- > Suitable for standard 18 mm blade types: smooth, curved and with hooks
- > Fits comfortably in the hand due to its slim shape and numerous grip zones: firm and non-slip grip, comfortable hold
- > Flat, ergonomic slides separately for blade and stabilisation bar, no accidental activation of the slides
- > Reliable blade holder: Secure hold of the blade due to hardened steel pin
- > When the rear end of the handle is closed, the blade slider and blade cannot slip out
- > Tether attachment point for tool protection with KNIPEX Tethered Tools System



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



Ergonomic shape with numerous grip zones ensures safe and precise work



Variable: Depending on your needs, the blade can be used rigidly or flexibly

Part No.	EAN 4003773-	↔ mm	⚖ g
90 10 165 BK	087533	165	142
90 10 165 E01	087557	Spare part set for stabilisation bar for 90 10 165 BK	
90 10 165 E02	088219	Spare blade for 90 10 165 BK (10x)	

Anvil Shears

- > Drawing cut against firm surface for cutting soft materials without damage, e.g. rubber profiles, PVC, leather, wood, hoses etc.
- > Cuts flat material with a max. width of 40 mm and height of 7.5 mm
- > Cutting capacity for round material up to Ø 25 mm
- > Strong, replaceable blade
- > With opening spring and locking device
- > Tool body: tool steel, rolled, oil-hardened



94 55 200



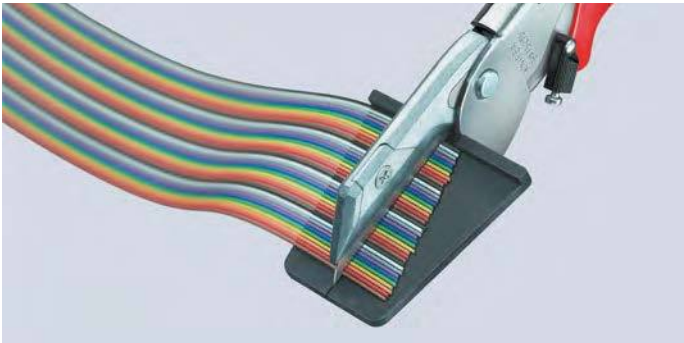
Part No.	EAN	↔ mm		Tool	Handles	Blade length mm	⚖ g
94 55 200	4003773-080763	200	MM	chrome-plated	with plastic handles	40.0	290
94 59 200 01	080916	Spare blade for 94 55 200					
94 59 200 02	080923	Spare anvil for 94 55 200					

Cutter for ribbon cable

- > For crush-free cutting of ribbon cable up to 56 mm width
- > Exchangeable cutting base with try square for rectangular cuts
- > With opening spring and locking device
- > Blade: standard trapezoidal blade, replaceable
- > Tool body: tool steel, rolled, oil-hardened



94 15 215



Part No.	EAN	↔ mm		Tool	Handles	Blade length mm	⚖ g
94 15 215	4003773-046011	215	MM	chrome-plated	with plastic handles	56.0	346
94 19 02	052333	Blade support for 94 15 215					
94 19 215	046219	Set with 10 spare blades for 94 15 215/94 35 215					

Mitre Shears

for plastic and rubber sections

- > For crush-free cutting of plastic, rubber and soft timber sections; also for ribbon cable
- > Exchangeable cutting base with try square for 45°-cuts and markings for 60°-, 75°-, and 90°-cuts
- > With opening spring and locking device
- > Blade: standard trapezoidal blade, replaceable
- > Tool body: special tool steel, rolled, oil-hardened



94 35 215



Part No.	EAN 4003773-	↔ mm		Tool	Handles	Blade length mm	⚖ g
94 35 215	046028	215	MM	chrome-plated	with plastic handles	5.0	397
94 19 215	046219	Set with 10 spare blades for 94 15 215/94 35 215					
94 39 215 01	053835	Blade support for 94 35 215					
94 39 215 02	086215	Cutting head for 94 35 215					

Vinyl Shears

also for cable ducts

- > For cutting and shortening plastic cable ducts and other plastic materials
- > Special lever transmission
- > Very effective blade geometry
- > Blade: special tool steel, oil-hardened
- > Tool body: high-grade chrome vanadium electric steel, oil-hardened



95 02 21



Blade length 110 mm for cutting wide cable ducts

Part No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities mm	Blade length mm	⚖ g
95 02 21	052128	275	MM	burnished	with multi-component handles	max. 4.0	110.0	665

Shears

for KEVLAR® fibres

- > Only for cutting fibres of KEVLAR® in optical fibre cables, not recommended for other materials
- > Precisely ground blades with serration prevent the fibres from slipping and guarantee a clean cut
- > Riveted precision joint, for low-friction movement and smooth and even cutting of the thin KEVLAR® fibres
- > Hard-chrome-plated, ground surface
- > Shears body: chrome vanadium electric steel, oil-hardened
- > User-friendly handles: plastic, impact-proof



95 03 160 SB



Part No.	EAN 4003773-	↔ mm	Shears	Handles	⚖ g
95 03 160 SB	043362	160	chrome-plated	plastic coated	85

Combination Shears

- > For cutting cardboard, plastics, aluminium, brass and copper foils
- > Not suitable for steel wire or iron sheets
- > Precision-ground, hardened blades
- > With opening spring and locking device
- > Pinch guard prevents operators' fingers being pinched
- > Adjustable bolted joint
- > Shears body: surgical steel, stainless, vacuum-hardened
- > Handles: plastic, impact-proof

95 05 185

- > Angled shape – for easy execution of long cuttings; ergonomically shaped plastic handles



95 05 140



95 05 185



95 05 190

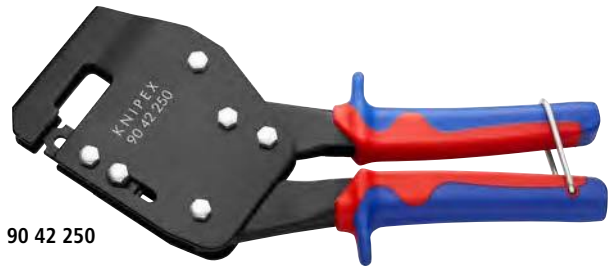
Part No.	EAN 4003773-	↔ mm		Head	Handles	⚖ g
95 05 140	019589	140	W	polished	plastic coated	67
95 05 185	060277	185	W ∠40°	polished	plastic coated	115
95 05 190	019602	190	W	polished	plastic coated	116

Punch Lock Riveters

- > To join metal section sheets used in dry walling for dividing walls and drop ceilings, without needing screws or rivets
- > For U- and C-shaped sections with max 1.2 mm metal (2 x 0.6 mm)
- > Minimum handforce required due to optimum lever transmission
- > Pliers body: special tool steel, rolled, oil-hardened

90 42 250

- > For one-hand operation



90 42 250



Setting the pliers for connection of two metal section sheets



The punching tool is squeezed through the metal section sheets

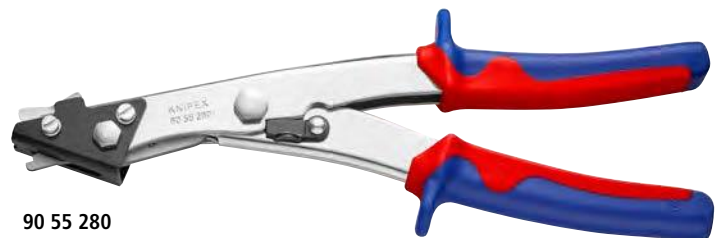


90 42 340

Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Capacity	⚖ g
90 42 250	047865	250	W	burnished	with multi-component handles	max. 1.2 (2 x 0.6)	676
90 42 340	071884	340	W	burnished	with multi-component handles	max. 1.2 (2 x 0.6)	901
90 49 340	028079	Spare punch for 90 42 340					
90 49 340 M	028499	Spare die for 90 42 340					

Sheet Metal Nibbler

- > For cutting iron, copper or aluminium sheet metal up to max. 1.2 mm thickness, plastic up to max. 2.0 mm thickness
- > Materials are cut without deformation
- > Clean cut edges – no trimming activities needed
- > With chip breaker
- > Easy handling
- > Cutting width: 2.7 mm
- > Blades: special tool steel, oil-hardened, interchangeable
- > Tool body: special tool steel, rolled, oil-hardened



90 55 280



Notching and chip breaking in a single pass



Notching without chip breaking

Part No.	EAN 4003773-	↔ mm		Tool	Handles	⚖ g
90 55 280	026730	280	W	nickel plated	with multi-component handles	461
90 59 280	027355	Spare blade for 90 55 280				

Notching Pliers

- > Special pliers for notching recesses into plastic ledges and plastic casings for electric and plumbing installation
- > Notches can be enlarged by initial and final cut
- > Clean cut edges – no trimming activities needed
- > Easy handling
- > With opening spring, opening limiter and locking lever
- > Pliers body: special tool steel, rolled, oil-hardened



90 61 16



90 61 20

The KNIPEX Notching Pliers produce the most common notches in plastic ledges and cable ducts in a simple, fast and clean way. No time-consuming sawing out or nibbling and no additional work required.



Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Capacity Width x Depth	⚖ g
90 61 16	051947	250	MM	burnished	with plastic handles	16 x 32 mm	403
90 61 20	051954	250				20 x 29 mm	414

Cycle Pliers

- > For very narrow screw connections
- > Special tool steel, forged, oil-hardened

84 11 200

- > Straight head

84 21 200

- > 20° angled head



84 11 200



84 21 200

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Head thickness mm	⚖ g
84 11 200	052265	200		black atramentized	polished	with plastic coating	3.5	180
84 21 200	051930	200		black atramentized	polished	with plastic coating	3.5	182

Spring Hose Clamp Pliers

PATENTED

- > Rotating, universal grip inserts for reliably gripping the clamps in all positions
- > Jaw inserts can also be rotated under load
- > Extremely good leverage which allows clamps to be opened easily without great effort
- > Slim head design; narrow head width, rotating grip inserts make this an ideal tool, especially in confined areas
- > Additional function: detach hoses gently using the serrated jaw
- > Chrome vanadium electric steel, forged, oil-hardened

Proven features of the KNIPEX Cobra®

- > Less physical effort due to very high transmission ratio
- > First class guard to prevent fingers being pinched
- > Long-lasting secure grip ensured by high wear resistance
- > Fine adjustment ensures a precise fit to suit the most diverse clamp sizes
- > Open at the touch of a button
- > Box-joint design for high stability due to double guide

85 51 250 AF

- > The locking device enables simple and secure work on clamps under tension without effort



85 51 180 A



85 51 250 A



85 51 250 AF



A single pair of pliers for various sizes of clamps and spring band clamps. Rotating jaw inserts enable them to adapt to any position while still guaranteeing that clamps are securely positioned in the pliers.

APPLICATION AREAS CARS/TRUCKS

Air suction, cooling, charge air, water return, thermostat, fuel, heating



Part No.	EAN	↔ mm	Pliers	Handles	Capacity	Adjustment positions	△ g
85 51 180 A	081159	180	grey atramentized	with non-slip plastic coating	max. 50 mm	15	170
85 51 250 A	077329	250	grey atramentized	with non-slip plastic coating	max. 70 mm	25	345
85 51 250 AF	078623	250	grey atramentized	with non-slip plastic coating	max. 70 mm	19	350
85 59 250 A	077336	Spare parts assortment grip inserts, for 85 51 250 A/85 51 250 AF					
87 09 180	034360	Assortment of spare parts Adjustment for 87 180					
87 29 01	079002	Assortment of spare parts for 87 2X 250					
87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)					

Hose Clamp Pliers

for Click clamps

► To open and close Click clamps

- > Rotating jaw inserts for the safe actuation of clamps in any position
- > Good leverage which allows clamps to be opened and closed again comfortably and easily without a great deal of effort
- > For easy working on fuel hoses, vacuum pipes and suction nozzles and many other applications
- > Additional function: detach hoses gently using the serrated jaw
- > Slim head design; narrow head width, rotating grip inserts make this an ideal tool, especially in confined areas
- > Chrome vanadium electric steel, forged, oil-hardened

Proven features of the KNIPEX Cobra®

- > First class guard to prevent fingers being pinched
- > Long-lasting secure grip ensured by high wear resistance
- > Box-joint design for high stability due to double guide



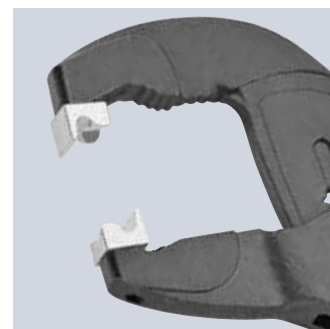
85 51 180 C



85 51 250 C



Serrated gripping jaws for easy loosening of tight hoses



Part No.	EAN	↔ mm	Pliers	Handles	⚖ g
85 51 180 C	081166	180	grey atramentized	with non-slip plastic coating	170
85 51 250 C	078517	250			345
85 59 250 C	078999	Spare parts assortment grip inserts, for 85 51 180 C/85 51 250 C			
87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)			
87 09 180	034360	Assortment of spare parts Adjustment for 87 180			

Revolving Punch Pliers

- > To punch holes into leather, textiles and plastic material
- > With six interchangeable punches: Ø 2.0/2.5/3.0/3.5/4.0/5.0 mm
- > With opening spring and locking device
- > Powder-coated for reliable protection against rust
- > Pliers body and punches: special tool steel, oil-hardened



90 70 220

Interchangeable punches

Part No.	EAN 4003773-	↔ mm		Pliers	⚖ g
90 70 220	019411	220	MM	red powder-coated	251
90 79 220 20	053729	Punch for 90 70 220 2 mm			
90 79 220 25	053736	Punch for 90 70 220 2,5 mm			
90 79 220 30	053743	Punch for 90 70 220 3 mm			
90 79 220 35	053750	Punch for 90 70 220 3,5 mm			
90 79 220 40	053767	Punch for 90 70 220 4 mm			
90 79 220 50	053774	Punch for 90 70 220 5 mm			

Tile Nibbling Pincer

(Parrot Beak Pincer)

- > Enlarges holes in tiles and forms tile edges
- > Special tool steel, forged, oil-hardened



91 00 200

Part No.	EAN 4003773-	↔ mm	Pliers	Head	⚖ g
91 00 200	013754	200	black atramentized	polished	158

Upholstery Pliers

- > For the professional fixing of seat covers on profiled seats to the seat frame with all popular upholstery clips
- > Securely insert upholstery clips, guide and hold: the special groove fixes the upholstery clips in the correct position
- > Easy positioning of the upholstery clips: a closing spring holds the pliers closed, the clip can be securely positioned and pressed
- > Upholstery clips can be easily pressed together due to a good transmission ratio of the pliers
- > Durable and strong
- > Special tool steel, forged, oil-hardened



91 91 180



Part No.	EAN 4003773-	↔ mm	Pliers	Handles	⚖ g
91 91 180	092650	180	mirror polished	with plastic coating	175

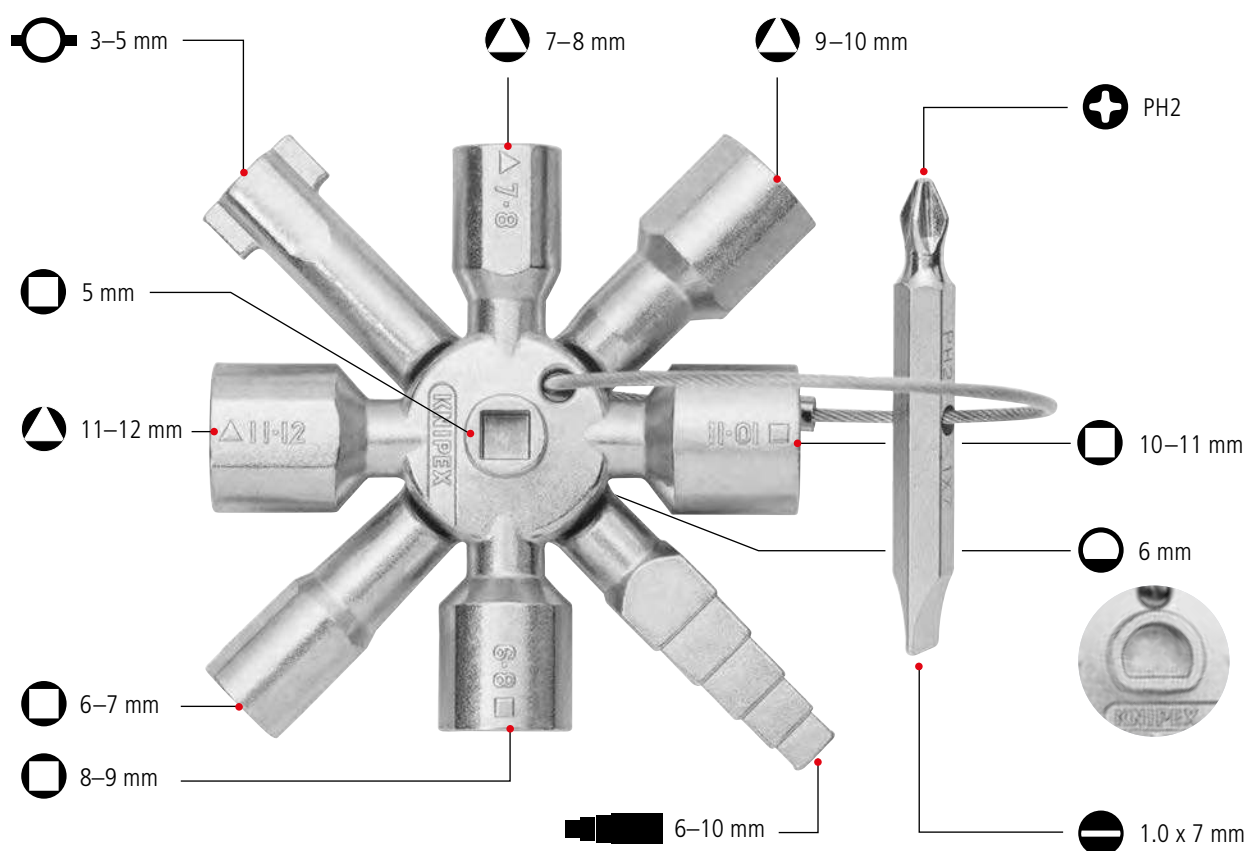
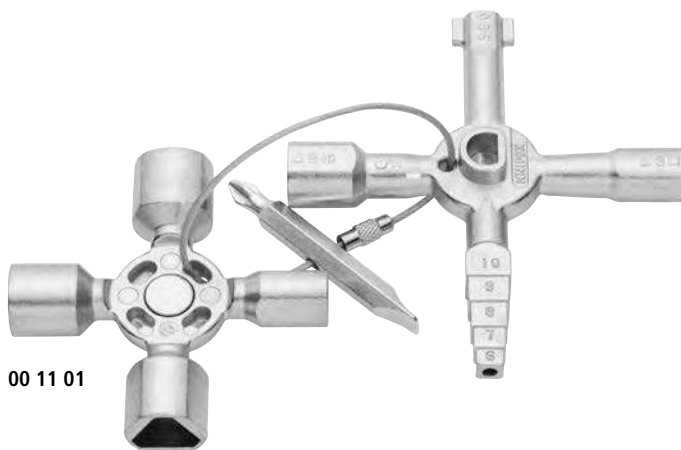
KNIPEX TwinKey®

PATENTED

Control Cabinet Key

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

- > Multifunctional key for the actuation of locking systems from the areas of facilities engineering (heating and plumbing, air conditioning, electrical technology), gas and water supply, and shut-off-systems
- > 8-arm version: two 4-way spider keys connected in a space-saving way using magnets
- > For 6 different locking systems
- > With reversible bit: 1.0 x 7 mm slot and PH2 cross slot
- > With bit adapter for 1/4" bits with magnet
- > Key and reversible bit joined by stable stainless steel wire
- > Total length: 92 mm
- > Zinc die-casted



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

Control Cabinet Keys

- > Standard key for technical installations in buildings, e.g. air conditioning and ventilation systems, shut-off valves, main switchboards, etc.
- > For 4 different locking systems
- > With reversible bit: 1.0 x 7 mm slot and PH2 cross slot
- > With adapter for 1/4" bits chained to key
- > Zinc die-casted

00 11 02

- > Short version, total length 44 mm

00 11 03

- > Long execution, total length 76 mm



00 11 02



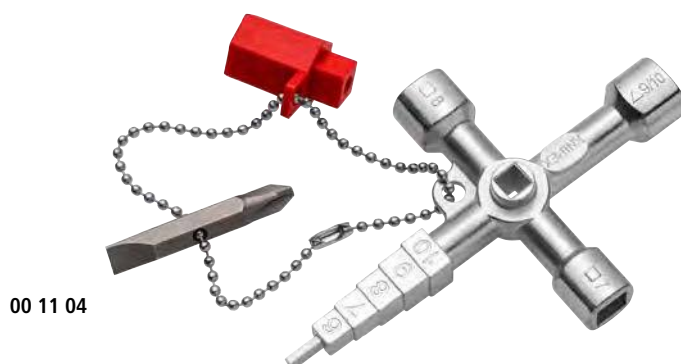
00 11 03

Part No.	EAN 4003773-	 mm	 mm	 mm	 mm	 Inch	Bit	 g
00 11 02	048947	44	3 – 5	6/7 – 8/5	7/8 – 9	1/4	PH2/slotted 1 x 7	65
00 11 03	041658	76	3 – 5	5/6/7 – 8	7/8 – 9	1/4	PH2/slotted 1 x 7	88

Profi-Key

Control Cabinet Key

- > Key for heating, air conditioning, plumbing and building technology, e.g. for door and window handles or for radiator-bleeding
- > With grub screw (3 mm) for mounting and removing door and window handles
- > For 5 different locking systems
- > With reversible bit: 1.0 x 7 mm slot and PH2 cross slot
- > With adapter for 1/4" bits chained to key
- > Total length: 89 mm
- > Zinc die-casted



00 11 04

Part No.	EAN 4003773-	↔ mm	⌀ mm	⌀ mm	⌀ mm	⌀ mm	⌀ mm	Bit	g
00 11 04	048954	89	5/7/8	9 – 10	6/7/8/9/10	3	1/4	PH2 / slotted 1 x 7	86

Universal Key

- > Compact key for locking systems in electrical engineering, the supply of gas and water, air conditioning and ventilation systems, industry, technical installations in buildings, etc.
- > For 5 different locking systems
- > With detachable chain and snap hook
- > Total length: 96 mm
- > Zinc die-casted



00 11 06

Part No.	EAN 4003773-	↔ mm	⌀ mm	⌀ mm	⌀ mm	⌀ mm	⌀ mm	Bit	g
00 11 06	071334	96	3 – 5	5/6/7 – 8/9 – 10	7 – 8/9 – 10/11	6	1/4	PH2 / slotted 1 x 7	220

Universal Key “Construction”

- ▶ Same model as Universal Key (00 11 06) with additional insertable, magnetically held attachment: for locks with PZ perforation and step square

- > Compact key for locking systems in electrical engineering, the supply of gas and water, air conditioning and ventilation systems, industry, technical installations in buildings, etc.
- > Support with cylinder perforation suitable for profile cylinders in doors
- > For 7 different locking systems
- > With detachable chain and snap hook
- > Total length: 96 mm
- > Total length: 157 mm
- > Zinc die-casted



00 11 06 V01



Part No.	EAN 4003773-	↔ mm	 mm	 mm	 mm	 mm	 mm	 Inch	 g
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	255

Double-Joint

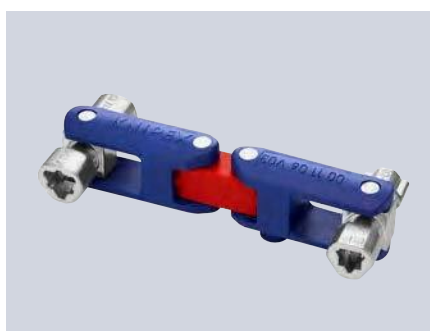
foldable control cabinet key

- ▶ Very compact design
- ▶ Can be used as T-handle for higher torques

- > Compact key for locking systems in electrical engineering, the supply of gas and water, air conditioning and ventilation systems, industry, technical installations in buildings, etc.
- > For 3 different locking systems
- > Total length: 62 mm
- > Total length: 124 mm
- > Key profiles made of die-cast zinc
- > Housing made of glass fibre reinforced plastic



00 11 06 V03



Part No.	EAN 4003773-	↔ mm	 mm	 mm	 mm	 g
00 11 06 V03	083085	62	3 – 5	5/6/7 – 8	7/8 – 9	91

JointKey Quadro

Universal Key for all standard shut-off systems

- ▶ Versatile: 8 locking heads, for 10 different locks
- ▶ For shut-off systems and locking devices in the fields of building technology (heating and sanitary, air conditioning and ventilation technology, electrical engineering), gas and water supply
- ▶ Clear: labelling with dimensions of the locks directly on the key



00 11 06 V04

- > Transport-friendly control cabinet keys: foldable for space-saving storage
- > Two folding swivel arms with 360° rotating key holders, each with four key profiles
- > Locking functions: Inside square 5/6–7/8–9 mm. Inside triangular 5/6–7/8–9/10 mm. Double bit 3–5 mm
- > Additionally with universal 1/4" bit holder for commercially available bits and 1/4" socket spanner holder, with effective power transmission due to T-handle
- > Zinc die-casted

Part No.	EAN 4003773-	↔ mm	 mm	 mm	 mm	⚖ g
00 11 06 V04	084389	63	3 – 5	5/6 – 7/8 – 9	5/6 – 7/8 – 9/10	105

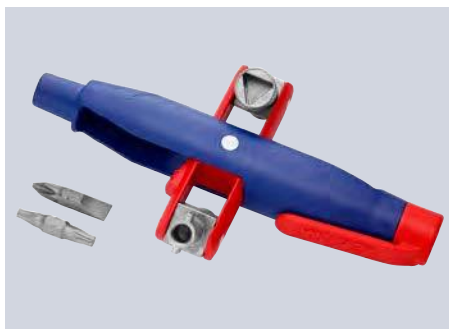
Pen-Style Control Cabinet Key

- ▶ Easy to carry pen-style control cabinet key with fastening clip

- > For control cabinets and shut-off systems in the supply of gas, water and electricity
- > For 4 different locking systems
- > With 2 reversible bits: cross recess PH/slot 7.0 x 1.2 mm and TX20/TX25
- > With bit adapter for 1/4" bits with magnet
- > Total length: 145 mm
- > Key profiles made of die-cast zinc
- > Housing made of glass fibre reinforced plastic



00 11 07



Part No.	EAN 4003773-	↔ mm	 mm	 mm	 mm	 Inch	Bit	⚖ g
00 11 07	063018	145	3 – 5	5/6/8	9	1/4	PH2/slotted 1.2x7 TX20/TC25	95

CABLE AND WIRE ROPE SHEARS

PRODUCT FINDER FOR CABLE SHEARS

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Cable Shears

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Cable Shears (ratchet action) with telescopic handles	175

Wire Rope Shears

Wire Rope Shears	176
Bowden Cable Cutter	177



95 18 225

PRODUCT FINDER

FOR CABLE SHEARS

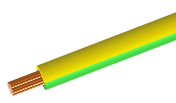
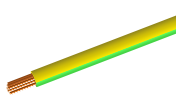
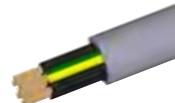
Cable variants in different materials and cross-sections often place very specific demands on the cutting tool. Find the right one for you here.

Type					
Illustration					
Cable type					
Example cable designations					
Example cable names					
Application ►					
	Illustration	Product	Part No.	Special features/properties	Capacity Ø ▼
Shears		Electricians' shears	95 05 10 SB 95 05 155 P. 170	Fine-toothed precision blades with cable cutter; 95 05 10 SB with crimping point for wire ferules in the handle area	12 mm
		Angled electricians' shears	95 05 20 P. 171	Fine-toothed precision blades with cable cutter; crimping point for wire ferules in the handle area; with opening spring	15 mm
One-hand Cable Shears		Cable Shears	95 XX 165 P. 168	Adjustable joint, 95 X1 165 without opening spring, 95 X2 with opening spring	15 mm
			95 4X 165 P. 168	Adjustable joint, with spring and stripping function 1.5 – 2.5 mm ²	12 mm
		Cable Shears with twin cutting edge	95 1X 200 P. 169	Adjustable joint, with two cutting edges for pre-cutting and post-cutting	20 mm
		KNIPEX StepCut®	95 1X 160 P. 166	Step cutter: particularly easy cutting of multi-core cables	15 mm
		KNIPEX StepCut® XL	95 1X 225 P. 167	For one- and two-hand operation; with additional cutting edge for nibbling large cables	23 mm
		Cable Shears	95 05 165 P. 170	Low weight, also suitable for smaller hands; with opening spring and catch	10 mm
		Cable Shears	95 06 230 P. 170	Low weight, also suitable for smaller hands	16 mm
Two-hand Cable Shears		Cable Shears	95 XX 500 P. 171	Low weight, high transmission ratio	27 mm
Cable cutters with ratchet action		Cable Cutters	95 XX 250 P. 172	Three-speed gear drive for optimised one- and two-hand operation, compact and robust construction	32 mm
			95 XX 280 P. 172		52 mm
			95 XX 320 P. 172		60 mm
		Cable Cutters	95 XX 315 A P. 174		45 mm
		Cable Shears	95 32 038 P. 175	Articulated joint: adjustable handle width, with telescopic handle	38 mm
		Cable Cutters	95 32 060 P. 175	With telescopic handle	60 mm
			95 32 100 P. 175	With telescopic handle	100 mm

●● 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.

R Rubber hose cable, e.g. H07RN-F
C Control cable, e.g. Ölflex®

 Single-wire (rigid) Conductor class 1		 Multi-wire (rigid) Conductor class 2		 Feindrätig Fine-stranded (flexible) Conductor class 5		 Special cable
						
Single-core cable	Multi-core cable	Single-core cable	Multi-core cable	Single-core cable	Multi-core cable	Steel wire armoured cable
H07 V-R, NYY-J	NYM-J, NYY-J, NM-B, Twin & Earth	H07V-R, THHN	NYM-J, NYY-J	H07V-K, SOOW	H07RN-F, SOOW	SWA
Lightning protection cable	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	–
Lightning protection, equipotential bonding	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	✓ R: 5x1.5 mm ² C: 5x2.5 mm ²	–
–	✓	–	✓	✓ 50 mm ²	✓ R: 5x2.5 mm ² C: 5x6 mm ²	–
✓ 16 mm ²	✓ 5x4 mm ²	✓ 35 mm ²	✓ 5x4 mm ²	✓✓ 50 mm ²	✓ R: 5x2.5 mm ² C: 5x6 mm ²	–
✓ 16 mm ²	✓ 5x1.5 mm ²	✓ 35 mm ²	✓ 5x1.5 mm ²	✓✓ 35 mm ²	✓ R: 5x1.5 mm ² C: 5x2.5 mm ²	–
✓ 16 mm ²	✓ 5x6 mm ²	✓ 35 mm ²	✓ 5x6 mm ²	✓✓ 70 mm ²	✓ R: 5x6 mm ² C: 5x10 mm ²	–
✓✓ 16 mm ²	✓✓ 5x4 mm ²	✓✓ 35 mm ²	✓✓ 5x4 mm ²	✓ 50 mm ²	✓ R: 5x2.5 mm ² C: 5x6 mm ²	–
✓✓ 35 mm ²	✓✓ 5x6 mm ²	✓✓ CU 70 mm ² AL 120 mm ²	✓✓ 5x6 mm ²	✓ 120 mm ²	✓ R: 5x6 mm ² C: 5x16 mm ²	–
✓ 6 mm ²	✓ 5x1.5 mm ²	✓ 16 mm ²	✓ 5x1.5 mm ²	✓ 50 mm ²	✓ R: 3x1.5 mm ² C: 5x2.5 mm ²	–
✓ 16 mm ²	✓ 5x4 mm ²	✓ 50 mm ²	✓ 5x6 mm ²	✓ 70 mm ²	✓ R: 5x4 mm ² C: 5x6 mm ²	–
✓ CU 150 mm ² AL 240 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	✓✓ R: 5x16 mm ² C: 5x25 mm ²	–
✓ 240 mm ²	✓ 4x70 mm ²	✓ 240 mm ²	✓ 4x70 mm ²	–	–	–
✓ 380 mm ²	✓ 4x95 mm ²	✓ 380 mm ²	✓ 4x95 mm ²	–	–	–
✓ CU 600 mm ² AL 740 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 280 mm ²	✓ CU 4x70 mm ²	✓ CU 280 mm ²	✓ CU 4x70 mm ²	✓ 280 mm ²	✓ R: 5x25 mm ²	–
✓ CU 740 mm ²	✓ CU 4x185 mm ²	✓ CU 740 mm ²	✓ CU 4x185 mm ²	–	–	–
✓ CU 960 mm ²	✓ CU 4x240 mm ²	✓ CU 960 mm ²	✓ CU 4x240 mm ²	–	–	–

KNIPEX StepCut®

PATENTED

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
- > Cuts without crushing
- > Bolted joint: precise, effortless, durable
- > Pinch guard prevents operators' fingers being pinched
- > Not suitable for steel wire and hard drawn copper conductors
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 56 HRC
- > High-grade special tool steel, forged, oil-hardened

95 12 160

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



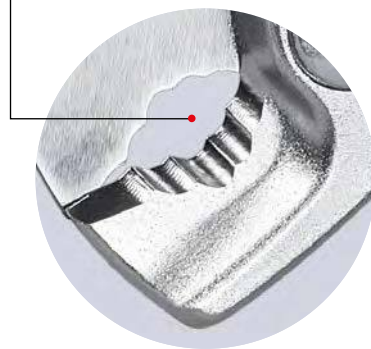
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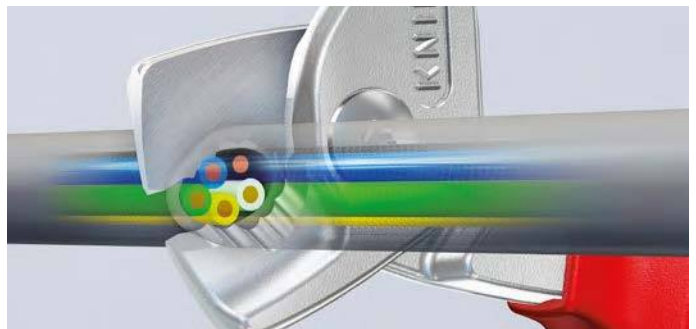
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95 16 160



The gradations cut wires one after the other, without crushing



Part No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities		AWG	⚖ g
						⊕ Ø mm	⊕ mm²		
95 11 160	085904	160		burnished	with plastic coating	15.0	50	1 / 0	180
95 12 160	085928	160		burnished	with comfort handles	15.0	50	1 / 0	225
95 16 160	085966	160	⚡ 1000V ⚡	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	1 / 0	225

KNIPEX StepCut® XL

Cable shears with step cut

- ▶ High-leverage joint, long handles and optimised cutting edges: noticeably easier cutting than with compact cable shears
 - ▶ Large cutting capacity: cuts solid copper or aluminium cables up to 35 mm², stranded cables up to 70 mm² and fine stranded cables up to 120 mm²
 - ▶ Dual cutting areas: Stepped cutting edge holds small and larger cables close to the joint during the cut; the front cutting edge cuts very large cables step by step
- > Easy one- or two-handed operation with minimum handle opening for large cable diameters
 - > Adjustable, high-leverage bolted joint provides precise and smooth cutting
 - > Slim head for easier accessibility
 - > Pinch guard prevents operators' fingers being pinched
 - > Not suitable for steel-reinforced cables, e.g. ACSR
 - > Cutting edges additionally laser-hardened, cutting edge hardness approx. 56 HRC

95 12 225

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



95 11 225



95 12 225



95 18 225



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



Stepped cutting edges prevent cables from slipping out



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

Part No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities			
						Ø mm	mm ²	AWG	g
95 11 225	088882	225		burnished	with plastic coating	23.0	70	2 / 0	365
95 12 225	088899	225		burnished	with comfort handles	23.0	70	2 / 0	425
95 18 225	089964	225	⚡ 1000 V	burnished	insulating multi-component handle, VDE-tested	23.0	70	2 / 0	457

Cable Shears

- Clean and smooth cut without crushing and deformation
- Easy cutting with one-hand operation
- Adjustable bolted joint, self-retaining screw

- > Cuts multi-core stranded copper and aluminium cables up to Ø 15 mm (50 mm²)
- > Not suitable for steel wire and hard drawn copper conductors
- > Precision-ground, hardened blades
- > With guard
- > For cutting copper and aluminium single conductors as well as multiple stranded cables
- > High-grade special tool steel, forged, oil-hardened

95 12 165 / 95 22 165

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions

Style 1

- > Basic

Style 2

- > Internal opening spring, protected and captive, retainer

Style 4

- > Multifunctional tool for working on NYM cable from 3 x 1.5 mm² to 5 x 2.5 mm² (cutting and stripping); universal stripping area for both solid conductor cross-sections; reliable alignment of the cable in the stripping area due to V-shaped blade geometry



95 11 165



95 12 165



95 16 165



95 22 165



95 41 165



95 26 165: catch locks shears with internal opening spring



95 41 165: with stripping function

Cut performed with cable shears: easy, clean cut without any deformation of the cable

Part No.	EAN 4003773-	↔ mm	Style	Tool	Handles	Cutting capacities			
						Ø mm	mm²	AWG	Δg
95 11 165	040323	165	1	burnished	with plastic coating	15.0	50	1 / 0	215
95 12 165	029182	165	1	burnished	with comfort handles	15.0	50	1 / 0	253
95 16 165	039648	165	1	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	1 / 0	262
95 21 165	069805	165	2	burnished	with plastic coating	15.0	50	1 / 0	215
95 22 165	069812	165	2	burnished	with comfort handles	15.0	50	1 / 0	254
95 26 165	069980	165	2	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	1 / 0	275
95 41 165	078609	165	4	burnished	with plastic coating	12.0	35	1 / 0	220

Cable Shears

with twin cutting edge

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

- > For cutting copper and aluminium cables up to Ø 20 mm (70 mm²)
- > Not suitable for steel wire and hard drawn copper conductors
- > Precision-ground, hardened blades
- > Low handforce required due to favourable lever ratio and special blade geometry
- > Adjustable bolted joint, self-retaining screw
- > High-grade special tool steel, forged, oil-hardened

95 12 200

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



95 11 200



95 12 200



95 16 200



95 17 200

The twin cutting edge allows a comfortable handle position in all cutting situations within the specified cutting capacity.



Initial cut: using the front cutting edge to cut the insulating sheath on larger cable diameters leaves an ergonomic handle opening width



Final cut: after cutting the sheath in the front profile the conductors in the rear part are cut. Initial cut in the front profile, final cut in the rear profile – to keep it as easy as possible



Part No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities			
						Ø mm	mm ²	AWG	Δ g
95 11 200	043928	200		burnished	with plastic coating	20.0	70	2 / 0	283
95 12 200	047834	200		burnished	with comfort handles	20.0	70	2 / 0	324
95 16 200	026761	200	⚡ 1000 V	chrome-plated	insulated with multi-component grips, VDE-tested	20.0	70	2 / 0	340
95 17 200	026952	200	⚡ 1000 V	chrome-plated	with dipped insulation, VDE-tested	20.0	70	2 / 0	360

Cable Shears

handles extrusion plastic-coated

- > Not suitable for steel wire and hard drawn copper conductors
- > Precision-ground, hardened blades
- > No crushing, slight deformation of the cable only
- > Pinch guard prevents operators' fingers being pinched
- > Adjustable bolted joint
- > Shears body: surgical steel, stainless, vacuum-hardened
- > Handles: plastic, impact-proof

95 05 165

- > Cuts cables up to Ø 10 mm / 24 mm²; With opening spring and lock; blades made of stainless steel; oil-hardened and tempered

95 06 230

- > For copper single conductors up to 16 mm², multiple stranded wires up to 50 mm², fine stranded up to 70 mm² and aluminium conductors multiple stranded wires up to 70 mm²; easy cutting with one-hand operation due to high transmission ratio; stainless special grade steel, oil-hardened and tempered



95 05 165



95 06 230

Part No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities		AWG	⚖ g
						Ø mm	mm²		
95 05 165	019596	165	MM	polished	plastic coated	10.0	24	4	111
95 06 230	006305	230	⚡ 1000V	polished	plastic insulated, VDE-tested	16.0	50	1 / 0	274

Electricians' Shears

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

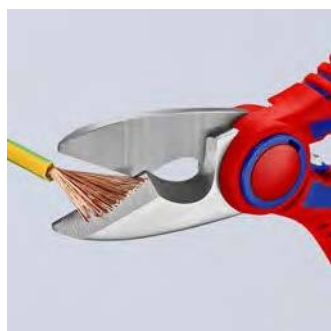
- > Handles with multi-component grips, glass fibre reinforced
- > Universal shears for electricians
- > Cutting edges made from stainless steel, hardness of cutting edges 56 HRC
- > Not suitable for cutting solid conductors
- > With plastic belt pouch



95 05 10 SB



95 05 155 SB



No slipping due to micro-serration



Integrated cable cutter



95 05 10 SB: fast, easy crimping



Securely stowed and always at hand

Part No.	EAN 4003773-	↔ mm	Head	Handles	⚖ g
95 05 10 SB	082125	160	polished	with multi-component grips, glass fibre reinforced plastic	135
95 05 155 SB	077725	160	polished	with multi-component grips, glass fibre reinforced plastic	170

Angled Electricians' Shears

- Precision-ground blades with fine serrations for a clean, non-slip cut
- Adapted to the hand: angled blades and optimised handle design for improved ergonomics

- > Two crimping areas for wire ferrules of 0.5–6 mm² and 10–25 mm²
- > Suitable for cutting of the following cables: 1 x 25 mm² such as H01 N2-D flexible / stranded rubber connecting and control cables for arc welding, 5 x 2.5 mm² such as H07 RN-F flexible and stranded heavy rubber hose line cable, flexible and stranded cables up to Ø 15 mm, 5 x 1.5 mm² such as damp-proof installation cables
- > Includes opening spring and lock for easy storage
- > Tether attachment point can be used with KNIPEX Tethered Tools System
- > Cutting edges made from stainless steel, hardness of cutting edges 56 HRC
- > Not suitable for cutting solid conductors
- > Practical belt pouch (00 19 75 LE) available separately



95 05 20 SB



With fine serration for precise cutting ...



... and two crimping areas for standard wire ferrules sizes



Practical belt pouch (00 19 75 LE) available separately



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

Cable Shears

for two-hand operation

- Low weight, high leverage

- > Low handforce required due to favourable lever ratio and special blade geometry
- > For cutting copper and aluminium single conductors as well as multiple stranded cables
- > Precision-ground, hardened blades
- > Clean and smooth cut without crushing and deformation
- > Not suitable for steel wire and wire ropes
- > Pinch guard prevents operators' fingers being pinched
- > Adjustable bolted joint
- > Cutter head: vanadium electric steel, forged, oil-hardened
- > Handles: aluminium tube, high-strength



95 12 500



95 17 500

Large cutting capacity: max. Ø 27 mm / 150 mm²

Part No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities			g
					Ø mm	mm ²	AWG	
95 12 500	069966	500	burnished	with multi-component handles	27.0	150	6 / 0	1090
95 17 500	026785	500	polished	with dipped insulation, VDE-tested	27.0	150	6 / 0	1477

Cable Cutters

PATENTED

(ratchet action)

- ▶ Sturdy. Easy to use. Stable.
- ▶ Innovative three-stage ratchet-drive with high leverage for easy cutting in one-hand and two-hand operation
- ▶ Simple handling as a result of low weight and compact design – can be used even in confined areas

- > Pinch guard prevents operators' fingers being pinched
- > For cables with single and multi-wire conductors (conductor classes 1 & 2 according to DIN EN 60228, VDE 0295, IEC 60228)
- > Manual open and emergency release possible in any position
- > Lockable for transport in closed condition – saves space and protects the tool
- > Not suitable for steel wire, wire ropes and fine-stranded (highly flexible) conductors
- > High-grade special tool steel, forged, oil-hardened

95 31 250 / 95 36 250

- > For cutting copper and aluminium single conductors as well as multiple stranded cables, up to Ø 32 mm (240 mm²)

95 31 280 / 95 36 280

- > For cutting copper and aluminium single conductors as well as multiple stranded cables, up to Ø 22 mm (380 mm²)

95 32 320 / 95 36 320

- > 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



95 31 250



95 36 250



95 32 320



95 36 320



Ratchet principle and two-stage ratchet drive for easier cutting



95 31 280 / 95 36 280: large cutting capacity: maximum Ø 52 mm / 380 mm²



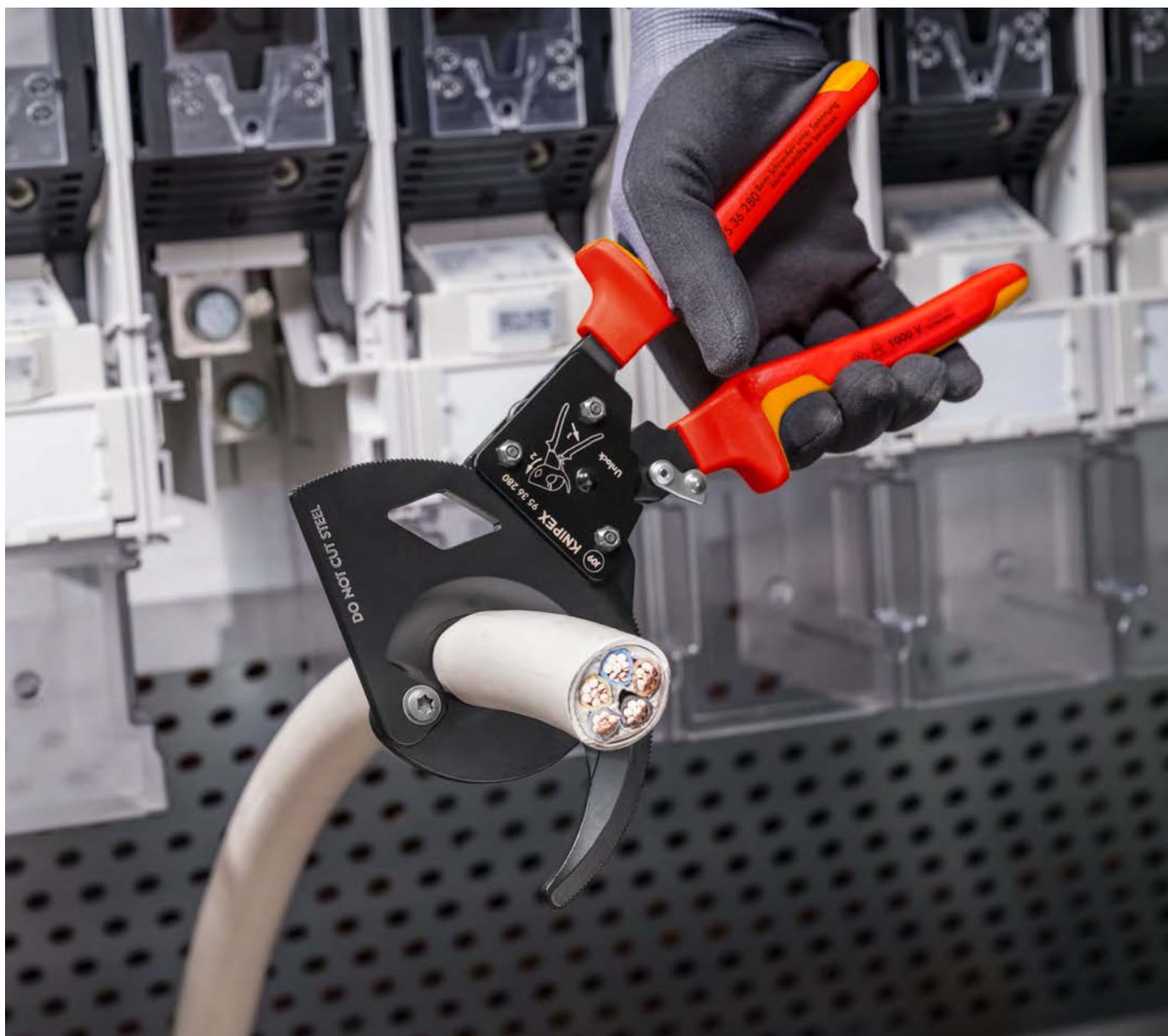
95 32 320 / 95 36 320: fixed handle with support area for putting down the pliers when cutting

The innovative three gear drive permits three operating modes

Third gear for fast, easy cutting. With full opening of the handles, the ratchet drive pushes three cogs on each stroke. For fast working with full lift.

Second gear for convenient, slower cutting. On the middle handle opening, the ratchet drive presses two cogs forwards on each lift. The sickle blade can be slid forward more forcefully. The convenient handle width also permits two-handed operation.

First gear for powerful cutting. On the small handle opening, the ratchet drive presses one cog forwards on each lift. Ideal where there is heavy resistance and for small hands. The narrow handle width enables two-handed operation.



Part No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities			 g
						 Ø mm	 mm²	MCM	
95 31 250	043935	250		black atramentized	with multi-component handles	32.0	240	500	676
95 31 280	043942	280				52.0	380	750	860
95 32 320	075172	320				60.0	600	1200	825
95 36 250	026884	250	  	black atramentized	insulated with multi-component grips, VDE-tested	32.0	240	500	652
95 36 280	026891	280				52.0	380	750	835
95 36 320	075189	320				60.0	600	1200	830
95 39 04	039167	Feed pawl for 95 3 250/280 Models until 2024							
95 39 08	039204	Barrel spring for 95 31 250/280 Models until 2024							
95 39 250	022244	Movable spare blade for 95 31 250 / 95 36 250 Models until 2024							
95 3X E01	089575	Repair kit ratchet drive 95 250/280/315A/320 Models from 2025							
95 250 E01	089537	Movable spare blade for 95 31 250 / 95 36 250 Models from 2025							
95 39 280	025283	Movable spare blade for 95 31 280 / 95 36 280 Models until 2024							
95 280 E01	089544	Movable spare blade for 95 31 280 / 95 36 280 Models from 2025							
95 39 320 01	075714	Pivot cutter repair kit for 95 32 320 and 95 36 320 Models until 2024							
95 39 320 02	075721	Fixed cutter repair kit for 95 32 320 and 95 36 320 Models until 2024							
95 39 08 S	039211	Tension spring set for lateral mounting 95 36 25/28 Models until 2024							
95 3X E02	089582	Screw connection repair kit 95 250/280/315A/320 Models from 2025							
95 320 E01	089568	Pivot cutter repair kit for 95 32 320 and 95 36 320 Models from 2025							

Cable Cutters

PATENTED

(ratchet action)
for steel wire armoured cables (SWA cable)

- ▶ Sturdy. Easy to use. Stable.
 - ▶ Innovative three-stage ratchet-drive with high leverage for easy cutting in one-hand and two-hand operation
 - ▶ Simple handling as a result of low weight and compact design – can be used even in confined areas
- > Pinch guard prevents operators' fingers being pinched
 - > For cables with single and multi-wire conductors (conductor classes 1 & 2 according to DIN EN 60228, VDE 0295, IEC 60228)
 - > Manual open and emergency release possible in any position
 - > Lockable for transport in closed condition – saves space and protects the tool
 - > High-grade special tool steel, forged, multi stage oil-hardened
 - > Cutter head: special high-grade tool steel, forged, oil-hardened



95 32 315 A



95 36 315 A



Precision-milled and induction-hardened cutting edge



Part No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities		MCM	⚖ g
						Ø mm	mm²		
95 32 315 A	078562	315	MM	black lacquered	with multi-component handles	45.0	380	750	800
95 36 315 A	078579	315	MM  1000 V 	black lacquered	insulated with multi-component grips, VDE-tested	45.0	380	750	800
95 315 E01	089551	Pivot cutter repair kit for 95 32 315 A and 95 36 315 A Models from 2025							
95 39 315 A01	078586	Pivot cutter repair kit for 95 32 315 A and 95 36 315 A Models until 2024							
95 39 315 A02	078593	Fixed cutter repair kit for 95 32 315 A and 95 36 315 A							
95 3X E01	089575	Repair kit ratchet drive 95 250/280/315A/320 Models from 2025							
95 3X E02	089582	Screw connection repair kit 95 250/280/315A/320 Models from 2025							

Cable Shears

(ratchet action) with telescopic handles

► Cable shears with adjustable telescopic handles allowing angular positioning

- > For cable diameters up to 38 mm, handles can be positioned at an angle to set the optimum handle width, which makes the shear also suitable for work in confined areas
- > Comfortable work due to ratchet action and low weight
- > Heavy duty telescopic handles made of oval aluminium tubing; extendable up to 770 mm for maximum leverage on large cable diameters; retractable down to 570 mm for minimum space requirements during transport
- > Replaceable cutting head
- > Extensive cutting range up to max. Ø 38 mm or max. 280 mm² (e.g. 4 x 70 mm² NYY) in copper and aluminium cables
- > Easier, neater cut due to optimised cutting edge geometry
- > Adjustable bolted joint
- > Handles: high-strength oval aluminium tubing
- > Cutting head: special quality high-grade tool steel, oil-hardened



95 32 038

Handles adjustable in length and angular position for easier work: set the handle length to the optimum lever for powerful cutting; put the handles at an angle for a comfortable gripping position.



Part No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities			
					⊙ Ø mm	⊙ mm ²	MCM	⚖ g
95 32 038	071556	570	burnished	with multi-component handles	38.0	280	550	1980
95 39 038	073260	Spare cutter head for 95 32 038						

Cable Cutters

(ratchet action) with telescopic handles

- > For copper and aluminium single conductors as well as multiple stranded cables – also with hard rubber or plastic sheath
- > Not suitable for steel wire, wire ropes and fine-stranded (highly flexible) conductors
- > Also suitable for cables with iron sheath reinforcement
- > Little hand force required for cutting due to optimum transmission ratio
- > High cutting capacity due to two-hand operation and ratchet action
- > The blade can be opened in any cutting position
- > Handle length with multiple position adjustment from 400–610 mm (short transport length, individual adaptation to working conditions)
- > Blade: special-quality high-grade tool steel, oil-hardened
- > Handles: high-strength oval aluminium tubing

95 32 100

- > Tool length: 650–860 mm; weight only 4980 g

95 32 060

- > Tool length: 600–810 mm; weight only approx. 3820 g



95 32 060



	EAN				Cutting capacities			
Part No.	4003773-	mm	Head	Handles			MCM	g
95 32 060	071563	630	burnished	with multi-component handles	60.0	740	1400	3820
95 32 100	071570	680			100.0	960	1900	4980
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						

Wire Rope Cutters

PATENTED

also for high-strength wire rope

- ▶ Ergonomic due to lightweight design and practical opening restriction
- ▶ Compact size, low weight, high performance level
- ▶ Made for intensive use: particularly durable and light at only 175 g

- > Convenient work due to opening spring
- > Secured by locking device during transport
- > Up to 30% less physical effort compared to wire rope cutters of the same length
- > Double-mounted box joint design for high level of stability
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Ball bearing steel

95 62 160

- > For high-strength wire ropes up to Ø 4 mm and cables up to Ø 6 mm: noticeably light, high-precision cutting due to unique, patent-pending joint design

95 62 160 TC

- > Specially optimised for precise cutting of tyre cord, wire ropes up to Ø 2 mm and cables up to Ø 2 mm; Ergonomic due to lightweight design and practical opening restriction



95 62 160



95 62 160 TC



Double-bearing joint



Cutting of high-strength wire ropes (1960 N/mm²) of up to Ø 4 mm



Compact at 160 mm but nevertheless more powerful than many larger wire rope cutters



95 62 160



95 62 160 TC

Part No.	EAN	↔ mm		Head	Handles	Cutting capacities		
						⊗ Ø mm	⊙ Ø mm	⚖ g
95 62 160	082354	160	MM	burnished	with multi-component handles	6.0	4.0	175
95 62 160 TC	082422	160	MM	burnished	with multi-component handles	2.0	2.0	175

Wire Rope Cutters

forged

- > With two crimping dies for end caps on Bowden cable sheaths and end ferrules for traction cables
- > Comfortable work due to handy, slim design and internal opening spring
- > Bolted joint for precise blade guidance, re-adjustable
- > High leverage for reduced effort
- > Cutting edge hardness approx. 64 HRC
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened

95 62 190 T*

- > Pliers with integrated tether attachment point for a tool tether



95 61 190

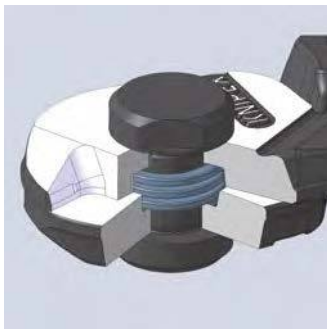


95 62 190



95 62 190 T

Cuts all wire ropes without splaying, including those that are extremely strong.



Internal opening spring



Part No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities				⚖ g
						⊙ Ø mm²	⊙ Ø mm	⊙ Ø mm	⊙ Ø mm	
95 61 190	040651	190	MM	polished	with plastic coating	10	5.0	4.0	2.5	310
95 62 190	071976	190	MM	burnished	with multi-component handles		5.0	4.0	2.5	314
95 62 190 T	080206	190	MM	burnished	with multi-component grips and integrated tether attachment point		5.0	4.0	2.5	345

Bowden Cable Cutter

- > For Bowden cables and soft wire rope up to Ø 3.0 mm (also V2A)
- > Smooth and clean cutting due to special shape of the cutting edges
- > Sickle shape cutting edges surround the material and prevent the wire rope fanning out
- > Little handforce required due to very high transmission ratio
- > With opening spring and locking device
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened



95 61 150



Part No.	EAN 4003773-	↔ mm		Shears	Head	Handles	Cutting capacities		⚖ g
							⊙ Ø mm		
95 61 150	065197	150	MM	black atramentized	polished	with plastic coating	3.0		205

* Other tools with tethering can be found from page 262

CRIMPING PLIERS AND CRIMP ASSORTMENTS

Crimping Pliers

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Crimping Pliers for wire ferrules

with trapezoid crimp

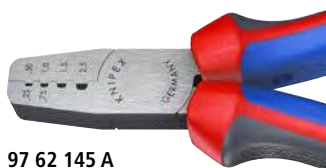
- > For crimping wire ferrules according to DIN 46228 parts 1 + 4 in the range from 0.25 up to 2.5 mm²
- > Crimping in marked trapezoidal dies for reliable connections between the sleeve and the conductor
- > Vanadium electric steel; forged, oil-hardened

97 61 145 A

- > VDE-tested safety up to 1000 volts



97 61 145 A



97 62 145 A



97 68 145 A

Part No.	EAN 4003773-	↔ mm			Head	Handles	Capacity mm ²	AWG	Δ g
97 61 145 A	035558	145			polished	with plastic coating	0.25 – 2.5	24 – 14	140
97 62 145 A	060154	145			polished	with comfort handles	0.25 – 2.5	24 – 14	170
97 68 145 A	071754	145			polished	insulated with multi-component grips, VDE-tested	0.25 – 2.5	24 – 14	175

Crimping Pliers for wire ferrules

with mandrel crimp

- ▶ Light and slim design
- ▶ Easy crimping due to optimised transmission ratio
- > For crimping wire ferrules according to DIN 46228 parts 1 + 4 from 0.25 to 16 mm²
- > Crimping in marked half-round dies for reliable connections between the sleeve and the conductor
- > 9 particularly deep dies with conical side faces
- > Special tool steel, forged, oil-hardened

97 71 180

- > With comfort handles: consisting of three ergonomic components for optimized handling and equipped with two KNIPEXtend interfaces for extensions



97 71 180



97 72 180



97 78 180

97 78 180 T

- > Pliers with integrated tether attachment point for a tool tether

Part No.	EAN 4003773-	↔ mm			Head	Handles	Application	Capacity mm ²	AWG	Δ g
97 71 180	040668	180			polished	with plastic coating	Wire ferrules	0.25 – 16	24 – 6	205
97 72 180	060185	180			polished	with comfort handles	Wire ferrules	0.25 – 16	24 – 6	242
97 78 180	072003	180			polished	insulated with multi-component grips, VDE-tested	Wire ferrules	0.25 – 16	24 – 6	254
97 78 180 T	081531	180			polished	insulated with multi-component grips with integrated tether attachment point, VDE tested	Wire ferrules	0.25 – 16	24 – 6	260

Crimping Pliers for wire ferrules

with front loading

- > For crimping wire ferrules according to DIN 46228 parts 1 + 4 in the range 0.5 to 6 mm²
- > Ideal for work in confined areas, e.g. in narrow and deep switch boxes
- > Special tool steel, forged, oil-hardened



97 81 180

Part No.	EAN 4003773-	↔ mm			Head	Handles	Application	Capacity mm ²	AWG	Δ g
97 81 180	019794	180			polished	with plastic coating	Wire ferrules	0.5 – 6	20 – 10	209

Self-Adjusting Crimping Pliers for wire ferrules

with lateral access

- > For wire ferrules up to 16 mm²
- > Adjusts automatically to the wire ferrule size for precise and quick crimping
- > Crimping of wire ferrules according to DIN 46228 parts 1+4
- > UL approval in conjunction with KNIPEX wire ferrules 97 99 330-399
- > Repetitive, high crimping quality due to ratchet mechanism (unlockable)
- > Precise, factory calibrated crimping pressure
- > High crimping force due to efficient lever action
- > Narrow handle width
- > Ergonomic and comfortable handle, smooth operation and lightweight
- > Special quality chrome vanadium electric steel, oil-hardened

97 53 04 / 97 55 04

- > With square compression
- > Also for Twin wire ferrules up to 2 x 6 mm² or 2 x AWG 10

97 53 14 / 97 55 14

- > With hexagonal compression
- > Also for Twin wire ferrules up to 2 x 10 mm² or 2 x AWG 8

PATENTED



97 53 04



97 53 14



97 55 14



Suitable for fine conductors: crimps fine conductors from 0.08 mm²



97 53 14: hexagonal crimp with automatic size adjustment

The small crimping pliers for wire ferrules with major advantages for the user:

Automatic adjustment to the wire ferrule: This makes work easier for the professional and offers reliable and fast crimping.



97 53 04 / 97 55 04: crimping capacity can be switched over simply from 10 mm² to 16 mm²



97 53 14 / 97 55 14: the crimping pliers can be adjusted to large wire ferrules of 16 mm² or 2 x 10 mm² with the adjusting wheel



97 53 14 / 97 55 14: also suitable for twin wire ferrules: capacity up to 2 x 10 mm²



Part No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm ²	AWG	Δ g
97 53 04	028017	180			burnished	with multi-component handles	Wire ferrules	0.08 – 16	28 – 6	459
97 53 14	041474	180			burnished	with multi-component handles	Wire ferrules	0.08 – 16	28 – 6	445
97 55 04	084853	180			chrome-plated	with multi-component handles	Wire ferrules	0.08 – 16	28 – 6	459
97 55 14	084860	180			chrome-plated	with multi-component handles	Wire ferrules	0.08 – 16	28 – 8	445
97 59 30	053965	Extension spring for 97 53 4/5/8/9/14 thin (handle)								
97 59 31	053972	Extension spring for 97 53 4/5/8/9/14 thick (head)								

Self-Adjusting Crimping Pliers for wire ferrules

with front loading

- > For crimping wire ferrules according to DIN 46228 parts 1 + 4
- > Self-adjusting adaptation to the desired wire ferrule size: no wrong crimps caused by using the wrong die
- > Frontal insertion of the wire ferrules into the pliers
- > Repetitive, high crimping quality due to ratchet mechanism (unlockable)
- > Precise, factory calibrated crimping pressure
- > High crimping force due to efficient lever action
- > Handy shape and low weight provide high operation comfort
- > UL approved crimping together with KNIPEX wire ferrules 97 99 330-399
- > Special quality chrome vanadium electric steel, oil-hardened

97 53 08

- > Compression from 0.08–10.0 mm² in one profile; square crimp; wire ferrules up to 2.5 mm² can also be loaded parallelly from the side; suitable in particular for all twin wire ferrules up to 2 x 4 mm² or 2 x AWG 12

97 53 09

- > Compression from 0.08–10.0 and 16.0 mm² in one profile; with selector lever for setting the crimping area either to 0.08–10 mm² or 16 mm²



97 53 08



97 53 09



97 53 08 and 09: Square crimp with automatic size adjustment



97 53 08: lateral loading of wire ferrules up to 2.5 mm² parallelly from the side e.g. in confined areas



Front loading of wire ferrules e.g. in switchboards

The crimping pliers for wire ferrules with three great advantages for the user:

- > Automatic self-adjustment to the wire ferrule: this allows the specialist to work with less strain and enables secure, reliable and quick crimping
- > Range of applications also for large cross-sections: square crimping 0.08 to 10.0 + 16.0 mm²
- > Front loading: very helpful under difficult working conditions in confined areas



Part No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm²	AWG	⚖ g
97 53 08	040187	190			burnished	with multi-component handles	Wire ferrules	0.08 – 10	28 – 8	477
97 53 09	044550	190			burnished	with multi-component handles	Wire ferrules	0.08 – 10/ 16	28 – 6	486
97 59 30	053965	Extension spring for 97 53 4/5/8/9/14 thin (handle)								
97 59 31	053972	Extension spring for 97 53 4/5/8/9/14 thick (head)								

KNIPEX Twistor®

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

- ▶ Crimp head can be rotated 360°, with 8 locking positions
- ▶ Wire ferrules can be crimped from almost any working position
- > Crimping pliers adjust automatically to different cross-sections
- > Crimp opening accessible from both sides, extra-long wire ferrules can be fed in
- > Crimping of Twin wire ferrules up to 2 x 6 mm² possible
- > Repetitive, high crimping quality due to ratchet mechanism (unlockable)
- > Light and handy tool, manual force reinforced by toggle lever mechanism
- > Crimp opening accessible from both sides, a length of up to 18 mm can be crimped in one operation, extra-long wire ferrules can be fed in
- > Special quality chrome vanadium electric steel, oil-hardened

97 53 18

- > KNIPEX Twistor®16
- Square crimp profile, high capacity range from 0.14 to 16 mm²

97 53 19

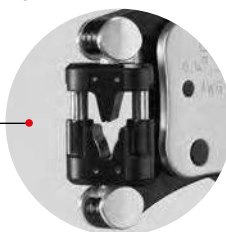
- > KNIPEX Twistor® T
- Trapezoidal crimp profile, high capacity range from 0.14 to 10 mm²



97 53 18



97 53 19



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

Part No.	EAN	↔ mm			Pliers	Handles	Application	Capacity mm²	AWG	Δ g
97 53 18	082729	200			chrome-plated	with multi-component handles	Wire ferrules	0.14 – 16	26 – 6	478
97 53 19	088097	200			chrome-plated	with multi-component handles	Wire ferrules	0.14 – 10	26 – 8	486

KNIPEX PreciForce

Crimping Pliers

- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Precise, factory calibrated crimping pressure
- > High crimping force due to efficient lever action
- > Good handling due to favourable handle position, low weight, short design and ergonomically shaped handles
- > Crimping die is not exchangeable
- > With improved crimp geometry for very good conductivity
- > Special quality chrome vanadium electric steel, oil-hardened



97 52 30



97 52 33



97 52 34



97 52 35



97 52 36



97 52 37



97 52 38



97 52 42



97 52 50

Professionals value crimping pliers that perform accurately and consistently for daily crimping needs. In addition, they should be light, comfortable to use, robust and reasonably priced: KNIPEX PreciForce.



97 52 36



97 52 37



97 52 37



97 52 42

Part No.	EAN 4003773-	↔ mm			Application	Capacity mm ²	AWG	△ g
97 52 30	051855	220			non-insulated terminals in accordance with DIN 46235 and crimp connectors in accordance with DIN 46267	1.5 – 10	16 – 8	477
97 52 33	051862	220			non-insulated terminals	0.5 – 10	20 – 8	478
97 52 34	051879	220			non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)	0.1 – 2.5	26 – 14	483
97 52 35	051886	220			non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)	0.5 – 6	20 – 10	494
97 52 36	051893	220			insulated connectors	0.5 – 6	20 – 10	487
97 52 37	063193	220			insulated connectors with heat shrinkable sleeve	0.5 – 6	20 – 10	478
97 52 38	051909	220			insulated and non-insulated wire ferrules	0.25 – 6	24 – 10	493
97 52 42	092117	220			for solar cable connectors MC4® & MC4® Evo 2	4 / 6	12 – 10	488
97 52 50	051916	220			Coax-, BNC- and TNC-connectors for RG 58/174/188/316			498

Crimping Pliers

for two-hand operation

- > The lever transmission reduces the handforce up to 30% compared with regular crimping pliers
- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Precise, factory calibrated crimping pressure
- > Two-hand operation for easy crimping of large conductor diameters
- > Easy handling as a result of well balanced centre of gravity, angled head and ergonomically shaped handles
- > Crimping die is not exchangeable
- > Special quality chrome vanadium electric steel, oil-hardened



First step: move the handle with two fingers only until both jaws touch the connector to be crimped



Second step: now use the whole hand for further crimping procedure



Third step: when greater hand force is required, such as e.g. when crimping 6.0 mm² insulated connectors, two-hand operation is possible with the longer handles



97 52 04



97 52 05



97 52 06



97 52 08



97 52 09



97 52 10



97 52 13



97 52 19



97 52 23

Part No.	EAN 4003773-	↔ mm			Application	Capacity mm ²	AWG	Δ g
97 52 04	025450	250			non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)	0.1 – 2.5	26 – 14	562
97 52 05	025467	250			non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)	0.5 – 6	20 – 10	572
97 52 06	025474	250			insulated connectors	0.5 – 6	20 – 10	565
97 52 08	025481	250			insulated and non-insulated wire ferrules	0.25 – 6	24 – 10	565
97 52 09	025498	250			insulated and non-insulated wire ferrules	10/16/25	8/6/4	571
97 52 10	023678	250			Coax-, BNC- and TNC-connectors RG 58/59/62/71/223			577
97 52 13	048084	250			non-insulated terminals	0.5 – 10	20 – 8	558
97 52 18	026839	250			Twin wire ferrules 2x6/2x10/2x16 mm ²	6/10/16	10/8/6	571
97 52 19	052142	250			insulated and non-insulated wire ferrules	35 / 50	2 / 0	567
97 52 23	052159	250			non-insulated terminals + cable connectors	16 / 25	6 / 4	565

Crimping Pliers

short design

- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Precise, factory calibrated crimping pressure
- > Good handling due to 20° angled head, low weight and short design
- > Crimping die is not exchangeable
- > Special quality chrome vanadium electric steel, oil-hardened

97 52 20

- > Coax-, BNC- and TNC-connectors RG 58/59/62/71/223

97 52 14

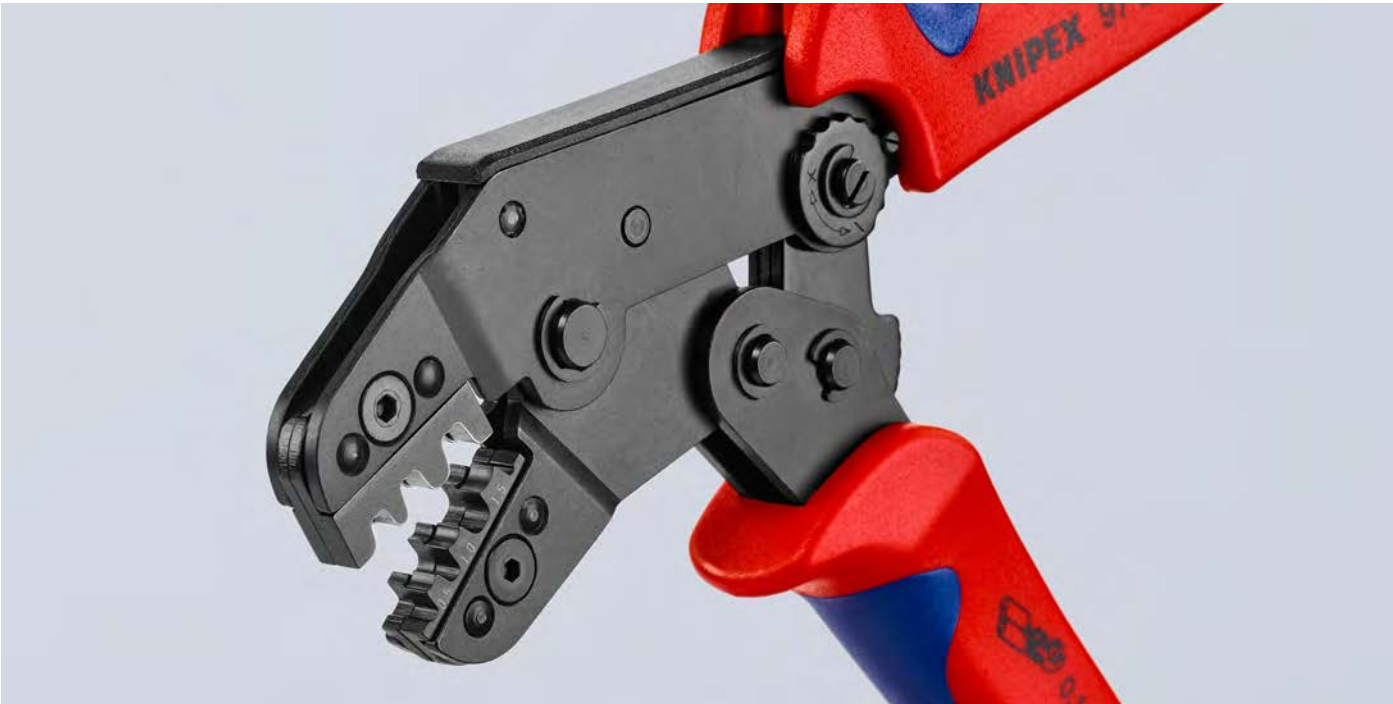
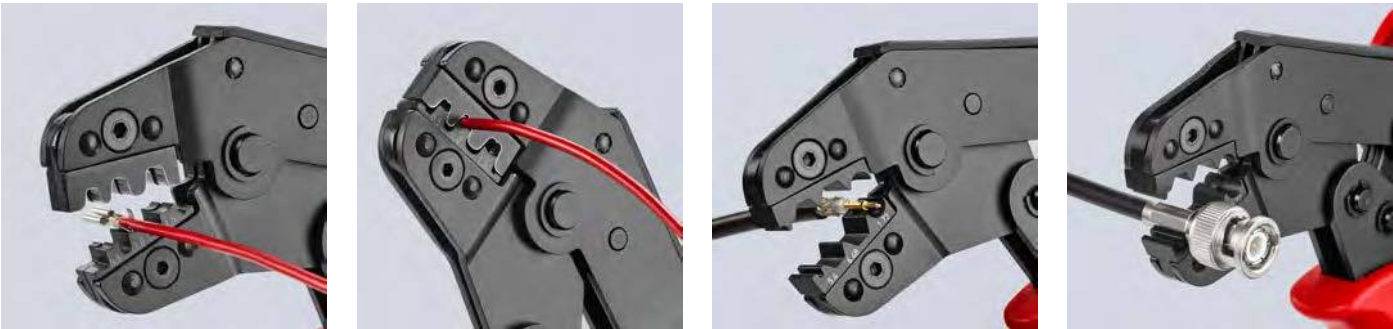
- > For non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)



97 52 14



97 52 20



Part No.	EAN 4003773-	↔ mm		Handles	Application	Capacity mm ²	AWG	ΔΔ g
97 52 14	026808	195		with multi-component handles	non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)	0.1 – 1.5	26 – 16	387
97 52 20	026853	195		with multi-component handles	Coax-, BNC- and TNC-connectors RG 58/59/62/71/223			380
97 59 14	026976	Locator for 97 52 14						

KNIPEX MultiCrimp

PATENTED

Crimping Pliers with changer magazine

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

- > Sorted and protected storage of the interchangeable dies in a round magazine
- > Comfortable, powerful crimping pliers in professional quality
- > Same reliable crimping results as with fixed crimping dies
- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Can be customised with crimping dies from the 97 39 xx series
- > The crimping dies 97 49 XX of crimping system pliers 97 43 200 are not compatible with the KNIPEX MultiCrimp 97 33 01 / 02 / 03 / LE
- > Special quality chrome vanadium electric steel, oil-hardened
- > Round magazine: glass fibre reinforced plastic

97 33 01

- > Crimping pliers with round magazine and three interchangeable crimping dies

97 33 02

- > Crimping pliers with round magazine and 5 interchangeable profiles

97 33 03

- > Crimping pliers with round magazine and three interchangeable crimping dies
- > Universal, high-performance crimping pliers of professional quality for photovoltaic systems

97 33 LE

- > Crimping Pliers with changer magazine, empty



97 33 01



Clearly visible marking on the crimping dies with pictograms



Magazine for crimping dies can be carried on a belt



Compact, inexpensive and light-weight crimping pliers for fitting and repairs. The electrician needs only one tool instead of five as before.

Part No.	EAN 4003773-	↔ mm			Head	Handles	Application	Capacity mm ²	AWG	⚖ g
97 33 01	066927	250			burnished	with multi-component handles	non-insulated, open flat plug connector (plug width 4.8 + 6.3 mm)	0.25 – 6	20 – 10	770
							insulated connectors	0.5 – 6	20 – 10	
							Wire ferrules	0.25 – 6	24 – 10	
97 33 02	066934	250			burnished	with multi-component handles	non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)	0.5 – 6	20 – 10	870
							insulated connectors	0.5 – 6	20 – 10	
							Wire ferrules	0.5 – 6	24 – 10	
							Wire ferrules	10 / 16 / 25	8 / 6 / 4	
							non-insulated terminals	0.5 – 10	20 – 8	
97 33 03	092599	250			burnished	with multi-component handles	Wire ferrules	0.25 – 6	24 – 10	885
							non-insulated terminals	0.5 – 10	20 – 8	
							MC4® & MC4® Evo 2	4 / 6	12 / 10	
97 33 LE	092643	250			burnished	with multi-component handles				
97 39 05	070078	Crimping die for non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)								
97 39 06	070085	Crimping die for insulated cable connectors								
97 39 08	070092	Crimping die for insulated and non-insulated wire ferrules 0.25–6 mm ²								
97 39 09	077763	Crimping die for insulated and non-insulated wire ferrules 10 / 16 / 25 mm ²								
97 39 13	070108	Crimping die for non-insulated cable connectors								
97 39 42	092582	Crimping die for MC4® / MC4® Evo 2 connectors with 4 / 6 mm ²								
97 39 90	070061	Changer magazine empty								

Crimp System Pliers

- ▶ Only one tool for almost 1000 crimping applications: usable with all crimping dies and locators 97 49 XX
- ▶ Almost parallel crimping motion

- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Crimping pressure has been set precisely (calibrated) in the factory and can be adjusted
- > Optimum transmission of force due to lever action for fatigue-reduced operation
- > Different locators for precise positioning of the connectors
- > Crimping dies for applications that go beyond the range offered are available on request
- > The crimping die can be easily exchanged using two screws. Please refer to the instruction manual.
- > Ergonomically designed handles
- > Tool body: high-grade chrome vanadium electric steel, oil-hardened
- > UL approved crimping together with KNIPEX wire ferrules 97 99 330 – 399
- > For one- and two-handed operation
- > Special quality chrome vanadium electric steel, oil-hardened

97 43 05

- > With attached crimping dies for non-insulated open plug-type connectors (4.8 and 6.3 mm connector width)

97 43 06

- > With attached crimping dies for insulated terminals and plug connectors

97 43 66

- > Application: solar cable connectors MC4® and MC4® Evo 2, capacity 2.5/4.0/6.0 mm²
- > The optionally available contact holders 97 49 66 1 for MC4® and 97 49 66 1 EVO for MC4® Evo 2 make it easier to guide the contacts during the crimping process

97 43 66 EVO

- > Specially modified system pliers: optimised for MC4® Evo 2 connectors in 4/6/10 mm²
- > The 97 43 66 EVO includes a locator for precise positioning of MC4® Evo 2. An additional locator is available for all MC4® series solar connectors (97 49 71 1)
- > Professional standard for large photovoltaic installations

97 43 200

- > Practical storage: Crimping system pliers 97 43 200 and inserts for up to six crimping dies (not included) in a plastic case; foam insert with recesses for crimping dies and locators; with service tool (Allen key), screws and nuts

97 43 200 A

- > Pliers without crimping dies, without case
- > The crimping dies 97 49 xx for the Crimp System Pliers 97 43 200 are not compatible with the KNIPEX MultiCrimp 97 33 01/02/03



97 43 200 A



97 43 06



97 43 66



97 43 200

With the possibility of crimping almost all currently available crimp connections with just one tool and state-of-the-art crimping pliers technology, the crimp system pliers solves almost all tasks in mobile and stationary crimping technology and is an excellent tool for professionals to use for standard crimping.



97 43 400 with crimping dies 97 49 24 and locator 97 49 93 for D-Sub plugs



97 43 200 with crimping dies 97 49 09 for wire ferrules



97 43 200 with crimping dies 97 49 06 for insulated terminals, plug connectors and butt connectors



97 43 66 EVO



97 43 66 EVO



MC4® Evo 2 connectors:
durable for larger solar installations



The included locator ensures
exact positioning of the connectors
during crimping

Part No.	EAN 4003773-	↔ mm			Head	Handles	Application	Capacity mm ²	AWG	⚖ g
97 43 05	031031	200			burnished	with multi-component handles	non-insulated open plug-type connectors (4.8 and 6.3 mm connector width)	0.5 – 6	20 – 10	618
97 43 06	031048	200			burnished	with multi-component handles	insulated terminals and plug connectors	0.5 – 6	20 – 10	610
97 43 66	087779	200			burnished	with multi-component handles	MC4® & MC4® Evo 2	2.5 – 6	14 – 10	618
97 43 66 EVO	090014	200			burnished	with multi-component handles	MC4® Evo 2	4 – 10	12 – 8	680
97 43 200	030812	200			burnished	with multi-component handles				988
97 43 200 A	071587	200			burnished	with multi-component handles				574

KNIPEX eCrimp

PATENTED

Electromechanical Crimp System Pliers

- > Strong electromechanical drive, no hydraulic components, no leakages
- > Suitable for all crimping dies 97 49 XX as well as more than 1000 special crimping dies and locators for the mechanical Crimp System Pliers (97 43 200)
- > Ergonomically optimised, user-friendly working height during workshop operation
- > LED working light for targeted illumination of the crimping area
- > Low noise level
- > Long servicing intervals (up to 25,000 crimping actions)! The KNIPEX eCrimp is designed to only require servicing after 25,000 crimping actions. This means the intervals between servicing the electromechanical crimping pliers is 2.5 : 1 in relation to conventionally actuated crimping pliers. The pliers are therefore available for crimping use for considerably longer. They do not need to be sent away frequently for servicing. High availability without downtimes while being serviced.
- > Powerful Li-ion rechargeable battery (12 V; 2.0 Ah; 18 Wh); charge time approx. 30 min; no memory effect
- > Tether attachment point to prevent falling during field work
- > Max. pressing force of the jaws approx. 11 kN
- > Approx. 170 operating cycles for plug-in connectors with 10 mm² nominal size with a single battery charge
- > With Euro plug



97 43 E

The KNIPEX eCrimp is the first electromechanically actuated model of crimping pliers for comfortable and reliable crimping of non-insulated terminals up to 25 mm² and wire ferrules up to 50 mm².

The possible use of over 40 KNIPEX crimping dies and locators as well as more than 1,000 special crimping dies from the proven Crimp System Pliers (97 43 200) makes it an essential tool in the workshop and for rough field work.



Part No.	EAN 4003773-	Mains voltage/frequency	Connector socket	 g
97 43 E	076858	230 V / 50 Hz	CEE 7/16	1960
97 43 E 01	076889	Spare Storage Battery for KNIPEX eCrimp		

Crimping Dies for manual and electromechanical

KNIPEX Crimp System Pliers 97 43 XX

Crimping dies for wire ferrules according to DIN 46 228

97 49 08 / 97 49 09 / 97 49 19

> UL approved crimping together with KNIPEX wire ferrules 97 99 330 – 399

> UL approved crimping together with KNIPEX wire ferrules 99 376 – 378



Part No.	EAN 4003773-			Application	Capacity mm ²	AWG
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 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

Crimping dies for insulated cable connectors

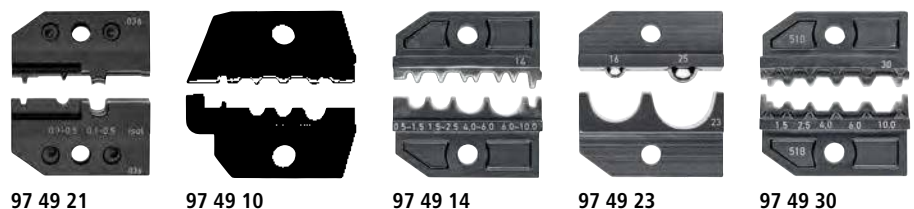
97 49 06

> Not suitable for shrinkable butt connectors



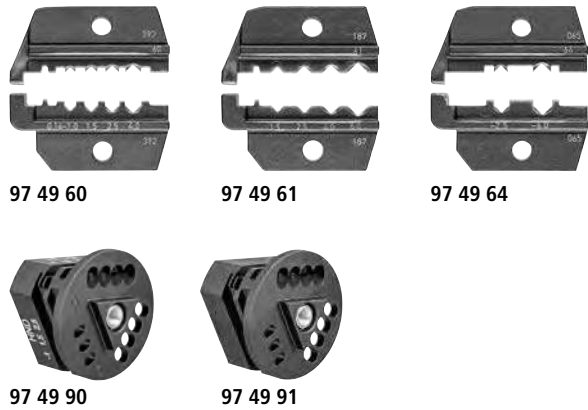
Part No.	EAN 4003773-			Application	Capacity mm ²	AWG
97 49 06	030836			insulated connectors	0.5 – 6	20 – 10
97 49 06 PI	086475			insulated PIDG + PLASTI-GRIP connectors	0.5 – 6	20 – 10
97 49 07	077749			insulated connectors with heat shrinkable sleeve	0.5 – 6	20 – 10
97 49 16	040675			insulated connectors	10/16	8/6
97 49 21	086468			insulated and non-insulated connectors	0.1 – 0.5	20 – 10

Crimping dies for non-insulated cable connectors



Part No.	EAN 4003773-			Application	Capacity mm ²	AWG
97 49 21	086468			insulated and non-insulated connectors	0.1 – 0.5	28 – 20
97 49 10	076896			for non-insulated cable connectors	0.25 – 2.5	24 – 14
97 49 14	077756			for non-insulated cable connectors	0.5 – 10	20 – 8
97 49 23	052135			for non-insulated cable connectors	16/25	6/4
97 49 30	030904			non-insulated terminals in accordance with DIN 46235 and crimp connectors in accordance with DIN 46267	1.5 – 10	16 – 8

Crimping dies for turned contacts

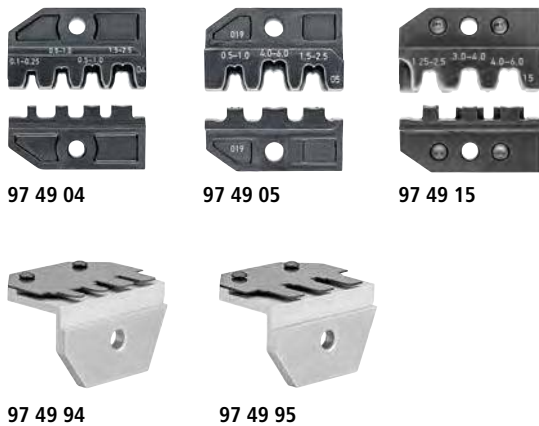


Part No.	EAN 4003773-			Application	Capacity mm ²	AWG
97 49 60	030928			turned contacts (e.g. Harting HAN D®, HAN E®, Tyco Electronics HND series, HE/HA series, HVT series)	0.14 – 4	26 – 12
97 49 61	045137			turned contacts (e.g. Harting HAN C®, Ilme CX series, Phoenix Contact CK4.0 series)	1.5 – 6	16 – 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 90	031017	Locator for 97 49 60 (HTS+Harting)				
97 49 91	045144	Locator for 97 49 61 (HTS+Harting)				

Crimping dies for non-insulated open plug type connectors with plug width of 2.8/4.8/6.3 (former DIN-plugs)

97 49 04

- > Application: for non-insulated, open lug connectors
- > Crimping die 1: 0.1 – 0.25 mm² – plug width 2.8 mm
- > Crimping die 2: 0.5 – 1.0 mm² – plug width 2.8 mm
- > Crimping die 3: 0.5 – 1.0 mm² – plug width 4.8 mm
- > Crimping die 4: 1.5 – 2.5 mm² – plug width 4.8 mm
- > The additionally available locator 97 49 94 makes it easier to guide the contact during the crimping process
- > Not suitable for special contact series such as Tyco Electronics, Molex, JST etc.



97 49 05

- > Application: for non-insulated, open lug connectors
- > Crimping die 1: 0.5 – 1.0 mm² – plug width 4.8 and 6.3 mm
- > Crimping die 2: 1.5 – 2.5 mm² – plug width 4.8 and 6.3 mm
- > Crimping die 3: 4.0 – 6.0 mm² – plug width 4.8 and 6.3 mm
- > The additionally available locator 97 49 95 makes it easier to guide the contact during the crimping process
- > Not suitable for special contact series such as Tyco Electronics, Molex etc.

97 49 15

- > Application:
- > Crimping die 1: for non-insulated, open lug connectors with sided line terminal style A 1.5 + 2.5 mm, e. g. Klauke 3735 style B
- > Crimping die 2: 2.5 – 4.0 mm² – plug width 4.8 and 6.3 mm (straight version)
- > Crimping die 3: 4.5 – 6.0 mm² – plug width 4.8 and 6.3 mm (straight version)

Part No.	EAN 4003773-			Application	Capacity mm ²	AWG
97 49 04	030850			non-insulated open plug type connectors – plug width 2.8 + 4.8 mm	0.1 – 2.5	26 – 14
97 49 05	030867			non-insulated open plug type connectors – plug width 4.8 + 6.3 mm	0.5 – 6	20 – 10
97 49 15	043164			non-insulated open plug type connectors with lateral conductor connection style A	1.5 – 6	16 – 10
97 49 94	030997	Locator for 97 49 04				
97 49 95	031000	Locator for 97 49 05				

Crimping dies for rolled and punched contacts

97 49 28

> The optionally available wire stop 97 49 28 1 prevents the wire from being inserted too far into the crimp connector. This ensures an optimum contact surface for the wire and a reliable electrical connection is established



97 49 24



97 49 25



97 49 26



97 49 27



97 49 28



97 49 54



97 49 93



97 49 25 1



97 49 26 1



97 49 27 1



97 49 28 1

Part No.	EAN 4003773-		Application	Capacity mm ²	AWG
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		for Mini-Fit™ von Molex		24 – 16
97 49 27	079811		MQS connector without single wire seal from Tyco Electrinoacs	0.25 – 0.5	24 – 20
97 49 28	083757		Mini Mic Superseal from Tyco Electronics	0.35 – 1.5	22 – 16
97 49 54	041450		Junior Power Timer without seal from Tyco Electronics	0.5 – 2.5	20 – 14
97 49 93	047926	Locator for 97 49 24 (D-Sub-plugs)			
97 49 28 1	079828	Locator for 97 49 24 (D-Sub-plugs)			
97 49 28 1	079835	Locator for 97 49 24 (D-Sub-plugs)			
97 49 28 1	079842	Locator for 97 49 24 (D-Sub-plugs)			
97 49 28 1	083764	Wire Feed Stopper for 97 49 28			

Crimping dies for coaxial connectors

97 49 40

> Function 1: crimping capacity hexagonal 5.4 mm
> Function 2: crimping capacity hexagonal 6.48 mm
> Function 3: crimping capacity hexagonal 1.72 mm

97 49 50

> Function 1: crimping capacity hexagonal 3.25 mm
> Function 2: crimping capacity hexagonal 4.52 mm
> Function 3: crimping capacity hexagonal 5.4 mm
> Function 4: crimping capacity hexagonal 1.72 mm
> Function 5: crimping capacity hexagonal 1.07 mm
> Function 6: crimping capacity hexagonal 0.72 mm



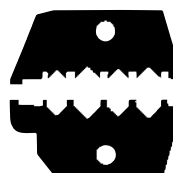
97 49 40



97 49 50

Part No.	EAN 4003773-		Application
97 49 40	030959		Coax connectors RG 58, RG59, RG62, RG71
97 49 50	030966		Coax connectors RG 58, RG174, RG316, RG188

Crimping dies for photovoltaics



97 49 57



97 49 58



97 49 59



97 49 66



97 49 71



97 49 59 1



97 49 66 1



97 49 71 1

Part No.	EAN 4003773-			Application	Capacity mm ²	AWG
97 49 57	093145			for Helios H4™ / H4 Plus™ CF (Amphenol®)	4/6/10	12/10/8
97 49 58	093152			for Helios H4™ / H4 Plus™ CF (Amphenol®)	2.5/4/6	14/12/10
97 49 59	073734			Helios H4™ (Amphenol®)	2.5/4/6/10	14/12/10/8
97 49 66	066699			MC4® & MC4® EVO 2 by Stäubli	2.5/4/6	14/12/10
97 49 71	075066			MC4® by Stäubli	4/6/10	12/10/8
97 49 57 1	093114	Locator for 97 49 57				
97 49 58 1	093121	Locator for 97 49 58				
97 49 58 2	093138	Locator for 97 49 58				
97 49 59 1	073741	Locator for 97 49 59				
97 49 66 1	066736	Locator for 97 49 66 (solar cable connectors MC4®)				
97 49 71 1	075073	Locator for 97 49 71 (solar cable connectors MC4®)				

Crimping dies for Western plugs

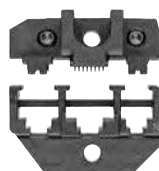
97 49 70

> 4, 6, 8 poles

> RJ9, RJ10, RJ11, RJ12, RJ45

97 49 74

> For short-design Molex plugs or similar



97 49 70



97 49 74

Part No.	EAN 4003773-			Application
97 49 70	030942			unshielded Western plugs with open housing
97 49 74	044062			unshielded Western plugs with open housing (short design)

Set of Mounting Tools

for solar cable connectors MC4®

- > Set of two mounting tools
- > To tighten cable glands of MC4® solar plugs
- > To open the locking of MC4® housings (even in case of mounted lock clip)
- > Tool: glass fibre reinforced plastic



97 49 66 2



Part No.	EAN 4003773-	↔ mm	⚖ g
97 49 66 2	074106	115	18

Crimping Pliers for micro plugs

parallel crimping

- > Parallel crimping performance to satisfy the particularly high standards of small connectors
- > Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
- > Precise, factory calibrated crimping pressure
- > High crimping force due to efficient lever action
- > Crimping pliers for other mini plugs such as HD 22, Modu IV, Micro Timer, MQS ... on request
- > Crimping die is not exchangeable
- > Special quality chrome vanadium electric steel, oil-hardened



97 54 24



97 54 25



97 54 26

Part No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm ²	AWG	⚖ g
97 54 24	060215	190			burnished	with multi-component handles	D Sub	0.03 – 0.56	32 – 20	305
97 54 25	079859	190			burnished	with multi-component handles	Micro-Fit 3.0 from Molex		30 – 20	305
97 54 26	079866	190			burnished	with multi-component handles	for Mini-Fit™ von Molex		24 – 16	305

Tool Set for photovoltaics

► Equipped with tools for photovoltaics

- > Cable Shears 95 16 165 for copper cables up to Ø 15 mm
- > With Crimp System Pliers 97 43 200 A for interchangeable crimping dies, crimping pressure is precisely set at the factory (calibrated)
- > Without crimping dies – please order separately (see ref. 97 49...) for individual assortment
- > Assembly tool (Allen key) for changing the crimping dies
- > Impact-resistant plastic case
- > Foam insert with recesses for tools, 2 crimping dies (not included) and 2 locators (not included)
- > External dimensions: 345 x 80 x 280 mm (W x H x D)

97 91 01

- > Precision Insulation Stripper 12 12 11 (1.5/2.5/4.0/6.0 mm²) with adapted blades for smaller stripping capacities

97 91 03

- > Precision Insulation Stripper 12 12 12 (4.0/6.0/10.0 mm²) with adapted blades for larger stripping capacities



97 91 01

Contents – 97 91 01

12 12 11 KNIPEX	
95 16 165 KNIPEX	
97 43 200 A KNIPEX	

Contents – 97 91 03

12 12 12 KNIPEX	
95 16 165 KNIPEX	
97 43 200 A KNIPEX	



Part No.	EAN			Quantity	Nominal size	g
97 91 01	4003773-070351	Tool set for photovoltaics				1964
		12 12 11	Precision Insulation Stripper with adapted blades 1.5/2.5/4/6 mm²	1	1.5 – 6.0 mm²	
		95 16 165	Cable Shears	1	Ø 15 mm / 50 mm²	
		97 43 200 A	Crimp System Pliers for exchangeable crimping dies	1		
97 91 03	087755	Tool set for photovoltaics				1964
		12 12 12	Precision Insulation Stripper with adapted blades 4/6/10 mm²	1	4.0 – 10.0 mm²	
		95 16 165	Cable Shears	1	Ø 15 mm / 50 mm²	
		97 43 200 A	Crimp System Pliers for exchangeable crimping dies	1		
97 91 01 LE	088813	Tool set for photovoltaics empty				

Tool Set for photovoltaics

► Equipped with tools for photovoltaics

- > With Crimp System Pliers 97 43 200 A for interchangeable crimping dies, crimping pressure is precisely set at the factory (calibrated)
- > Precision Insulation Stripper 12 12 12 (4.0 / 6.0 / 10.0 mm²) with adapted blades for larger stripping capacities
- > Cable shears 95 16 165 for copper cables up to Ø 15 mm
- > Assembly tool (Allen key) for changing the crimping dies
- > With set of mounting tools 97 49 66 2 to tighten cable glands of MC4® solar plugs and to open the locking of MC4® housing
- > Foam insert with recesses for tools, 2 crimping dies and 2 locators
- > Impact-resistant plastic case
- > External dimensions: 345 x 80 x 280 mm (W x H x D)

97 91 04 V01

- > With crimping die 97 49 66 for solar cable connectors MC4® 2.5–6.0 mm², locator 97 49 66 1

97 91 04 V02

- > With crimping die 97 49 71 for solar cable connectors MC4® 4.0–10.0 mm², locator 97 49 71 1



97 91 04 V01

Contents – 97 91 04 V01

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

Contents – 97 91 04 V02

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

Part No.	EAN 4003773-				Quantity	Nominal size	 g
97 91 04 V01	088998	Tool set for photovoltaics					2010
			12 12 11	Precision Insulation Stripper with adapted blades 1.5/2.5/4/6 mm²	1	1.5 – 6.0 mm²	
		 	95 16 165	Cable Shears	1	Ø 15 mm / 50 mm²	
			97 43 200 A	Crimp System Pliers for exchangeable crimping dies	1		
			97 49 66	Crimping die for solar cable connectors MC4® & MC4® Evo 2	1	2.5 – 6.0 mm²	
			97 49 66 1	Locator for 97 49 66 (solar cable connectors MC4®)	1		
			97 49 66 2	Set of Mounting Tools for solar cable connectors MC4®	1		
97 91 04 V02	089001	Tool set for photovoltaics					2010
			12 12 12	Precision Insulation Stripper with adapted blades 4/6/10 mm²	1	4.0 – 10.0 mm²	
		 	95 16 165	Cable Shears	1	Ø 15 mm / 50 mm²	
			97 43 200 A	Crimp System Pliers for exchangeable crimping dies	1		
			97 49 71	Crimping die for solar cable connectors MC4®	1	4.0 – 10.0 mm²	
			97 49 71 1	Locator for 97 49 71 (solar cable connectors MC4®)	1		
			97 49 66 2	Set of Mounting Tools for solar cable connectors MC4®	1		
97 91 01 LE	088813	Tool set for photovoltaics empty					

Four-Mandrel Crimping Pliers for turned contacts

- > Reliable crimping due to synchronised feed of the crimping mandrels
- > With recalibration function; check basic setting using the enclosed test pin
- > The range of applications of the crimping pliers can be extended by exchanging the contact holders of various contact manufacturers
- > High operation comfort due to handy shape
- > Electronic wear monitoring (patented) with warning function
- > Separately available contact holders enable the exact positioning of the crimp contacts
- > Special quality chrome vanadium electric steel, oil-hardened

97 52 63

- > Fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; pliers in a plastic case with foam insert and standard locator for precise positioning of the contacts

97 52 63 DG

- > Crimping capacity can be adjusted in increments of 0.01 mm; with digital display of the preset crimping capacities and possibility of re-calibration via RESET function with electronic wear monitoring; adjustment in mm, inches or comparable selection positions according to MIL; pliers in a plastic case with foam insert and standard locator for precise positioning of the contacts

97 52 65*

- > Fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; locator for positioning the contacts; with table for calculating the settings; pliers in a plastic case with foam insert

97 52 65 A

- > Fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel; with table for calculating the settings; pliers in a plastic case with foam insert

97 52 65 DG*

- > Crimping capacity can be adjusted in increments of 0.01 mm; with digital display of the preset crimping capacities and possibility of re-calibration via RESET function with electronic wear monitoring; adjustment in mm, inches or comparable selection positions according to MIL; with table for calculating the settings; pliers in a plastic case with foam insert and standard locator for precise positioning of the contacts

97 52 65 DG A

- > Crimping capacity can be adjusted in increments of 0.01 mm; with digital display of the preset crimping capacities and possibility of re-calibration via RESET function with electronic wear monitoring; adjustment in mm, inches or comparable selection positions according to MIL; with table for calculating the settings; pliers in a plastic case with foam insert; without positioning guide



97 52 65 A



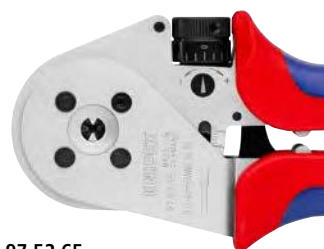
97 52 65 DG A



97 52 63



97 52 63 DG



97 52 65



97 52 65 DG



Multi-functional digital display, adjustment in mm, inch or comparable selection positions according to MIL



97 59 65 2



Turned contacts are used for particularly demanding plug-type connections, e.g. in medical industry and aeronautics. Extremely reliable crimping connections can be achieved only with pliers that work with absolute precision and maintain the required crimping depth in the 1/100 mm range.



*97 52 65 / 97 52 65 DG

Table of setting values can be found online



Part No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Max. contact diameter mm	Capacity mm²	AWG	⚖ g
97 52 63	050148	175			chrome-plated	with multi-component handles	turned contacts	5.0	0.08 – 2.5	28 – 14	388
97 52 63 DG	063209	195			chrome-plated	with multi-component handles	for turned contacts from Phoenix Contact for RC / SC / SI connector series	5.0	0.08 – 2.5	28 – 14	388
97 52 65	045236	230			chrome-plated	with multi-component handles	turned contacts (Harting; Ilme; Phoenix; Amphenol®; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10	676
97 52 65 A	071594	230			chrome-plated	with multi-component handles	turned contacts (Harting; Ilme; Phoenix; Amphenol®; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10	604
97 52 65 DG	063216	240			chrome-plated	with multi-component handles	turned contacts (Harting; Ilme; Phoenix; Amphenol®; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10	633
97 52 65 DG A	071990	240			chrome-plated	with multi-component handles	turned contacts (Harting; Ilme; Phoenix; Amphenol®; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10	633
97 59 65 2	071600	Universal Locator for 97 52 65/97 52 65 A/97 52 65 DG/97 52 65 DG A									

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 positioning aid for flexible adjustment to all contact lengths
- > Process reliability through integrated forced completion, with emergency release
- > Eight settings of the adjusting disc / selector positions for setting the crimping depth can be clearly read on the pliers
- > 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 plug gauges for checking the pliers:
97 59 67 1 – “Go” limit plug gauge
97 59 67 2 – “NoGo” limit plug gauge
- > Special quality chrome vanadium electric steel, oil-hardened

Additionally available: very precisely ground Go/NoGo gauges to control calibration:

Go/NoGo gauges allow quick quality control at any time: Go gauge must fit, NoGo gauge must not fit



97 52 67 DT



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



Selector positions for setting the crimp depth can be clearly read on the pliers



Synchronous feed of the four mandrels achieves optimum crimping results with eight indentations (4/8-Indent)



Universal positioning aid for flexible adjustment to all contact lengths

Part No.	EAN 4003773-	↔ mm		Capacity mm ²	AWG	⚖ g
97 52 67 DT	088820	230		0.35 – 3	22 – 12	650
97 59 67 1	088905	Spare “Go” gauge				
97 59 67 2	088912	Spare “NoGo” gauge				

Crimping Pliers

- > For cutting cables, stripping wire and crimping insulated terminals and heat shrinkable sleeve connectors
- > With threaded holes for cutting copper and brass screws threaded M 2.6/M 3/M 3.5/M 4 and M 5
- > Special steel, high-strength

97 21 215

- > For cutting cables, stripping wire and crimping insulated terminals and heat shrinkable sleeve connectors

97 21 215 B

- > For cutting cables, stripping wire and crimping non-insulated plug type connectors

97 21 215 C

- > For cutting cables, stripping wire and crimping non-insulated crimp terminals according to DIN 46234

97 22 240

- > For cutting cables, stripping wire and crimping insulated terminals and heat shrinkable sleeve connectors and non-insulated plug type connectors

97 32 240

- > For cutting cables, stripping wire and crimping insulated terminals and heat shrinkable sleeve connectors and non-insulated crimp terminals according to DIN 46234



97 21 215



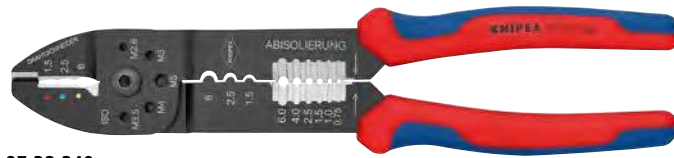
97 21 215 B



97 21 215 C



97 22 240



97 32 240



Part No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm ²	AWG	Δ g
97 21 215	019688	230			black lacquered	with multi-component handles	insulated terminals + cable connectors	0.5 – 6	20 – 10	250
97 21 215 B	019695	230			black lacquered	with multi-component handles	non-insulated open plug-type connectors (plug width 6.3 mm)	0.5 – 2.5	20 – 14	250
97 21 215 C	019701	230			black lacquered	with multi-component handles	non-insulated terminals + cable connectors	0.5 – 6	20 – 10	290
97 22 240	070726	240			black lacquered	with multi-component handles	insulated terminals + cable connectors	0.5 – 6	20 – 10	270
							non-insulated open plug-type connectors (plug width 6.3 mm)	0.5 – 2.5	20 – 14	
97 32 240	079491	240			black lacquered	with multi-component handles	insulated terminals + cable connectors	0.5 – 6	20 – 10	264
							non-insulated terminals + cable connectors	0.5 – 6	20 – 10	

Crimping Pliers for Western plugs

► For data cables in telecommunication and networks

- > Quick cutting and stripping of CAT-cables with high-quality blades
- > Precise crimping process due to parallel crimping
- > Repetitive, high crimping quality due to ratchet mechanism (unlockable)
- > Optimum transmission of force due to lever action for fatigue-reduced operation
- > Separate crimping die for strain relief (cable clip)
- > Head burnished, handles with two-colour multi-component grips
- > Special quality chrome vanadium electric steel, oil-hardened

97 51 10

- > For compression of 6- and 8-pole Western plugs type RJ 11/12 and type RJ 45
- > Long design with length cutter and stripping knife for unshielded ribbon telephone cables

97 51 12

- > For Western connectors type RJ10, RJ11/12 and RJ45
- > Long design with length cutter and stripping knife for unshielded ribbon telephone cables

97 51 13

- > For shielded and unshielded Western plugs RJ45 (8P8C)
- > With adjustable retaining bracket, for all common RJ45 plugs with closed and non-closed housings
- > Separate crimping die for strain relief (cable clip)



97 51 10



97 51 12



97 51 13



For shielded and unshielded Western plugs

Part No.	EAN 4003773-	↔ mm		Handles	Capacity	g
97 51 10	043171	190		with multi-component handles	RJ 11/12 (6-poles) 9.65 mm RJ 45 (8-poles) 11.68 mm	340
97 51 12	043188	200		with multi-component handles	RJ 10 (4-poles) 7.65 mm RJ 11/12 (6-poles) 9.65 mm RJ 45 (8-poles) 11.68 mm	475
97 51 13	087908	190		with multi-component handles	RJ45 (8-poles)	345
97 51 E01	089278	Spare blade for 97 51 10 / 97 51 12 / 97 51 13				

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: plastic, impact-proof



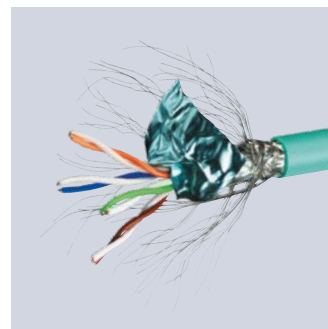
97 40 10



Inserts and cuts cables in one operation



With integrated pulling hook



Part No.	EAN 4003773-	↔ mm	Head	Application	Capacity Ø mm	⚖ g
97 40 10	044895	175	burnished	UTP- and STP-cables, LSA-Plus and identical	0.4 – 0.8	100

Compression Tool

for coax connectors

- ▶ For crimping F, BNC and RCA connectors
- ▶ Robust design

- > 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
- > Applicable among others for compression connectors
Kathrein EMK 12, Cablecon F-56 CX3 5.1,
Astro FKS 06, suitable connector 97 99 500



97 40 20 SB

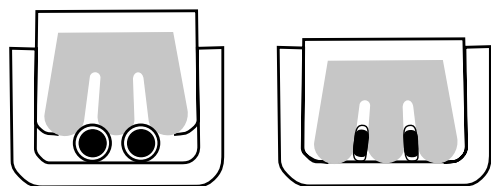


Part No.	EAN 4003773-	↔ mm	Application	⚖ g
97 40 20 SB	077626	175	for F, BNC and RCA connectors	430

Crimping Pliers for Scotchlok™ connectors

with side cutter

- > For crimping plastic-insulated telecommunication or signal cables using the U-contact principle in single Scotchlok™ connectors
- > No stripping necessary, U-shaped elements establish the connection
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC
- > With opening spring
- > Vanadium electric steel; forged, oil-hardened



97 50 01



Part No.	EAN 4003773-	↔ mm		Head	Handles	Application	Capacity Ø mm	Δ g
97 50 01	028239	155		polished	with plastic coating	Scotchlok™ single connector	0.4 – 1.1	135

1 SELECT CRIMP CONTACT

2 SPECIFY DETAILS

3 RECEIVE PRODUCT RECOMMENDATION

Perfect crimping made easy:

The KNIPEX Crimp Advisor

Your guide through the maze of connectors and contacts – for the best connections!

Scan the QR code with your mobile phone or tablet, or visit the KNIPEX website on your PC:

www.knipex.com/product-assistant-crimping-pliers

Crimp Assortments

for wire ferrules

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

97 90 05

- > With Crimping Pliers for wire ferrules 97 71 180

97 90 06

- > With Crimping Pliers for wire ferrules 97 71 180

97 90 09

- > With Self-Adjusting Crimping Pliers for wire ferrules 97 53 04

97 90 10

- > With Self-Adjusting Insulation Stripper 12 40 200;
with Self-Adjusting Crimping Pliers for wire ferrules 97 53 04

97 90 13

- > With KNIPEX Twistor®16 Self-Adjusting Crimping Pliers 97 53 18

97 90 14

- > With KNIPEX Twistor®16 Self-Adjusting Crimping Pliers 97 53 18 and
KNIPEX PreciStrip16 Automatic Insulation Stripper 12 52 195

97 90 15

- > With Crimping Pliers for wire ferrules 97 53 09 and
KNIPEX PreciStrip16 Automatic Insulation Stripper 12 52 195

97 90 16

- > With Crimping Pliers for wire ferrules 97 53 09
and Self-Adjusting Insulation Stripper 12 40 200

97 90 17

- > With Crimping Pliers for wire ferrules 97 53 09
and Self-Adjusting Insulation Stripper 12 42 195



97 90 05

97 90 10

97 90 13

97 90 23

97 90 23

- > With KNIPEX PreciForce Crimping Pliers for wire ferrules 97 52 38

97 90 27

- > With KNIPEX NexStrip® Multi-Tool for Electricians 12 72 190

Part No.	EAN 4003773-		Pliers	200 x mm ²	150 x mm ²	100 x mm ²	75 x mm ²	50 x mm ²	40 x mm ²	Δ g
97 90 05	025535		97 71 180	0.5/0.75/1/1.5/2.5	4/6			10 / 16		930
97 90 06	025542		97 71 180	0.5/0.75/1/1.5	2.5		4/6	10	16	1000
97 90 09	028574		97 53 04	0.5/0.75/1/1.5/2.5		4/6		10		1420
97 90 10	046202		12 40 200	0.5/0.75/1/1.5/2.5		4/6		10		1353
			97 53 04							
97 90 13	083474		97 53 18	0.5/0.75/1/1.5	2.5		4/6	10	16	1270
97 90 14	084884		97 53 18	0.5/0.75/1/1.5	2.5		4/6	10	16	1450
			12 52 195							
97 90 15	084877		97 53 09		1.5	1.5/2.5		6	4	1450
			12 52 195							
97 90 16	086024		12 40 200	0.5/0.75/1/1.5/2.5		4/6		10		1450
			97 53 09							
97 90 17	086031		12 42 195	0.5/0.75/1/1.5/2.5		4/6		10		1450
			97 53 09							
97 90 23	062158		97 52 38	0.5/0.75/1/1.5/2.5		4/6				1226
97 90 27	090021		12 72 190	0.5/0.75/1/1.5	2.5		4			1226
97 90 00 LE	054009	TANOS MINI-systainer® empty								900

Crimp Assortments

for cable connectors

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

97 90 21

- > With KNIPEX PreciForce Crimping Pliers for wire ferrules 97 52 36 (for insulated terminals and plug connectors)

97 90 22

- > With KNIPEX MultiStrip 10 Automatic Insulation Stripper 12 42 195 and KNIPEX PreciForce Crimping Pliers 97 52 36 (for insulated terminals and plug connectors)

97 90 25

- > With Crimping Pliers 97 22 240

97 90 26

- > With Crimping Pliers 97 32 240



97 90 21



97 90 22



97 90 25



97 90 26

Part No.	EAN 4003773-		Pliers	Cable Connectors	Quantity	Cable mm ²	Δ g
97 90 21	062134		97 52 36	Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1	1416
				Round sockets, Ø 4 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 4 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 5 mm	25	4 – 6	
				Cable connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
				Butt Connectors, insulated Red	25	1.5 – 2.5	
				Butt Connectors, insulated Blue	25	0.5 – 1	
				Round Pin Plugs, Ø 4 mm	25	4 – 6	
					25	1.5 – 2.5	
					25	0.5 – 1	
					25	1.5 – 2.5	
					25	0.5 – 1	
97 90 22	062141		97 52 36 12 42 195	Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1	1527
				Cable connectors, eye type, Ø 4 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 5 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 6 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 8 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 4 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 5 mm	25	4 – 6	
				Cable connectors, eye type, Ø 6 mm	25	4 – 6	
				Butt Connectors, insulated Red	25	0.5 – 1	
				Butt Connectors, insulated Blue	25	1.5 – 2.5	
				Butt Connectors, insulated Yellow	25	4 – 6	
					25	0.5 – 1.5	
97 90 25	076971		97 22 240	Blade term sock, 6.3 x 0.8 mm	25	1 – 2.5	1150
				Cable connectors, eye type, Ø 4 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 5 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 4 mm	25	4 – 6	
				Cable connectors, eye type, Ø 5 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 8 mm	25	0.5 – 1	
				Butt Connectors, insulated Red	25	1.5 – 2.5	
				Butt Connectors, insulated Blue	25	0.5 – 1	
				Butt Connectors, insulated Yellow	25	1.5 – 2.5	
					25	4 – 6	
					25	1.5 – 2.5	
97 90 26	079521		97 32 240	Non-insulated Blade term sock, 6.3 x 0.8 mm	25	4 – 6	1420
				Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1	
				Blade terminal plugs, 6.3 x 0.8 mm	25	0.5 – 1	
				Cable connectors, eye type Ø 4 mm	25	1.5 – 2.5	
				Butt Connectors, insulated Red	25	4 – 6	
				Butt Connectors, insulated Blue	25	0.5 – 1	
				Butt Connectors, insulated Yellow	25	1.5 – 2.5	
					25	0.5 – 1	
					25	4 – 6	
					25	0.5 – 1	
					25	1.5 – 2.5	
					25	0.5 – 1	
97 90 00 LE	054009	TANOS MINI-systainer® empty					900

Cable connectors, eye type

insulated

- > Insulation: nylon
- > Operating Temperature: -55 °C to +105 °C
- > Max. electrical load: 600 V
- > DIN 46237



97 99 170

Part No.	EAN 4003773-	Screws Ø mm	Cable mm ²	AWG	Colour	📦
97 99 170	076094	3.0	0.5 – 1	22 – 16	red	200
97 99 171	076100	4.0	0.5 – 1	22 – 16		200
97 99 172	076117	5.0	0.5 – 1	22 – 16		200
97 99 173	076124	4.0	1.5 – 2.5	16 – 14	blue	100
97 99 174	076131	5.0	1.5 – 2.5	16 – 14		100
97 99 175	076148	6.0	1.5 – 2.5	16 – 14		100
97 99 176	076155	8.0	1.5 – 2.5	16 – 14		100
97 99 177	076162	5.0	4 – 6	12 – 10	yellow	100
97 99 178	076179	6.0	4 – 6	12 – 10		100
97 99 179	076186	8.0	4 – 6	12 – 10		100
97 99 180	076193	10.0	4 – 6	12 – 10		100

Twin wire ferrules

with plastic collar

- > Insertion funnel made of polypropylene
- > Heat resistant up to 105 °C
- > Material: E-Cu
- > Surface electro tin plated
- > Minimum coating thickness 3 µm
- > UL-certified



97 99 374

Part No.	EAN 4003773-	↔ mm	Cable mm ²	AWG	Colour	📦
97 99 370	076612	15.0	2 x 0.5	2 x 20	white	200
97 99 371	076629	16.0	2 x 0.75	2 x 18	grey	200
97 99 372	076636	15.0	2 x 1	2 x 18	red	200
97 99 373	076643	18.0	2 x 1.5	2 x 16	black	200
97 99 374	076650	18.0	2 x 2.5	2 x 14	blue	100
97 99 375	076667	23.0	2 x 4	2 x 12	grey	100
97 99 376	076674	26.0	2 x 6	2 x 10	yellow	50
97 99 377	076681	24.0	2 x 10	2 x 8	red	50
97 99 378	076698	29.0	2 x 16	2 x 6	blue	25

Wire ferrules with plastic collar

- > Insertion funnel made of polypropylene
- > Heat resistant up to 105 °C
- > Material: E-Cu
- > Surface electro tin plated
- > Minimum coating thickness 3 µm
- > UL-certified
- > DIN 46228



97 99 336



97 99 353

Part No.	EAN 4003773-	↔ mm	Length of crimp area mm	Cable mm ²	AWG	Colour	📦
97 99 330	076414	14.0	8.0	0.5	20	white	200
97 99 331	076421	14.0	8.0	0.75	18	grey	200
97 99 335	076469	17.0	10.0	4	12	grey	200
97 99 332	076438	14.0	8.0	1	18	red	200
97 99 333	076445	14.0	8.0	1.5	16	black	200
97 99 334	076452	14.0	8.0	2.5	14	blue	200
97 99 336	076476	20.0	12.0	6	10	yellow	100
97 99 337	076483	22.0	12.0	10	8	red	100
97 99 338	076490	24.0	12.0	16	6	blue	100
97 99 339	076506	30.0	16.0	25	4	yellow	50
97 99 350	076513	16.0	10.0	0.5	20	white	200
97 99 351	076520	16.0	10.0	0.75	18	grey	200
97 99 352	076537	16.0	10.0	1	18	red	200
97 99 353	076544	16.0	10.0	1.5	16	black	200
97 99 354	076551	16.0	10.0	2.5	14	blue	200
97 99 355	076568	20.0	12.0	4	12	grey	200
97 99 356	076575	26.0	18.0	6	10	yellow	100
97 99 357	076582	28.0	18.0	10	8	red	100
97 99 358	076599	28.0	18.0	16	6	blue	100
97 99 359	076605	32.0	18.0	25	4	yellow	50

Assortment Boxes

with insulated wire ferrules

► Practical dispenser box, stackable and reclosable

- > Handy, transparent dispenser box
- > Rotating lid with opening to remove individual wire ferrules
- > DIN 46228



97 99 905



97 99 908



97 99 910

Part No.	EAN 4003773-	↔ mm	Quantity	Cable mm ²	AWG	Length of crimp area	Colour	Size Ø	⚖ g
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with insulated wire ferrules

97 99 905	082446	10.0	30	0.25	24	6.0		90 x 44	70
		10.0	30	0.34	22	6.0		90 x 44	
		14.0	30	0.5	20	8.0	white	90 x 44	
		14.0	30	0.75	18	8.0	grey	90 x 44	
		14.0	30	1	17	8.0	red	90 x 44	
97 99 906	082453	14.0	50	0.5	20	8.0	white	90 x 44	95
		14.0	100	0.75	18	8.0	grey	90 x 44	
		14.0	100	1	17	8.0	red	90 x 44	
		14.0	100	1.5	15	8.0	black	90 x 44	
		14.0	50	2.5	13	8.0	blue	90 x 44	
97 99 907	082460	17.0	50	4	11	10.0	grey	90 x 44	90
		20.0	20	6	10	12.0	yellow	90 x 44	
		22.0	20	10	7	12.0	red	90 x 44	
		24.0	10	16	5	12.0	blue	90 x 44	

with Twin wire ferrules

97 99 908	082477	16.0	50	0.75	18	8.0	grey	90 x 44	95
		15.0	50	1	17	8.0	red	90 x 44	
		18.0	50	1.5	15	10.0	black	90 x 44	
		18.0	50	2.5	13	9.0	blue	90 x 44	
97 99 909	082484	23.0	20	4	11	12.0	grey	90 x 44	85
		24.0	10	6	10	12.0	yellow	90 x 44	
		24.0	10	10	7	12.0	red	90 x 44	
		29.0	5	16	5	16.0	blue	90 x 44	

with non-insulated wire ferrules

97 99 910	082491	6.0	500	0.5	20			90 x 44	145
		6.0	500	0.75	18			90 x 44	
		6.0	400	1	17			90 x 44	
		7.0	300	1.5	15			90 x 44	
		7.0	200	2.5	13			90 x 44	
97 99 911	082507	9.0	150	4	11			90 x 44	140
		12.0	75	6	10			90 x 44	
		12.0	75	10	7			90 x 44	
		12.0	50	16	5			90 x 44	

INSULATED TOOLS

Pliers

with VDE-tested insulated multi-component handles	212
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VDE Tool Kits	213
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Other tools

Precision Tweezers	214
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Plastic Insulated Pliers	225
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TESTING
DIELECTRIC STRENGTH,
SUBJECTING EACH PAIR
OF PLIERS TO A LOAD
OF 10,000 V AC.

Insulated tools are a matter of trust

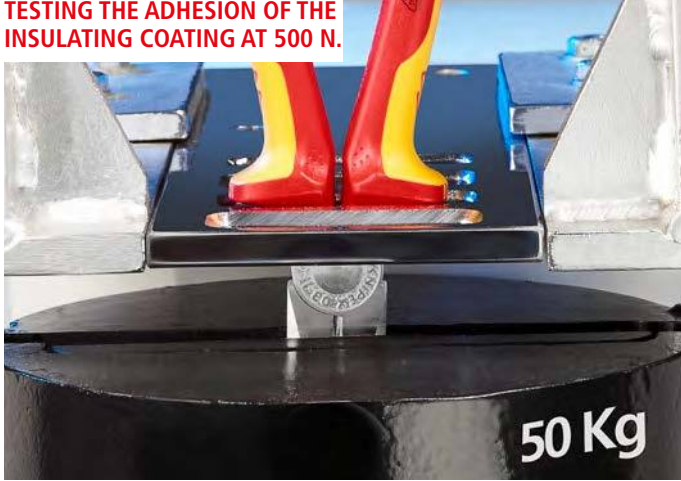
Professionals trust their tools. This trust is vital when working on electrical installations. In this case, the electrician holding the pliers is also holding their life in their hands. Our insulated tools therefore not only meet statutory requirements, but also offer the greatest possible safety, reliability and performance.



Regulated by standards

Only trained professionals are allowed to work on live installations. Such work is subject to strict occupational health and safety standards such as the German DIN VDE 0105 and the international EN 50110 and IEC 60364. In each case they must deploy special tools that have been specifically manufactured and tested for this work. Which requirements have to be met by tools used in live work is determined by DIN EN / IEC 60900. KNIPEX tools which bear the special mark **⚡ 1000V** are approved for work up to 1000 V AC.

TESTING THE ADHESION OF THE INSULATING COATING AT 500 N.



LOW TEMPERATURE IMPACT TEST AT -25°C.



PRESSURE TEST AT 70°C.



TESTING THE ELECTRICAL INSULATING PROPERTIES.



Guaranteed individually checked

Every insulated tool undergoes, one by one, a dielectric strength at 10,000 V AC before we sell it. This means that work in the area up to 1,000 V AC has a safety buffer of ten times the permitted maximum limit. Other procedures check the reliability of the insulation towards heat, cold, tensile and impact force. In addition to the KNIPEX quality assurance team, external institutes and test centres such as the VDE guarantee that all VDE criteria have been satisfied. We go through this effort to safeguard the user. He trusts his well-being with our pliers, day in and day out. In return we want to give him the best possible safety at all times. We stand by this responsibility with our name on the insulation of KNIPEX tools.

Strong beneath the insulation

The insulation provides safety when handling electrical installations, but it does not cut, grip or crimp. The mechanical properties of the basic tool, such as cutting performance, precision and stability, therefore style part of the overall quality of insulated tools.

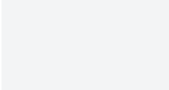
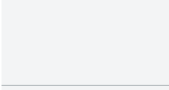
With our insulated pliers, users can depend on the quality and durability of products from KNIPEX production. For assembly tools insulated by us, we use basic tools from tried and tested suppliers whose quality we subject to regular, stringent checks. The expert can rely on this double dependability of tool and insulation.

Always comply with the currently valid regulations and observe the SAFETY INSTRUCTIONS given below:

- > Insulated tools must be transported in a manner that will prevent any damage to the insulation.
- > Check before every use whether the insulation is damaged in any way, defective tools must be discarded.
- > Always keep your insulated tools clean and dry.
- > Wear protective goggles when working with cutting nippers or working overhead.
- > Always wear goggles or a facial mask when working on live equipment.
- > Make sure the workplace is clean and orderly, particularly when you are working on live installations.
- > Wear protective clothing and use SAFETY equipment (e.g. insulating gloves, insulating mats, protective covers) especially in confined working spaces.
- > Use only a tool with suitable dimensions. That will prevent slipping on the workpiece and unintentional contact with non-insulated parts.
- > Make sure that detached parts or cut-off ends of conductors do not fall onto live parts.

Overview of our insulated pliers

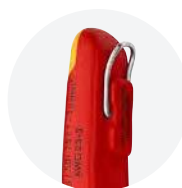
VDE-tested multicomponent handles

	Part No.	Description	Page		Part No.	Description	Page
	01 06 160 01 06 190	Combination Pliers For heavy duty use due to wear-resistant gripper jaws	006		26 16 200 26 16 200 T	Snipe Nose Side Cutting Pliers (Stork Beak Pliers) Half-round, long, tapered jaws	055
	02 06 180 02 06 200 02 06 225	High Leverage Combination Pliers 35% less effort required than with conventional combination pliers	010		26 26 200 26 26 200 T		
	03 06 160 03 06 180 03 06 180 T 03 06 200	Combination Pliers With gripping zones for flat and round material, suitable for versatile use	007		30 16 160	Long Nose Pliers Heavy duty and wear resisting	058
	08 26 145 08 26 145 T 08 26 185	Needle-Nose Combination Pliers Easy cutting due to the high leverage joint	008		30 36 160		
	11 06 160 11 06 160 T	Insulation Strippers Universal, for single, multiple and fine stranded conductors	026		70 06 125 70 06 140 70 06 160 70 06 160 T 70 06 180 70 06 180 T 70 26 160	Diagonal Cutters Narrow head style for use in confined areas	094
	13 46 165	Stripping pliers Multifunctional – cutting and stripping with one pair of pliers	041		73 06 160	KNIPLEX X-Cut® Compact Diagonal Cutters high lever transmission	096
	13 66 180 13 66 180 T	KNIPLEX StriX® Wire stripper with cable shears – two essential electrical installation tools in one pair of pliers	027		74 06 160 74 06 180 74 06 200 74 06 250 74 06 200 T 74 06 250 T	High Leverage Diagonal Cutters For very tough, continuous use	098
	13 86 200 13 96 200	Pliers for Electrical Installation 6 functions in one pair of pliers	042		86 06 250	Pliers Wrenches Pliers and a wrench in a single tool	110
	14 26 160	Diagonal Insulation Strippers With long cutter; high cutting capacity due to high transmission ratio	048		87 26 250 87 26 250 T	KNIPLEX Cobra® VDE High-Tech Water Pump Pliers	122
	20 06 160	Flat Nose Pliers Flat, short, wide jaws	053		88 06 250	KNIPLEX Alligator® Water Pump Pliers	124
	22 06 160	Round Nose Pliers Round, short jaws, finely ground; suitable for bending and gripping of round working pieces	052		95 16 160	KNIPLEX StepCut® Cable shears with step cut	166
	25 06 160 25 06 160 T	Snipe Nose Side Cutting Pliers (Radio Pliers) Half-round, long, tapered jaws	054				
	25 26 160						

Continued on next page

	Part No.	Description	Page
	95 16 165 95 26 165	Cable Shears Clean and smooth cut without crushing and deformation	168
	95 16 200	Cable Shears with twin cutting edge Clean and smooth cut without crushing and deformation	169
	95 18 225	KNIPEX StepCut® XL Cable shears with step cut	167
	95 36 250	Cable Cutters (ratchet action) Little handforce required due to very high transmission ratio	172
	95 36 280		

	Part No.	Description	Page
	95 36 315 A	Cable Cutters (ratchet action) For steel wire armoured cables (SWA cable)	174
	95 36 320	Cable Cutters (ratchet principle, 3-stage) Sturdy. Easy to use. Stable.	172
	97 68 145 A	Crimping Pliers for wire ferrules with trapezoid crimp	180
	97 78 180 97 78 180 T	Crimping Pliers for wire ferrules with mandrel crimp	180



Items with a 'T' in their item number have an integrated eyelet in their handle for attaching a fall protection device. You can find our corresponding TetheredTool range from page 262 onwards.

VDE-tested handles with dipped insulation

	Part No.	Description	Page
	03 07 180 03 07 200	Combination Pliers With gripping zones for flat and round material, suitable for versatile use	007
	26 17 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers) Half-round, long, tapered jaws	055
	26 27 200		
	70 07 160 70 07 180	Diagonal Cutters Narrow head style for use in confined areas	094
	74 07 200 74 07 250	High Leverage Diagonal Cutters For very tough, continuous use	098

	Part No.	Description	Page
	88 07 250	KNIPEX Alligator® Water Pump Pliers	124
	95 06 230	Cable Shears Handles extrusion plastic-coated	170
	95 17 200	Cable Shears With twin cutting edge; clean and smooth cut without crushing and deformation	169
	95 17 500	Cable Shears For two-hand operation; low weight, high leverage	171

VDE Tool Kits

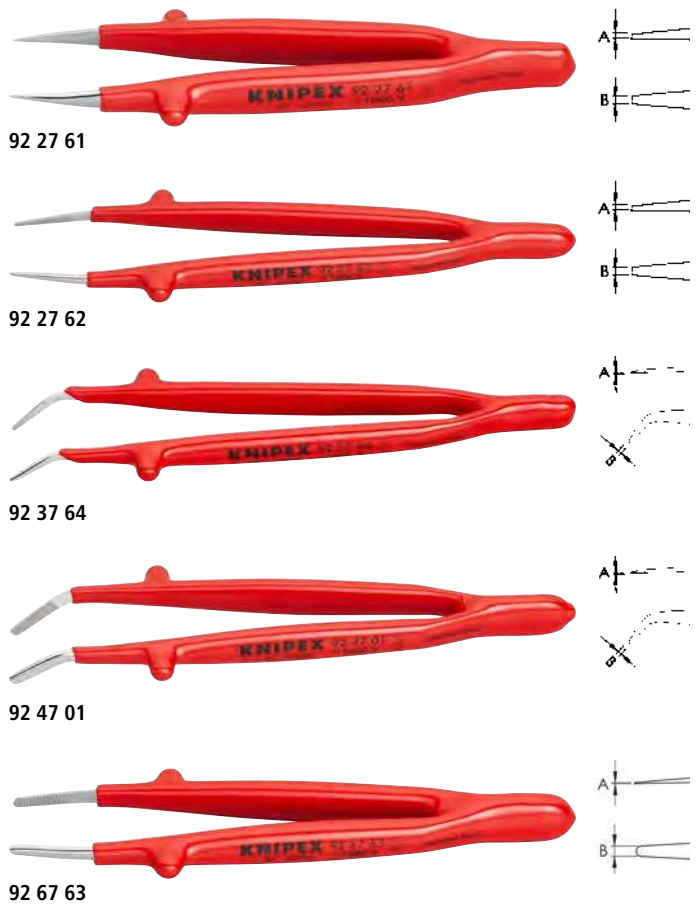
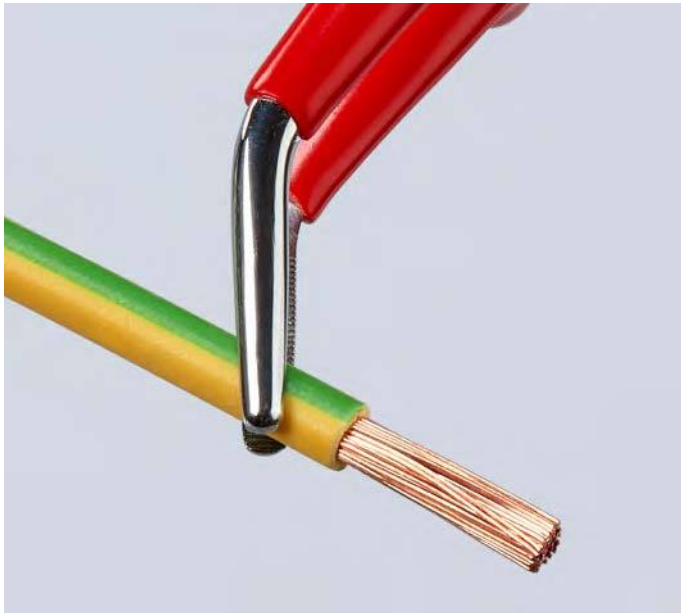
	Part No.	Description	Page
	00 20 15	Tool Box "RED" Electric Set 1	331
	00 21 15	Tool Box "RED" Electric Set 2	331
	00 21 05 EV	Tool Case "Basic" E-Mobility 34 parts	299

	Part No.	Description	Page
	98 99 11	Compact Tool Case 17 parts	332
	98 99 12	Compact Tool Case 27 parts	333
	98 99 13	Tool Roll 15 parts	284

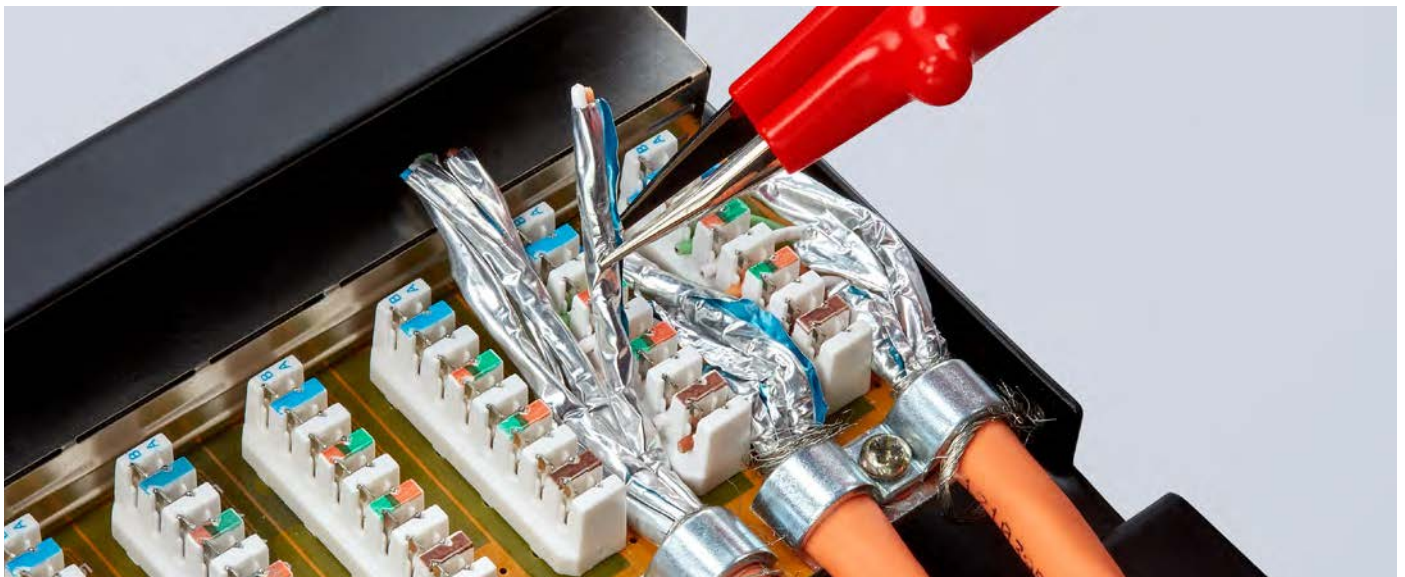
Precision Tweezers

insulated

- > 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
- > Also available as a set (92 00 04)
- > With dipped insulation
- > Spring steel, high-strength
- > DIN EN 60900, IEC 60900



Part No.	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	△ g
92 27 61	054757	128 x 32 x 13	 Δ 1000 V	with dipped insulation	straight	pointed	0.5 x 0.5	19
92 27 62	054764	150 x 40 x 8	 Δ 1000 V	with dipped insulation	straight	pointed	1.0 x 1.3	23
92 37 64	054856	155 x 35 x 12	 Δ 1000 V	with dipped insulation	angled 30°	blunt	1.0 x 1.3	24
92 47 01	086963	147 x 35 x 16	 Δ 1000 V	with dipped insulation	angled 30°	blunt	1.3 x 3.0	41
92 67 63	054931	147 x 38 x 14	 Δ 1000 V	with dipped insulation	straight	blunt	1.3 x 3.0	41

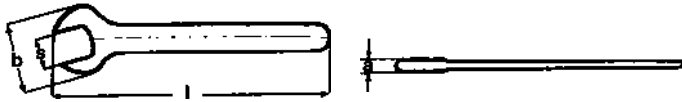


Open-End Wrenches

- > Jaw 15° angled
- > Basic tool chrome-plated
- > Chrome vanadium steel, forged, oil-hardened
- > DIN EN 60900
- > IEC 60900



98 00 14



Part No.	EAN 4003773-		Width across flats S mm	Length l max. mm	Head width b max. mm mm	Head thickness a max. mm	△ g
98 00 07	019824	⚡ 1000V	7.0	105.0	20.0	4.0	15
98 00 08	019831		8.0	105.0	22.0	4.0	31
98 00 09	019848		9.0	105.0	24.0	4.0	29
98 00 10	019893		10.0	105.0	27.0	5.0	46
98 00 11	019909		11.0	120.0	30.0	5.5	45
98 00 12	019923		12.0	125.0	32.0	5.5	70
98 00 13	019930		13.0	130.0	34.0	6.5	68
98 00 14	019947		14.0	135.0	35.0	6.5	86
98 00 15	019954		15.0	145.0	37.0	7.0	80
98 00 16	019961		16.0	155.0	38.0	7.0	112
98 00 17	019978		17.0	155.0	42.0	8.0	119
98 00 18	019985		18.0	160.0	44.0	8.0	149
98 00 19	019992		19.0	165.0	47.0	9.0	154
98 00 22	020004		22.0	190.0	52.0	9.0	216
98 00 24	020011		24.0	210.0	56.0	9.0	290
98 00 27	020028		27.0	215.0	63.0	9.0	307

Adjustable Wrench

- > Parallel smooth gripping jaws
- > Variable gripping width
- > With scaling for presetting the width apart from the workpiece
- > Chrome Vanadium steel
- > DIN EN 60900
- > IEC 60900



98 07 250



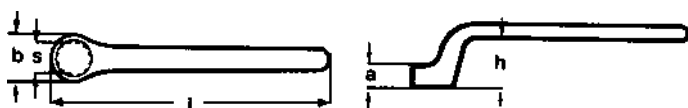
Part No.	EAN 4003773-	↔ mm		Tool	Handle	mm	Inch	Jaw width mm	Head width (W3) mm	Width mm	Depth mm	g
98 07 250	071518	260	22° 1000 V	chrome-plated	with dipped insulation	30.0	1 1/8	8.0	16.0	73.0	20.0	545

Box Wrenches

- > Cranked
- > Basic tool chrome-plated
- > Chrome vanadium steel, forged, oil-hardened
- > DIN EN 60900
- > IEC 60900



98 01 14



Part No.	EAN 4003773-		Width across flats S mm	Length l max. mm	Head width b max. mm	Head thickness a max. mm	Depth of crank h max. mm	g
98 01 07	020134	1000 V	7.0	150.0	12.0	7.0	18.0	55
98 01 08	020141		8.0	155.0	14.0	7.0	19.0	68
98 01 09	020158		9.0	165.0	15.5	8.0	19.0	78
98 01 10	020196		10.0	160.0	17.0	9.0	20.0	75
98 01 11	020202		11.0	165.0	18.5	10.0	21.0	93
98 01 12	020226		12.0	185.0	18.5	10.0	23.0	118
98 01 13	020233		13.0	185.0	21.5	11.0	23.0	125
98 01 14	020240		14.0	195.0	23.0	12.0	24.0	147
98 01 15	020257		15.0	200.0	24.0	12.0	24.0	143
98 01 16	020264		16.0	200.0	26.0	12.0	26.0	172
98 01 17	020271		17.0	205.0	27.0	13.0	26.0	184
98 01 18	020288		18.0	210.0	29.0	13.0	28.0	210
98 01 19	020295		19.0	225.0	30.0	14.0	28.0	245
98 01 22	020301		22.0	225.0	35.0	15.0	30.0	278
98 01 24	020318		24.0	265.0	38.0	16.0	30.0	415

Nut Drivers

with screwdriver handle

- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



98 03 10

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Width across flats S mm	Blade length mm	Handle length mm	Head dia. d mm	g
98 03 04	071679	232		burnished	insulated with multi-component grips, VDE-tested	4.0	125.0	107.0	10.0	70
98 03 05	071686	232				5.0	125.0	107.0	11.0	70
98 03 055	026082	232				5.5	125.0	107.0	11.0	87
98 03 06	026099	232				6.0	125.0	107.0	12.0	88
98 03 07	026105	237				7.0	125.0	112.0	14.0	123
98 03 08	024095	237				8.0	125.0	112.0	15.0	125
98 03 09	026112	237				9.0	125.0	112.0	16.0	129
98 03 10	026129	237				10.0	125.0	112.0	17.0	118
98 03 11	026136	237				11.0	125.0	112.0	19.0	148
98 03 12	026143	237				12.0	125.0	112.0	20.0	150
98 03 13	026150	237				13.0	125.0	112.0	21.0	152

Screwdrivers for Robertson screws

- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



98 12 02

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Screwdriver size	g
98 12 01	086178	185		burnished	insulated with multi-component grips, VDE-tested	R1	60
98 12 02	086185	210				R2	95

Screwdrivers for hexagon socket screws

- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



98 13 30

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Width across flats S mm	Blade length mm	Length of non-insulated blade mm	Handle length mm	g
98 13 20	071693	175		burnished	insulated with multi-component grips, VDE-tested	2.0	75.0	15.0	102.0	40
98 13 25	026334	177				2.5	75.0	15.0	102.0	32
98 13 30	026341	182				3.0	75.0	15.0	107.0	49
98 13 40	026358	182				4.0	75.0	15.0	107.0	55
98 13 50	026365	187				5.0	75.0	15.0	112.0	82
98 13 60	026372	212				6.0	100.0	15.0	112.0	98

Screwdrivers for slotted screws

- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



98 20 55



98 21 45

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Blade width mm	Blade thickness mm	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 20 10	026396	320		burnished	insulated with multi-component grips, VDE-tested	10.0	1.6	200.0	15.0	120.0	184
98 20 25	062325	177				2.5	0.4	75.0	15.0	102.0	32
98 20 30	062332	202				3.0	0.5	100.0	15.0	102.0	35
98 20 35	024217	202				3.5	0.6	100.0	15.0	102.0	35
98 20 40	026402	202				4.0	0.8	100.0	15.0	102.0	38
98 20 55	024224	232				5.5	1.0	125.0	15.0	107.0	69
98 20 65	026419	262				6.5	1.2	150.0	15.0	112.0	105
98 20 80	024231	295				8.0	1.2	175.0	15.0	120.0	152
98 21 45	026426	287				4.5	0.8	180.0	15.0	107.0	66

Screwdrivers (Slim) for slotted screws

- > Reduced extra slim shaft in the front area for recessed spring and screw elements
- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



98 20 65 SL

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Blade width mm	Blade thickness mm	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 20 35 SL	079712	202		burnished	insulated with multi-component grips, VDE-tested	3.5	0.6	100.0	15.0	102.0	35
98 20 40 SL	079729	202				4.0	0.8	100.0	15.0	102.0	38
98 20 55 SL	079736	232				5.5	1.0	125.0	15.0	107.0	69
98 20 65 SL	079743	262				6.5	1.2	150.0	15.0	112.0	105

Screwdrivers for cross-recessed screws

Phillips®

- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



98 24 03

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Size	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 24 00	026433	162		burnished	insulated with multi-component grips, VDE-tested	PH0	60.0	15.0	102.0	32
98 24 01	026440	187				PH1	80.0	15.0	107.0	58
98 24 02	026457	212				PH2	100.0	18.0	112.0	94
98 24 03	026464	270				PH3	150.0	18.0	120.0	165
98 24 04	026471	320				PH4	200.0	18.0	120.0	244

Screwdrivers (Slim) for cross-recessed screws

Phillips®

- > Reduced extra slim shaft in the front area for recessed spring and screw elements
- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



Part No.	EAN 4003773-	↔ mm		Tip	Handle	Size	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 24 01 SL	079750	187	1000 V	burnished	insulated with multi-component grips, VDE-tested	PH1	80.0	15.0	107.0	58
98 24 02 SL	079767	212				PH2	100.0	18.0	112.0	94

Screwdrivers (Slim) Plus/Minus

Phillips®

- > Driving tips for PlusMinus profile screws
- > Use with electronics installation components, e.g. automatic circuit breakers
- > Reduced extra slim shaft in the front area for recessed spring and screw elements
- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



Part No.	EAN 4003773-	↔ mm		Tip	Handle	Size	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 24 01 SLS	081036	187	1000 V	burnished	insulated with multi-component grips, VDE-tested	PH/S 1	80.0	15.0	107.0	56
98 24 02 SLS	081043	212				PH/S 2	100.0	18.0	112.0	90

Screwdrivers for cross-recessed screws

Pozidriv®

- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900



Part No.	EAN 4003773-	↔ mm		Tip	Handle	Size	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 25 00	062370	162	1000 V	burnished	insulated with multi-component grips, VDE-tested	PZ0	60.0	15.0	102.0	32
98 25 01	031260	187				PZ1	80.0	15.0	107.0	58
98 25 02	031277	212				PZ2	100.0	18.0	112.0	90
98 25 03	031284	270				PZ3	150.0	18.0	120.0	167
98 25 04	062387	320				PZ4	200.0	18.0	120.0	245

Screwdrivers (Slim) for cross-recessed screws

Pozidriv®

- > Reduced extra slim shaft in the front area for recessed spring and screw elements
- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Size	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 25 01 SL	079774	187	 1000 V	burnished	insulated with multi-component grips, VDE-tested	PZ1	80.0	15.0	107.0	56
98 25 02 SL	079781	212				PZ2	100.0	18.0	112.0	90



Screwdrivers (Slim) Plus/Minus

Pozidriv®

- > Driving tips for PlusMinus profile screws
- > Use with electronics installation components, e.g. automatic circuit breakers
- > Reduced extra slim shaft in the front area for recessed spring and screw elements
- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Size	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 25 01 SLS	081050	187	 1000 V	burnished	insulated with multi-component grips, VDE-tested	PZ/S 1	80.0	15.0	107.0	55
98 25 02 SLS	081067	212				PZ/S 2	100.0	18.0	118.0	89



Screwdrivers for Torx® screws

- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- > Handle design prevents rolling
- > Chrome vanadium molybdenum steel
- > DIN EN 60900
- > IEC 60900

Part No.	EAN 4003773-	↔ mm		Tip	Handle	Size	Blade length mm	Length of non-insulated blade mm	Handle length mm	⚖ g
98 26 10	071709	160	 1000 V	burnished	insulated with multi-component grips, VDE-tested	TX10	60.0	15.0	102.0	32
98 26 15	071716	185				TX15	80.0	15.0	107.0	58
98 26 20	071723	185				TX20	80.0	15.0	107.0	58
98 26 25	071730	185				TX25	80.0	15.0	107.0	58
98 26 30	071747	210				TX30	100.0	18.0	112.0	94



Sockets for Torx® screws

with internal square 3/8"

- > Basic tool chrome-plated
- > Special tool steel
- > DIN EN 60900
- > IEC 60900



98 29 25



98 29 30



98 29 50

Part No.	EAN 4003773-	↔ mm		Size	△ g
98 29 25	084600	123	△ 1000 V	TX25	58
98 29 27	084617	123	△ 1000 V	TX27	58
98 29 30	084624	123	△ 1000 V	TX30	59
98 29 40	084631	123	△ 1000 V	TX40	59
98 29 45	084648	117	△ 1000 V	TX45	109
98 29 50	084655	117	△ 1000 V	TX50	111

Reversible Ratchets

with driving square 3/8" or 1/2"

- > For use with sockets
- > Reversible for clockwise and anti-clockwise directions
- > Extremely smooth action
- > Quick, easy and reliable locking of attached sockets due to spring-loaded ball
- > Chrome vanadium steel, forged
- > DIN EN 60900
- > IEC 60900



98 31



98 41

Part No.	EAN 4003773-	↔ mm		Square drive Inch	△ g
98 31	026495	190	△ 1000 V	3/8	324
98 41	026518	265	△ 1000 V	1/2	625

Extension Bars

with internal and driving square 3/8" or 1/2"

- > For use with sockets
- > With internal and external square
- > Quick, easy and reliable locking of attached sockets due to spring-loaded ball
- > Chrome vanadium steel, forged
- > DIN EN 60900
- > IEC 60900



98 35 125



98 45 250

Part No.	EAN 4003773-	↔ mm		Square drive Inch	△ g
98 35 125	020530	125	△ 1000 V	3/8	149
98 35 250	020547	250	△ 1000 V	3/8	294
98 45 125	020813	125	△ 1000 V	1/2	258
98 45 250	020820	250	△ 1000 V	1/2	490

Hexagon Sockets for hexagonal screws

for internal square 3/8" or 1/2"

- > For metric hexagonal head screws
- > Basic tool chrome-plated
- > Chrome Vanadium steel
- > DIN EN 60900, IEC 60900



98 47 17

Part No.	EAN 4003773-	↔ mm		Width across flats S mm	Ø of effective tool side d max. mm	Square drive Inch	g
98 37 10	020578	42	⚡ 1000 V	10.0	18.7	3/8	32
98 37 11	020585	43		11.0	20.0	3/8	32
98 37 12	020608	44		12.0	21.2	3/8	33
98 37 13	020615	45		13.0	22.5	3/8	33
98 37 14	020622	46		14.0	23.7	3/8	39
98 37 15	089490	47		15.0	27.5	3/8	61
98 37 16	027263	46		16.0	26.2	3/8	53
98 37 17	020639	46		17.0	27.5	3/8	61
98 37 18	089506	49		18.0	31.0	3/8	61
98 37 19	020646	49		19.0	30.0	3/8	73
98 37 22	089513	49		22.0	33.7	3/8	97
98 47 10	020882	54	⚡ 1000 V	10.0	19.5	1/2	63
98 47 11	020899	54		11.0	20.7	1/2	61
98 47 12	020912	55		12.0	23.0	1/2	64
98 47 13	020929	55		13.0	23.2	1/2	64
98 47 14	020943	55		14.0	24.5	1/2	67
98 47 16	027287	55		16.0	26.9	1/2	69
98 47 17	020967	55		17.0	28.2	1/2	75
98 47 18	027294	55		18.0	29.0	1/2	81
98 47 19	020974	54		19.0	30.7	1/2	99
98 47 22	020981	58		22.0	34.5	1/2	125
98 47 24	020998	61		24.0	37.0	1/2	151
98 47 27	021001	63		27.0	41.0	1/2	183

Hexagon Sockets for hexagonal socket screws

for internal square 3/8" or 1/2"

- > For metric internal hexagonal head screws
- > Basic tool chrome-plated
- > Special tool steel
- > DIN 7422
- > DIN EN 60900
- > IEC 60900



98 39 025



98 39 06

Part No.	EAN 4003773-	↔ mm		Width across flats S mm	Length of non-insulated blade ± 2 mm	Square drive Inch	g
98 39 05	020776	75	⚡ 1000 V	5.0	9.0	3/8	59
98 39 06	020783	75		6.0	10.0	3/8	58
98 39 08	020790	75		8.0	11.0	3/8	71
98 49 05	021155	75	⚡ 1000 V	5.0	9.0	1/2	68
98 49 06	021162	75		6.0	10.0	1/2	72
98 49 08	021179	75		8.0	11.0	1/2	87

Cable Knives

- > Ergonomically designed handle shape with comfortable slip guard
- > Particularly confident grip due to slip-proof soft components
- > Thumb recess and "finger hook" at the end of the handle ensure a good transmission of force when the blade is pulled
- > Solid, fixed straight blade
- > Transparent protective cap
- > Blade: special tool steel, oil-hardened
- > DIN EN 60900
- > IEC 60900

- 98 54**
- > Back of the blade plastic coated to avoid short circuits



Part No.	EAN	↔ mm		Handle	Blade length mm	⚖ g
98 52	035565	190	⚡ 1000 V	insulating multi-component handle, VDE-tested	50.0	75
98 54	026563	190	⚡ 1000 V	insulating multi-component handle, VDE-tested	50.0	65



Stripping Knives

- > Ergonomically designed handle shape with comfortable slip guard
- > Particularly confident grip due to slip-proof soft components
- > Thumb recess and "finger hook" at the end of the handle ensure a good transmission of force when the blade is pulled
- > Transparent protective cap
- > DIN EN 60900
- > IEC 60900

98 53 03

- > Solid, fixed hook blade
- > Suitable for round cables
- > Blade: special tool steel, oil-hardened

98 53 13

- > Narrow, fixed hook blade, sickle shaped
- > Suitable for sector cables
- > Blade: special tool steel, oil-hardened

98 55

- > Solid, fixed hook blade, sickle shaped
- > With guide shoe at the blade point
- > No damage of the conductor insulation
- > Blade: surgical steel, stainless, vacuum-hardened



98 53 03



98 53 13



98 55



Part No.	EAN 4003773-	↔ mm		Handle	Blade length mm	Radius mm	⚖ g
98 53 03	026549	170	⚡ 1000 V	insulated with multi-component grips, VDE-tested	28.0	7.0	64
98 53 13	026556	190	⚡ 1000 V	insulated with multi-component grips, VDE-tested	50.0	40.0	64
98 55	022558	180	⚡ 1000 V	insulated with multi-component grips, VDE-tested	38.0	23.5	77

Cable Knife

with replaceable blade

- > Straight blade with special sharpening; replaceable
- > With hinged blade guard, integrated in the handle, captive
- > Back of the blade plastic coated to avoid short circuits
- > Handles with anti-slip protection
- > Blade: surgical steel, stainless, vacuum-hardened
- > DIN EN 60900
- > IEC 60900



98 56

Part No.	EAN 4003773-	↔ mm		Blade length mm	⚖ g
98 56	026570	190	⚡ 1000 V	50.0	64
98 56 09	030829	Spare blade for 98 56			

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.

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
- > Glass fibre reinforced plastic
- > Handles with soft plastic zone for better grip
- > DIN EN 60900
- > IEC 60900



98 62 01



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

Plastic Snipe Nose Pliers

insulating

- > Fully insulating to reduce risk of short circuit
- > Class C; range of use up to -40°C
- > Glass fibre reinforced plastic
- > Handles with soft plastic zone for better grip
- > DIN EN 60900
- > IEC 60900



98 62 02



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

Insulating Clamps

plastic

- > For holding insulating mats in place
- > With integrated spring
- > Fully insulated to avoid short circuits
- > Glass fibre reinforced plastic
- > DIN VDE 0680-1



98 64 02

Part No.	EAN 4003773-	↔ mm		Clamping capacity bearing surface mm	⚖ g
98 64 02	021193	150	⚡ 1000 V	15.0	61

Plastic Slip-On Caps

conical

- > To cover bare live cable ends (max. Ø 10 mm)
- > Plastic
- > DIN VDE 0680-1



98 66 03

Conductor key 1–3

- > Assignment of single wires after disconnection from the machine

Part No.	EAN 4003773-	↔ mm		Conductor key	⚖ g
98 66 01	084150	80	⚡ 1000 V	1	10
98 66 02	084167	80		2	10
98 66 03	084174	80		3	10

Self-Clamping Slip-On Caps

conical

- > To cover bare live cable ends
- > Plastic
- > DIN VDE 0680-1



98 66 20



98 66 50



Part No.	EAN 4003773-	↔ mm		Inside dia. mm	⚖ g
98 66 10	084181	80	⚡ 1000 V	10.0	10
98 66 20	084198	100		20.0	35
98 66 30	084204	110		30.0	50
98 66 40	083498	135		40.0	75
98 66 45	083382	130		45.0	90
98 66 50	083504	135		50.0	95
98 66 60	084419	140		60.0	120

Insulating Gloves

- > For added protection when working live or close to live parts
- > Note expiry date: see label on product
- > DIN EN 60903
- > IEC 60903



98 65 40

Part No.	EAN 4003773-		Size	Class	 g
98 65 40	021285		9	0	281
98 65 41	021292		10	0	290
98 65 42	077862		11	0	290
98 65 43	077879		9	1	290
98 65 44	077886		10	1	290
98 65 46	077909		9	2	290
98 65 47	077916		10	2	290

Electrical Safety Cover

from rubber

- > For added protection when working live or close to live parts
- > Note expiry date: see label on product
- > DIN/EN IEC 61112



98 67 05

Part No.	EAN 4003773-		Dimensions mm	Thickness mm	 g
98 67 05	026600	 	500 x 500 x 1 mm	1.0	301
98 67 10	026617		1000 x 1000 x 1 mm	1.0	820

ELECTRONICS PLIERS AND PRECISION TWEEZERS

Super Knips

Electronic Super Knips / ESD	230
Electronic Super Knips XL / ESD	232

Electronics Pliers with adjustable bolted joint

Electronics Diagonal Cutters	233
Precision Electronics Diagonal Cutters	234
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Electronics Pliers with box joint

Electronics Diagonal Cutters	237
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Electronics End Cutting Nippers	240
Electronics Oblique Cutting Nipper	241
Electronics Gripping Pliers	244
Electronics Gripping Pliers ESD	245
Electronics Mounting Pliers	246

Electronics Pliers Sets

Tweezers

Tweezers Sets

- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
- 11
- 12
- 13**
- 14
- 15
- 16



Electronic Super Knips

- > Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- > Ground, very sharp cutting edges without bevel
- > Precisely shaped tips cut wires close to a surface from Ø 0.2 mm
- > Shear cut with controlled micro cutting edge misalignment for the most precise cutting of even the thinnest of wires and for a long service life
- > Joint with stainless steel rivet
- > Extremely smooth movement for minimum operator fatigue
- > With opening spring and opening limiter
- > Electrically discharging handles – dissipative
- > Cutting edge hardness approx. 54 HRC
- > Made of INOX tool steel
- > DIN ISO 9654

78 06 125

- > VDE-tested precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- > Complete your set of VDE-tools

78 03 125/ESD / 78 23 125

- > INOX tool steel; cutting edge hardness approx. 54 HRC

78 13 125 / ESD

- > INOX tool steel; cutting edge hardness approx. 54 HRC; with lead catcher – no uncontrolled loss of cut wire ends

78 31 125

- > Cutting edges additionally induction-hardened; cutting edge hardness approx. 60 HRC; with narrow head; special tool steel, burnished

78 41 125

- > With lead catcher – no uncontrolled loss of cut wire ends; with narrow head; cutting edges additionally induction-hardened; cutting edge hardness approx. 60 HRC; special tool steel, burnished

78 61 125 / ESD

- > Also suitable for cutting fibre optic cable; cutting edges additionally induction-hardened; cutting edge hardness approx. 64 HRC; special tool steel, oil hardened in multiple stages

78 71 125 / ESD

- > With lead catcher – no uncontrolled loss of cut wire ends; cutting edges additionally induction-hardened; cutting edge hardness approx. 64 HRC; special tool steel, burnished



78 03 125



78 03 125 ESD



78 06 125



78 13 125



78 23 125



78 31 125



78 41 125



78 61 125



78 71 125



78 81 125



78 91 125

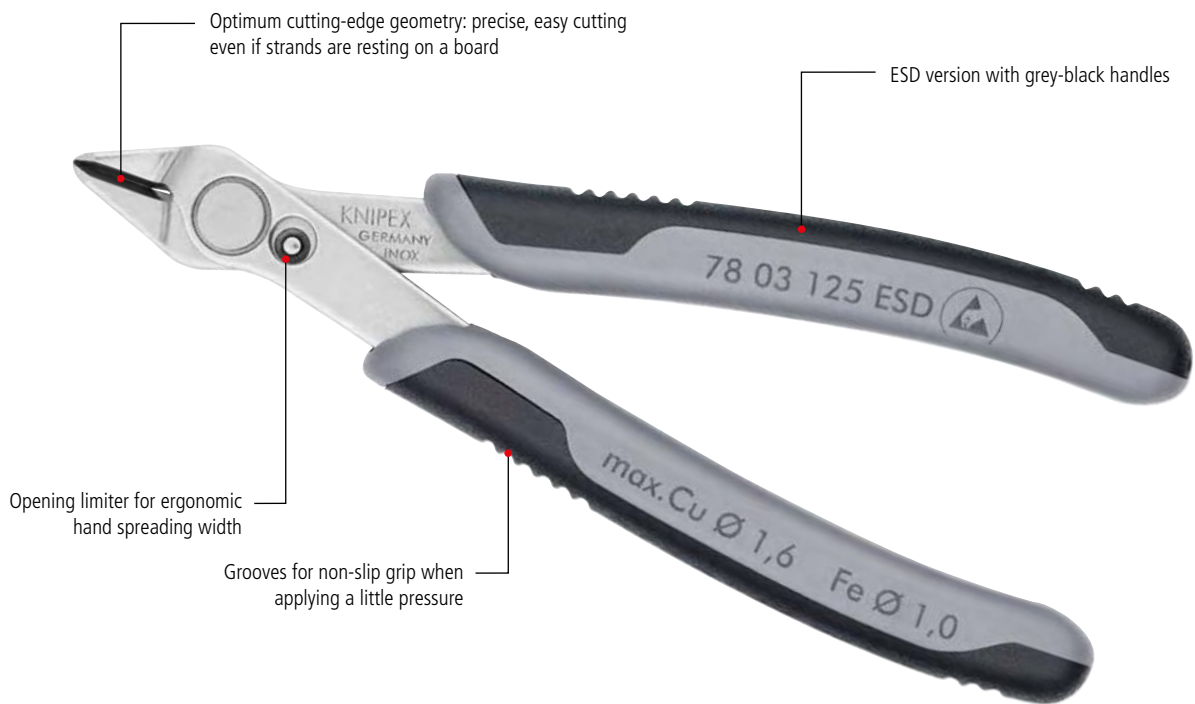
Models for hard wire

78 81 125

- > Precision-ground cutting edges with very small bevel suitable also for hard wire; cutting edges additionally induction-hardened; cutting edge hardness approx. 64 HRC; special tool steel, burnished

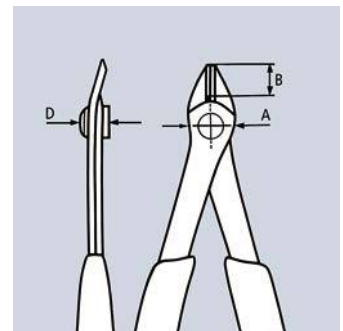
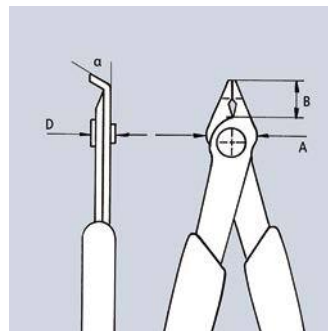
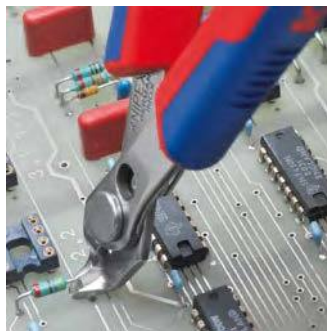
78 91 125

- > Precision-ground cutting edges with very small bevel suitable also for hard wire; with lead catcher - no uncontrolled loss of cut wire ends; cutting edges additionally induction-hardened; special tool steel, burnished



ESD pliers (electrostatic discharge)

Electrostatic energy is discharged through the handles in a gradual and controlled manner, which protects components endangered by electrostatic discharge. In accordance with applicable standards, e.g. IEC TR 61 340-5, DIN EN 61 340-5, SP Method 2472.



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities			Dimensions			g
							Ø mm	Ø mm	Ø mm	B mm	A mm	D mm	
78 03 125	035381	125			polished	with multi-component handles	0.2 – 1.6	1.0		9.0	13.5	7.5	56
78 03 125 ESD	025146	125			polished	with multi-component handles	0.2 – 1.6	1.0		9.0	13.5	7.5	55
78 06 125	084099	125			polished	insulated with multi-component grips, VDE-tested	0.2 – 1.6	1.0		9.0	13.5	7.5	60
78 13 125	035398	125			polished	with multi-component handles	0.2 – 1.6	1.0		9.0	13.5	7.5	57
78 13 125 ESD	025153	125			polished	with multi-component handles	0.2 – 1.6	1.0		9.0	13.5	7.5	57
78 23 125	043096	125			polished	with multi-component handles	0.2 – 1.6	0.6		5.5	13.5	7.5	55
78 31 125	039778	125		burnished	burnished	with multi-component handles	0.2 – 1.6			9.0	12.5	7.5	55
78 41 125	040767	125		burnished	burnished	with multi-component handles	0.2 – 1.6			9.0	12.5	7.5	57
78 61 125	035404	125		burnished	burnished	with multi-component handles	0.2 – 1.6	1.2		9.0	13.5	7.5	56
78 61 125 ESD	025184	125		burnished	burnished	with multi-component handles	0.2 – 1.6	1.2		9.0	13.5	7.5	56
78 71 125	043799	125		burnished	burnished	with multi-component handles	0.2 – 1.6	1.2		9.0	13.5	7.5	57
78 71 125 ESD	025191	125		burnished	burnished	with multi-component handles	0.2 – 1.6	1.2		9.0	13.5	7.5	57
78 81 125	065074	125		burnished	burnished	with multi-component handles	0.2 – 1.6	1.2	0.6	9.0	13.5	7.5	57
78 91 125	065081	125		burnished	burnished	with multi-component handles	0.2 – 1.6	1.2	0.6	9.0	13.5	7.5	57

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 misalignment for the most precise cutting of even the thinnest of wires and for a long service life
- > Precisely shaped tips cut wires close to a surface from Ø 0.2 mm
- > Joint with stainless steel rivet
- > Extremely smooth movement for minimum operator fatigue
- > With opening spring and opening limiter
- > DIN ISO 9654

78 61 140 / ESD

- > Cutting edges additionally induction-hardened; cutting edge hardness approx. 64 HRC; special tool steel, oil hardened in multiple stages

78 03 140 / ESD

- > INOX tool steel; cutting edge hardness approx. 54 HRC



78 03 140



78 61 140



78 03 140 ESD



78 61 140 ESD

ESD pliers (electrostatic discharge)

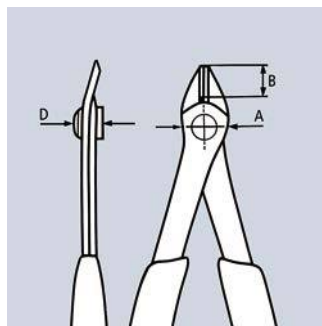
Electrostatic energy is discharged through the handles in a gradual and controlled manner, which protects components endangered by electrostatic discharge. In accordance with applicable standards, e.g. IEC TR 61 340-5, DIN EN 61 340-5, SP Method 2472.



For flush cutting, e.g. for shortening cable ties



Shear cut with controlled micro cutting edge misalignment for the most precise cutting of even the thinnest of wires and for a long service life



Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Dimensions			
							Ø mm	Ø mm	B mm	A mm	D mm	g
78 03 140	081647	140	↗ ↘		polished	with multi-component handles	0.2 – 2.1	1.2	12.3	15.7	9.2	85
78 03 140 ESD	081661	140	↗ ↘		polished	with multi-component handles	0.2 – 2.1	1.2	12.3	15.7	9.2	77
78 61 140	081685	140	↗ ↘		burnished	with multi-component handles	0.2 – 2.1	1.4	12.3	15.7	9.2	85
78 61 140 ESD	081708	140	↗ ↘		burnished	with multi-component handles	0.2 – 2.1	1.4	12.3	15.7	9.2	77

Electronics Diagonal Cutters

with bolted joint

- > For ultra fine cutting work, e.g. in electronics and fine mechanics
- > With sharp, ground cutting edges for soft and hard wire and piano wire
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 62 HRC
- > Low-friction double spring for smooth and even opening
- > High-grade special tool steel, forged, multi stage oil-hardened
- > DIN ISO 9654

75 02 125

- > With bevel

75 12 125

- > With bevel and lead catcher, no uncontrolled loss of cut wire ends

75 22 125

- > With small bevel



75 02 125



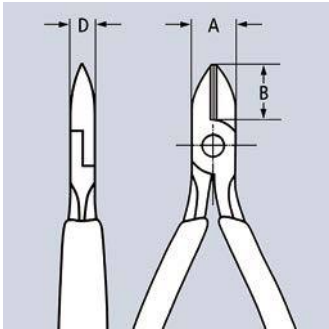
75 12 125



75 22 125



Bolted joint



Part No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities				Dimensions			
						Ø mm	Ø mm	Ø mm	Ø mm	A mm	B mm	D mm	g
75 02 125	043720	125	MM	burnished	with plastic handles	0.2 – 1.3	1.0	0.6	0.4	10.5	14.0	6.5	80
75 12 125	040514	125	MM	burnished	with plastic handles	0.2 – 1.3	1.0	0.6	0.4	10.5	14.0	6.5	80
75 22 125	040538	125	MM	burnished	with plastic handles	0.2 – 1.3	0.9	0.4	0.3	10.5	14.0	6.5	79

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
- > Bolted joint with carefully manufactured joint surfaces for even, low-friction movement throughout the entire opening range
- > Smooth-running double spring for a gentle and even opening
- > Ergonomically optimised multi-component handles
- > Ball bearing chrome steel, forged, multi stage oil-hardened
- > DIN ISO 9654

79 02 120 / 79 22 120

- > Mini-head

79 02 125 / 79 22 125

- > Round head

79 12 125

- > Specially for cutting through hard wire and piano wire

79 32 125 / 79 42 125

- > Pointed head

79 42 125 Z

- > For an optimised flush cutting result of soft materials



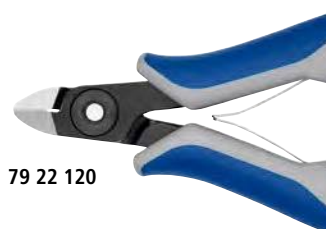
79 02 120



79 02 125



79 12 125



79 22 120



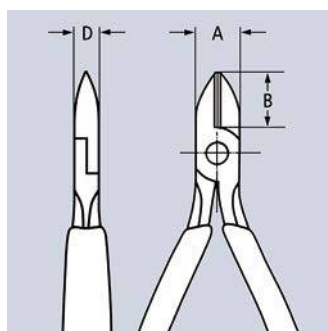
79 22 125



79 32 125



79 42 125 Z



All edges on the pliers head are specially rounded – to avoid unintentional damage to the insulations

The subtle difference

KNIPEX precision electronics pliers are made of high-quality ball bearing steel and processed with the highest degree of care. Each opening movement is gentle and even without backlash. Each work step proceeds reliably and precisely. This makes work much easier for professionals.

Part No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				Dimensions			g
							Ø mm	Ø mm	Ø mm	Ø mm	B mm	A mm	D mm	
79 02 120	061403	120		burnished	polished	with multi-component handles	0.2 – 1.4	1.0	0.6		6.5	9.0	6.5	57
79 02 125	061281	125		burnished	polished	with multi-component handles	0.2 – 1.7	1.3	0.7		10.0	11.0	6.5	59
79 02 125 S1	071808	125		burnished	polished	with multi-component handles	0.2 – 1.7	1.3	0.7		10.0	11.0	6.5	59
79 12 125	071365	125		burnished	polished	with multi-component handles	0.3 – 1.7	1.3	1.0	0.6	10.0	11.0	6.5	59
79 22 120	061427	120		burnished	polished	with multi-component handles	0.1 – 1.3	0.8			6.5	9.0	6.5	57
79 22 125	061342	125		burnished	polished	with multi-component handles	0.1 – 1.7	1.0			10.0	11.0	6.5	60
79 32 125	061366	125		burnished	polished	with multi-component handles	0.2 – 1.5	1.1	0.6		11.0	11.0	6.5	58
79 42 125	061380	125		burnished	polished	with multi-component handles	0.1 – 1.5	0.8			11.0	11.0	6.5	58
79 42 125 Z	078449	125		burnished	polished	with multi-component handles	0.1 – 1.3				11.0	11.0	6.5	58

Precision Electronics Diagonal Cutters ESD

with bolted joint

- > Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- > Electrically discharging handles – dissipative
- > 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
- > Precision cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Approx. 20% lighter than conventional electronics pliers
- > Bolted joint with carefully manufactured joint surfaces for even, low-friction movement throughout the entire opening range
- > Smooth-running double spring for a gentle and even opening
- > Ergonomically optimised multi-component handles
- > Ball bearing chrome steel, forged, multi stage oil-hardened
- > DIN ISO 9654
- > DIN EN 61 340-5

79 02 120 ESD / 79 22 120 ESD

- > Mini-head

79 02 125 ESD / 79 22 125 ESD

- > Round head

79 12 125 ESD

- > Specially for cutting through hard wire and piano wire

79 32 125 ESD / 79 42 125 ESD

- > Pointed head

79 42 125 Z ESD

- > For an optimised flush cutting result of soft materials



79 02 120 ESD



79 02 125 ESD



79 12 125 ESD



79 22 120 ESD



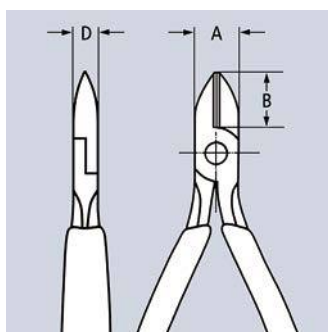
79 22 125 ESD



79 32 125 ESD



79 42 125 Z ESD



ESD pliers (electrostatic discharge)

Electrostatic energy is discharged through the handles in a gradual and controlled manner, which protects components endangered by electrostatic discharge. In accordance with applicable standards, e.g. IEC TR 61 340-5, DIN EN 61 340-5, SP Method 2472.

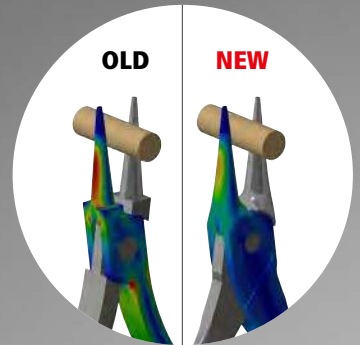


Part No.	EAN 4003773-	↔ mm			Pliers	Head	Handles	Cutting capacities				Dimensions			
								 Ø mm	 Ø mm	 Ø mm	 Ø mm	B mm	A mm	D mm	 g
79 02 120 ESD	061595	120			burnished	polished	with multi-component handles	0.2 – 1.4	1.0	0.6		6.5	9.0	6.5	57
79 02 125 ESD	061519	125			burnished	polished	with multi-component handles	0.2 – 1.7	1.3	0.7		10.0	11.0	6.5	61
79 12 125 ESD	071389	125			burnished	polished	with multi-component handles	0.3 – 1.7	1.3	1.0	0.6	10.0	11.0	6.5	61
79 22 120 ESD	061618	120			burnished	polished	with multi-component handles	0.1 – 1.3	0.8			6.5	9.0	6.5	57
79 22 125 ESD	061533	125			burnished	polished	with multi-component handles	0.1 – 1.7	1.0			10.0	11.0	6.5	61
79 32 125 ESD	061557	125			burnished	polished	with multi-component handles	0.2 – 1.5	1.1	0.6		11.0	11.0	6.5	61
79 42 125 ESD	061571	125			burnished	polished	with multi-component handles	0.1 – 1.5	0.8			11.0	11.0	6.5	58
79 42 125 Z ESD	078456	125			burnished	polished	with multi-component handles	0.1 – 1.3				11.0	11.0	6.5	58

Robust range: electronic pliers with a box joint

Durable, powerful and with a great deal of sensitivity: for gripping and cutting in all areas of electronics and fine mechanics.

- ▶ Robust, load-optimised construction made of ball bearing steel
- ▶ With box joint and zero backlash joint
- ▶ Less effort required due to high leverage
- ▶ Slim sleeves raised towards the pliers head for precision and comfortable gripping between thumb and index finger
- ▶ Low friction double spring for gentle and even opening
- ▶ Laser-hardened cutting edges
- ▶ Mirror polish instead of chrome plating: no circuit faults caused by peeling chrome from plated tools



Optimised design to reduce stress load on the pliers tips



Carefully rounded:
no sharp edges that could
damage the workpiece

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



Can be held like tweezers:
precise and comfortable
gripping

Electronics Diagonal Cutters

with box joint

- > Load-optimised for a more direct feel when working
- > Low-friction double spring for smooth and even opening
- > Cutters additionally laser hardened, cutter hardness at least 62 HRC
- > For fine cutting work, e.g. in electronics and fine mechanics
- > Sturdy, zero-backlash box joint
- > The polish or mirror polish together with a fine film of oil offer effective rust protection – no circuit faults caused by peeling chrome from plated tools
- > High, slim sleeves for fine and comfortable gripping between thumb and index finger
- > Ball bearing chrome steel, oil hardened
- > DIN ISO 9654

77 01 115 / 77 02 115 / 77 02 130

- > Round head, with small bevel

77 21 115 / 77 22 115 / 77 82 130

- > Round head, without bevel

77 11 115 / 77 12 115

- > Round head, with small bevel and lead catcher – no uncontrolled loss of cut wire ends

77 32 115 / 77 32 130

- > Pointed head, with small bevel

77 42 115 / 77 42 130

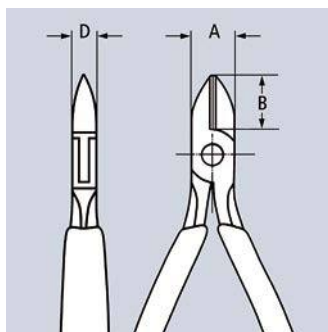
- > Pointed head, without bevel

77 52 115

- > Pointed, flat head, with small bevel

77 72 115

- > Pointed mini-head, with small bevel



PATENTED



77 01 115



77 02 130



77 02 115



77 11 115



77 12 115



77 22 115



77 32 115



77 42 115



77 52 115



77 82 130

Part No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities			Dimensions			
						Ø mm	Ø mm	Ø mm	B mm	A mm	D mm	Δ g
77 01 115	018568	115	MM	mirror polished	with non-slip plastic grips	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	50
77 02 115	039334	115	MM	mirror polished	with multi-component handles	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	70
77 02 130	039341	130	MM	mirror polished	with multi-component handles	0.3 – 2.0	1.5	0.8	16.2	13.0	8.5	81
77 11 115	018629	115	MM	mirror polished	with non-slip plastic grips	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	55
77 12 115	043768	115	MM	mirror polished	with multi-component handles	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	70
77 21 115 N	082309	115	MM	mirror polished	with non-slip plastic grips	1.3	1.0		13.0	11.0	7.0	50
77 22 115	043782	115	MM	mirror polished	with multi-component handles	0.3 – 1.3	1.0		14.0	11.0	7.0	70
77 32 115	044307	115	MM	mirror polished	with multi-component handles	0.3 – 1.3	1.0	0.5	14.0	11.0	7.5	65
77 32 130	089186	130	MM	mirror polished	with multi-component handles	0.3 – 2.0	1.3	0.6		13.0	8.5	80
77 42 115	039761	115	MM	mirror polished	with multi-component handles	0.3 – 1.3	0.8		14.0	11.0	7.5	70
77 42 130	018773	130	MM	mirror polished	with multi-component handles	0.3 – 1.6	1.3		16.2	13.0	8.5	81
77 52 115	040750	115	MM	mirror polished	with multi-component handles	0.3 – 1.0	0.8	0.5	14.0	11.0	7.5	65
77 72 115	040958	115	MM	mirror polished	with multi-component handles	0.3 – 0.8			10.5	11.0	6.0	65
77 82 130	089162	130	MM	mirror polished	with multi-component handles	0.3 – 1.6	1.3		16.2	13.0	8.5	81

Electronics Diagonal Cutters ESD

PATENTED

with box joint

- > For fine cutting work, e.g. in electronics and fine mechanics
- > Less physical effort due to very high transmission ratio
- > Load-optimised for a more direct feel when working
- > Low-friction double spring for smooth and even opening
- > The mirror polish in combination with a fine oil film provides rust protection – no circuit faults caused by peeling chrome from plated tools
- > Cutters additionally laser hardened, cutter hardness at least 62 HRC
- > Ball bearing chrome steel, oil hardened
- > DIN ISO 9654
- > DIN EN 61 340-5

77 02 115 ESD / 77 02 130 ESD

- > Round head, with small bevel

77 12 115 ESD

- > Round head, with small bevel and lead catcher – no uncontrolled loss of cut wire ends

77 22 115 ESD / 77 82 130 ESD

- > Round head, without bevel

77 32 115 ESD / 77 32 130 ESD

- > Pointed head, with small bevel

77 42 115 ESD / 77 42 130 ESD

- > Pointed head, without bevel

77 52 115 ESD

- > Pointed, flat head, with small bevel

77 72 115 ESD

- > Pointed mini-head, with small bevel



77 02 115 ESD



77 02 130 ESD



77 12 115 ESD



77 22 115 ESD



77 32 115 ESD



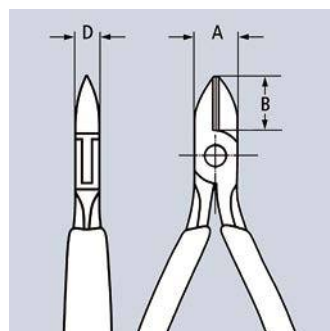
77 42 115 ESD



77 52 115 ESD



77 82 130 ESD



ESD pliers (electrostatic discharge)

Electrostatic energy is discharged through the handles in a gradual and controlled manner, which protects components endangered by electrostatic discharge. In accordance with applicable standards, e.g. IEC TR 61 340-5, DIN EN 61 340-5, SP Method 2472.



Part No.	EAN 4003773-	mm		Head	Handles	Cutting capacities			Dimensions			g
						Ø mm	Ø mm	Ø mm	B mm	A mm	D mm	
77 02 115 ESD	025092	115	MM	mirror polished	with multi-component handles	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	69
77 02 130 ESD	089209	130	MM	mirror polished	with multi-component handles	0.3 – 2.0	1.5	0.8	16.2	13.0	8.5	81
77 12 115 ESD	025108	115	MM	mirror polished	with multi-component handles	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	70
77 22 115 ESD	025115	115	MM	mirror polished	with multi-component handles	0.3 – 1.3	1.0		14.0	11.0	7.5	70
77 32 115 ESD	025122	115	MM	mirror polished	with multi-component handles	0.3 – 1.3	1.0	0.5	14.0	11.0	7.0	67
77 32 130 ESD	089193	130	MM	mirror polished	with multi-component handles	0.3 – 2.0	1.3	0.6	16.2	13.0	8.5	80
77 42 115 ESD	031901	115	MM	mirror polished	with multi-component handles	0.3 – 1.3	0.8		14.0	11.0	7.0	70
77 42 130 ESD	089216	130	MM	mirror polished	with multi-component handles	0.3 – 1.6	1.3		16.2	13.0	8.5	80
77 52 115 ESD	025139	115	MM	mirror polished	with multi-component handles	0.3 – 1.0	0.8	0.5	14.0	11.0	7.0	70
77 72 115 ESD	024330	115	MM	mirror polished	with multi-component handles	0.3 – 0.8			10.5	11.0	6.0	65
77 82 130 ESD	089179	130	MM	mirror polished	with multi-component handles	0.3 – 1.6	1.3		16.2	13.0	8.5	81

Electronics Diagonal Cutter

with inset carbide cutting edge

- > For extreme demands on cutting pliers caused by hard or tough materials, e.g. piano, nickel, tungsten and diode wire, such as those used more frequently in the electronics and aerospace industries
- > Always the right cutting tool, even with the hardest material
- > Precision carbide metal cutting edges soldered into forged blanks
- > Sturdy, zero-backlash box joint
- > Hardness of the carbide cutting edges 80–83 HRC
- > Pliers with carbide metal cutting edges have a substantially longer service life than such with conventional cutting edges
- > Constantly reliable cutting results due to the avoidance of cutter deformations caused by overloading
- > High cost saving due to longer service life of the pliers
- > Electrically discharging handles – dissipative
- > DIN ISO 9654

77 02 120 H / ESD

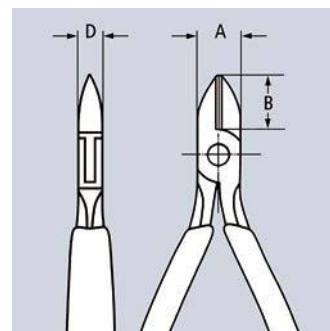
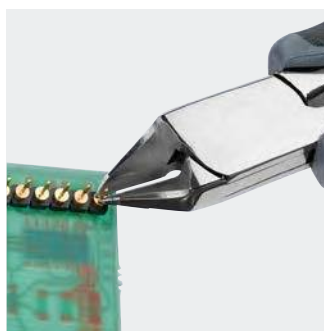
- > Round head, with bevel

77 32 120 H / ESD

- > Pointed head with chamfer; with small bevel



PATENTED



Part No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities				Dimensions			
						Ø mm	Ø mm	Ø mm	Ø mm	B mm	A mm	D mm	g
77 02 120 H	075783	120	MM	mirror polished	with multi-component handles	2.0	1.4	1.0	0.6	14.0	11.0	7.5	85
77 02 120 H ESD	075813	120	MM	mirror polished	with multi-component handles	2.0	1.4	1.0	0.6	14.0	11.0	7.5	85
77 32 120 H	075790	120	MM	mirror polished	with multi-component handles	1.6	1.0	0.6	0.2	14.0	11.0	7.5	80
77 32 120 H ESD	075820	120	MM	mirror polished	with multi-component handles	1.6	1.0	0.6	0.2	14.0	11.0	7.0	80

Electronics End Cutting Nippers

with box joint

- > Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- > Sturdy, zero backlash box joint
- > Low-friction double spring for smooth and even opening
- > The polish or mirror polish together with a fine film of oil offer effective rust protection – no circuit faults caused by peeling chrome from plated tools
- > Cutting edges additionally laser-hardened, cutting edge hardness approx. 56 HRC
- > Ball bearing chrome steel, oil hardened
- > DIN ISO 9654

64 01 115 / 64 02 115 / 64 02 115 ESD

- > End Cutter, with small bevel

64 11 115 / 64 12 115 / 64 12 115 ESD

- > End Cutter, without bevel

64 32 120 / 64 32 120 ESD

- > Oblique End Cutter, short head, with small bevel, $\alpha = 15^\circ$

64 42 115

- > Oblique End Cutter, short head, with small bevel, $\alpha = 27^\circ$

64 52 115

- > Oblique End Cutter, short head, without bevel, for flush cutting, $\alpha = 27^\circ$

64 62 120 / 64 52 120 ESD

- > Oblique End Cutter, short head, with small bevel, $\alpha = 65^\circ$

64 72 120

- > Oblique End Cutter, mini-blade with small bevel, head with recess, $\alpha = 35^\circ$

64 22 115 / 64 22 115 ESD

- > End Cutter, mini-blade with small bevel



64 01 115



64 02 115 ESD



64 11 115



64 12 115



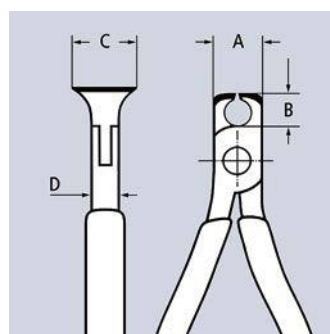
64 22 115



64 32 120



64 11 115



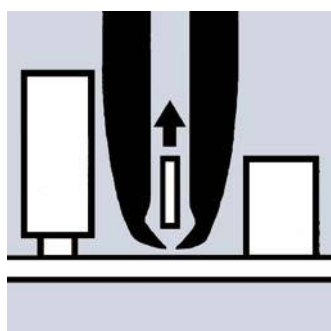
64 01/02/11/12



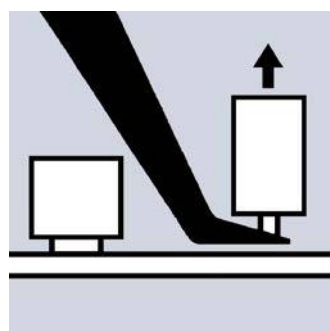
64 42 115



64 52 115



64 22 115



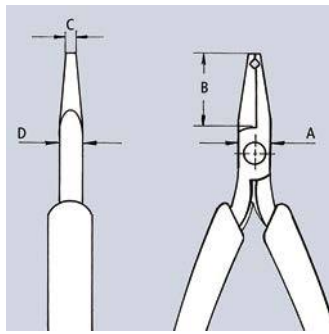
64 62 120



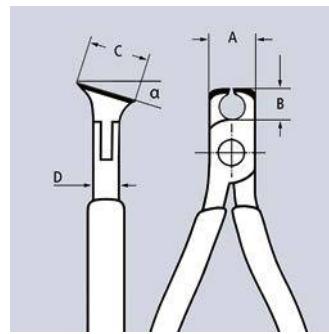
64 62 120



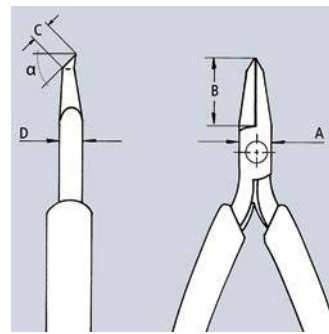
64 72 120



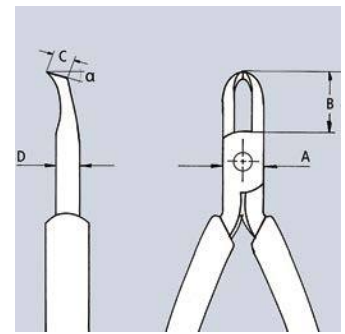
64 22 115



64 32/42/52



64 62 120



64 72 120

Part No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities			Dimensions				
						Ø mm	Ø mm	Ø mm	A mm	B mm	D mm	C mm	Δ g
64 01 115	017745	115		mirror polished	with non-slip plastic grips	2.0	1.0	0.6	11.0	6.0	7.5	16.0	55
64 02 115	035343	115		mirror polished	with multi-component handles	2.0	1.0	0.6	11.0	6.0	7.5	16.0	70
64 02 115 ESD	082231	115		mirror polished	with multi-component handles	2.0	1.0	0.6	11.0	6.0	7.5	16.0	70
64 11 115	017769	115		mirror polished	with non-slip plastic grips	1.4	0.8		11.0	12.0	7.0	16.0	50
64 12 115	040743	115		mirror polished	with multi-component handles	1.4	0.8		11.0	12.0	7.0	16.0	70
64 12 115 ESD	024323	115		mirror polished	with multi-component handles	1.4	0.8		11.0	12.0	7.0	16.0	70
64 22 115	017806	115		mirror polished	with multi-component handles	0.8			11.0	20.0	6.0	3.0	70
64 22 115 ESD	025061	115		mirror polished	with multi-component handles	0.8			11.0	20.0	6.0	3.0	70
64 32 120	017820	120		mirror polished	with multi-component handles	1.5	1.0	0.5	11.0	10.0	7.0	17.0	70
64 32 120 ESD	025078	120		mirror polished	with multi-component handles	1.5	1.0	0.5	11.0	10.0	7.0	17.0	70
64 42 115	017844	115		mirror polished	with multi-component handles	1.5	1.0	0.5	11.0	10.0	7.0	12.0	70
64 52 115	040439	115		mirror polished	with multi-component handles	1.3			11.0	10.0	7.0	12.0	70
64 62 120	046998	120		mirror polished	with multi-component handles	0.6			11.0	20.0	7.0	7.0	70
64 62 120 ESD	025085	120		mirror polished	with multi-component handles	0.6			11.0	20.0	7.0	7.0	70
64 72 120	017882	120		mirror polished	with multi-component handles	1.5			11.0	20.0	7.0	6.0	70

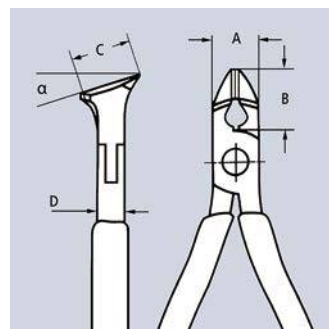
Electronics Oblique Cutting Nipper

with box joint

- > With cutting edges for soft and medium hard wire
- > Without bevel, for flush cutting
- > Low-friction double spring for smooth and even opening
- > Sturdy, zero backlash box joint
- > The polish together with a fine film of oil offer effective rust protection – no circuit faults caused by peeling chrome from plated tools
- > Cutting edges additionally laser-hardened, cutting edge hardness approx. 56 HRC
- > Ball bearing chrome steel, oil hardened
- > DIN ISO 9654



62 12 120



Part No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities			Dimensions				
						Ø mm	Ø mm	Ø mm	A mm	B mm	C mm	D mm	Δ g
62 12 120	048008	120		polished	with multi-component handles	0.3 – 1.0	0.7		11.0	10.0	17.0	7.5	70

Precision Electronics Gripping Pliers

with bolted joint

- > Precision pliers for fine assembly work, e. g. in electronics and fine mechanics
- > For gripping, holding and bending
- > Bolted joint: precise, zero backlash operation of pliers
- > Precisely finished joint surfaces for smooth, low friction movement along the complete opening range
- > Low-friction double spring for smooth and even opening
- > Edges carefully deburred
- > Non-reflective finish
- > Approx. 20% lighter than conventional electronics pliers
- > Smooth-running double spring for a gentle and even opening
- > Ball bearing chrome steel, forged, multi stage oil-hardened
- > DIN ISO 9655

34 12 130

- > Flat, wide jaws, smooth ground gripping surfaces

34 22 130

- > Half-round jaws, smooth ground gripping surfaces

34 32 130

- > Round, pointed jaws , smooth ground gripping surfaces

34 42 130

- > Flat, wide jaws; with precision laser cut cross-shaping

34 52 130

- > Half-round jaws; with precision laser cut cross-shaping



34 12 130



34 22 130



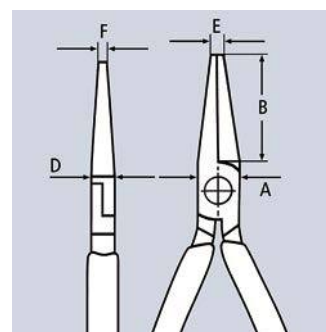
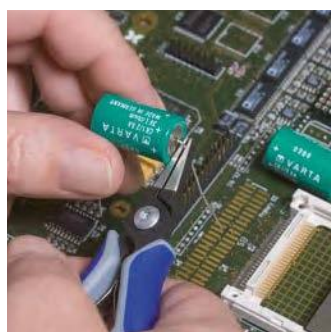
34 32 130



34 42 130



34 52 130



Cross-shaping: precision laser cut for a secure grip in ultra fine mounting work

Part No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions					Δ g
						B mm	A mm	D mm	E mm	F mm	
34 12 130	061458	130		polished	with multi-component handles	21.9	11.2	6.5	1.4	3.5	61
34 22 130	061472	130		polished	with multi-component handles	22.7	11.2	6.5	1.6	1.6	61
34 32 130	061496	130		polished	with multi-component handles	23.7	11.2	6.5	2.0	1.0	59
34 42 130	080282	130		polished	with multi-component handles	21.9	11.2	6.5	1.4	3.5	61
34 52 130	080312	130		polished	with multi-component handles	22.7	11.2	6.5	1.6	1.6	61

Precision Electronics Gripping Pliers ESD

with bolted joint

- > The assortment for highest standard of performance and results
- > Precision pliers for fine assembly work, e. g. in electronics and fine mechanics
- > For gripping, holding and bending
- > Electrically discharging handles – dissipative
- > Bolted joint: precise, zero backlash operation of pliers
- > Precisely finished joint surfaces for smooth, low friction movement along the complete opening range
- > Low-friction double spring for smooth and even opening
- > Smooth ground gripping surfaces, edges carefully deburred
- > Non-reflective finish
- > Low weight
- > Ergonomically shaped, two-colour dual component ESD handles, black/grey
- > With precision laser cut cross-shaping
- > Ball bearing chrome steel, forged, multi stage oil-hardened
- > DIN ISO 9655
- > DIN EN 61 340-5

34 52 130 ESD

- > Half-round jaws; with precision laser cut cross-shaping

34 42 130 ESD

- > Flat, wide jaws; with precision laser cut cross-shaping

34 32 130 ESD

- > Round, pointed jaws, smooth ground gripping surfaces

34 22 130 ESD

- > Half-round jaws, smooth ground gripping surfaces

34 12 130 ESD

- > Flat, wide jaws, smooth ground gripping surfaces



34 12 130 ESD



34 22 130 ESD



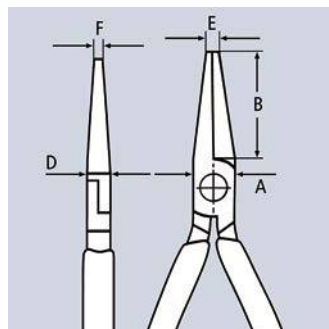
34 32 130 ESD



34 42 130 ESD



34 52 130 ESD



ESD pliers (electrostatic discharge)

Electrostatic energy is discharged through the handles in a gradual and controlled manner, which protects components endangered by electrostatic discharge. In accordance with applicable standards, e.g. IEC TR 61 340-5, DIN EN 61 340-5, SP Method 2472.



Part No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions					⚖ g
						B mm	A mm	D mm	E mm	F mm	
34 12 130 ESD	061632	130		polished	with multi-component handles	21.9	11.2	6.5	1.4	3.5	62
34 22 130 ESD	061656	130		polished	with multi-component handles	22.7	11.2	6.5	1.6	1.6	65
34 32 130 ESD	061670	130		polished	with multi-component handles	23.7	11.2	6.5	2.0	1.0	62
34 42 130 ESD	080299	130		polished	with multi-component handles	21.9	11.2	6.5	1.4	3.5	61
34 52 130 ESD	080305	130		polished	with multi-component handles	22.7	11.2	6.5	1.6	1.6	61

Electronics Gripping Pliers

with box joint

- > Durable, load-optimised design with backlash-free box joint
- > Head carefully rounded: no sharp edges that could damage the material
- > High, slim sleeves for fine and comfortable gripping between thumb and index finger
- > Uniform bending behavior for a more direct sense of work
- > Smoothly ground gripping surfaces for damage-free gripping
- > Low-friction double spring for smooth and even opening
- > The mirror polish in combination with a fine oil film provides rust protection – no circuit faults caused by peeling chrome from plated tools
- > Ball bearing chrome steel, oil hardened
- > DIN ISO 9655

145 mm Length

- > For deep gripping

PATENTED



35 11 115



35 12 115



35 21 115



35 22 115



35 31 115



35 32 115



35 41 115



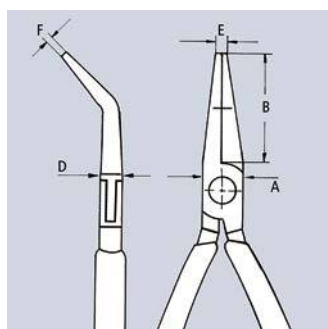
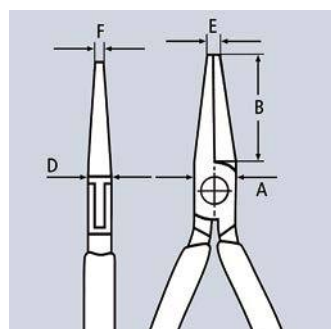
35 52 145



35 62 145



35 82 145



Part No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions					⚖ g
						B mm	A mm	D mm	E mm	F mm	
35 11 115	016694	115		mirror polished	with non-slip plastic grips	22.5	11.0	6.5	2.0	4.0	55
35 12 115	035107	115		mirror polished	with multi-component handles	22.5	11.0	6.5	2.0	4.0	70
35 21 115	016724	115		mirror polished	with non-slip plastic grips	22.5	11.0	6.5	2.0	1.5	55
35 22 115	035114	115		mirror polished	with multi-component handles	22.5	11.0	6.5	2.0	1.5	70
35 31 115	016762	115		mirror polished	with non-slip plastic grips	22.5	11.0	6.5	2.0	1.0	61
35 32 115	035121	115		mirror polished	with multi-component handles	22.5	11.0	6.5	2.0	1.0	70
35 41 115	082248	115		mirror polished	with dipped insulation	22.5	11.0	6.5	2.0	1.0	55
35 42 115	040736	115		mirror polished	with multi-component handles	22.5	11.0	6.5	2.0	1.5	70
35 52 145	039389	145		mirror polished	with multi-component handles	34.1	13.0	8.5	2.5	1.8	86
35 62 145	039556	145		mirror polished	with multi-component handles	34.1	13.0	8.5	2.5	1.8	87
35 82 145	039396	145		mirror polished	with multi-component handles	31.1	13.0	8.5	2.5	1.8	86

Electronics Gripping Pliers ESD

with box joint

- > Robust, load-optimized construction with through-pinned and backlash-free precision joint
- > Head carefully rounded: no sharp edges that could damage the material
- > Electrically discharging handles – dissipative
- > High, slim sleeves for fine and comfortable gripping between thumb and index finger
- > Uniform bending behavior for a more direct sense of work
- > Smoothly ground gripping surfaces for damage-free gripping
- > Low-friction double spring for smooth and even opening
- > The mirror polish in combination with a fine oil film provides rust protection – no circuit faults caused by peeling chrome from plated tools
- > Ball bearing chrome steel, oil hardened
- > DIN ISO 9655
- > DIN EN 61 340-5

PATENTED



35 12 115 ESD



35 22 115 ESD



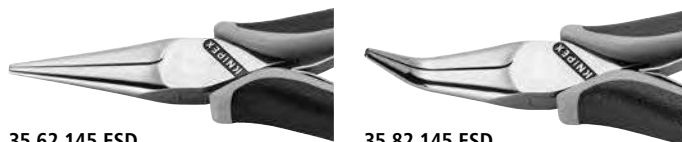
35 32 115 ESD



35 42 115 ESD



35 52 145 ESD

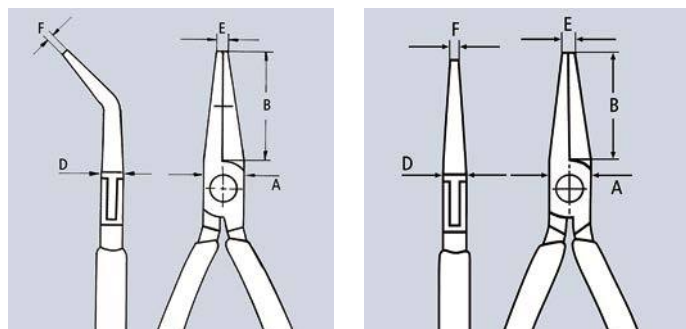


35 62 145 ESD

35 82 145 ESD

ESD pliers (electrostatic discharge)

Electrostatic energy is discharged through the handles in a gradual and controlled manner, which protects components endangered by electrostatic discharge. In accordance with applicable standards, e.g. IEC TR 61 340-5, DIN EN 61 340-5, SP Method 2472.



Part No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions					△ g
						B mm	A mm	D mm	E mm	F mm	
35 12 115 ESD	024835	115	□ □ □ □ □	mirror polished	with multi-component handles	22.5	11.0	6.5	2.0	4.0	70
35 22 115 ESD	024842	115	□ □ □ □ □	mirror polished	with multi-component handles	22.5	11.0	7.0	2.0	1.3	70
35 32 115 ESD	024859	115	□ □ □ □ □	mirror polished	with multi-component handles	22.5	11.0	6.5	2.0	1.0	70
35 42 115 ESD	024866	115	□ □ □ □ □	mirror polished	with multi-component handles	22.5	11.0	6.5	2.0	1.5	70
35 52 145 ESD	089223	145	□ □ □ □ □	mirror polished	with multi-component handles	34.1	13.0	8.5	2.5	1.8	86
35 62 145 ESD	089230	145	□ □ □ □ □	mirror polished	with multi-component handles	34.1	13.0	8.5	2.5	1.8	86
35 82 145 ESD	089414	145	□ □ □ □ □	mirror polished	with multi-component handles	31.1	13.0	8.5	2.5	1.8	86

Electronics Mounting Pliers

- > High, slim sleeves for fine and comfortable gripping between thumb and index finger
- > Uniform bending behavior for a more direct sense of work
- > Smooth ground gripping surfaces, edges carefully deburred
- > Low-friction double spring for smooth and even opening
- > The mirror polish in combination with a fine oil film provides rust protection – no circuit faults caused by peeling chrome from plated tools
- > Ball bearing chrome steel, oil hardened

PATENTED



36 12 130

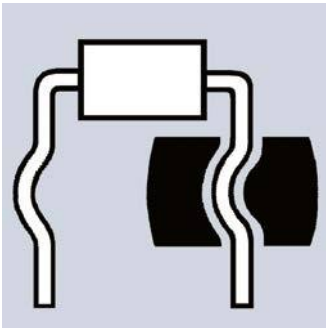


36 22 125



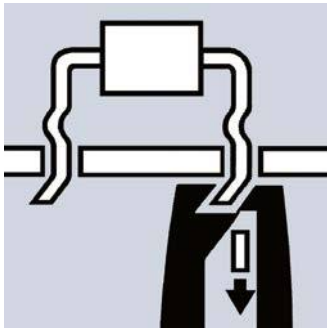
36 32 125

36 12 130



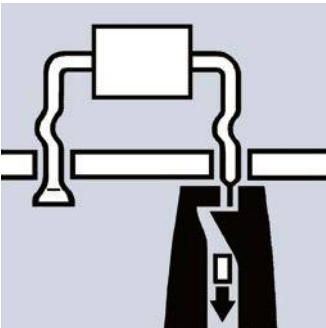
To bend wire as stress relief / for distance below the board

36 22 125

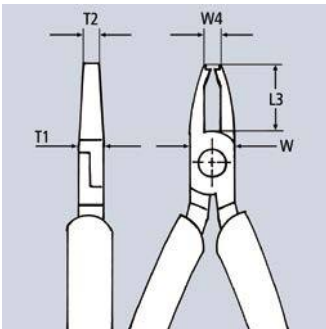
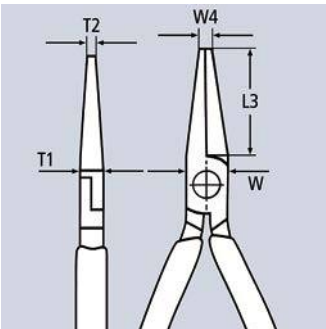


To bend and cut wire at 1.6 mm length below the board

36 32 125



To crunch and cut wire at 1.6 mm length below the board



Part No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities	Dimensions					△ g
						Ø mm	L3 mm	W mm	T1 mm	W1 mm	T2 mm	
36 12 130	016861	130	MM	mirror polished	with multi-component handles		23.0	12.0	9.5	5.5	6.0	70
36 22 125	046967	125	MM	mirror polished	with multi-component handles	1.2	18.0	11.0	7.0	7.5	4.0	94
36 32 125	016885	125	MM	mirror polished	with multi-component handles	1.0	18.0	11.0	7.0	7.5	3.0	70

Electronics Pliers Sets

> Dimensions, closed (W x H x D): 215 x 160 x 50 mm

00 20 16

> 7 parts, contains 6 electronics pliers and one pair of precision tweezers; case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered

00 20 16 P

> 6 parts, contains 6 precision electronics pliers; case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered

00 20 16 P ESD

> 6 parts, contains 6 ESD precision electronics pliers, electrically discharging version; case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered

00 20 17

> 6 parts, contains 6 ESD precision electronics pliers, electrically discharging version; case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered

00 20 18

> 8 parts, contains 2 electronics pliers and 6 electronics screwdrivers; practical storage box, shock-resistant plastic, with foam insert

00 20 18 ESD

> 8 parts, contains 2 electronics pliers and 6 ESD electronics screwdrivers, electrically discharging version

> Practical storage box, shock-resistant plastic, with foam insert



00 20 16



00 20 16 P



00 20 16 P ESD



00 20 17



00 20 18



00 20 18 ESD

Artikel-Nr.	EAN 4003773-	Contents	g
00 20 16	022619	35 12 115 / 35 22 115 / 35 32 115 / 64 32 120 / 77 02 115 / 77 42 115 / 92 34 36	720
00 20 16 P	063223	34 12 130 / 34 22 130 / 34 32 130 / 79 02 120 / 79 02 120 / 79 02 125 / 79 42 125	575
00 20 16 P ESD	063230	34 12 130 ESD / 34 22 130 ESD / 34 32 130 ESD / 79 02 120 ESD / 79 02 125 ESD / 79 42 125 ESD	585
00 20 17	031222	35 12 115 ESD / 35 22 115 ESD / 35 42 115 ESD / 64 32 120 ESD / 77 02 115 ESD / 77 32 115 ESD	695
00 20 18	033073	35 22 115 / 77 02 115 / Screwdriver 0.4 x 2.5 / 0.5 x 3.0 / 0.6 x 3.5 / 0.8 x 4.0 / PH0 / PH1	460
00 20 18 ESD	051848	35 22 115 ESD / 77 02 115 ESD / Screwdriver 0.4 x 2.5 / 0.5 x 3.0 / 0.6 x 3.5 / 0.8 x 4.0 / PH0 / PH1	465

KNIPEX Precision Tweezers – the perfect specialists for all precision work

Precision Tweezers can be used in all areas where the targeted gripping of smaller parts is key.

- ▶ Numerous tip types, also for specialised precision work
- ▶ Variants with coated handles for electrical insulation up to 1000 volts or controlled equalisation of electrostatic differences in electrical potential (ESD)
- ▶ Wide choice of materials: depending on requirements, stainless steel, spring steel or plastic; rust-resistant, anti-magnetic or particularly resistant made of titanium

Cross Jaw Tweezers hold automatically by spring force

Universal Tweezers are all-rounders for all demanding standard applications

Tweezers with interchangeable tips reduce costs, equalise potential and grip sensitive components particularly gently

The insulated handles of our Universal Tweezers protect against voltages of up to 1000 volts

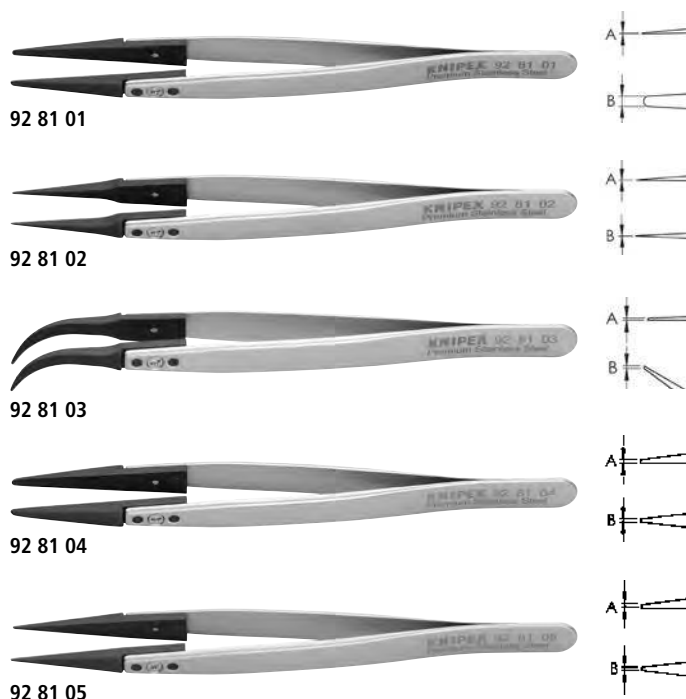
SMD Precision Tweezers ESD allow to compensate the differences in electrical potential between the operator and electronic components in a controlled manner



Tweezers with exchangeable tips ESD

with versatile, exchangeable carbon fibre reinforced tips; electrically dissipative

- > For particularly demanding precision work: tough and highly resistant to corrosion
- > Maximum surface protection when handling sensitive electronic components, micro-mechanical parts, as well as glass and ceramic components
- > For the electronics and precision engineering industries, watchmakers and jewellers
- > Handcrafted body: polished edges and an excellent matt, scratch-free and non-reflective surface
- > High-quality premium stainless steel body: high temperature resistance and excellent corrosion resistance to most chemicals, salts and acids
- > The interchangeable tips are made from 30% carbon fibre reinforced plastic: very good electrical and thermal conductivity, scratch-proof and with high abrasion resistance
- > The interchangeable, carbon fibre reinforced plastic tips have a surface resistance between 10^2 and 10^4 ohms to compensate in a controlled manner the differences in potential between the operator and electronic components
- > The interchangeable tips are permanently temperature stable up to 130 °C, and up to 190 °C for short periods
- > The carbon fibre reinforced plastic tips are extremely flexible, fatigue-resistant, vibration-dampening and water-repellent
- > The tips have good chemical resistance to most oils, lubricants, fuels and nonpolar solvents
- > The same accuracy and stability as regular tweezers: the plastic tips have a 3-point connection with zero backlash (2 fixed points on the arms, one screw), which guarantee the user perfect attachment to the body with zero backlash
- > Potential savings: the tip assortment includes a selection of the most diverse shapes. Depending on the application, only the tips need to be purchased later
- > Premium stainless steel
- > DIN EN 61340 -5-1



Exchangeable ESD tips



Part No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	g
92 81 01	2ACFR.SA.1.KN	087090	130 x 10 x 17		smooth	straight	blunt	0.4 x 2.0	17
92 81 02	5CFR.SA.1.KN	087113	130 x 10 x 17		smooth	straight	pointed	0.4 x 0.6	17
92 81 03	7CFR.SA.1.KN	087137	130 x 15 x 17	$\angle 60^\circ$	smooth	angled 60°	pointed	0.4 x 0.7	17
92 81 04	249CFR.SA.1.KN	087151	130 x 10 x 17		smooth	straight	blunt	1.0 x 2.0	17
92 81 05	259CFR.SA.1.KN	087175	130 x 10 x 17		smooth	straight	pointed	0.7 x 0.6	17
92 89 01		087106	Exchangeable ESD tips for 92 81 01						
92 89 02		087120	Exchangeable ESD tips for 92 81 02						
92 89 03		087144	Exchangeable ESD tips for 92 81 03						
92 89 04		087168	Exchangeable ESD tips for 92 81 04						
92 89 05		087182	Exchangeable ESD tips for 92 81 05						

Universal Tweezers

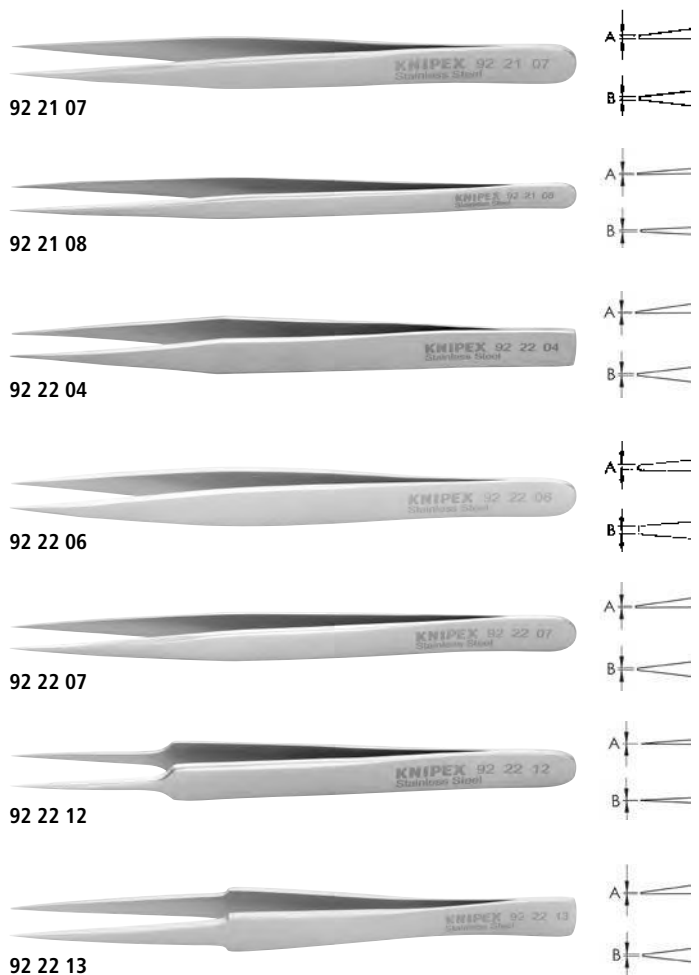
- > Universal Tweezers are suitable for demanding standard applications and precision tasks
- > Wide range of designs: straight, angled, gripping surfaces and handles smooth or serrated, with needle points, narrow or blunt tips, as well as different lengths
- > For the electronics industry, watchmakers and jewellers
- > High-quality stainless steel: extremely tough and very good corrosion resistance against a variety of atmospheric environments and many corrosive materials

92 01 05 / 92 01 06

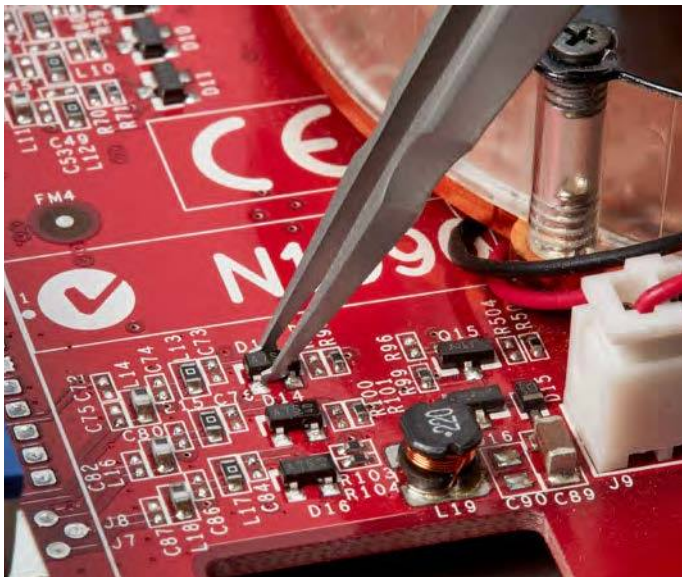
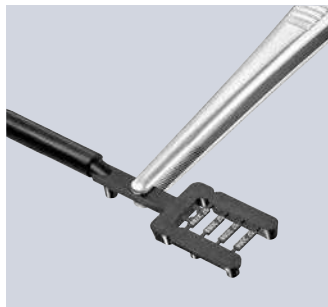
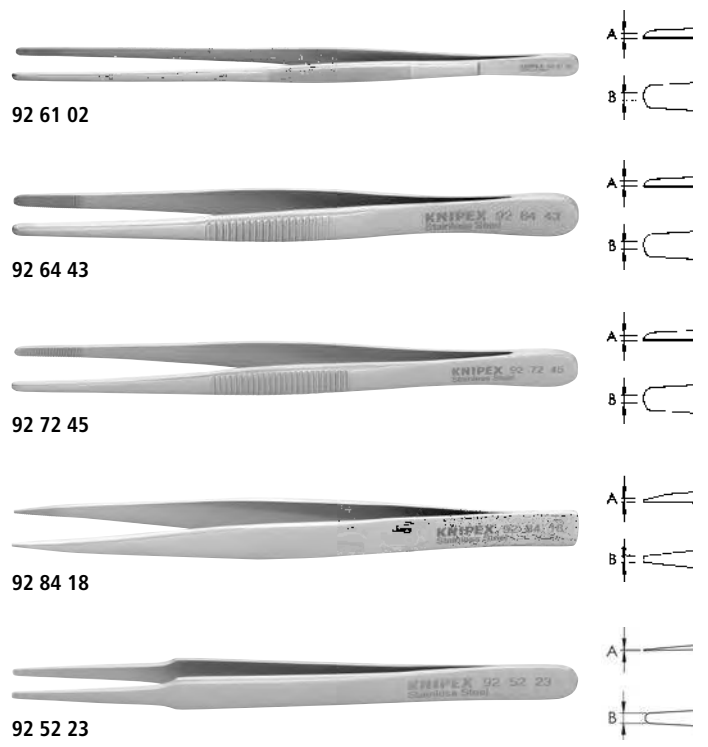
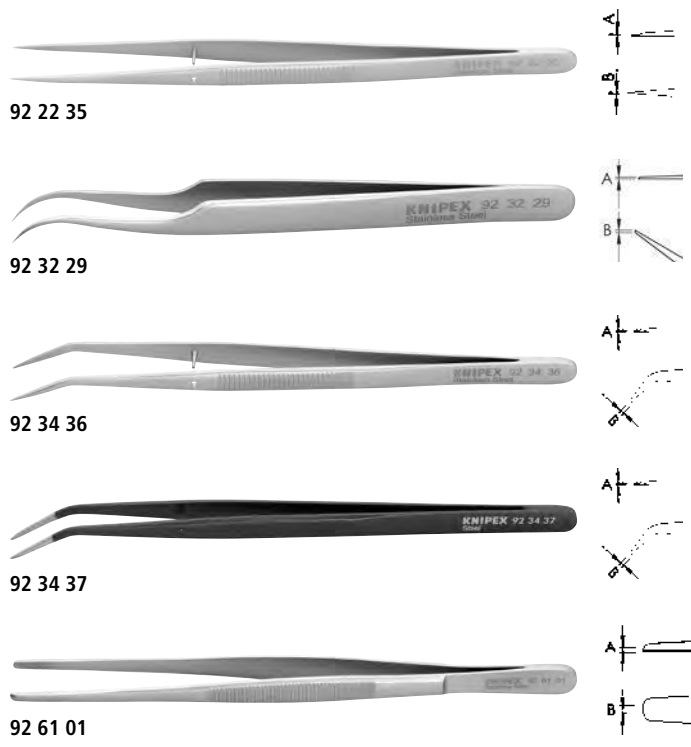
- > Premium stainless steel

92 34 37

- > Steel, black lacquered



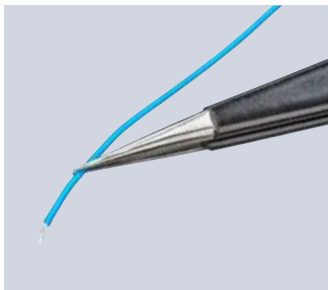
Part No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	g
92 21 07	3C.SA.B.KN	086734	110 x 10 x 10		smooth	straight	needle-point	0.2 x 0.25	13
92 21 08	SS.SA.B.KN	086741	140 x 8 x 12		smooth	straight	needle-point	0.2 x 0.3	15
92 22 04	AA.SA.B.KN	054665	128 x 12 x 10		smooth	straight	pointed	0.3 x 0.5	18
92 22 06	00.SA.B.KN	054672	120 x 10 x 11		smooth	straight	needle-point	0.25 x 0.25	20
92 22 07	3.SA.B.KN	054689	125 x 11 x 10		smooth	straight	needle-point	0.2 x 0.25	15
92 22 12	5.SA.B.KN	054696	110 x 10 x 11		smooth	straight	needle-point	0.2 x 0.2	13
92 22 13	GG.SA.B.KN	054702	130 x 11 x 14		smooth	straight	pointed	0.4 x 0.5	18
92 22 35	648.SA.B.KN	054719	155 x 8 x 18		serrated	straight	pointed	0.5 x 0.5	22
92 32 29	7.SA.B.KN	054818	118 x 10 x 10		smooth	angled 35°	needle-point	0.25 x 0.3	15
92 34 36	649.SA.B.KN	054832	152 x 8 x 18		serrated	angled 25°	pointed	0.5 x 0.5	27
92 34 37	649.SA.NE.B	054849	155 x 8 x 14		serrated	angled 25°	pointed	0.8 x 0.8	21
92 52 23	2A.SA.B.KN	054894	118 x 10 x 10		smooth	straight	blunt	0.3 x 2.0	16
92 61 01	7320.SA.B.KN	085119	200 x 12 x 20		serrated	straight	blunt	2.0 x 3.2	58
92 61 02	7330.SA.B.KN	085133	300 x 15 x 22		serrated	straight	blunt	2.5 x 4.7	114
92 64 43	7312.SA.B.KN	054917	120 x 10 x 14		serrated	straight	blunt	1.2 x 2.7	17
92 72 45	7314.SA.B.KN	054962	145 x 11 x 15		serrated	straight	blunt	1.3 x 2.7	23
92 84 18	AAPPST.SA.B.KN	054986	126 x 11 x 18		smooth	straight	blunt	0.5 x 1.0	18



Universal Tweezers ESD

electrically dissipative, for electronics and fine mechanics

- > For secure handling of electronic workparts: equalize differences in electrical potential between their user and the workpieces in a controlled manner
- > ESD-tested, black epoxy resin coating with a surface resistance between 10^3 and 10^9 ohms
- > For the electronics and precision engineering industries
- > Antimagnetic to avoid electromagnetic damage
- > Wide range of designs: straight, angled, gripping surfaces and handles smooth or serrated, with needle points, narrow or blunt tips
- > The high quality stainless steel ensures extreme toughness and very good corrosion resistance against a variety of atmospheric environments and many corrosive materials
- > Also available as a set (92 00 01 ESD)
- > Stainless steel
- > DIN EN 61340 -5-1



Part No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	g
92 21 01 ESD	3.SA.NE.B.KN	086772	125 x 11 x 12		smooth	straight	needle-point	0.2 x 0.25	15
92 21 02 ESD	AA.SA.NE.B.KN	086789	128 x 12 x 12		smooth	straight	pointed	0.3 x 0.5	19
92 21 03 ESD	SS.SA.NE.B.KN	086796	140 x 8 x 14		smooth	straight	needle-point	0.2 x 0.3	16
92 28 69 ESD	00.SA.NE.B.KN	054771	120 x 10 x 13		smooth	straight	needle-point	0.25 x 0.25	20
92 28 70 ESD	3C.SA.NE.B.KN	054788	110 x 10 x 12		smooth	straight	needle-point	0.2 x 0.25	14
92 28 71 ESD	5.SA.NE.B.KN	054795	110 x 10 x 12		smooth	straight	needle-point	0.2 x 0.2	14
92 28 72 ESD	GG.SA.NE.B.KN	054801	130 x 11 x 14		smooth	straight	pointed	0.4 x 0.5	18
92 38 75 ESD	7.SA.NE.B.KN	054863	118 x 10 x 12	$\angle 35^\circ$	smooth	angled 35°	needle-point	0.25 x 0.3	15
92 58 74 ESD	2A.SA.NE.B.KN	054900	118 x 10 x 12		smooth	straight	blunt	0.3 x 2.0	16
92 78 77 ESD	7314.SA.NE.B.KN	054979	145 x 11 x 17		serrated	straight	blunt	1.3 x 2.7	24

SMD Tweezers ESD

DIN EN 61340 -5-1

- > Allow to compensate the differences in potential between the operator and electronic components in a controlled manner
- > With a tested black epoxy resin coating with a surface resistance between 10^3 and 10^9 ohms
- > Stainless steel



92 08 78 ESD



Part No.	International Code	EAN	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	g
92 08 78 ESD	SM109.SA.NE.B.KN	4003773-054634	118 x 10 x 12	45°	smooth	angled 45°	positioning	0.5 x 2.5	15

Positioning Tweezers ESD

DIN EN 61340 -5-1

- > Allow to compensate the differences in potential between the operator and electronic components in a controlled manner
- > With a tested black epoxy resin coating with a surface resistance between 10^3 and 10^9 ohms
- > Stainless steel



92 08 79 ESD



Part No.	International Code	EAN	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	g
92 08 79 ESD	572.SA.NE.B.KN	4003773-054641	122 x 10 x 14.5	45°	serrated	straight	positioning	2.5 x 4.0	15

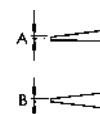
Titanium Tweezers

extremely light, heat-, corrosion- and acid-resistant

- > Particularly suitable for precision tasks that require corrosion resistance, high strength and low weight
- > The high-quality titanium alloy offers high temperature resistance and very good resistance to corrosion in air, sea and a variety of industrial environments at room temperature
- > For cleaning or chemical processes, use at high temperatures and in biology, medicine or surgery
- > 100 percent anti-magnetic
- > Antibacterial
- > Titanium



92 23 05

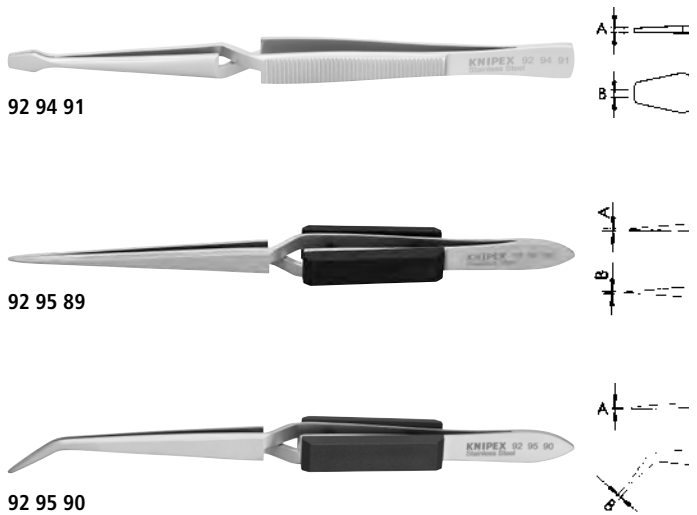


Part No.	International Code	EAN	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	g
92 23 05	3.TA.0	054726	120 x 10 x 11		smooth	straight	pointed	0.6 x 0.8	10

Universal Cross Jaw Tweezers

hold automatically due to their spring force, ideal helpers for soldering

- > Hold automatically: Their spring force makes these holding tweezers perfect for soldering small and very small components, among other uses
- > For applications that require a high-precision self-closing function, for example in microscopy or for precision assembly or soldering tasks
- > For soldering work on transistors, wire diodes, etc.
- > Suitable for a wide variety of applications in the electronics industry due to perfectly symmetrical tips and excellent balance
- > The high quality stainless steel ensures extreme toughness and very good corrosion resistance against a variety of atmospheric environments and many corrosive materials
- > Premium stainless steel
- > Stainless steel

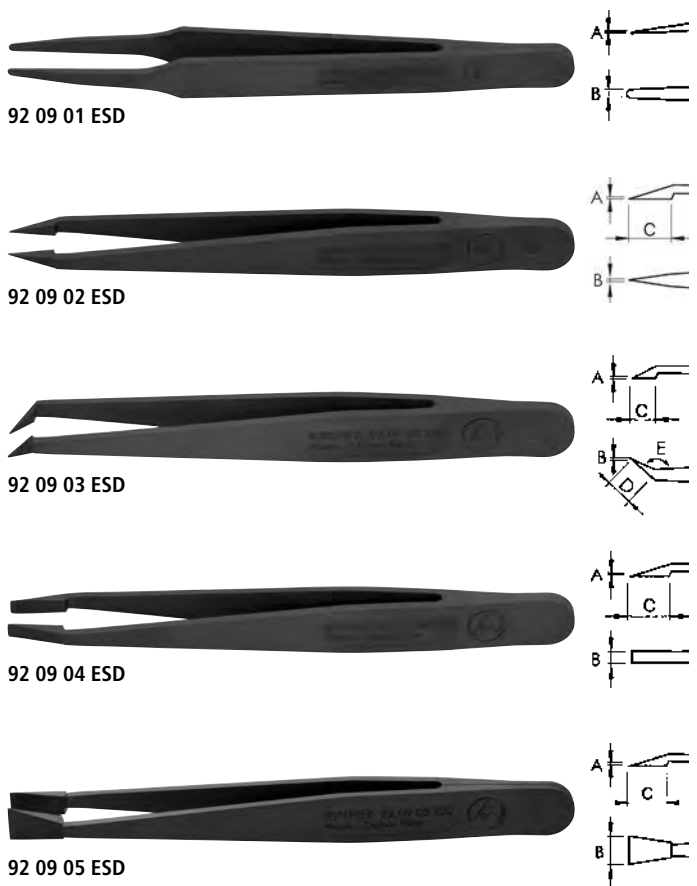
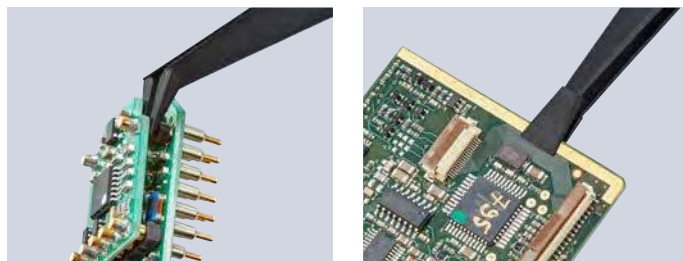


Part No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	Δg
92 94 91	5518.SA.B.KN	055006	160 x 11.5 x 13		serrated	straight	blunt	1.3 x 4.5	34
92 95 89	29.SA.B.KN	055013	165 x 11 x 20		smooth	straight	blunt	0.8 x 1.0	33
92 95 90	30.SA.B.KN	055020	162 x 11 x 20	40°	serrated	angled 40°	blunt	0.8 x 1.0	32

Plastic Tweezers ESD

extremely light and robust, electrically dissipative

- > ESD tweezers are made of 30% carbon fibre reinforced plastic, are electrically and thermally highly conductive and are characterised by high resistance to abrasion and scratching
- > With a surface resistance between 10^2 and 10^4 ohms to compensate in a controlled manner the differences in potential between the operator and the electronic components
- > ESD plastic tweezers are temperature-stable up to 130° C, short-term use is possible at up to 190° C
- > The carbon fibre reinforced plastic of the ESD variants is extremely flexible, fatigue-resistant, vibration-reducing and water-repellent, with good chemical resistance to most oils, greases, fuels and nonpolar solvents
- > ESD plastic tweezers are ideal for maximum surface protection when handling sensitive electronic components, micro-mechanical parts, as well as glass and ceramic components
- > ESD plastic tweezers: also available as a set (92 00 05 ESD)
- > Carbon fibre-reinforced plastic
- > DIN EN 61340 -5-1



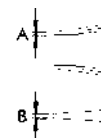
Part No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	Tip width A x B x C x D mm	Δg
92 09 01 ESD	702A.CF.KN	086970	115 x 9.5 x 13		smooth	straight	blunt	0.35 x 2.0	0.35 x 2.0	4
92 09 02 ESD	707.CF.KN	086987	115 x 11.5 x 15		smooth	straight	needle-point	0.5 x 0.3	0.5 x 0.3 x 9.5	5
92 09 03 ESD	708.CF.KN	086994	110 x 11.5 x 15	45°	smooth	angled 45°	pointed	0.5 x 0.4	0.5 x 0.4 x 5.8 x 8.5	5
92 09 04 ESD	709.CF.KN	087007	115 x 11.5 x 15		smooth	straight	blunt	0.12 x 3.3	0.12 x 3.3 x 11.5	4
92 09 05 ESD	710.CF.KN	087014	115 x 11.5 x 15		smooth	straight	blunt	0.12 x 7.7	0.12 x 7.7 x 11.3	4

Plastic Tweezers

- > Plastic disposable tweezers for the chemicals, pharmaceuticals or cosmetics sector, food industry and scientific use; ideal for gripping, holding and moving small objects, such as fine tissues, small items or solid samples
- > Made of 30% glass fiber reinforced plastic for high strength and flexibility
- > Plastic disposable tweezers are characterised by their high temperature resistance and excellent chemical resistance
- > The grooved handles ensure optimum safe handling and precision; with internally serrated tips and a particularly wide clamping area
- > Glass fibre reinforced plastic
- > DIN EN 61340 -5-1



92 69 84



Part No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	g
92 69 84	926984.HI.KN	054948	129 x 13 x 33		serrated	straight	blunt	2.0 x 3.0	5

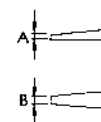
Universal Tweezers, insulated

tested protection against electrical voltage up to 1000 V

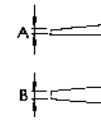
- > With insulated handles for working on electrical installations: safety up to 1000 V
- > For a wide range of requirements and applications in the electronics industry
- > Antimagnetic to avoid electromagnetic damage
- > High-quality stainless steel: extremely tough and very good corrosion resistance against a variety of atmospheric environments and many corrosive materials
- > Also available as a set (92 00 04)
- > Stainless steel
- > DIN EN 60900
- > IEC 60900



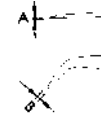
92 27 61



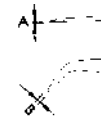
92 27 62



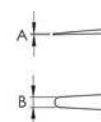
92 37 64



92 47 01



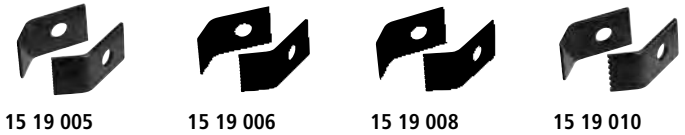
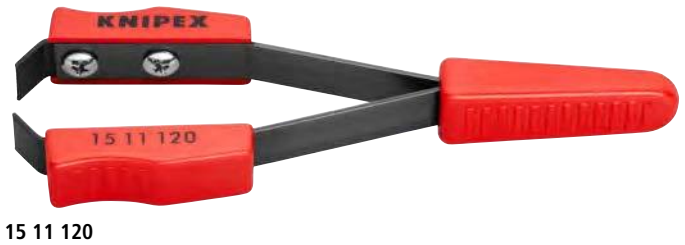
92 67 63



Part No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tip width A x B mm	g
92 27 61	54069IK.SA.B.00	054757	128 x 32 x 13	1000 V	with dipped insulation	straight	pointed	0.5 x 0.5	19
92 27 62	55015IK.SA.B.00	054764	150 x 40 x 8	1000 V	with dipped insulation	straight	pointed	1.0 x 1.3	23
92 37 64	55015IBK.SA.B.00	054856	155 x 35 x 12	1000 V $\angle 30^\circ$	with dipped insulation	angled 30°	blunt	1.0 x 1.3	24
92 47 01	73014BK.SA.B.00	086963	147 x 35 x 16	1000 V $\angle 30^\circ$	with dipped insulation	angled 30°	blunt	1.3 x 3.0	41
92 67 63	73014K.SA.B.00	054931	147 x 38 x 14	1000 V	with dipped insulation	straight	blunt	1.3 x 3.0	41

Stripping Tweezers for coated wire

- > Stripping tweezers for coated wire are used to remove insulating coatings from wires, especially for industrial use
- > For the electronics industry, as well as repairs and handicrafts
- > Also available: four spare blades for different diameters
- > Tweezers body: spring steel, oil-hardened
- > Handle shells: plastic



Part No.	International Code	EAN	↔ mm	Finish	Stripping capacities Ø mm	⚖ g
15 11 120	253040.C.BI.8	4003773-015550	120	black lacquered	0.6	34
15 19 005		021551	1 pair of spare blades for 15 11 120 Ø 0.5 mm			
15 19 006		021568	1 pair of spare blades for 15 11 120 Ø 0.6 mm			
15 19 008		021575	1 pair of spare blades for 15 11 120 Ø 0.8 mm			
15 19 010		021582	1 pair of spare blades for 15 11 120 Ø 1.0 mm			



Precision Tweezers Sets

5 parts

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

- > Five high-quality sets of tweezers: Precision Tweezers, Universal Tweezers, SMD-, ESD, Plastic and Insulated Tweezers
- > Two different tool rolls (VDE set with 5 compartments; others with 7 compartments)

92 00 04 Universal Tweezers Set

- > Insulated
- > DIN EN 60900, IEC 60900

92 00 01 ESD / 92 00 05 ESD

- > DIN EN 61340 -5-1



92 00 01 ESD



92 00 04

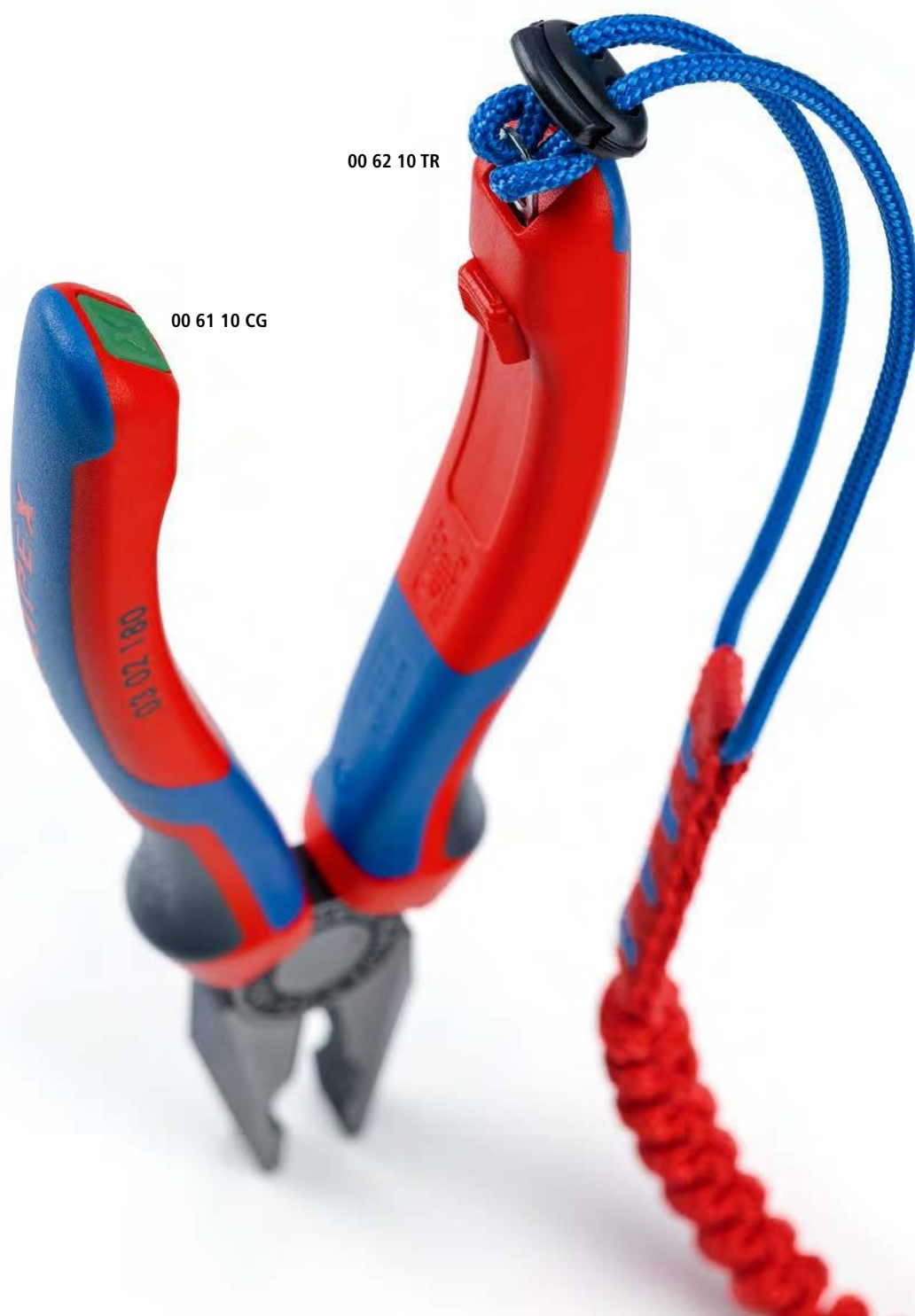


92 00 05 ESD

Part No.	International Code	EAN 4003773-	Content	Δg
92 00 01 ESD	K5-ECO.SA.NE.B	087038	92 28 69 ESD / 92 28 70 ESD / 92 28 71 ESD / 92 38 75 ESD / 92 58 74 ESD	180
92 00 04	K5REDK.SA.B	087052	92 27 61 / 92 27 62 / 92 37 64 / 92 47 01 / 92 67 63	275
92 00 05 ESD	K5PICF	087069	92 09 01 ESD / 92 09 02 ESD / 92 09 03 ESD / 92 09 04 ESD / 92 09 05 ESD	120
00 19 92 V01 LE		087229	Tool Roll for insulated tweezers, 5 compartments, empty	100
00 19 92 V02 LE		087236	Tool Roll for tweezers, 7 compartments, empty	100

KNIPEXTEND – ACCESSORIES

ColorCode Clips	260
TetheredTool Clips	261



00 62 10 TR

00 61 10 CG

Your tool. Your colour.

Tag your tools with the KNIPEX ColorCode Clip



ColorCode Clips

- ColorCode Clips for personal identification
- For all tools with KNIPEXtend

> Extends any pliers with comfort handles



Part No.	EAN 4003773-	↔ mm	Designation	RAL colour	Quantity	Δ g
00 61 10 CA	089643	21	ColorCode Clips anthracite (10 pieces)	7016 ●	10	1.6
00 61 10 CB	089636	21	ColorCode Clips blue (10 pieces)	5002 ●	10	1.6
00 61 10 CG	089674	21	ColorCode Clips green (10 pieces)	6001 ●	10	1.6
00 61 10 CM	089704	21	ColorCode Clips magenta (10 pieces)	4010 ●	10	1.6
00 61 10 CO	089667	21	ColorCode Clips orange (10 pieces)	2000 ●	10	1.6
00 61 10 CR	089629	21	ColorCode Clips red (10 pieces)	3020 ●	10	1.6
00 61 10 CS	089698	21	ColorCode Clips gray (10 pieces)	7000 ●	10	1.6
00 61 10 CV	089711	21	ColorCode Clips purple (10 pieces)	4008 ●	10	1.6
00 61 10 CW	089681	21	ColorCode Clips white (10 pieces)	9016 ○	10	1.6
00 61 10 CY	089650	21	ColorCode Clips yellow (10 pieces)	1003 ●	10	1.6
00 61 10 C V01	089728		ColorCode Clips colour mix 1 (10 pieces)	2x 5002 ●, 2x 7000 ●, 2x 3020 ●, 2x 1003 ●, 2x 4010 ●	10	
00 61 10 C V02	089735		ColorCode Clips colour mix 2 (10 pieces)	2x 7016 ●, 2x 2000 ●, 2x 9016 ○, 2x 4008 ●, 2x 6001 ●	10	

Your clip, your pliers, your idea!

For 3D printer fans:
Use our data from www.knipex.com
to realise your own clip ideas!



A safe connection.

TetheredTool Clips: for use with the KNIPEX Tethered Tools system



Compliant with ANSI/ISEA 121-2023

ANSI = American National Standards Institute

ISEA = International Safety Equipment Association

TetheredTool Clips

- ▶ TetheredTool Clips for anti-fall devices of the KNIPEX Tethered Tools series
- ▶ For all tools with KNIPEXtend

> Extends any pliers with comfort handles



00 62 10 TR



Part No.	EAN	↔ mm	Designation	RAL colour	Quantity	Δ g
00 62 10 TR	4003773-089742	30	TetheredTool Clips red (10 pieces)	3020 ●	10	4.6

TetheredTool & ColorCode Clips

- ▶ ColorCode Clips and TetheredTool Clips for anti-fall devices
- ▶ For all tools with KNIPEXtend

> Extends any pliers with comfort handles



00 63 06 TCR

Part No.	EAN	↔ mm	Designation	RAL colour	Quantity	Δ g
00 63 06 TCR	4003773-089759	122	TetheredTool Clips + ColorCode Clips red, 3 pieces each	3020 ●	10	19

TOOLS WITH TETHERING

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00 50 50 T LE

KNIPEXTEND

For the connection of helpful extensions

TetheredTool Clips (TTCs) for attaching a
Tethered Tools fall protection



TetheredTool Clip



Scan the QR-code for
further information



KNIPEXTEND

New handles from KNIPEX
Two KNIPEXTend interfaces for
extensions



Tethered Tool system: what fits – and what doesn't

Compatibility with KNIPEX tools

The lanyard and the adapter strap for tools up to 1.5 kg fit directly on all KNIPEX pliers with tether attachment point or TetheredTool Clip. The lanyard and the adapter strap for tools up to 6 kg do not fit directly on KNIPEX pliers with tether attachment point or TetheredTool Clip, but only together with the adapter strap or tools up to 1.5 kg.

Lanyard 1.5 kg (3.3 lbs)
00 50 05 T = 00 50 01 T & 00 50 03 T



Adapter Strap 1.5 kg (3.3 lbs)
00 50 02 T

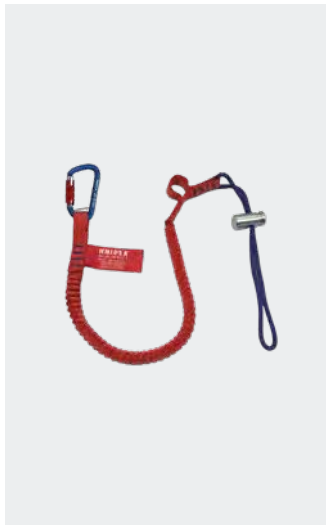


Tools max. 1.5 kg (3.3 lbs)

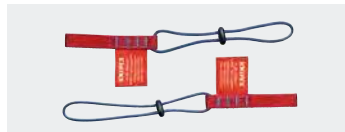


KNIPEXTEND

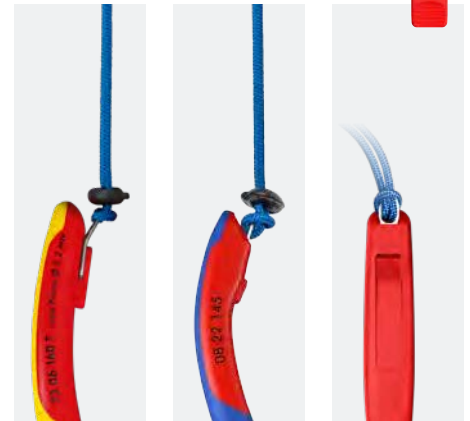
Lanyard 6 kg (13 lbs)
00 50 12 T BK = 00 50 10 T & 00 50 03 T



Adapter Strap 1.5 kg (3.3 lbs)
00 50 02 T



Tools max. 1.5 kg (3.3 lbs)



KNIPEXTEND

Adapter Strap 6.0 kg (13 lbs)
00 50 11 T



Tools max. 6 kg (13 lbs)
with engineered captive tether point



Double-tested safety

according to ANSI ISEA 121-2018 and by the independent test laboratory VPA Remscheid

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

Lanyard

- ▶ For reliable tool protection: holding capacity for tools up to 1.5 kg tested in numerous drop tests
- ▶ Large working radius: long lanyard for convenient working

- > Reduces the risk of tool loss, injury to people or animals or damage to objects
- > To meet regulations while working at heights, for example industrial climbing, arborists, rescue services, at sea, etc.
- > Tether can be attached directly to the cord side or the carabiner to climbing equipment or fixed points provided for this purpose; quick change of the belay from the tool bag to the tether
- > The roughly 90 cm long gathered fabric strap tether stretches to a length of about 1.5 m when weight is applied
- > With strap made of a flat belt sewn to one end and a cord and cord stopper sewn into the other end
- > Suitable for all KNIPEX pliers with tether attachment point or TetheredTool Clip
- > No PPE (personal protective equipment): not suitable for personal safety!

00 50 01 T BK

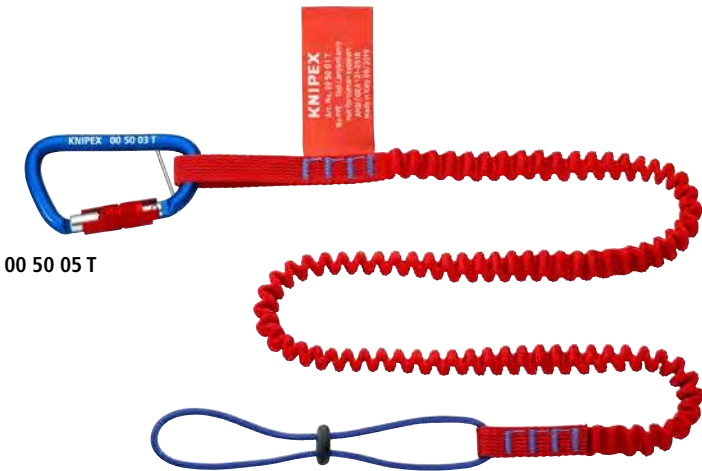
> Contents: Lanyard 00 50 01 T

00 50 05 T BK

> Contents: lanyard 00 50 10 T, with fixed equipment carabiner 00 50 03 T

1.5 kg

Max. load



Part No.	EAN 4003773-	↔ Length relaxed (mm)	↔ Length stretched (mm)	Width mm	Height mm	Load capacity	⚖ g
00 50 01 T BK	081357	1000	1500	16	10	1.5 kg / 3.3 lbs	35
00 50 05 T BK	086048	900	1500	50	15	1.5 kg / 3.3 lbs	35

Lanyard

- ▶ For reliable tool protection: holding capacity tested in numerous drop tests for tools up to 6 kg, even battery-operated tools
- ▶ Large working radius: long lanyard for convenient working

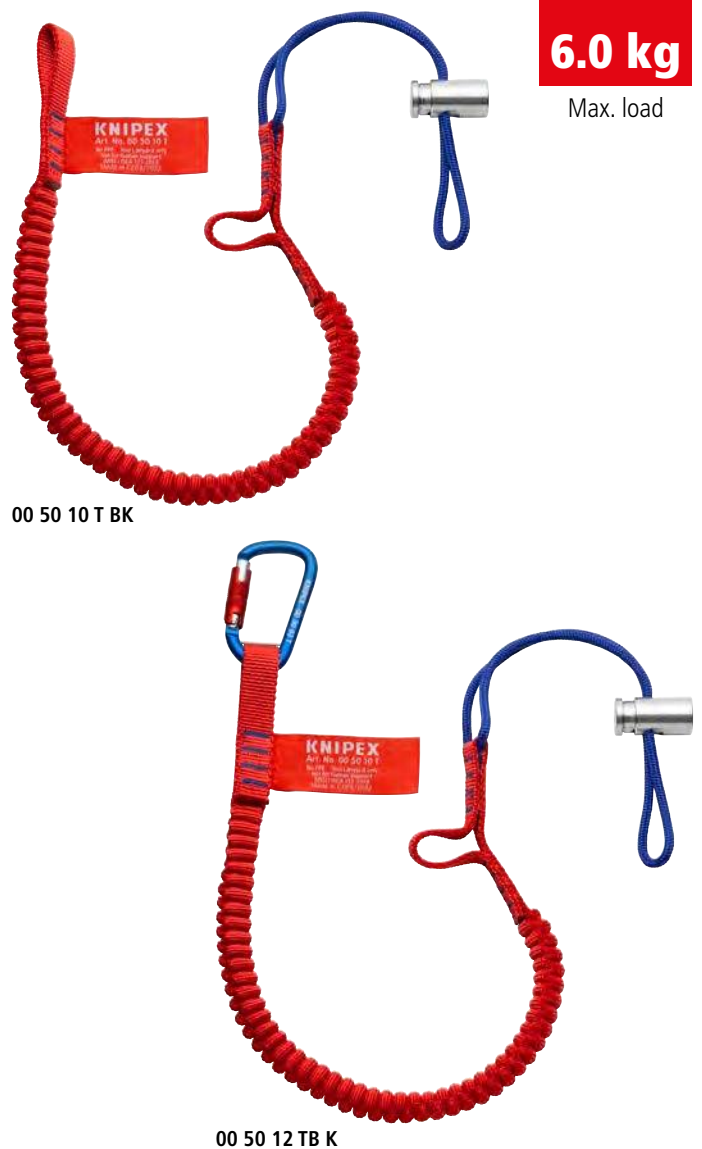
- > Reduces the risk of tool loss, injury to people or animals or damage to objects
- > To meet regulations while working at heights, for example industrial climbing, arborists, rescue services, at sea, etc.
- > Tether can be attached directly to the cord side or the carabiner to climbing equipment
- > The roughly 90 cm long gathered fabric strap tether stretches to a length of about 1.5 m when weight is applied
- > With strap made of a flat belt sewn to one end and a cord and cord stopper sewn into the other end, each sewn four times
- > The additional loop on the lanyard allows for direct connection of the tool to the climbing equipment with a carabiner (sold separately)
- > Cord stopper made of solid aluminium, also available as a spare part
- > For KNIPEX pliers with tether attachment point or TetheredTool Clip; only usable with 1.5 kg Adapter Strap 00 50 02 T
- > No PPE (personal protective equipment): not suitable for personal safety!

00 50 10 T BK

- > Contents: Lanyard 00 50 10 T BK

00 50 12 T BK

- > Contents: tether 00 50 10 T, with fixed equipment carabiner 00 50 03 T



6.0 kg

Max. load



Part No.	EAN 4003773-	↔ Length relaxed (mm)	↔ Length stretched (mm)	Width mm	Height mm	Load capacity	⚖ g
00 50 10 T BK	088004	900	1400	95	27	6 kg / 13.2 lbs	179
00 50 12 T BK	088028	900	1500	95	28	6 kg / 13.2 lbs	138

Adapter straps

- For reliable tool protection: holding capacity for tools up to 1.5 kg tested in numerous drop tests
- Reliably prevents the tool falling down, and can protect against serious injuries, damage to property or loss

- > Reduces the risk of tool loss, injury to people or animals or damage to objects
- > To meet regulations while working at heights, for example industrial climbing, arborists, rescue services, at sea, etc.
- > Diverse attachment options are possible in combination with the carabiner and lanyard
- > Adapter strap can be attached directly with the cord or the carabiner to the climbing equipment or fixed points provided for this purpose, quick change of the belay from the tool bag to the tether
- > With strap made of a flat belt sewn to one end and a cord and cord stopper sewn into the other end, each sewn four times
- > Suitable for all KNIPEX pliers with tether attachment point or TetheredTool Clip
- > No PPE (personal protective equipment): not suitable for personal safety!

00 50 02 T BK

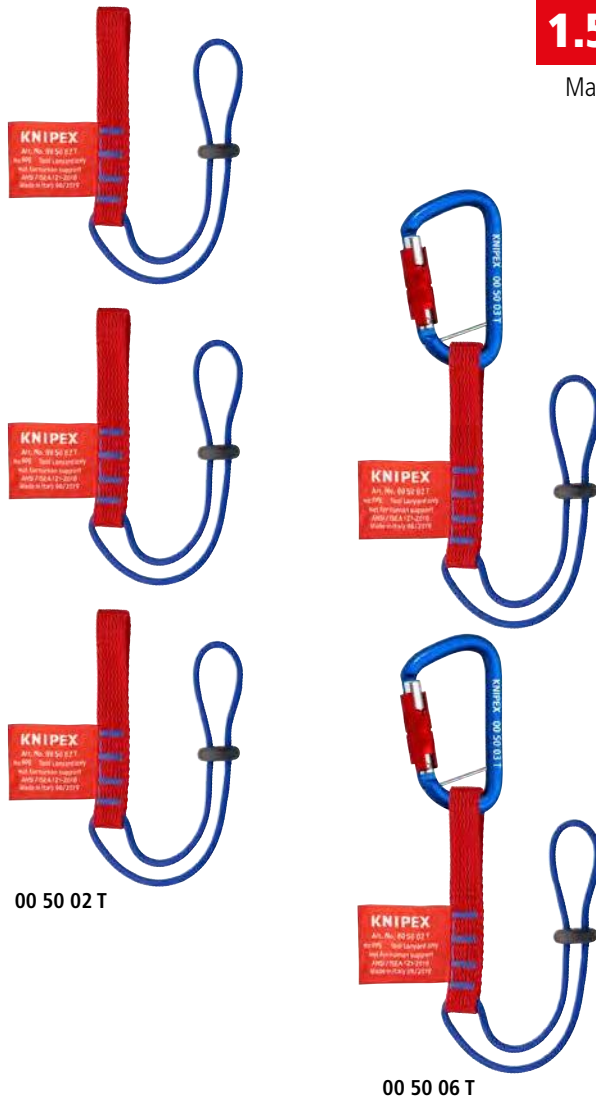
- > Contents: 3 adapter straps 00 50 02 T

00 50 06 T BK

- > Contents: 2 adapter straps 00 50 01 T, with fixated equipment carabiner 00 50 03 T

1.5 kg

Max. load



Part No.	EAN	↔ Length relaxed (mm)	↔ Length stretched (mm)	Width mm	Height mm	Load capacity	△ g
00 50 02 T BK	081364	270	270	20	9	1.5 kg / 3.3 lbs	10
00 50 06 T BK	086055	340	340	50	15	1.5 kg / 3.3 lbs	35

Adapter straps

- ▶ For reliable tool protection: holding capacity tested in numerous drop tests for tools up to 6 kg, even battery-operated tools
 - ▶ For diverse ways of connecting tool fall protection
- > Reduces the risk of tool loss, injury to people or animals or damage to objects
 - > To meet regulations while working at heights, for example industrial climbing, arborists, rescue services, at sea, etc.
 - > Diverse attachment options are possible in combination with the carabiner and lanyard
 - > Adapter strap can be attached directly with the cord or the carabiner to the climbing equipment or fixed points provided for this purpose, quick change of the belay from the tool bag to the tether
 - > With strap made of a flat belt sewn to one end and a cord and cord stopper sewn into the other end, each sewn four times
 - > For KNIPEX pliers with tether attachment point or TetheredTool Clip; only usable with 1.5 kg Adapter Strap 00 50 02 T
 - > Cord stopper made of solid aluminium, also available as a spare part
 - > No PPE (personal protective equipment): not suitable for personal safety!

00 50 11 T BK

- > Contents: adapter strap 00 50 11 T

00 50 13 T BK

- > Contents: adapter strap 00 50 13 T, with fixated equipment carabiner 00 50 03 T



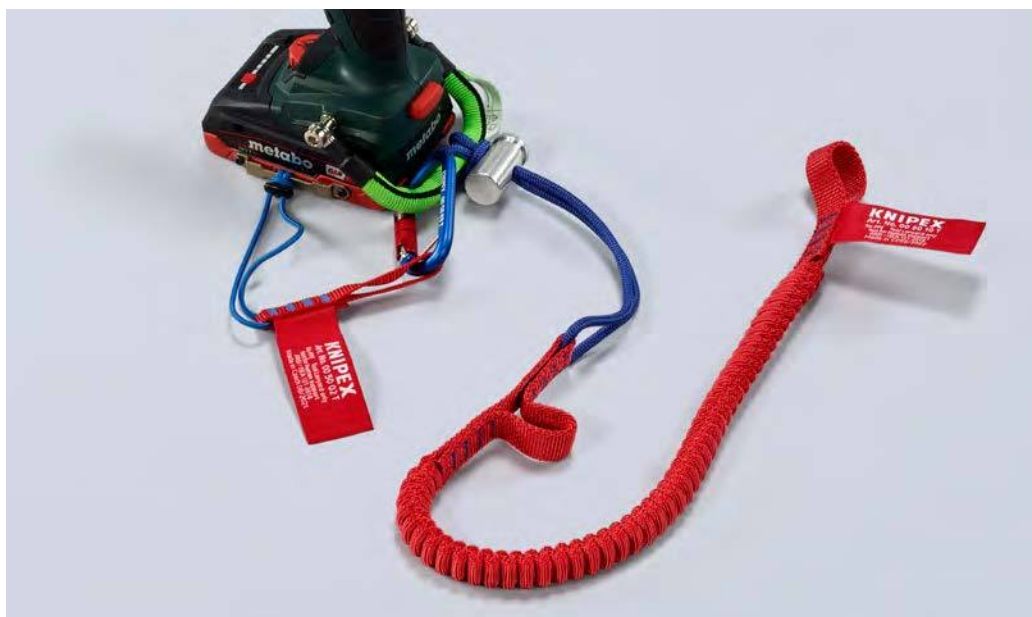
00 50 11 T



00 50 13 T

6.0 kg

Max. load



Part No.	EAN	↔ Length relaxed (mm)	↔ Length stretched (mm)	Width mm	Height mm	Load capacity	⚖ g
00 50 11 T BK	088011	400	400	85	27	6 kg / 13.2 lbs	99
00 50 13 T BK	088035	186	186	85	27	6 kg / 13.2 lbs	13

Carabiners

- ▶ For reliable tool protection: holding capacity tested in numerous drop tests for tools up to 6 kg, even battery-operated tools
 - ▶ Spring-loaded twist lock: prevents the equipment carabiner from opening accidentally with spring and twist loading
- > To meet regulations while working at heights, for example industrial climbing, arborists, rescue services, at sea, etc.
 - > Mushroom head lock to increase tensile strength
 - > With pin to create an eyelet: can be inserted for a permanent connection between equipment carabiner and lanyard/adapter strap
 - > Robust and light thanks to high-strength aluminium
 - > Snap opening: 16 mm
 - > Max. static payload in longitudinal direction in locked state: 2 kN
 - > Contents: 2 carabiners, security pins
 - > No PPE (personal protective equipment): not suitable for personal safety!



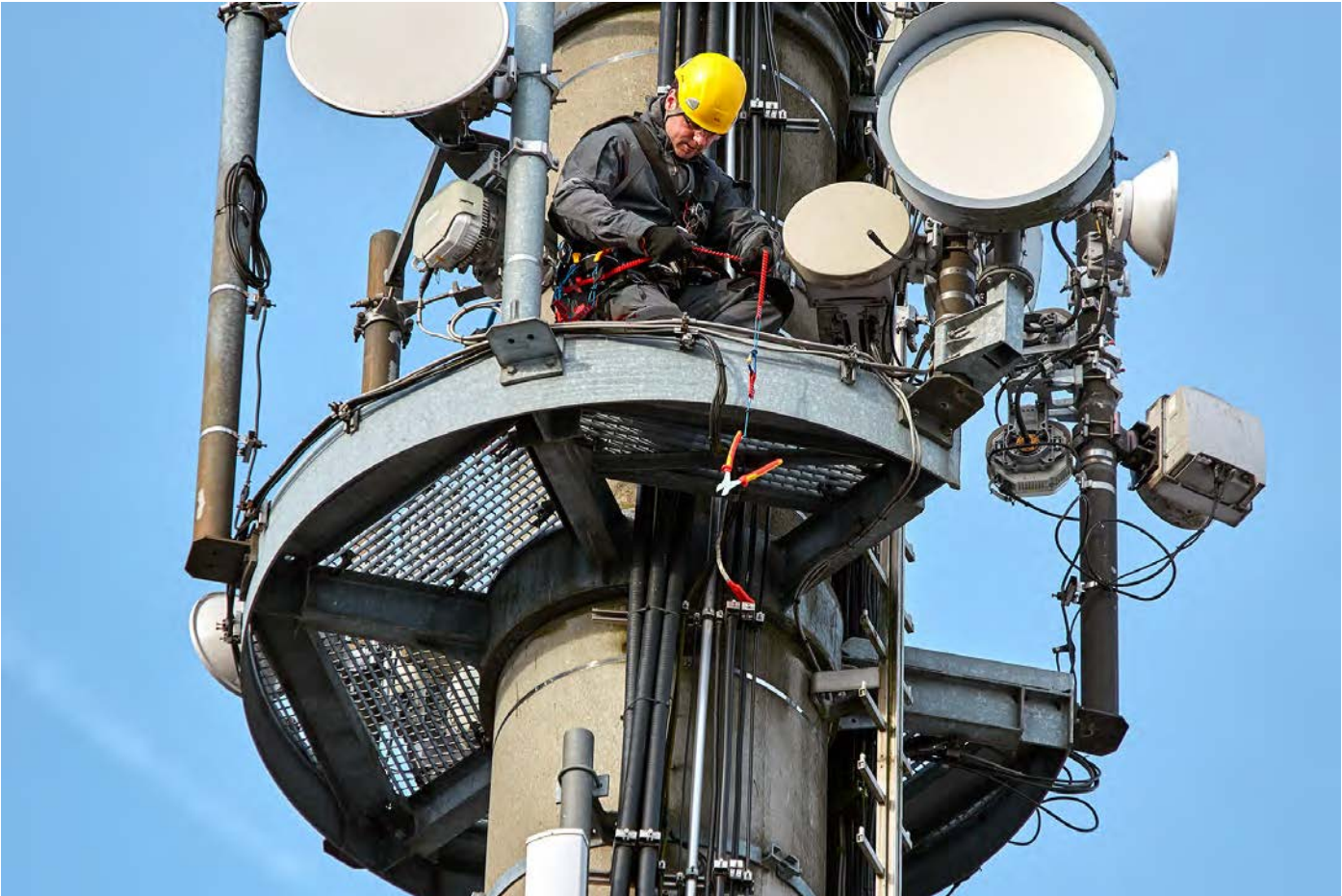
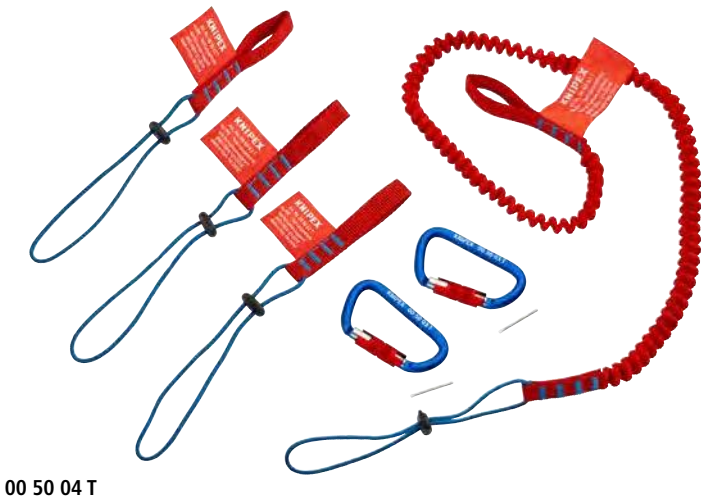
Part No.	EAN	Length mm	Width mm	Height mm	Snapper opening mm	Load capacity	⚠ g
00 50 03 T BK	4003773-081371	82	46	12	16	2 KN	30

Tethering System Set

1.5 kg

Max. load

- ▶ Complete set for reliable tool protection: holding capacity for tools up to 1.5 kg tested in numerous drop tests
 - ▶ Set with lanyard (00 50 01 T), three adapter straps (00 50 02 T) and two carabiners (00 50 03 T)
 - ▶ The combination of the separate parts produces a versatile system with a large number of attachment options
- > Reduces the risk of tool loss, injury to people or animals or damage to objects
 - > To meet regulations while working at heights, for example industrial climbing, arborists, rescue services, at sea, etc.
 - > The roughly 90 cm long gathered fabric strap tether stretches to a length of about 1.5 m when weight is applied
 - > Suitable for all KNIPEX pliers with tether attachment point or TetheredTool Clip
 - > Max. load: 1.5 kg tool weight
 - > No PPE (personal protective equipment): not suitable for personal safety!



Part No.	EAN	Contents	g
00 50 04 T BK	4003773-081388	1 x 00 50 01 T BK, 3 x 00 50 02 T BK, 2 x 00 50 03 T BK	123

An overview of our tools with tethering

	Part No.	Description	Page
	00 50 50 T LE	Tool bag for working at heights, empty (small), suitable for KNIPEX Tethered Tools system	326
	00 50 51 T LE	Tool bag for working at heights, empty (big), suitable for KNIPEX Tethered Tools system	326
	03 06 180 T	Combination Pliers with gripping zones for flat and round material	007
	08 26 145 T	Needle-Nose Combination Pliers universal pliers for all common repair jobs	008
	11 06 160 T	Insulation Stripper for single, multiple and fine stranded conductors with plastic or rubber insulation	026
	12 40 200	KNIPEX EvoStrip Self-Adjusting Insulation Stripper adapts automatically to the respective cable cross-section, Fine adjustment enables precise setting of the cutting depth for special materials or temperature conditions	018
	12 52 195	KNIPEX PreciStrip16 for stripping fine wire and solid conductors from 0.08 to 16 mm²; Fine adjustable zero correction of the blade setting to special material requirements, e.g. due to large temperature differences	020
	12 72 190	KNIPEX NexStrip® Multi-Tool for Electricians Stripping with fine adjustment – for optimal adjustment to special materials or temperature conditions for flexible and solid conductors between 0.03 and 10 mm² (AWG 32–8)	022
	13 66 180 T	KNIPEX StriX® for stripping single, multiple and fine stranded conductors with plastic and rubber insulation; with cable shears for cutting Cu and Al cables	027

	Part No.	Description	Page
	16 20 50 SB	Folding Knife for Electricians universal folding cutter for everyday use; top quality, extremely sharp blade – Made in Solingen	038
	16 50 145 SB	Stripping knife with guide shoe and ratchet function Versatile blade with three cutting areas for round and lengthwise cuts	039
	25 06 160 T	Snipe Nose Side Cutting Pliers for gripping and cutting work in precision mechanics; pointed, half-round jaws	054
	26 16 200 T	Snipe Nose Side Cutting Pliers highly loadable, elastic precision tips; half-round, long jaws	055
	26 26 200 T	Snipe Nose Side Cutting Pliers highly loadable, elastic precision tips; half-round, long jaws	
	70 06 160 T	Diagonal Cutter narrow head style for use in confined areas; clean cutting also at cutting edge tips	094
	70 06 180 T	Diagonal Cutter narrow head style for use in confined areas; clean cutting also at cutting edge tips	
	71 02 200 T ⓘ	KNIPEX CoBolt Extremely high cutting capacity with little effort required due to extremely effective joint design	101
	71 22 200 T ⓘ	KNIPEX CoBolt Extremely high cutting capacity with little effort required due to extremely effective joint design	102

	Part No.	Description	Page
	71 32 200 T ⓘ	KNIPEX CoBolt Extremely high cutting capacity with little effort required due to extremely effective joint design	103
	74 06 200 T	High Leverage Diagonal Cutters for heavy duty; high cutting performance with minimum effort	098
	74 06 250 T		
	86 05 180 T ⓘ	Pliers Wrench for careful installation of finished-surface components; parallel smooth jaws; adjustment by pushbutton	110
	86 05 250 T ⓘ		
	87 02 250 T ⓘ	KNIPEX Cobra® Push the button for adjustment on the workpiece; self-locking on pipes and nuts	119

	Part No.	Description	Page
	87 26 250 T	KNIPEX Cobra® VDE Push the button for adjustment on the workpiece: fast and comfortable handling	122
	88 02 250 T ⓘ	KNIPEX Alligator® Water Pump Pliers self-locking on pipes and nuts; box-joint design	124
	90 10 165 BK	KNIPEX CutiX Universal knife with individually adjustable blade stabilisation: The blade cannot be accidentally bent or broken	149
	95 05 20 SB	Angled Electricians' Shears glass fibre reinforce, with two crimp areas for wire ferrules, with plastic belt box	171
	95 62 190 T ⓘ	Cable shears precision-ground, hardened blades: clean and smooth cut without crushing; little handforce required due to very high transmission ratio; with two crimping dies for end caps on Bowden cable sheaths and end ferrules for traction cables	177
	97 78 180 T	Crimping Pliers for wire ferrules reliable crimping in 9 marked half-round dies with conical side faces	180



Good things get better

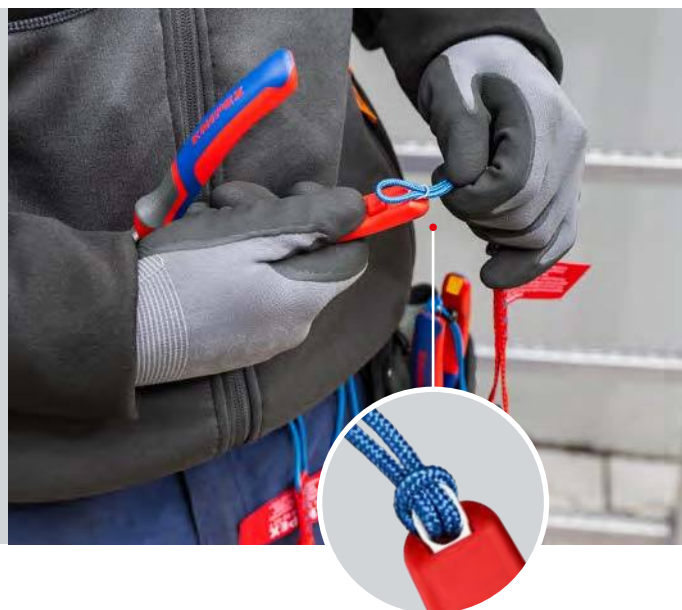
Over the next few months, KNIPEX will successively convert the items labelled here to the new comfort handles with KNIPEXtend interface. Pliers with the VDE-tested, red-yellow handles are not affected by the change.

If required, tools with these handles can be extended with the optional TetheredTool Clips with tether attachment point, so that the respective "T" variants will probably be discontinued.

Details on the comfort handles can be found on page 264.



For further information,
scan the QR code



TOOL ASSORTMENTS AND TRANSPORT

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00 21 50 S

Belt Pouch XS

for KNIPEX Cobra® XS and Pliers Wrench XS

empty

- > Tool Bag made from durable polyester fabric, with hook-and-loop fastener and belt loop
- > Dimensions (W x H x D): 60 x 110 x 40 mm



00 19 72 XS LE

Part No.	EAN 4003773-	Width mm	Height mm	Depth mm	⚖ g
00 19 72 XS LE	087335	60	110	40	45

Mini Pliers Set XS

in belt tool pouch

► Always to hand, always useful: Pliers Wrench XS and KNIPEX Cobra® XS in a practical belt pouch

- > Tool Bag made from durable polyester fabric, with hook-and-loop fastener and belt loop
- > With pliers wrench XS: 100 mm tool length, parallel jaw opening gently grips up to 21 mm width across flats
- > With KNIPEX Cobra® XS: 100 mm tool length, grips round workpieces up to 28 mm, with self-locking effect
- > Dimensions (W x H x D): 60 x 110 x 40 mm



00 20 72 V04 XS



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

Belt Tool Pouch

empty

- > Tool Bag made from durable polyester fabric, with belt loop
- > Conical bag for 1 to 3 hand tools
- > Ideal form for the angled Electricians' Shears 95 05 20 SB
- > Also suitable for KNIPEX CutiX or similarly slim tools like the Pliers for Electrical Installation, KNIPEX TwinGrip, etc.
- > With pen compartment
- > Dimensions (W x H x D): 110 x 215 x 40 mm



00 19 75 LE



Part No.	EAN 4003773-	Width mm	Height mm	Depth mm	⚖ g
00 19 75 LE	088158	110	215	40	70

Belt Pouch

for two pliers

empty

- > For two pliers up to 150 mm length
- > Made of hard-wearing polyester fabric, with hook-and-loop-fastener
- > With elastic side holder for small flash lamp, pen or suchlike
- > With practical belt clip



00 19 72 LE

Part No.	EAN 4003773-	Width mm	Height mm	Depth mm	△ g
00 19 72 LE	070191	75	180	55	65

Mini Pliers Sets

in belt tool pouch

- > Tool Bag made from durable polyester fabric, with hook-and-loop fastener and belt clip
- > Dimensions (W x H x D): 75 x 180 x 55 mm



00 20 72 V01



00 20 72 V02



00 20 72 V04



00 20 72 V06

Part No.	EAN 4003773-				Nominal size	Quantity	△ g
00 20 72 V01	070832	Mini pliers set in belt tool pouch					345
			86 03 150	Pliers Wrench	150 mm	1	
			87 01 125	KNIPEX Cobra® High-Tech Water Pump Pliers	125 mm	1	
00 20 72 V02	075851	Mini pliers set in belt tool pouch					420
			74 01 160	High Leverage Diagonal Cutter	160 mm	1	
			87 01 150	KNIPEX Cobra® High-Tech Water Pump Pliers	150 mm	1	
00 20 72 V04	078920	Mini pliers set in belt tool pouch					264
			86 03 125	Mini Pliers Wrenches	125 mm	1	
			87 01 125	KNIPEX Cobra® High-Tech Water Pump Pliers	125 mm	1	
00 20 72 V06	081937	Mini pliers set in belt tool pouch					375
			08 22 145	Needle-Nose Combination Pliers	145 mm	1	
			87 01 150	KNIPEX Cobra® High-Tech Water Pump Pliers	150 mm	1	
00 19 72 LE	070191	Belt pouch for two pliers empty					

Tool Kits

- > Attractive sales packaging with Euro standard perforation
- > Tools in a plastic deep-drawn tray with transparent lid
- > Dimensions (W x H x D): 170 x 370 x 40 mm



00 20 09 V01



00 20 09 V02



00 20 09 V03



00 20 10



00 20 11



00 20 11 V01



00 20 12



00 20 13

Part No.	EAN 4003773-					Nominal size	Quantity	g
00 20 09 V01	073994	Bestseller Set						955
			03 02 180	Combination Pliers	180 mm	1		
			70 02 160	Diagonal Cutter	160 mm	1		
			87 01 250	KNIPEX Cobra® High-Tech Water Pump Pliers	250 mm	1		
00 20 09 V02	074793	KNIPEX Cobra® Set						1220
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1		
			87 01 250		250 mm	1		
			87 01 300		300 mm	1		
00 20 09 V03	074809	KNIPEX Alligator® Set						1195
			88 01 180	KNIPEX Alligator® Water Pump Pliers	180 mm	1		
			88 01 250		250 mm	1		
			88 01 300		300 mm	1		
00 20 10	010388	Power Set						865
			02 01 180	High Leverage Combination Pliers	180 mm	1		
			74 01 160	High Leverage Diagonal Cutter	160 mm	1		
			87 01 250	KNIPEX Cobra® High-Tech Water Pump Pliers	250 mm	1		
00 20 11	012405	Assembly Set						815
			03 02 180	Combination Pliers	180 mm	1		
			26 12 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1		
			70 02 160	Diagonal Cutter	160 mm	1		
00 20 11 V01	064091	Assembly Set						870
			03 05 180	Combination Pliers	180 mm	1		
			26 15 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1		
			74 05 180	High Leverage Diagonal Cutter	180 mm	1		
00 20 12	012412	Electro Set						960
			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						780
				Screwdrivers for slotted screws 160 i	0.6 x 3.5 x 100 mm	1		
				Screwdrivers for slotted screws 160 i	1.0 x 5.5 x 125 mm	1		
				Screwdrivers for cross recessed Phillips® screws 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		

Screwdriver Sets VDE

- > Attractive sales packaging with Euro standard perforation
- > Tools in a plastic deep-drawn tray with transparent lid
- > Burnished tip, insulating multi-component handle, VDE-tested
- > Dimensions (W x H x D): 170 x 370 x 40 mm



00 20 12 V01



00 20 12 V01



00 20 12 V01



00 20 12 V01



00 20 12 V01

Part No.	EAN 4003773-					Nominal size	Quantity	 g
00 20 12 V01	075523	Screwdriver Set 6 parts						610
		  	98 20 30	Screwdrivers for slotted screws	0.3 x 3 x 100 mm	1		
			98 20 40		0.8 x 4 x 100 mm	1		
			98 20 55		1.0 x 5.5 x 125 mm	1		
			98 20 65		1.2 x 6.5 x 150 mm	1		
		  	98 24 01	Screwdriver for cross recessed screws Phillips®	PH1 x 80 mm	1		
			98 24 02		PH2 x 100 mm	1		
00 20 12 V02	082538	VDE Screwdriver Set Slotted / Phillips®						550
		  	98 20 30	Screwdrivers for slotted screws	0.3 x 3 x 100 mm	1		
			98 20 40 SL		0.8 x 4 x 100 mm	1		
			98 20 55 SL		1.0 x 5.5 x 125 mm	1		
			98 20 65 SL		1.2 x 6.5 x 150 mm	1		
		  	98 24 01 SL	Screwdriver (Slim) for cross-recessed screws Phillips®	PH1 x 80 mm	1		
			98 24 02 SL		PH2 x 100 mm	1		
00 20 12 V03	082545	VDE Screwdriver Set Phillips® / Pozidriv®						500
		  	98 24 00	Screwdriver for cross recessed screws Phillips®	PH0 x 60 mm	1		
			98 24 01 SL		PH1 x 80 mm	1		
			98 24 02 SL		PH2 x 100 mm	1		
		  	98 25 00	Screwdriver for cross recessed screws Pozidriv®	PZ 0 x 60 mm	1		
			98 25 01 SL		PZ1 x 80 mm	1		
			98 25 02 SL		PZ2 x 100 mm	1		
00 20 12 V04	082552	VDE Screwdriver Set Slotted / Phillips® / Pozidriv®						509
		  	98 20 25	Screwdrivers for slotted screws	0.4 x 2.5 x 75 mm	1		
			98 20 40 SL		Screwdriver (Slim) for slotted screws	0.8 x 4 x 100 mm	1	
		  	98 24 01 SL	Screwdriver (Slim) for cross-recessed screws Phillips®	PH1 x 80 mm	1		
			98 24 02 SL		PH2 x 100 mm	1		
		  	98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®	PZ1 x 80 mm	1		
			98 25 02 SL		PZ2 x 100 mm	1		
00 20 12 V05	082569	VDE Screwdriver Set PlusMinus / Slotted						510
		  	98 20 25	Screwdrivers for slotted screws	0.4 x 2.5 x 75 mm	1		
			98 20 40 SL		Screwdriver (Slim) for slotted screws	0.8 x 4 x 100 mm	1	
		  	98 24 01 SLS	Screwdriver (Slim) Plus/Minus Phillips®	PH/S 1 x 80 mm	1		
			98 24 02 SLS		PH/S 2 x 100 mm	1		
		  	98 25 01 SLS	Screwdriver (Slim) Plus/Minus Pozidriv®	PZ/S1 x 80 mm	1		
			98 25 02 SLS		PZ/S2 x 100 mm	1		

Pliers Sets



00 31 20 V01

00 31 20 V02

00 31 20 V03

Part No.	EAN 4003773-					Nominal size	Quantity	 g
00 31 20 V01	077251	Set of pliers						555
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1		
			87 01 250		250 mm	1		
00 31 20 V02	077268	Set of pliers						550
			88 01 180	KNIPEX Alligator® Water Pump Pliers	180 mm	1		
			88 01 250		250 mm	1		
00 31 20 V03	078104	Set of pliers						620
			86 03 180	Pliers Wrench	180 mm	1		
			87 01 250	KNIPEX Cobra® High-Tech Water Pump Pliers	250 mm	1		

Photovoltaic Installations Set

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

- > KNIPEX ErgoStrip® PV 16 95 03: For fast and precise stripping of solar cables with 4 and 6 mm² (e.g., H1ZZZ2-K) and for stripping of all common round and damp-proof installation cables (e.g., NYM cable 3 x 1.5 mm² to 5 x 2.5 mm²)
- > KNIPEX PreciForce 97 52 42: Crimps PV conductors (4 and 6 mm²) with MC4® and MC4® Evo 2 connectors.



00 31 31 V01

Part No.	EAN 4003773-				Nominal size	Quantity	g
00 31 31 V01 SB	092780	Photovoltaic Installations Set					585.5
			16 95 03 SB	KNIPEX ErgoStrip® PV	Ø 8.0 – 13.0 mm	1	
			97 52 42	KNIPEX PreciForce Crimping pliers for MC4®/MC4® Evo 2 connectors	4 – 6 mm ²	1	

Pliers Sets

in a foam tray

- > In a foam tray for workbenches and tool trolleys
- > Clearly organised storage of tools
- > Precisely-sized recesses for holding the pliers
- > Foam tray dimensions (W x H x D):
335 x 165 x 33 mm
- > Material: two colour, closed pore foam



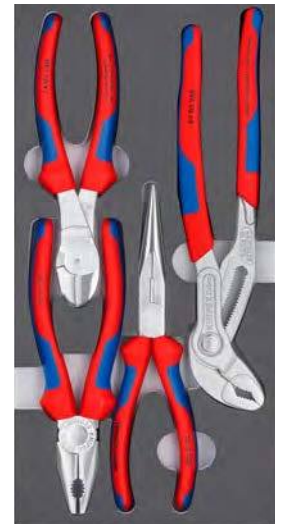
00 20 01 V02



00 20 01 V15



00 20 01 V16



00 20 01 V17

Part No.	EAN 4003773-				Nominal size	Quantity	 g
00 20 01 V02	069652	Precision Circlip Pliers Set in a foam tray					915
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	Ø 12 – 25 mm	1	
			48 11 J2		Ø 19 – 60 mm	1	
		 90°	48 21 J21		Ø 19 – 60 mm	1	
			49 11 A1	Precision Circlip Pliers for external circlips on shafts	Ø 10 – 25 mm	1	
			49 11 A2		Ø 19 – 60 mm	1	
		  90°	49 21 A21		Ø 19 – 60 mm	1	
00 20 01 V15	081586	Set of Pliers in a foam tray					1121
			03 02 180	Combination Pliers	180 mm	1	
			26 12 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
			74 02 180	High Leverage Combination Pliers	180 mm	1	
			87 01 250	KNIPLEX Cobra® High-Tech Water Pump Pliers	250 mm	1	
		00 20 01 V16	081593	Set of Pliers in a foam tray			
 	08 21 145			Needle-Nose Combination Pliers	145 mm	1	
	28 71 280			Long Reach Needle Nose Pliers with transverse profiles	280 mm	1	
 45°	28 81 280				280 mm	1	
	74 01 180			High Leverage Diagonal Cutter	180 mm	1	
00 20 01 V17	081944			Set of Pliers in a foam tray			
			03 05 180	Combination Pliers	180 mm	1	
			26 15 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
			74 05 180	High Leverage Diagonal Cutter	180 mm	1	
			87 05 250	KNIPLEX Cobra® High-Tech Water Pump Pliers	250 mm	1	

Electrical Installations Set



00 31 30 BK V01



00 31 30 BK V02



00 31 30 BK V03

Part No.	EAN					Nominal size	Quantity	
00 31 30 BK V01	086574	Electrical Installations Set						540
		  	13 86 200	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1		
		 	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1		
		 	70 06 160	Diagonal Cutter	160 mm	1		
00 31 30 BK V02	087892	Electrical Cutting Set						510
		 	70 06 160	Diagonal Cutter	160 mm	1		
		 	78 06 125	Electronic Super Knips VDE	125 mm	1		
		 	95 16 160	KNIPEX StepCut® Cable Shears	Ø 15 mm / 50 mm²	1		
00 31 30 BK V03	087885	Electrical Set						618
		 	11 06 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1		
		 	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1		
		 	70 06 160	Diagonal Cutter	160 mm	1		

Extension Sets Electro

00 20 90 V01
Extension Set Electro 1, 10 parts

Add another 10 brand tools to your collection

KNIPEX: KNIPEX TwinKey®, VDE, insulated pliers High Leverage Diagonal Cutter 200 mm, VDE, insulated pliers , bent, VDE, insulated pliers Cable shears 165 mm, KNIPEX Cobra® 180 mm, Universal Stripping Tool, VDE, insulated pliers Screwdriver (Slim) Plus/Minus PZ/S 1, VDE, insulated pliers Screwdriver (Slim) Plus/Minus PZ/S 2

Stabila: Pocket Electric spirit level, Wooden folding rule type 1607, white

00 20 90 V02
Extension Set Electro 2, 13 parts

Add another 13 brand tools to your collection

KNIPEX: KNIPEX TwinKey®, VDE, insulated pliers High Leverage Diagonal Cutters 200 mm, VDE, insulated pliers, bent, VDE, insulated pliers Cable shears 165 mm, KNIPEX Cobra® 180 mm, KNIPEX ErgoStrip® – Universal Stripping Tool, VDE, insulated pliers Electronic Super Knips, Automatic Insulation Stripper, Crimping Pliers for wire ferrules, VDE, insulated pliers Screwdriver (Slim) Plus/Minus PZ/S 1, VDE, insulated pliers Screwdriver (Slim) Plus/Minus PZ/S 2

Stabila:

> Pocket Electric spirit level, Wooden folding rule type 1607, white



00 20 90 V01



00 20 90 V02

Precision Circlip Pliers Sets

► For internal and external circlips

- > Attractive sales packaging with Euro standard perforation
- > Sturdy plastic retail packaging, also suitable for storage of the pliers
- > Contains popular Precision Circlip Pliers for highest requirements; for internal and external circlips



00 20 03 SB



00 20 04 SB

Part No.	EAN 4003773-					Capacity Ø mm	Tips Ø mm	Quantity	 g
00 20 03 SB	050100	Precision Circlip Pliers Set							685
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1	
			48 11 J2			19.0 – 60.0	1.8	1	
			49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1	
			49 11 A2			19.0 – 60.0	1.8	1	
00 20 04 SB	062417	Precision Circlip Pliers Set							1275
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1	
			48 11 J2			19.0 – 60.0	1.8	1	
		 90°	48 21 J11		DIN 5256 D; 90° angled jaws	12.0 – 25.0	1.3	1	
			48 21 J21			19.0 – 60.0	1.8	1	
			49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1	
			49 11 A2			19.0 – 60.0	1.8	1	
		 90°	49 21 A11		DIN 5254 B; 90° angled jaws	10.0 – 25.0	1.3	1	
			49 21 A21			19.0 – 60.0	1.8	1	

Circlip Pliers Sets

► For internal and external circlips

- > Attractive sales packaging with Euro standard perforation
- > Sturdy plastic retail packaging, also suitable for storage of the pliers
- > Contains common Precision Circlip Pliers for highest requirements; for internal and external circlips



00 20 03 V02



00 20 04 V01

Part No.	EAN 4003773-					Capacity Ø mm	Tips Ø mm	Quantity	 g
00 20 03 V02	077640	Set of Circlip Pliers							450
			44 11 J1	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1	
			44 11 J2			19.0 – 60.0	1.8	1	
			46 11 A1	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1	
			46 11 A2			19.0 – 60.0	1.8	1	
00 20 04 V01	077633	Set of Circlip Pliers							890
			44 11 J1	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1	
			44 11 J2			19.0 – 60.0	1.8	1	
		 90°	44 21 J11		DIN 5256 D; 90° angled jaws	12.0 – 25.0	1.3	1	
			44 21 J21			19.0 – 60.0	1.8	1	
			46 11 A1	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1	
			46 11 A2			19.0 – 60.0	1.8	1	
		 90°	46 21 A11		DIN 5254 B; 90° angled jaws	10.0 – 25.0	1.3	1	
			46 21 A21			19.0 – 60.0	1.8	1	

Tool Roll

empty

- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener
- > Dimensions, open (L x H): 850 x 305 mm



98 99 13 LE

Part No.	EAN 4003773-	Length mm	Height mm	⚖ g
98 99 13 LE	028888	850	305	325

Tool Roll

- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener
- > Equipped with a range of insulated KNIPEX tools for works on electrical installations
- > Dimensions, open (L x H): 850 x 305 mm
- > DIN EN 60900
- > IEC 60900



98 99 13

Part No.	EAN 4003773-					Nominal size	Quantity	⚖ g
98 99 13	026648	Tool Roll						2715
		   	03 07 200	Combination Pliers	200 mm	1		
		   	11 06 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1		
		   	26 17 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1		
		   	70 07 160	Diagonal Cutter	160 mm	1		
		  	95 17 200	Cable Shears with twin cutting edge	Ø 20 mm / 70 mm²	1		
		 	98 00 10	Open-end wrench	10 mm	1		
			98 00 13		13 mm	1		
			98 00 14		14 mm	1		
			98 00 17		17 mm	1		
			98 00 19		19 mm	1		
		  	98 20 25	Screwdrivers for slotted screws	0.4 x 2.5 x 75 mm	1		
			98 20 40		0.8 x 4 x 100 mm	1		
			98 20 55		1.0 x 5.5 x 125 mm	1		
			98 20 65		1.2 x 6.5 x 150 mm	1		
		 	98 52	Cable Knife	190 mm	1		
		98 99 13 LE	028888	Tool Roll empty 15 pockets				

Tool Roll

empty

- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener
- > Dimensions, open (L x H): 450 x 290 mm



00 19 41 LE

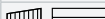
Part No.	EAN 4003773-	Length mm	Height mm	 g
00 19 41 LE	035930	450	290	155

Tool Roll

- > For telecommunications and electrical engineers
- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener
- > Contains eight pliers and three screwdrivers
- > Pliers with chrome-plated heads and two-colour dual component handles
- > Screwdrivers VDE tested according to DIN EN/IEC 60900 1000V
- > Dimensions, open (L x H): 450 x 290 mm



00 19 41

Part No.	EAN 4003773-				Nominal size	Quantity	 g
00 19 41	024729	Tool Roll					1695
			03 05 160	Combination Pliers	160 mm	1	
			11 05 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1	
			25 05 160	Snipe Nose Side Cutting Pliers (Radio Pliers)	160 mm	1	
			30 15 160	Long Nose Pliers	160 mm	1	
			30 35 160		160 mm	1	
			31 15 160	Flat Nose Pliers (Needle-Nose Pliers)	160 mm	1	
			67 05 140	High Leverage End Cutting Nipper	140 mm	1	
			70 05 140	Diagonal Cutter	140 mm	1	
			98 20 25	Screwdrivers for slotted screws	0.4 x 2.5 x 75 mm	1	
			98 20 40		0.8 x 4 x 100 mm	1	
			98 24 01	Screwdriver for cross recessed screws Phillips®	PH1 x 80 mm	1	
00 19 41 LE	035930	Tool Roll empty 13 pockets					

Tool Roll

for pliers wrench

empty

> High-quality tool roll made from durable polyester fabric with hook-and-loop fastener



00 19 55 S4 LE

Part No.	EAN 4003773-	Length mm	Height mm	g
00 19 55 S4 LE	077824	340	40	260
00 19 55 S6 LE	086482	330	20	220

Sets of Pliers Wrenches

► Pliers wrenches from KNIPPEX are ideally suited for the gentle gripping, holding, pressing and bending of workpieces

► Each one replacing an entire set of wrenches

> High-quality tool roll made from durable polyester fabric with hook-and-loop fastener



00 19 55 S4



00 19 55 S6



00 19 55 S7



00 19 55 S11

Part No.	EAN 4003773-				Nominal size	Quantity	 g
00 19 55 S4	077817	Set of Pliers Wrenches					1925
			86 03 125	Mini Pliers Wrench	125 mm	1	
			86 03 150	Pliers Wrench	150 mm	1	
			86 03 180		180 mm	1	
			86 03 250		250 mm	1	
			86 03 300		300 mm	1	
00 19 55 S6	086505	Set of Pliers Wrenches					1030
			86 03 125	Mini Pliers Wrench	125 mm	1	
			86 03 180	Pliers Wrench	180 mm	1	
			86 03 250		250 mm	1	
00 19 55 S7	086512	Set of Pliers Wrenches					1520
			86 03 150	Pliers Wrench	150 mm	1	
			86 03 250		250 mm	1	
			86 03 300		300 mm	1	
00 19 55 S11	092100	Set of Pliers Wrenches					1557
			86 01 180	Pliers Wrench	180 mm	1	
			86 01 250		250 mm	1	
			86 01 300		300 mm	1	
00 19 55 S4 LE	077824	Tool roll for pliers wrenches empty 6 compartments					
00 19 55 S6 LE	086482	Tool roll for pliers wrenches empty 4 compartments					

Tool Roll

for KNIPEX Cobra®

empty

- > High-quality tool roll made from durable polyester fabric
- > With hook-and-loop fastener



00 19 55 S5 LE

Part No.	EAN 4003773-	Length mm	Height mm	⚖ g
00 19 55 S5 LE	082620	440	330	260
00 19 55 S8 LE	086499	330	325	220

KNIPEX Cobra® Sets

- ▶ The KNIPEX Cobra® are the legendary high-tech water pump pliers from KNIPEX
- ▶ With their extremely strong self-locking effect, they allow energy-saving work without slipping on the workpiece

- > High-quality tool roll made from durable polyester fabric with hook-and-loop fastener



00 19 55 S5



00 19 55 S8



00 19 55 S9

Part No.	EAN 4003773-				Nominal size	Quantity	 g
00 19 55 S5	082613	KNIPEX Cobra® Set					1575
			87 01 125	KNIPEX Cobra® High-Tech Water Pump Pliers	125 mm	1	
			87 01 150		150 mm	1	
			87 01 180		180 mm	1	
			87 01 250		250 mm	1	
			87 01 300		300 mm	1	
00 19 55 S8	086529	KNIPEX Cobra® Set					820
			87 01 125	KNIPEX Cobra® High-Tech Water Pump Pliers	125 mm	1	
			87 01 180		180 mm	1	
			87 01 250		250 mm	1	
00 19 55 S9	086536	KNIPEX Cobra® Set					1255
			87 01 150	KNIPEX Cobra® High-Tech Water Pump Pliers	150 mm	1	
			87 01 250		250 mm	1	
			87 01 300		300 mm	1	
00 19 55 S5 LE	082620	Tool roll for KNIPEX Cobra® empty 6 compartments					
00 19 55 S8 LE	086499	Tool roll for KNIPEX Cobra® empty 4 compartments					

Tool Bag

empty

- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener

00 19 56 LE

> 4 compartments

00 19 58 LE

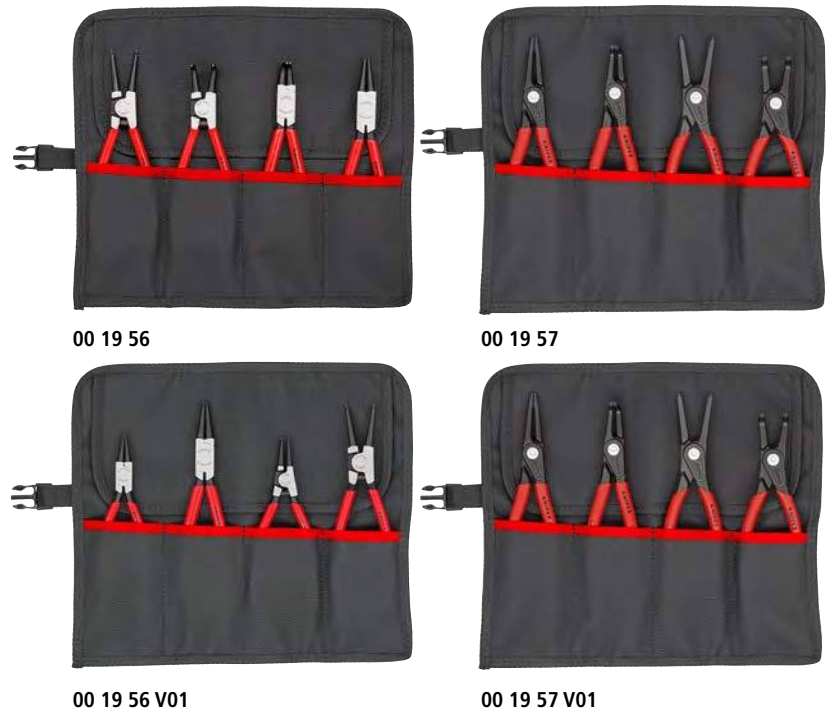
> 8 compartments

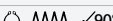


Part No.	EAN 4003773-	Length mm	Height mm	⚖ g
00 19 56 LE	035954	315	275	171
00 19 58 LE	081920	615	235	281

Circlip Pliers Sets

- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener
- > Dimensions, open (L x H): 315 x 275 mm



Part No.	EAN 4003773-					Style	Capacity Ø mm	Tips Ø mm	Quantity	 g
00 19 56	030973	Set of Circlip Pliers								720
			44 11 J2	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	19.0 – 60.0	1.8	1		
			44 21 J21		DIN 5256 D; 90° angled jaws	19.0 – 60.0	1.8	1		
			46 11 A2	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	19.0 – 60.0	1.8	1		
			46 21 A21		DIN 5254 B; 90° angled jaws	19.0 – 60.0	1.8	1		
00 19 56 V01	081548	Set of Circlip Pliers								635
			44 11 J1	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1		
			44 11 J2			19.0 – 60.0	1.8	1		
			46 11 A1	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1		
			46 11 A2			19.0 – 60.0	1.8	1		
00 19 57	050056	Set of Circlip Pliers								725
			48 11 J1	Precision Circlip Pliers for inter- nal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1		
			48 11 J2			19.0 – 60.0	1.8	1		
			49 11 A1	Precision Circlip Pliers for exter- nal circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1		
			49 11 A2			19.0 – 60.0	1.8	1		
00 19 57 V01	081555	Set of Circlip Pliers								885
			48 11 J2	Precision Circlip Pliers for inter- nal circlips in bore holes	DIN 5256 C, straight jaws	19.0 – 60.0	1.8	1		
						48 21 J21	DIN 5256 D; 90° angled jaws	19.0 – 60.0	1.8	
			49 11 A2	Precision Circlip Pliers for exter- nal circlips on shafts	DIN 5254 A; straight jaws	19.0 – 60.0	1.8	1		
						49 21 A21	DIN 5254 B; 90° angled jaws	19.0 – 60.0	1.8	
00 19 56 LE	035954	Tool Bag empty 4 compartments								

Circlip Pliers Sets

8 parts

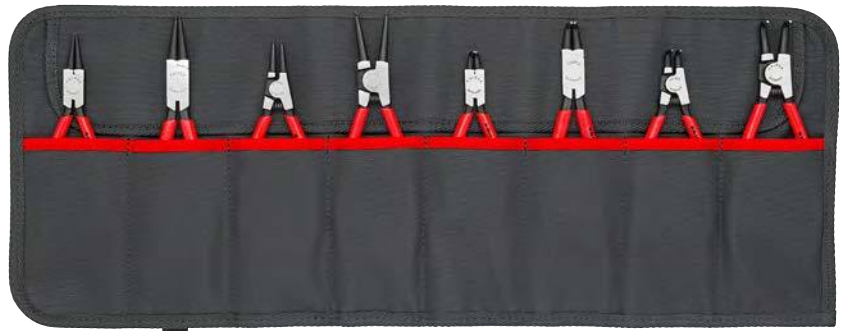
- > High-quality tool roll made from durable polyester fabric
- > With practical, adjustable quick release fastener
- > Dimensions, open (L x H): 610 x 240 mm

00 19 58 V01

- > Eight established models of circlip pliers for internal and external circlips

00 19 58 V02

- > Eight established models of precision circlip pliers for the most demanding requirements
- > For internal and external circlips



00 19 58 V01



00 19 58 V02

Part No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	 g	
00 19 58 V01	081562	Set of Circlip Pliers								1190
			44 11 J1	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1		
			44 11 J2			19.0 – 60.0	1.8	1		
			44 21 J11		DIN 5256 D; 90° angled jaws	12.0 – 25.0	1.3	1		
			44 21 J21			19.0 – 60.0	1.8	1		
			46 11 A1	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1		
			46 11 A2			19.0 – 60.0	1.8	1		
			46 21 A11		DIN 5254 B; 90° angled jaws	10.0 – 25.0	1.3	1		
			46 21 A21			19.0 – 60.0	1.8	1		
		00 19 58 V02	081579	Set of Circlip Pliers						
	48 11 J1			Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1		
	48 11 J2					19.0 – 60.0	1.8	1		
	48 21 J11				DIN 5256 D; 90° angled jaws	12.0 – 25.0	1.3	1		
	48 21 J21					19.0 – 60.0	1.8	1		
	49 11 A1			Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1		
	49 11 A2					19.0 – 60.0	1.8	1		
	49 21 A11				DIN 5254 B; 90° angled jaws	10.0 – 25.0	1.3	1		
	49 21 A21					19.0 – 60.0	1.8	1		
00 19 58 LE	081920			Tool Bag empty 8 compartments						

Tool Roll

for KNIPEX TwinGrip

empty, 4 compartments

- > High-quality tool roll made from durable polyester fabric
- > With hook-and-loop fastener
- > Dimensions, open (L x H): 430 x 325 mm



Part No.	EAN	Length mm	Height mm	 g
00 19 61 LE	4003773-092056	430	325	225

KNIPEX TwinGrip Sets in Tool Roll

- ▶ Gripping, tightening and loosening screws with worn heads and drives
- ▶ Work efficiently due to a unique combination: Front grip and side grip function, box joint, push button adjustment

- > High-quality tool roll made from durable polyester fabric with hook-and-loop fastener
- > Dimensions, open (L x H): 430 x 325 mm



00 19 61 V01



00 19 61 V02

Part No.	EAN				Nominal size	Quantity	g
00 19 61 V01	092063	KNIPEX TwinGrip Slip Joint Pliers Set					950
			82 01 150	KNIPEX TwinGrip Front and side gripping pliers	150 mm	1	
			82 01 200		200 mm	1	
			82 01 250		250 mm	1	
		KNIPEX TwinGrip Slip Joint Pliers Set					714
			82 01 150	KNIPEX TwinGrip Front and side gripping pliers	150 mm	1	
			82 01 250		250 mm	1	
00 19 61 LE	092056	Tool roll for KNIPEX TwinGrip empty					

Tool Roll

for tweezers

> High-quality tool roll made from durable polyester fabric

00 19 92 V01 LE

> 5 compartments

00 19 92 V02 LE

> 7 compartments

Part No.	EAN 4003773-	Width mm	Height mm	Depth mm	Δ g
00 19 92 V01 LE	087229	200	90	30	100
00 19 92 V02 LE	087236	200	90	30	100



Tweezers Sets

5 parts

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

> Five high-quality sets of tweezers: Precision Tweezers, Universal Tweezers, SMD-, ESD, Plastic and Insulated Tweezers
> Two different tool rolls (VDE set with 5 compartments; others with 7 compartments)

92 00 04 Universal Tweezers Set

> Insulated

> DIN EN 60900, IEC 60900

92 00 01 ESD / 92 00 05 ESD

> DIN EN 61340 -5-1



92 00 01 ESD



92 00 04



92 00 05 ESD

Part No.	EAN 4003773-					Quantity	 g
92 00 01 ESD	087038	Universal Tweezers Set ESD					180
			92 28 69 ESD	Universal Tweezers ESD	1		
			92 28 70 ESD		1		
			92 28 71 ESD		1		
			 $\angle 35^{\circ}$		92 38 75 ESD	1	
					92 58 74 ESD	1	
92 00 04	087052	Universal Tweezers Set insulated					275
		 $\triangle 1000V$	92 27 61	Universal Tweezers insulated	1		
		 $\triangle 1000V$	92 27 62		1		
		 $\triangle 1000V$ $\angle 30^{\circ}$	92 37 64		1		
			92 47 01		1		
		 $\triangle 1000V$	92 67 63		1		
92 00 05 ESD	087069	Plastic Tweezers Set ESD					120
			92 09 01 ESD	Plastic Tweezers ESD	1		
			92 09 02 ESD		1		
			 $\angle 45^{\circ}$		92 09 03 ESD	1	
					92 09 04 ESD	1	
					92 09 05 ESD	1	

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"	Tool Case "BIG Twin Move"	
Part No.		00 21 50 LE P. 294	00 21 05 LE P. 298	00 21 06 LE P. 300	00 21 42 LE P. 306	00 21 41 LE P. 308	
Internal dimensions (W x H x D)		–	440 x 350 x 180 mm	480 x 350 x 200 mm	490x370x110/100 mm	490x370x110/100 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	520 x 435 x 290 mm	
Inserting options		58	41	54	95	95	
Capacity		21.5 l	27 l	33 l	38 l	38 l	
Max. payload		18 kg	15 kg	20 kg	25 kg	30 kg	
Weight		2,900 g	4,500 g	6,200 g	7,200 g	8,600 g	
Transport	Trolley function		–	✓	–	✓	
	Carrying handle		✓	✓	✓	✓	
	Shoulder strap		–	–	–	–	
Compartmentments	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 "Robust23"	Tool Case "Robust26 Move"	Tool Case "Robust34"	Tool Case "Robust45 Move"	KNIPEX L-BOXX®
	00 21 35 LE P. 312	00 21 33 LE P. 312	00 21 36 LE P. 312	00 21 37 LE P. 312	00 21 19 LB P. 328
	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
	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
	49	80	93	147	48
	23 l	26,4 l	34 l	45 l	14.7 l
	25 kg	25 kg	25 kg	35 kg	25 kg
	4,800 g	7,000 g	7,100 g	9,940 g	2,965 g
	–	✓	–	✓	–
	✓	✓	✓	✓	✓
	✓	–	✓	–	–
	✓	✓	✓	✓	–
	–	–	–	–	–
	✓ -30°/+80°	✓ -30°/+80°	✓ -30°/+80°	✓ -30°/+80°	–
	✓	✓	✓	✓	–
	✓	✓	✓	✓	–
	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓
	–	–	–	–	–
	✓	✓	✓	✓	–
	–	✓	✓	–	–

Tool Backpack Modular X18

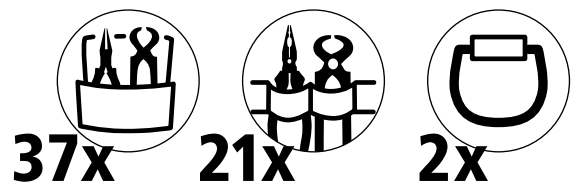
empty

- Fits you and your tools: practical and comfortable due to fully hinged front and back, removable tool board and padding for your back
- As individual as you are: Optimal flexibility due to innovative FIDLOCK® connectors and MOLLE webbing
- Fit for any challenge: with two separate inner compartments for tools, measuring instruments, notebook or tablet
- Max. payload: 18 kg
- Volume: 21.5 litres

- > Durable fabric made of sustainable recycled synthetic fibers, splash-proof and easy to clean
- > Waterproof molded bottom made of impact-resistant plastic for a secure upright position when opened and closed, 6 cm high
- > One MOLLE strap on the inside and four MOLLE straps on the outside for attaching any adapters, carabiners and accessories
- > FIDLOCK® connections are fastened or unfastened in no time at all
- > A total of 21 retaining loops and 37 pockets, some with zips
- > Luggage strap for fixing to telescopic handles of tool cases
- > 53 x 34 x 21 cm (H x W x D), empty weight 2.9 kg, tested load capacity up to 18 kg



Over 50 tool holders, you can store up to 18 kg of tools neatly, reliably and always within easy reach.



Part No.	EAN	Exterior width mm	Exterior height mm	Exterior depth mm	g
00 21 50 LE	4003773-089056	340	530	210	2900

Module Bag

empty

- > Divided into a main compartment and a separate inside pocket at the back
- > With two sturdy fabric straps for fastening to the MOLLE straps of the 00 21 50 KNIPEX Modular X18 tool
- > Can also be used as a belt pouch
- > Ideal for consumables (bootlace ferrules, screws, etc.)
- > Dimensions: 190 x 135 x 40 mm



00 19 50 LE

Part No.	EAN	Exterior width mm	Exterior height mm	Exterior depth mm	g
00 19 50 LE	090076	190	135	40	116

Adapters Set

- > Set with 4 module adapters: 2x with D-ring, 2x with two rubber loops
- > Each with two sturdy fabric straps for fastening to the MOLLE straps of the 00 21 50 KNIPEX Modular X18 tool
- > Additional attachment points: The practical rucksack buckles enable you to individually attach numerous items, e.g. key rings



00 21 50 V01

Part No.	EAN	Width mm	Height mm	Depth mm	g
00 21 50 V01	074656	50	5	20	26



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

For further benefits of the backpack, see page 294–295

00 21 50 S



Contents

00 11 01 KNIPEX		70 06 160 KNIPEX	
08 26 185 KNIPEX		78 06 125 KNIPEX	
12 52 195 KNIPEX		90 22 10 KNIPEX	
13 86 200 KNIPEX		97 53 14 KNIPEX	
16 95 01 KNIPEX		98 25 01 SL KNIPEX	
26 26 200 KNIPEX		98 25 02 SL KNIPEX	

Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 50 E	089063	Tool backpack Modular X18 Electric			6600
		00 11 01 KNIPEX TwinKey® Control Cabinet Keys	92 mm	1	
		08 26 185 Needle-Nose Combination Pliers	185 mm	1	
		12 52 195 KNIPEX PreciStrip 16 Automatic Insulation Stripper	0.08 – 16 mm ²	1	
		13 86 200 Pliers for Electrical Installation	Ø 15 mm / 50 mm ²	1	
		16 95 01 SB KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1	
		26 26 200 Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		70 06 160 Diagonal Cutter	160 mm	1	
		78 06 125 Electronic Super Knips VDE	125 mm	1	
		90 22 10 BK KNIPEX BiX Cutter for plastic pipes and sealing sleeves	72 mm	1	
		97 53 14 Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 16 mm ²	1	
		98 20 35 SL Screwdriver (Slim) for slotted screws	0.6 x 3.5 x 100 mm	1	
		98 20 55 SL Screwdriver (Slim) for slotted screws	1.0 x 5.5 x 125 mm	1	
		98 25 01 SL Screwdriver (Slim) for cross-recessed screws Pozidriv®	PZ1 x 80 mm	1	
		98 25 01 SLS Screwdriver (Slim) Plus/Minus Pozidriv®	PZ/S1 x 80 mm	1	
		98 25 02 SL Screwdriver (Slim) for cross-recessed screws Pozidriv®	PZ2 x 100 mm	1	
		98 52 Cable Knife	190 mm	1	
		Wooden folding rule type 1607, white	2000 mm	1	
		Set of hex key wrenches	1.5 – 10 mm	1	
		Deep hole marker		1	
		Locksmith's hammer	300 g	1	
		Pocket Electric mini spirit level	68 mm	1	
		Spirit level type 70	30 cm	1	

00 21 50 LE	089056	KNIPEX Modular X18 Tool backpack empty
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Tool Backpack Modular X18 Plumbing

17 parts

- Equipped with 12 KNIPEX tools, a total of 17 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the backpack, see page 294–295

00 21 50 S



Contents

00 11 01 KNIPEX		90 31 02 KNIPEX					
74 06 180 KNIPEX		90 22 10 KNIPEX					
86 03 300 KNIPEX		98 24 01 SL KNIPEX					
87 01 180 KNIPEX		98 24 02 SL KNIPEX		KNIPEX			
87 01 300 KNIPEX		98 20 35 SL KNIPEX		Wera 9 parts		Picard	
90 10 165 KNIPEX		98 20 55 SL KNIPEX		Lyra		Stabila	

Part No.	EAN 4003773-			Nominal size	Quantity	g
00 21 50 S	089070	Tool backpack Modular X18 Plumbing				6550
			00 11 01	KNIPEX TwinKey® Control Cabinet Keys	92 mm	1
			74 06 180	High Leverage Diagonal Cutter	180 mm	1
			86 03 300	Pliers Wrench	300 mm	1
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1
			87 01 300		300 mm	1
			90 10 165 BK		165 mm	1
			90 22 10 BK		72 mm	1
			90 31 02 SB	KNIPEX TubiX® Pipe cutter	180 mm	1
			98 20 35 SL		0.6 x 3.5 x 100 mm	1
			98 20 55 SL		1.0 x 5.5 x 125 mm	1
			98 24 01 SL		PH1 x 80 mm	1
			98 24 02 SL	KNIPEX	PH2 x 100 mm	1
					2000 mm	1
					Set of hex key wrenches	1
					Deep hole marker	1
				Wera	1.5–10 mm	1
				Lyra		1
				Picard	300 g	1
				Stabila	30 cm	1
					Spirit level type 70	1
00 21 50 LE	089056	KNIPEX Modular X18 Tool backpack empty				

Tool Case "Basic"

empty

- ▶ With a total of 41 inserting options
- ▶ Max. payload: 15 kg
- ▶ Volume: 27 litres

- > Strong, ergonomic handle
- > Heavy duty ABS material, black
- > Circumferential aluminium frame
- > Metal hinges
- > Document compartment in the cover
- > Two removable tool boards made of dirt-repellent PP twin-wall sheets with 21 tool pockets
- > Base tray, can be fixed by press button, height 50 mm, can be subdivided by inserts; cover plate with 12 large compartments and a flat compartment
- > Two metal tilting locks and three-digit combination lock for secure closing of the lid
- > Label field with two stickers for individual labelling



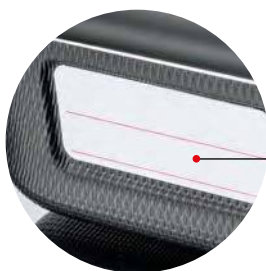
Tool boards made from dirt-repellent PP twin-wall sheets



00 21 05 LE
Case without tools



Two metal flip locks



Label field for individual labelling



Three-digit combination lock



Base tray with separable inserts



Part No	EAN	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	g
00 21 05 LE	4003773-056904	465 (440)	410 (350)	200 (180)	4500

Tool Case "Basic" E-Mobility

34 parts

- Fit for EVs: most important VDE-tested tools and accessories neatly organised in a tool case
- Insulated tools and accessories for all work on EVs
- Complete basic EV equipment with pliers, open-ended spanner and ratchet set

- > 29 insulated tools and 1 pair of insulating gloves
- > Tool Case "Basic" 00 21 05 with foam insert for 3/8" reversible ratchet set
- > Colour coding in foam insert indicates places for removed sockets
- > For garages and companies that service EVs / their own vehicle fleets

For further benefits of the case, see page 298



00 21 05 EV

Part No.	EAN 4003773-			Nominal size	Quantity	g
	089025	Tool Case "Basic" E-Mobility				7500
		26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		70 06 160	Diagonal Cutter	160 mm	1	
		86 06 250	Pliers Wrench	250 mm	1	
				8 mm	1	
				9 mm	1	
		98 00 10	Open-end wrench	10 mm	1	
				11 mm	1	
				12 mm	1	
				13 mm	1	
		98 20 35	Screwdrivers for slotted screws	0.6 x 3.5 x 100 mm	1	
				1.2 x 6.5 x 150 mm	1	
			Screwdriver for cross recessed screws Phillips®	PH1 x 80 mm	1	
				PH2 x 100 mm	1	
				PH3 x 150 mm	1	
			KNIPEX Socket 3/8" for TX25	3/8" / TX25	1	
			KNIPEX Socket 3/8" for TX27	3/8" / TX27	1	
			KNIPEX Socket 3/8" for TX30	3/8" / TX30	1	
			KNIPEX Socket 3/8" for TX40	3/8" / TX40	1	
			KNIPEX Socket 3/8" for TX45	3/8" / TX45	1	
			KNIPEX Socket 3/8" for TX50	3/8" / TX50	1	
		98 31	Revers. ratchet with driving square 3/8"	3/8"	1	
			Extension bar with internal/external square 3/8"	3/8"	1	
				3/8"	1	
				3/8"	1	
				10 mm	1	
			Hexagon Socket for hexagonal screws with internal square 3/8"	11 mm	1	
				12 mm	1	
				13 mm	1	
				13 mm	1	
		98 62 01	Plastic Flat Nose Pliers insulating	180 mm	1	
		98 62 02	Plastic Snipe Nose Pliers insulating	220 mm	1	
		98 65 41	Insulating gloves insulated	410 mm	1	
			Self-clamping slip-on cap	Ø 40 mm	1	
				Ø 45 mm	1	
				Ø 60 mm	1	

00 21 05 LE 056904 Tool Case "Basic" empty

Tool Case "BIG Basic Move"

empty

- ▶ With a total of 54 inserting options
- ▶ Max. payload: 20 kg
- ▶ Volume: 33 litres

- > Strong, ergonomic handle
- > Heavy duty ABS material, black
- > Circumferential aluminium frame
- > Metal hinges
- > Document compartment in the cover
- > Two removable tool boards made of dirt-repellent PP twin-wall sheets with 31 tool pockets
- > First tool board with ten tool pockets and an elastic strap on the cover side and eleven narrow and one large tool pocket on the base side
- > Second tool board with ten tool pockets and an elastic strap on the base side and a document compartment on the cover side
- > Base tray, can be fixed by a push button, 70 mm high, can be subdivided by inserts, cover board with 14 large tool pockets
- > Telescopic handle set in the base as well as two external, smooth-running skater wheels
- > Two metall tilting locks and three-digit combination lock for secure closing of the lid
- > Label field with two stickers for individual labelling



Tool boards made from dirt-repellent PP twin-wall sheets



00 21 06 LE
Case without tools



Base tray with separable inserts



Extendable telescopic handle



Smooth-running skater wheels



Part No	EAN	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	g
00 21 06 LE	4003773-057512	515 (480)	430 (350)	280 (200)	6200

Tool Case "BIG Basic Move" Electric

24 parts

- Equipped with six KNIPEX tools, a total of 24 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 300



Contents

03 06 180 KNIPEX							
26 16 200 KNIPEX		98 52 KNIPEX		Maurerfreund		Ruthe	
11 06 160 KNIPEX		Wera 8 x		Rennsteig		Picard	
70 06 160 KNIPEX		Wera		Rennsteig		Picard	
16 20 165 KNIPEX		Haunstätter		Ruthe		Stabila	

Part No.	EAN					Nominal size	Quantity	g
00 21 06 HL S	4003773-084235	Tool Case "BIG Basic Move" Electric						10290
			03 06 180	Combination Pliers	KNIPEX	180 mm	1	
			11 06 160	Insulation Stripper with opening spring, universal		Ø 5.0 mm / 10.0 mm²	1	
			16 20 165 SB	Stripping Tool with scalpel blade		Ø 8.0 – 28.0 mm	1	
			26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
			70 06 160	Diagonal Cutter		160 mm	1	
			98 52	Cable Knife		190 mm	1	
				Voltage detector, single-pole 247	Wera	0.5 x 3.0 x 70 mm	1	
				Screwdrivers for slotted screws 1160 i		0.4 x 2.5 x 80 mm	1	
						0.6 x 3.5 x 100 mm	1	
						1.0 x 5.5 x 125 mm	1	
						1.2 x 6.5 x 150 mm	1	
				Screwdrivers for cross recessed Phillips® screws 1162 i		PH1 x 80 mm	1	
						PH2 x 100 mm	1	
				Screwdrivers for cross recessed Pozidriv® screws 1165 i		PZ1 x 80 mm	1	
						PZ2 x 100 mm	1	
				PUK® Junior Hacksaw	Haunstetter	150 x 240 mm	1	
				Painter's spatula 40 mm, wood, high quality	Maurerfreund	40 mm	1	
				Flat brush	Picard	40 mm	1	
				Plaster bowl		127 x 94	1	
				Mason's Chisels	Rennsteig	250 mm	1	
				Electrician's Chisel		250 x 10 mm	1	
				Locksmith's hammer, 300 g	Ruthe	300 g	1	
				Sledge hammer		1000 g	1	
				Carpenter's pencil	Stabila		1	

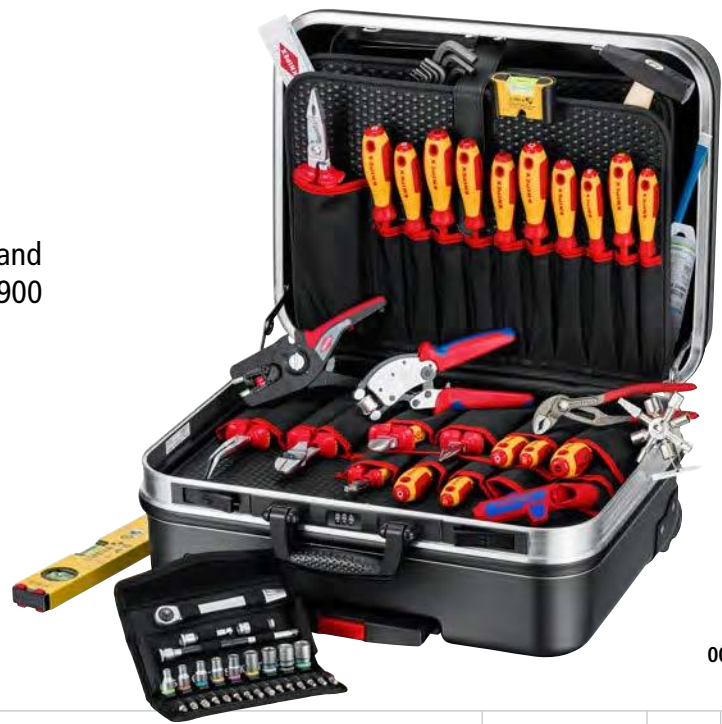
00 21 06 LE	057512	Tool Case "BIG Basic Move" empty
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Tool Case "BIG Basic Move" ElectricPlus

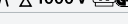
71 parts

- Equipped with 27 KNIPEX tools, a total of 71 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 300



00 21 06

Part No.	EAN					Nominal size	Quantity	g
00 21 06	086260	Tool Case "BIG Basic Move" ElectricPlus						11590
			00 11 01	KNIPEX TwinKey® Control Cabinet Key		92 mm	1	
		 	08 26 145	Needle-Nose Combination Pliers		145 mm	1	
			12 52 195	KNIPEX PreciStrip16 Automatic Insulation Stripper		0.08 – 16 mm²	1	
		 	13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm²	1	
			16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
		 	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
			70 06 160	Diagonal Cutter		160 mm	1	
			74 06 200	High Leverage Diagonal Cutter		200 mm	1	
		 	78 06 125	Electronic Super Knips VDE		125 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers		180 mm	1	
			97 53 18	KNIPEX Twistor16® Self-Adjusting Crimping Pliers for wire ferrules		0.14 – 16 mm²	1	
			98 20 25	Screwdrivers for slotted screws	KNIPEX	0.4 x 2.5 x 75 mm	1	
			98 20 35 SL			0.6 x 3.5 x 100 mm	1	
			98 20 40 SL	Screwdriver (Slim) for slotted screws		0.8 x 4 x 100 mm	1	
			98 20 55 SL			1.0 x 5.5 x 125 mm	1	
			98 24 01 SL	Screwdriver (Slim) for cross-recessed screws Phillips®		PH1 x 80 mm	1	
			98 24 02 SL			PH2 x 100 mm	1	
			98 25 01	Screwdriver for cross recessed screws Pozidriv®		PZ 1	1	
			98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ1 x 80 mm	1	
			98 25 01 SLS	Screwdriver (Slim) Plus/Minus Pozidriv®		PZ/S1 x 80 mm	1	
			98 25 02 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ2 x 100 mm	1	
			98 25 02 SLS	Screwdriver (Slim) Plus/Minus Pozidriv®		PZ/S2 x 100 mm	1	
			98 26 10			TX10	1	
			98 26 15			TX15	1	
			98 26 20	Screwdrivers for Torx® screws		TX20	1	
			98 26 25			TX25	1	
			98 26 30			TX30	1	
				Wooden folding rule type 1607, white		2000 mm	1	
				Set of hex key wrenches	Wera	1.5 – 10 mm	1	
				8100 SA 8 Zyklop set of metal ratchets 28 parts		1/4"	1	
				Locksmith's hammer	Picard	300 g	1	
				Spirit Level Type 70 Electric	Stabila	430 mm	1	
				Pocket Electric mini spirit level		68 mm	1	
				Electrician's Chisel	Rennsteig	250 x 10 mm	1	
				PCS-Chisels for electric hammersSDS plus 3 parts			1	

00 21 06 LE 057512 Tool Case "BIG Basic Move" empty

Tool Case "BIG Basic Move" Plumbing

31 parts

- Equipped with four KNIPEX tools, a total of 31 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 300



00 21 06 HK 5

Contents

70 06 160 KNIPEX		Wera 5 x		Picard		Ruthe	
86 03 250 KNIPEX		Wera 9 parts		Picard		Stabila	
88 01 250 KNIPEX		Haunstätter		Picard		Stabila	
88 01 300 KNIPEX		Heyco		Picard		Zenten	
KNIPEX		Heyco		Rennsteig			

Part No.	EAN 4003773-					Nominal size	Quantity	g
00 21 06 HK S	084266	Tool Case "BIG Basic Move" Plumbing						10855
			70 06 160	Diagonal Cutter	KNIPEX	160 mm	1	
			86 03 250	Pliers Wrench		250 mm	1	
			88 01 250	KNIPEX Alligator® Water Pump Pliers		250 mm	1	
			88 01 300			300 mm	1	
				Wooden folding rule type 1607, white		2000 mm	1	
				Set of hex key wrenches	Wera	1.5–10 mm	1	
				Screwdrivers for slotted screws 1160 i		0.6 x 3.5 x 100 mm	1	
						1.0 x 5.5 x 125 mm	1	
						1.2 x 6.5 x 150 mm	1	
				Screwdrivers for cross recessed Phillips® screws 1162 i		PH1 x 80 mm	1	
					PH2 x 100 mm	1		
				PUK® Junior Hacksaw	Haunstetter	150 x 240 mm	1	
				Cutter	Heyco	18 mm	1	
				Express key		M 10	1	
				Flat brush	Picard	40 mm	1	
				Steel wire brush, 5-row		280 mm	1	
				Plaster bowl		127 x 94	1	
				Flat brush		40 mm	1	
				Electrician's Chisel	Rennsteig	250 x 10 mm	1	
				Locksmith's hammer, 300 g	Ruthe	300 g	1	
				Carpenter's pencil	Stabila		1	
				Spirit level type 70		30 cm	1	
				Pipe cutter	Zenten	3–35 mm / 1/8–1 1/2"	1	
00 21 06 LE	057512	Tool Case "BIG Basic Move" empty						

00 21 06 LE	057512	Tool Case "BIG Basic Move" empty
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Tool Case "BIG Basic Move" Mechanic

90 parts

- Equipped with 12 KNIPEX Tools, a total of 90 brand tools

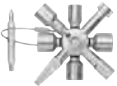
For further benefits of the case, see page 300



00 21 06 M

Part No.	EAN 4003773-					Nominal size	Quantity	 g
00 21 06 M	086222	Tool Case "BIG Basic Move" Mechanic						12800
			00 11 01	KNIPEX TwinKey® Control Cabinet Key	KNIPEX	92 mm	1	
			16 20 50 SB	Folding Knife for Electricians		120 mm	1	
			16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0– 13.0 mm	1	
			26 12 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
			26 22 200			200 mm	1	
			70 02 160	Diagonal Cutter		160 mm	1	
			71 31 200	KNIPEX CoBolt® Compact Bolt Cutter		Ø 5.2 mm	1	
			74 02 200	High Leverage Diagonal Cutter		200 mm	1	
			78 61 140	Electronic Super Knips XL		140 mm	1	
			86 01 250	Pliers Wrench		250 mm	1	
			87 01 250	KNIPEX Cobra® High-Tech Water Pump Pliers		250 mm	1	
				Wooden folding rule type 1607, white		2000 mm	1	
				Set of hex key wrenches	1.5– 10 mm	1		
				8100 SA 8 Zyklop set of metal ratchets 28 parts	1/4"	1		
				Screwdriver for slotted screws 335	0.6 x 3.5 x 100 mm	1		
					0.8 x 4.0 x 100 mm	1		
					1.0 x 5.5 x 100 mm	1		
				Slotted chisel slotted screws 932 A	1.2 x 7.0 x 125 mm	1		
					1.6 x 9.0 x 150 mm	1		
				Screwdriver for Phillips® screws 917 SPH	PH2 x 100 mm	1		
				Screwdriver for Phillips® screws 350 PH	PH1 x 80 mm	1		
					PH3 x 150 mm	1		
				Screwdriver for Pozidriv® screws 355 PZ	PZ1 x 80 mm	1		
					PZ2 x 100 mm	1		
					PZ3 x 150 mm	1		
				Micro screwdrivers for slotted screws 2035	0.4 x 2.5 x 80 mm	1		
					0.23 x 1.5 x 60 mm	1		
				Micro screwdrivers for cross recessed Phillips® screws 2050 PH	PH0 x 60 mm	1		
					PH00 x 60 mm	1		
				TORX® Screwdriver 367	TX10 x 80	1		
					TX15 x 80	1		
					TX20 x 100	1		
					TX25 x 100	1		
					TX30 x 115	1		
				Combination wrench sets	Heyco	6/8/10/11/12/13/14/15/16/17/18/19 mm	1	
		Locksmith's hammer	Picard	300 g	1			
		Pin punch set	Rennsteig	Ø 3 mm/4 mm/5 mm/6 mm/8 mm/10 mm	1			
		Automatic punch		130 mm	1			
		Spirit level type 70TM	Stabila	22 cm	1			
00 21 06 LE	057512	Tool Case "BIG Basic Move" empty						

Contents

00 11 01 KNIPEX		70 02 160 KNIPEX		87 01 250 KNIPEX		Heyco	
16 20 50 KNIPEX		71 31 200 KNIPEX		KNIPEX		Picard	
16 95 01 KNIPEX		74 02 200 KNIPEX		Wera 9 parts		Rennsteig	
26 12 200 KNIPEX		78 61 140 KNIPEX		Wera 28 parts		Rennsteig	
26 22 200 KNIPEX		86 01 250 KNIPEX		Wera 22 x		Stabila	



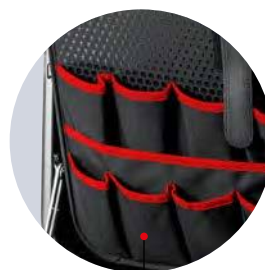
Tool Case "BIG Twin"

empty

- ▶ With a total of 95 inserting options
- ▶ Max. payload: 25 kg
- ▶ Volume: 38 litres

- > Free-standing in all opening positions due to snap-in cover holders with hinge mechanism on both sides, angle freely adjustable
- > Can be opened from one or both sides; bottom and lid can be opened independently of each other
- > Label field with two stickers for individual labelling
- > Heavy duty ABS material, black
- > Circumferential aluminium frame with securely mounted, sturdy centre wall that can be fitted on both sides, with versatile inserting options due to elasticated loops and twelve small pockets
- > Metal hinges
- > Three-digit combination lock for secure locking of the case
- > Two metal tilt locks each for fixing the cover and the base
- > Removable document compartment and removable tool board made from dirt-repelling twin-wall PP sheets with 13 tool pockets
- > Base tray, can be fixed by press button, height 58 mm, can be subdivided by flexible inserts; cover plate with six large compartments

Everything at hand due to intelligent layout



00 21 42 LE
Case without tools



Can be opened from both sides, large storage space with numerous Tool Bags



Base tray with handy, robust aluminium dividing bars



Part No	EAN	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	 g
00 21 42 LE	4003773-084211	520 (490)	435 (370)	250 (110/100)	7200

Tool Case "BIG Twin" Electric

66 parts

- Equipped with 14 KNIPEX tools, a total of 66 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 306



00 21 42

Contents

00 11 01 KNIPEX							
08 26 145 KNIPEX		70 06 160 KNIPEX		98 52 KNIPEX		Picard	
12 52 195 KNIPEX		74 06 200 KNIPEX		98 2X XX SL 2 X KNIPEX		Stabila	
13 86 200 KNIPEX		86 03 180 KNIPEX		Wera 16 parts		Stabila	
16 95 01 KNIPEX		87 01 180 KNIPEX		Wera 28 parts		Rennsteig	
26 26 200 KNIPEX		97 53 04 KNIPEX		Wera		Rennsteig	

Part No.	EAN 4003773-				Nominal size	Quantity	g
00 21 42	084228	Tool Case "BIG Twin" Electric					11550
	074670		00 11 01	KNIPEX TwinKey® Control Cabinet Key	92 mm	1	135
	079361		08 26 145	Needle-Nose Combination Pliers	145 mm	1	145
	085829		12 52 195	KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08 – 16 mm²	1	180
	085997		12 52 195 SB	KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08 – 16 mm²	1	180
	075097		13 86 200	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1	272
	079927		16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1	75
	022855		26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	204
	021995		70 06 160	Diagonal Cutter	160 mm	1	216
	033820		74 06 200	High Leverage Diagonal Cutter	200 mm	1	304
	035466		86 03 180	Pliers Wrench	180 mm	1	230
	022015		87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1	170
	028017		97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	1	459
	079712		98 20 35 SL	Screwdriver (Slim) for slotted screws	0.6 x 3.5 x 100 mm	1	35
	079774		98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®	PZ1 x 80 mm	1	56
	035565		98 52	Cable Knife	190 mm	1	112
				Joker open-end wrench	10 x 13 mm	1	
				8100 SA 8 Zyklop set of metal ratchets 28 parts	1/4"	1	
				Kraftform Compact VDE 16 Slim		1	
				Locksmith's hammer		1	
				Spirit Level Type 70 Electric		1	
				Pocket Electric mini spirit level		1	
				Electrician's Chisel		1	
				PCS-Chisels for electric hammers		1	
				SDS plus 3 parts		1	
00 21 42 LE	084211	Tool Case "BIG Twin" empty					

Tool Case "BIG Twin Move"

empty

with integrated wheels and telescopic handle

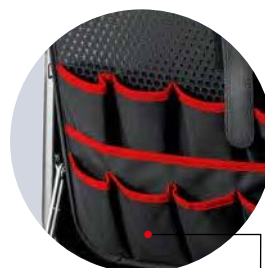
► With a total of 95 inserting options

► Max. payload: 30 kg

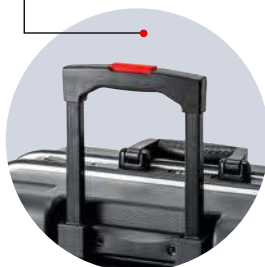
► Volume: 38 litres

- > Base tray, can be fixed by a push button, 70 mm high, can be subdivided by inserts, cover board with 13 tool pockets
- > Free-standing in all opening positions due to snap-in cover holders with hinge mechanism on both sides, angle freely adjustable
- > Removable document compartment and removable tool boards made from dirt-repellent PP twin-wall sheets with 13 tool pockets
- > Label field with two stickers for individual labelling
- > Telescopic handle set in the base as well as two external, smooth-running skater wheels
- > Heavy duty ABS material, black
- > Circumferential aluminium frame with securely mounted, sturdy centre wall that can be fitted on both sides, with versatile inserting options due to elasticated loops and twelve small pockets
- > Metal hinges
- > Three-digit combination lock for secure locking of the case
- > Two metal tilt locks each for fixing the cover and the base
- > Can be opened from one or both sides; bottom and lid can be opened independently of each other

Everything at hand due to intelligent layout



00 21 41 LE
Case without tools



Extendable
telescopic handle



Smooth-running
skater wheels



Base tray with handy, robust
aluminium dividing bars



"BIG Twin Move RED"
see page 310



Part No	EAN	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	g
00 21 41 LE	4003773-071549	520 (490)	435 (370)	290 (110/100)	8600

Tool Case "BIG Twin Move" Electric

66 parts

- Equipped with 14 KNIPEX tools, a total of 66 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 308



Contents

00 11 01 KNIPEX								00 21 41
08 26 145 KNIPEX		70 06 160 KNIPEX		98 52 KNIPEX		Picard		
12 52 195 KNIPEX		74 06 200 KNIPEX		98 2X XX SL 2 x KNIPEX		Stabila		
13 86 200 KNIPEX		86 03 180 KNIPEX		Wera 16 parts		Stabila		
16 95 01 KNIPEX		87 01 180 KNIPEX		Wera 28 parts		Rennsteig		
26 26 200 KNIPEX		97 53 04 KNIPEX		Wera		Rennsteig		

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	KNIPEX	92 mm	1	
		08 26 145	Needle-Nose Combination Pliers		145 mm	1	
		12 52 195	KNIPEX PreciStrip 16 Automatic Insulation Stripper		0.08 - 16 mm²	1	
		13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm²	1	
		16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
		26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		70 06 160	Diagonal Cutter		160 mm	1	
		74 06 200	High Leverage Diagonal Cutter		200 mm	1	
		86 03 180	Pliers Wrench		180 mm	1	
		87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers		180 mm	1	
		97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access		0.08 – 10 + 16 mm²	1	
		98 20 35 SL	Screwdriver (Slim) for slotted screws		0.6 x 3.5 x 100 mm	1	
		98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ1 x 80 mm	1	
		98 52	Cable Knife		190 mm	1	
			Kraftform Compact VDE 16 Slim	Wera		1	
			8100 SA 8 Zyklop set of metal ratchets 28 parts		1/4"	1	
			Joker open-end wrench		10 x 13 mm	1	
			Locksmith's hammer	Picard	300 g	1	
			Spirit Level Type 70 Electric	Stabila	430 mm	1	
			Pocket Electric mini spirit level		68 mm	1	
			Electrician's Chisel	Rennsteig	250 x 10 mm	1	
			PCS-Chisels for electric hammers			1	

00 21 41 LE 071549 Tool Case "BIG Twin Move" empty

Tool Case "BIG Twin Move RED"

empty

► With a total of 95 inserting options

► Max. payload: 30 kg

► Volume: 38 litres

- > Telescopic handle set in the base as well as two external, smooth-running skater wheels
- > Free-standing in all opening positions due to snap-in cover holders with hinge mechanism on both sides, angle freely adjustable
- > Can be opened from one or both sides; bottom and lid can be opened independently of each other
- > Label field with two stickers for individual labelling
- > Circumferential aluminium frame with securely mounted, sturdy centre wall that can be fitted on both sides, with versatile inserting options due to elasticated loops and twelve small pockets
- > Metal hinges
- > Three-digit combination lock for secure locking of the case
- > Two metal tilt locks each for fixing the cover and the base
- > Removable document compartment and removable tool board made from dirt-repelling twin-wall PP sheets with 13 tool pockets
- > Base tray, can be fixed by press button, height 58 mm, can be subdivided by flexible inserts; cover plate with six large compartments
- > Dimensions, exterior (W x H x D): 520 x 435 x 290 mm; dimensions, interior (W x H x D): 490 x 370 x 110/100 mm



98 99 15 LE



Part No.	EAN 4003773-	Exterior width mm	Exterior height mm	Exterior depth mm	g
98 99 15 LE	084334	520 (490)	435 (370)	290 (110)	8600

Tool Case "BIG Twin Move RED" Electric Competence

- Hard-wearing ABS material construction, red; equipped with a range of KNIPEX tools for working on systems, tested according to DIN EN/IEC 60900



98 99 15

Contents

70 06 160 KNIPEX		98 00 XX 6 x KNIPEX		98 64 02 6 x KNIPEX		98 24 XX SL 2 x KNIPEX	
08 26 145 KNIPEX		98 01 XX 6 x KNIPEX		98 20 25 KNIPEX		98 52 KNIPEX	
11 06 160 KNIPEX		98 41 KNIPEX		98 20 XX SL 3 x KNIPEX		98 53 03 KNIPEX	
87 26 250 KNIPEX		98 45 XXX 2 x KNIPEX		98 25 XX SL 2 x KNIPEX			
95 16 200 KNIPEX		98 47 XX 9 x KNIPEX		98 25 02 SLS KNIPEX			

Part No.	EAN 4003773-				Nominal size	Quantity	g
98 99 15	084341	Tool Case "BIG Twin Move RED" Electric Competence					15095
		  	08 26 145	Needle-Nose Combination Pliers	145 mm	1	
		  	11 06 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1	
		  	70 06 160	Diagonal Cutter	160 mm	1	
		  	95 16 200	Cable Shears with twin cutting edge	Ø 20 mm / 70 mm²	1	
		 	98 00 10	Open-end wrench	10 mm	1	
			98 00 13		13 mm	1	
			98 00 14		14 mm	1	
			98 00 17		17 mm	1	
			98 00 19		19 mm	1	
			98 00 22		22 mm	1	
			98 01 10	Box Wrench	10 mm	1	
			98 01 13		13 mm	1	
			98 01 14		14 mm	1	
			98 01 17		17 mm	1	
			98 01 19		19 mm	1	
			98 01 22		22 mm	1	
		  	98 20 25	Screwdrivers for slotted screws	0.4 x 2.5 x 75 mm	1	
			98 20 40 SL	Screwdriver (Slim) for slotted screws	0.8 x 4 x 100 mm	1	
			98 20 55 SL		1.0 x 5.5 x 125 mm	1	
			98 20 65 SL		1.2 x 6.5 x 150 mm	1	
		  	98 24 01 SL	Screwdriver (Slim) for cross-recessed screws Phillips®	PH1 x 80 mm	1	
			98 24 02 SL		PH2 x 100 mm	1	
		  	98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®	PZ1 x 80 mm	1	
			98 25 02 SL		PZ2 x 100 mm	1	
		  	98 25 02 SLS	Screwdriver (Slim) Plus/Minus Pozidriv®	PZ/S2 x 100 mm	1	
		 	98 41	Revers. ratchet with driving square 1/2"		1	
			98 45 125	Extension bar with internal/external square 1/2"	+ 125 mm	1	
			98 45 250		+ 250 mm	1	
		 	98 47 10	Hexagon Socket for hexagonal screws with internal square 1/2"	10 mm	1	
			98 47 11		11 mm	1	
			98 47 12		12 mm	1	
			98 47 13		13 mm	1	
			98 47 14		14 mm	1	
			98 47 17		17 mm	1	
			98 47 19		19 mm	1	
			98 47 22		22 mm	1	
			98 47 24		24 mm	1	
		  	98 52	Cable Knife	190 mm	1	
			98 53 03	Stripping Knife	155 mm	1	
		 	98 64 02	Insulating clamps plastic		1	

98 99 15 LE 084334 Tool Case "BIG Twin Move RED" empty

Tool Case "Robust"

empty

► For the toughest conditions: Dust-tight, waterproof and temperature-resistant

- > Fit-to-fly case, made from impact-resistant polypropylene
- > Dustproof and watertight
- > Air pressure compensation valve
- > Temperature-resistant from - 30°C to +80° C
- > Padlock eyelets
- > Document compartment; tool boards made from dirt-repelling twin-wall PP sheet with tool pockets and tool straps
- > Lockable base tray can be individually divided using aluminium separator system
- > Ergonomic dual-component handle

00 21 35 LE



00 21 36 LE



00 21 33 LE

00 21 37 LE

The "Robust" cases in comparison:

	Number of inserting options	Capacity litres	Max. load kg	Dimensions base tray mm (W x H x D)	Trolley function
"Robust23" 00 21 35 LE	49	23	25	470 x 370 x 190	–
"Robust26 Move" 00 21 33 LE	80	26.4	25	550 x 350 x 225	✓
"Robust34" 00 21 36 LE	93	34	25	510 x 419 x 215	–
"Robust45 Move" 00 21 37 LE	147	45	35	609 x 428 x 236	✓



Pressure valve for ventilation and nameplate for individual identification



Document compartment



With locking mechanism by means of a padlock (padlock not included in delivery)



Aluminium separators for individual division of the base tray



Also suitable as a standing or sitting aid



Locking the case with robust tilt locks



Secure fixing of the tool board prevents tools from falling out of the base

Tool Case "Robust23" Electric

25 parts

- Equipped with 25 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 312



00 21 35

Contents

12 40 200 KNIPEX		70 06 160 KNIPEX		98 52 KNIPEX	
13 86 200 KNIPEX		87 01 180 KNIPEX		KNIPEX	
16 95 01 KNIPEX		97 53 04 KNIPEX		Wera	

Part No.	EAN					Nominal size	Quantity	g
00 21 35	4003773-084365	Tool Case "Robust23" Electric						6775
			12 40 200	KNIPEX EvoStrip Self-Adjusting Insulation Stripper	KNIPEX	0.03 – 10.0 mm ²	1	
			13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm ²	1	
			16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
			70 06 160	Diagonal Cutter		160 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers		180 mm	1	
			97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access		0.08 – 10 + 16 mm ²	1	
			98 52	Cable Knife		190 mm	1	
				Wooden folding rule type 1607, white		2000 mm	1	
				Kraftform Compact VDE 16 Slim	Wera		1	
00 21 35 LE	077596	Tool Case "Robust23" empty						

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

For further benefits of the case, see page 312



00 21 33 E

Contents

00 11 01 KNIPEX		70 06 160 KNIPEX		98 25 01 SLS KNIPEX		Lyra	
08 26 185 KNIPEX		78 06 125 KNIPEX		98 20 35 SL KNIPEX		Picard	
12 52 195 KNIPEX		90 22 10 KNIPEX		98 20 55 SL KNIPEX		Stabila	
13 86 200 KNIPEX		97 53 14 KNIPEX		98 52 KNIPEX		Stabila	
16 95 01 KNIPEX		98 25 01 SL KNIPEX		KNIPEX			
26 26 200 KNIPEX		98 25 02 SL KNIPEX		Wera			

Part No.	EAN						Nominal size	Quantity	Δ g
00 21 33 E	4003773-089094	Tool Case "Robust26 Move" Electric							10100
			00 11 01	KNIPEX TwinKey® Control Cabinet Keys	KNIPEX		92 mm	1	
			08 26 185	Needle-Nose Combination Pliers			185 mm	1	
			12 52 195	KNIPEX PreciStrip16 Automatic Insulation Stripper			0.08 – 16 mm²	1	
			13 86 200	Pliers for Electrical Installation			Ø 15 mm / 50 mm²	1	
			16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool			Ø 8.0 – 13.0 mm	1	
			26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)			200 mm	1	
			70 06 160	Diagonal Cutter			160 mm	1	
			78 06 125	Electronic Super Knips VDE			125 mm	1	
			90 22 10 BK	KNIPEX BiX Cutter for plastic pipes and sealing sleeves			72 mm	1	
			97 53 14	Self-Adjusting Crimping Pliers for wire ferrules with lateral access			0.08 – 16 mm²	1	
			98 20 35 SL	Screwdriver (Slim) for slotted screws			0.6 x 3.5 x 100 mm	1	
			98 20 55 SL	Screwdriver (Slim) for slotted screws			1.0 x 5.5 x 125 mm	1	
			98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®			PZ1 x 80 mm	1	
			98 25 02 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®			PZ2 x 100 mm	1	
			98 25 01 SLS	Screwdriver (Slim) Plus/Minus Pozidriv®			PZ/S1 x 80 mm	1	
			98 52	Cable Knife			190 mm	1	
				Wooden folding rule type 1607, white			2000 mm	1	
				Set of hex key wrenches	Wera		1.5 – 10 mm	1	
				Deep hole marker	Lyra			1	
				Locksmith's hammer	Picard		300 g	1	
				Pocket Electric mini spirit level			68 mm	1	
				Spirit level type 70	Stabila		30 cm	1	

00 21 33 LE	057543	Tool Case "Robust26 Move" empty
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Tool Case "Robust26 Move"

Plumbing

17 parts

- Equipped with 12 KNIPEX tools, a total of 17 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 312



00 21 33 S

Contents

00 11 01 KNIPEX		90 31 02 KNIPEX		KNIPEX	
74 06 180 KNIPEX		90 22 10 KNIPEX		Wera 9 parts	
86 03 300 KNIPEX		98 24 01 SL KNIPEX		Lyra	
87 01 180 KNIPEX		98 24 02 SL KNIPEX		Picard	
87 01 300 KNIPEX		98 20 35 SL KNIPEX		Stabila	
90 10 165 KNIPEX		98 20 55 SL KNIPEX			

Part No.	EAN 4003773-					Nominal size	Quantity	 g
00 21 33 S	089100	Tool Case "Robust26 Move" Plumbing 17 parts						9700
			00 11 01	KNIPEX TwinKey® Control Cabinet Keys	KNIPEX	92 mm	1	
		 	74 06 180	High Leverage Diagonal Cutter		180 mm	1	
			86 03 300	Pliers Wrench		300 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers		180 mm	1	
			87 01 300			300 mm	1	
			90 10 165 BK	KNIPEX CutiX Universal knife		165 mm	1	
			90 22 10 BK	KNIPEX BiX Cutter for plastic pipes and sealing sleeves		72 mm	1	
			90 31 02 SB	KNIPEX TubiX® Pipe cutter		180 mm	1	
		 	98 20 35 SL	Screwdriver (Slim) for slotted screws		0.6 x 3.5 x 100 mm	1	
			98 20 55 SL			1.0 x 5.5 x 125 mm	1	
		 	98 24 01 SL	Screwdriver (Slim) for cross-recessed screws Phillips®		PH1 x 80 mm	1	
			98 24 02 SL			PH2 x 100 mm	1	
				Wooden folding rule type 1607, white	2000 mm	1		
				Set of hex key wrenches	Wera	1.5 – 10 mm	1	
				Deep hole marker	Lyra	2.8 mm	1	
				Locksmith's hammer	Picard	300 g	1	
				Spirit level type 70	Stabila	30 cm	1	
00 21 33 LE	057543	Tool Case "Robust26 Move" empty						

Tool Case "Robust34" Electric

26 parts

- ▶ Equipped with 26 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 312



00 21 36



Contents

00 11 01 KNIPEX		13 86 200 KNIPEX		87 01 180 KNIPEX		Wera 16 parts	
08 26 145 KNIPEX		16 95 01 KNIPEX		97 53 04 KNIPEX		Stabila	
12 40 200 KNIPEX		70 06 160 KNIPEX		98 52 KNIPEX			

Part No.	EAN 4003773-					Nominal size	Quantity	g
00 21 36	082583	Tool Case "Robust34"						8810
			00 11 01	KNIPEX TwinKey® Control Cabinet Key	KNIPEX	92 mm	1	
		 	08 26 145	Needle-Nose Combination Pliers		145 mm	1	
			12 40 200	KNIPEX EvoStrip Self-Adjusting Insulation Stripper		0.03 – 10.0 mm ²	1	
		 	13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm ²	1	
		 	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
		 	70 06 160	Diagonal Cutter		160 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers		180 mm	1	
		 	97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access		0.08 – 10 + 16 mm ²	1	
		 	98 52	Cable Knife		190 mm	1	
		 		Kraftform Compact VDE 16 Slim	Wera		1	
				Spirit Level Type 70 Electric	Stabila	430 mm	1	
00 21 36 LE	082576	Tool Case "Robust34" empty						

Tool Case "Robust45 Move" Electric

66 parts

- ▶ Extensively equipped with 66 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 312

00 21 37



Contents

00 11 01 KNIPEX							
08 26 145 KNIPEX		70 06 160 KNIPEX		98 52 KNIPEX		Picard	
KNIPEX		74 06 200 KNIPEX		98 2X XX SL 2 x KNIPEX		Stabila	
13 86 200 KNIPEX		86 03 180 KNIPEX		Wera 28 parts		Stabila	
16 95 01 KNIPEX		87 01 180 KNIPEX		Wera 16 parts		Rennsteig	
26 26 200 KNIPEX		97 53 04 KNIPEX		Wera		Rennsteig	

Part No.	EAN 4003773-					Nominal size	Quantity	 g	
00 21 37	082606	Tool Case "Robust45 Move" Electric							14770
	074670		00 11 01	KNIPEX TwinKey® Control Cabinet Key	KNIPEX	92 mm	1		
	079361	 	08 26 145	Needle-Nose Combination Pliers		145 mm	1		
	085829		12 52 195	KNIPEX PreciStrip16 Automatic Insulation Stripper		0.08 – 16 mm²	1		
	075097	 	13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm²	1		
	079927		16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1		
	022855	 	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1		
	021995		70 06 160	Diagonal Cutter		160 mm	1		
	033820	 	74 06 200	High Leverage Diagonal Cutter		200 mm	1		
	035466		86 03 180	Pliers Wrench		180 mm	1		
	022015		87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers		180 mm	1		
	028017	 	97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access		0.08 – 10 + 16 mm²	1		
	079712	 	98 20 35 SL	Screwdriver (Slim) for slotted screws		0.6 x 3.5 x 100 mm	1		
	079774	 	98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ1 x 80 mm	1		
	035565	 	98 52	Cable Knife		190 mm	1		
				Kraftform Compact VDE 16 Slim		1			
				8100 SA 8 Zyklus set of metal ratchets 28 parts	Wera	1/4"	1		
				Joker open-end wrench		10 x 13 mm	1		
				Locksmith's hammer	Picard	300 g	1		
				Spirit Level Type 70 Electric	Stabila	430 mm	1		
				Pocket Electric mini spirit level		68 mm	1		
			Electrician's Chisel	Rennsteig	250 x 10 mm	1			
			PCS-Chisels for electric hammersSDS plus 3 parts			1			

00 21 37 LE 082590 Tool Case "Robust45 Move" empty

Tool Case "Robust45 Move" Mechanic

90 parts

- Equipped with 12 KNIPEX Tools, a total of 90 brand tools

For further benefits of the case, see page 312

00 21 37 M



Part No.	EAN 4003773-					Nominal size	Quantity	 g
00 21 37 M	086239	Tool Case "Robust45 Move" Mechanic						17400
			00 11 01	KNIPEX TwinKey® Control Cabinet Key	KNIPEX	92 mm	1	
			16 20 50 SB	Folding Knife for Electricians		120 mm	1	
			16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
			26 12 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
			26 22 200			200 mm	1	
			70 02 160	Diagonal Cutter		160 mm	1	
			71 31 200	KNIPEX CoBolt® Compact Bolt Cutter		Ø 5.2 mm	1	
			74 02 200	High Leverage Diagonal Cutter		200 mm	1	
			78 61 140	Electronic Super Knips XL		140 mm	1	
			86 01 250	Pliers Wrench		250 mm	1	
			87 01 250	KNIPEX Cobra® High-Tech Water Pump Pliers		250 mm	1	
				Wooden folding rule type 1607, white		2000 mm		
				Set of hex key wrenches	1.5 – 10 mm	1		
				8100 SA 8 Zyklop set of metal ratchets 28 parts	1/4"	1		
				Screwdriver for slotted screws 335	0.6 x 3.5 x 100 mm	1		
					0.8 x 4.0 x 100 mm	1		
					1.0 x 5.5 x 100 mm	1		
				Slotted chisel slotted screws 932 A	1.2 x 7.0 x 125 mm	1		
					1.6 x 9.0 x 150 mm	1		
				Screwdriver for Phillips® screws 917 SPH	PH2 x 100 mm	1		
				Screwdriver for Phillips® screws 350 PH	PH1 x 80 mm	1		
					PH3 x 150 mm	1		
				Screwdriver for Pozidriv® screws 355 PZ	PZ1 x 80 mm	1		
					PZ2 x 100 mm	1		
					PZ3 x 150 mm	1		
				Micro screwdrivers for slotted screws 2035	0.4 x 2.5 x 80 mm	1		
					0.23 x 1.5 x 60 mm	1		
				Micro screwdrivers for cross recessed Phillips® screws 2050 PH	PH0 x 60 mm	1		
					PH00 x 60 mm	1		
				TORX® Screwdriver 367	TX10 x 80	1		
					TX15 x 80	1		
					TX20 x 100	1		
					TX25 x 100	1		
			TX30 x 115	1				
		Combination wrench sets	Heyco	6/8/10/11/12/13/14/15/16/17/18/19 mm	1			
		Locksmith's hammer	Picard	300 g	1			
		Pin punch set	Rennsteig	Ø 3 mm/4 mm/5 mm/6 mm/8 mm/10 mm	1			
		Automatic punch		130 mm	1			
		Spirit level type 70TM	Stabila	22 cm	1			
00 21 37 LE	082590	Tool Case "Robust45 Move" empty						

Tool Case "Vision24"

empty

- ▶ With a total of 21 inserting options
 - ▶ Max. payload: 20 kg
 - ▶ Volume: 24 litres
- > Flexible options due to the individual partitioning of the inserts in the 60 mm deep base tray and its cover plate with six large tool compartments
 - > Tough ratchet hinges hold the lid open where necessary despite the deadweight of the tools
 - > Sturdy, ergonomic carrying handle, snaps into place at a 90° angle
 - > Removable tool board with 15 tool pockets on the bottom side and six tool pockets as well as a clamp compartment (400 mm wide) on the cover side, held by a push button
 - > Two lockable steel flip locks protect the case contents from theft
 - > With circumferential double aluminium frame
 - > Heavy duty ABS material, black
 - > Cover and tool boards made from dirt-repellent PP twin-wall sheets



00 21 20 LE



Part No	EAN	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	g
00 21 20 LE	4003773- 044567	480 (460)	180 (170)	370 (310)	8600

Tool Case "Vision24" Electric

20 parts

► With 20 brand tools, partly VDE tested according to DIN EN/IEC 60900

For further benefits of the case, see page 319

00 21 20



Contents

03 06 180 KNIPEX		26 26 200 KNIPEX		87 03 250 KNIPEX		Wera	
12 40 200 KNIPEX		70 06 160 KNIPEX		95 16 200 KNIPEX			
16 95 01 KNIPEX		74 06 200 KNIPEX		98 XX XX 8 x KNIPEX			
26 16 200 KNIPEX		86 03 180 KNIPEX		98 52 KNIPEX			

Part No.	EAN					Nominal size	Quantity	g
00 21 20	4003773-052166	Tool Case "Vision24" Electric						7055
			03 06 180	Combination Pliers		180 mm	1	
			12 40 200	KNIPEX EvoStrip Self-Adjusting Insulation Stripper		0.03 – 10.0 mm²	1	
			16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
			26 16 200			200 mm	1	
			26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
			70 06 160	Diagonal Cutter		160 mm	1	
			74 06 200	High Leverage Diagonal Cutter		200 mm	1	
			86 03 180	Pliers Wrench		180 mm	1	
			87 03 250	KNIPEX Cobra® High-Tech Water Pump Pliers		250 mm	1	
			95 16 200	Cable Shears with twin cutting edge		Ø 20 mm / 70 mm²	1	
			98 20 25	Screwdrivers for slotted screws		0.4 x 2.5 x 75 mm	1	
			98 20 40 SL			0.8 x 4 x 100 mm	1	
			98 20 55 SL	Screwdriver (Slim) for slotted screws		1.0 x 5.5 x 125 mm	1	
			98 20 65 SL			1.2 x 6.5 x 150 mm	1	
			98 24 01 SL	Screwdriver (Slim) for cross-recessed screws Phillips®		PH1 x 80 mm	1	
			98 24 02 SL			PH2 x 100 mm	1	
			98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ1 x 80 mm	1	
			98 25 02 SL			PZ2 x 100 mm	1	
			98 52	Cable Knife		190 mm	1	
				Voltage detector, single-pole 247	Wera	0.5 x 3.0 x 70 mm	1	

00 21 20 LE 044567 Tool Case "Vision24" empty

Tool Case "Vision27" Plumbing

52 parts

- Equipped with 52 brand quality tools, some VDE tested according to DIN EN 60900

For further benefits of the case, see page 319



00 21 21 HK S

Contents

00 11 01 KNIPEX		87 01 400 KNIPEX	
26 16 200 KNIPEX		Wera 9 parts	
74 06 180 KNIPEX		Wera 28 parts	
86 03 250 KNIPEX		Wera	
87 01 250 KNIPEX		Wera	
		Wera	
		Wera	
		Wera	
		Heyco	
		Heyco	
		Picard	
		Rennsteig	
		Stabila	

Part No.	EAN 4003773-		Nominal size	Quantity	g
00 21 21 HK S	080671	Tool Case "Vision27" Plumbing 52 parts			9955
		00 11 01 KNIPEX TwinKey® Control Cabinet Key	92 mm	1	
		26 16 200 Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		74 06 180 High Leverage Diagonal Cutter	180 mm	1	
		86 03 250 Pliers Wrench	250 mm	1	
		87 01 250 KNIPEX Cobra® High-Tech Water Pump Pliers	250 mm	1	
		87 01 400 KNIPEX Cobra® XL Pipe Wrench and Water Pump Pliers	400 mm	1	
		Set of hex key wrenches	1.5 – 10 mm	1	
		Joker open-end wrench	10 x 13 mm	1	
		8100 SA 8 Zyklop set of metal ratchets 28 parts	1/4"	1	
		Voltage detector, single-pole 247	0.5 x 3.0 x 70 mm	1	
		Screwdrivers for slotted screws 160 i	0.6 x 3.5 x 100 mm	1	
		Screwdrivers for cross recessed Phillips® screws 162i PH	1.0 x 5.5 x 125 mm	1	
		Screwdrivers for Torx® screws 167 i	PH1 x 80 mm	1	
			PH2 x 100 mm	1	
			TX15 x 80 mm	1	
			TX20 x 80 mm	1	
			TX25 x 100 mm	1	
			1.2 x 7.0 x 125 mm	1	
			1.6 x 9.0 x 150 mm	1	
		Safety cutter knife	18 mm	1	
		Express key	M 10	1	
		Locksmith's hammer	Picard	300 g	1
		Mason's Chisels	Rennsteig	250 mm	1
		Spirit level type 70	Stabila	30 cm	1

Tool Bag

empty

with 6 elastic loops

> Case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered



00 20 16 LE

Part No.	EAN 4003773-	Exterior width mm	Exterior height mm	Exterior depth mm	g
00 20 16 LE	022411	160	50	215	120

Electronics Pliers Sets

> Dimensions, closed (W x H x D): 215 x 160 x 50 mm

00 20 16

> 7 parts, contains 6 electronics pliers and one pair of precision tweezers; case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered

00 20 16 P

> 6 parts, contains 6 precision electronics pliers; case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered

00 20 16 P ESD

> 6 parts, contains 6 ESD precision electronics pliers, electrically discharging version; case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered

00 20 17

> 6 parts, contains 6 ESD precision electronics pliers, electrically discharging version; case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered

00 20 18

> 8 parts, contains 2 electronics pliers and 6 electronics screwdrivers; practical storage box, shock-resistant plastic, with foam insert

00 20 18 ESD

> 8 parts, contains 2 electronics pliers and 6 ESD electronics screwdrivers, electrically discharging version

> Practical storage box, shock-resistant plastic, with foam insert



00 20 16



00 20 16 P



00 20 16 P ESD



00 20 17



00 20 18



00 20 18 ESD

Part No.	EAN 4003773-	Contents	g
00 20 16	022619	35 12 115 / 35 22 115 / 35 32 115 / 64 32 120 / 77 02 115 / 77 42 115 / 92 34 36	720
00 20 16 P	063223	34 12 130 / 34 22 130 / 34 32 130 / 79 02 120 / 79 02 120 / 79 02 125 / 79 42 125	575
00 20 16 P ESD	063230	34 12 130 ESD / 34 22 130 ESD / 34 32 130 ESD / 79 02 120 ESD / 79 02 125 ESD / 79 42 125 ESD	585
00 20 17	031222	35 12 115 ESD / 35 22 115 ESD / 35 42 115 ESD / 64 32 120 ESD / 77 02 115 ESD / 77 32 115 ESD	695
00 20 18	033073	35 22 115 / 77 02 115 / Screwdriver 0.4 x 2.5 / 0.5 x 3.0 / 0.6 x 3.5 / 0.8 x 4.0 / PH0 / PH1	460
00 20 18 ESD	051848	35 22 115 ESD / 77 02 115 ESD / Screwdriver 0.4 x 2.5 / 0.5 x 3.0 / 0.6 x 3.5 / 0.8 x 4.0 / PH0 / PH1	465

Tool Bag "Classic"

empty

- > Light design made of hard-wearing, reinforced polyester fabric
- > Front additionally reinforced with aluminium brackets
- > Semi-fold-out front with adjustable loops and exterior document compartment
- > With galvanized steel base tray
- > With carrying handle and adjustable shoulder strap



00 21 02 LE

Part No.	EAN 4003773-	exterior width mm	Exterior height mm	Exterior depth mm	g
00 21 02 LE	057499	480 (430)	380 (310)	180 (170)	2970

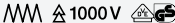
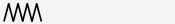
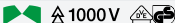
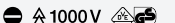
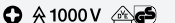
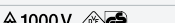
Tool Bag "Classic" Electric

23 parts

- Equipped with 23 brand tools, partly VDE-tested according to DIN EN 60900



00 21 02 EL

Part No.	EAN 4003773-					Nominal size	Quantity	g
00 21 02 EL	081951	Tool Bag "Classic" Electric						6820
		 03 06 180	Combination Pliers	KNIPEX	180 mm	1		
		 11 06 160	Insulation Stripper with opening spring, universal		Ø 5.0 mm / 10.0 mm²	1		
		 16 20 165 SB	Stripping Tool with scalpel blade		Ø 8.0 – 28.0 mm	1		
		 16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1		
		 26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1		
		 70 06 160	Diagonal Cutter		160 mm	1		
		98 20 25	Screwdrivers for slotted screws		0.4 x 2.5 x 75 mm	1		
		 98 20 35 SL	Screwdriver (Slim) for slotted screws		0.6 x 3.5 x 100 mm	1		
		98 20 55 SL			1.0 x 5.5 x 125 mm	1		
		98 20 65 SL			1.2 x 6.5 x 150 mm	1		
		 98 24 01 SL	Screwdriver (Slim) for cross-recessed screws Phillips®		PH1 x 80 mm	1		
		98 24 02 SL			PH2 x 100 mm	1		
		 98 52	Cable Knife		190 mm	1		
				2000 mm				
			Voltage detector, single-pole	Wera		1		
			PUK® Junior Hacksaw	Haunstetter	150 x 240 mm	1		
			Painter's spatula 40 mm, wood, high quality	Maurerfreund	40 mm	1		
			Flat brush	Picard	40 mm	1		
			Plaster bowl		127 x 94	1		
			Chipping hammer		800 g	1		
			Mason's Chisels	Rennsteig	300 mm	1		
			Electrician's Chisel		250 x 10 mm	1		
			Locksmith's hammer	Ruthe	300 g	1		
00 21 02 LE	057499	Tool Bag "Classic" empty						

00 21 02 LE	057499	Tool Bag "Classic" empty
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Tool Bag "Service"

empty

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

- > Lined inside pouch for notebook (max. 19") and DIN A4 documents; also with DIN A4 zipped compartment
- > 90° fold-out front pouch with 8 tool pockets and one small inside pouch
- > Reverse side of the front pouch with 5 tool pouches and 3 pen pouches
- > 1 removable tool board with 8 tool pockets on the front and 2 rows of elastic straps on the back
- > Splash-water-protected bottom
- > Adjustable shoulder belt with quick-release fastener
- > With two carry loops
- > Made of hard-wearing polyester fabric



00 21 10 LE

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

Tool Bag "Stretched"

empty

- > Made of hard-wearing polyester fabric
- > For tools up to 450 mm in length
- > With two compartments on the back
- > With carrying handle and adjustable shoulder strap
- > Closing strap made of leather



00 21 07 LE

Part No	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	g
00 21 07 LE	071358	555 (530)	200 (190)	175 (165)	1760

Tool Bag "LightPack"

empty

- ▶ Max. payload: 20 kg

- > Can be opened from both sides
- > Made from tough polyester fabric, with zip fasteners and hook-and-loop fastener
- > Tool loops inside
- > Plastic base tray
- > Steel handle with softgrip
- > Shoulder strap (can also be used as belt)



00 21 08 LE

Part No.	EAN 4003773-	Exterior width mm	Exterior height mm	Exterior depth mm	g
00 21 08 LE	077787	480	400	300	2800

Tool Bag "Compact"

- Compact tool case for the service technician
- With a total of 15 inserting options

- > Suitable as an insert for: "Basic" 00 21 05 LE, "BIG Basic Move" 00 21 06 LE, "BIG Twin Move" 00 21 41 LE, "BIG Twin" 00 21 42 LE, "BIG Twin Move RED" 98 99 15 LE and other popular tool cases
- > With 8 tool pouches and 7 tool straps
- > Slip-through back strap to attach to a trolley
- > Bag without tools
- > Made from tough polyester fabric, with zip fastener

Part No.	EAN	Exterior width mm	Exterior height mm	Exterior depth mm	⚖ g
00 21 11 LE	077718	410	60	290	450



00 21 11 LE

Tool Bag "Compact" Electric

- Equipped with 12 KNIPEX tools, a total of 12 brand tools, partly VDE-tested according to DIN EN 60900
- With a total of 15 inserting options

- > Compact tool case for the service technician
- > Suitable as an insert for: "Basic" 00 21 05 LE, "BIG Basic Move" 00 21 06 LE, "BIG Twin Move" 00 21 41 LE, "BIG Twin" 00 21 42 LE, "BIG Twin Move RED" 98 99 15 LE and other popular tool cases
- > With 8 tool pouches and 7 tool straps
- > Slip-through back strap to attach to a trolley
- > Made from tough polyester fabric, with zip fastener
- > Dimensions exterior (W x H x D): 410 x 60 x 290 mm



00 21 11

Contents

12 40 200 KNIPEX		70 06 160 KNIPEX		97 53 04 KNIPEX		KNIPEX	
13 86 200 KNIPEX		78 06 125 KNIPEX		98 2X XX SL 4 x KNIPEX			
16 95 01 KNIPEX		87 01 250 KNIPEX		98 52 KNIPEX			

Part No.	EAN					Nominal size	Quantity	⚖ g
00 21 11	084532	Tool Bag "Compact" Electric						2975
			12 40 200	KNIPEX EvoStrip Self-Adjusting Insulation Stripper		0.03 – 10.0 mm ²	1	
			13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm ²	1	
			16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
			70 06 160	Diagonal Cutter		160 mm	1	
			78 06 125	Electronic Super Knips VDE		125 mm	1	
			87 01 250	KNIPEX Cobra® High-Tech Water Pump Pliers		250 mm	1	
			97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access		0.08 – 10 + 16 mm ²	1	
			98 20 35 SL	Screwdriver (Slim) for slotted screws		0.6 x 3.5 x 100 mm	1	
			98 24 02 SL	Screwdriver (Slim) for cross-recessed screws Phillips®		PH2 x 100 mm	1	
			98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ1 x 80 mm	1	
			98 25 02 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ2 x 100 mm	1	
			98 52	Cable Knife		190 mm	1	
			01114	Wooden folding rule type 1607, white		2000 mm	1	
00 21 11 LE	077718	Tool Bag "Compact" empty						

Tool Bags for working at heights

empty

Tool organiser: keeps tools and accessories protected and organised when working at heights

► 11 steel D-rings: 8 for attaching tethered tools and 3 to attach the bag to your climbing equipment – also suitable for left-handers

- > Two external metal retaining clips for cordless power tools and 18 internal elastic loops
- > Multifunctional lid: rolls away for easy access to tools and hook-and-loop patch for individual labelling
- > Removable shoulder strap for comfortable transport (not to be used when at heights)
- > Strong synthetic fibres, dirt and splash-proof due to rubber lining
- > Plastic-reinforced base plate with five rubber feet
- > To meet regulations while working at heights, for example industrial climbing, arborists, rescue services, at sea, etc.
- > No PPE (personal protective equipment): not suitable for personal safety!

00 50 50 T LE

- > Holds a variety of items: divided main compartment, document/tablet compartment (A5/10") including pen holders and four side pockets
- > Volume approx. 12 litres, outer dimensions HxWxD approx. 370x250 x 150 mm, weight when empty approx. 1400 g
- > Independently certified safety: reliably loadable up to 10 kg

00 50 51 T LE

- > Holds a variety of items: divided main compartment, document/tablet compartment (A4/14") including pen holders and four side pockets
- > Volume approx. 17 litres, outer dimensions HxWxD approx. 470x250 x 150 mm, weight when empty approx. 1600 g
- > Independently certified safety: reliably loadable up to 15 kg



00 50 50 T LE



00 50 51 T LE

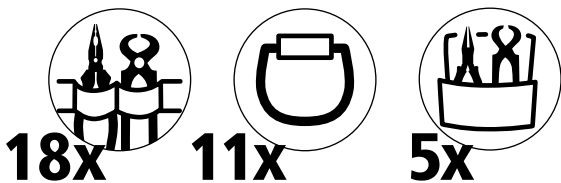


Document/laptop compartment



Pocket for e.g. water bottle

Double-tested safety according to ANSI ISEA 121-2023 and by the independent test laboratory VPA Remscheid



Part No.	EAN	Width mm	Height mm	Depth mm	g
00 50 50 T LE	089032	250	300	150	1400
00 50 51 T LE	089049	250	470	150	1600



Hook-and-loop patch
for individual labelling



Multifunctional lid: rolls away
for easy access

KNIPEX L-BOXX®

empty

- ▶ Strong box made of impact- and shock-proof ABS plastic
- ▶ With a total of 48 inserting options
- ▶ Max. payload: 25 kg

- > Splash-proof
- > Several boxes can be securely joined together
- > Flexible inner partitions
- > Handle can be lowered into a hollow in the lid to save space
- > Ergonomically shaped handles with additional moulded recess on the side for flexible, convenient handling
- > With two-piece tool board made from dirt-repellent PP twin-wall sheets
- > Tool boards are connected to each other using hook-and-loop
- > Cover part with ten pockets and ten elastic straps
- > Top of base part with seven pockets and tab for hanging up the tool board; can also be used to lift and set up the L-BOXX®
- > Bottom of base part with 7 pockets and 7 elastic straps
- > Strong box made of impact- and shock-proof ABS plastic



00 21 19 LB
Tool Box empty,
with tool cards



00 21 19 LB LE
Tool Box empty, without tool card



00 21 19 LB WK
Tool card, individually available



The boxes are stackable and can be securely joined together



A lock can be attached to secure the device (lock not included in delivery)



Washable tool boards

Part No.	EAN 4003773-		exterior width mm	Exterior height mm	Exterior depth mm	⚖ g
00 21 19 LB	081616	KNIPEX L-BOXX®, empty, with tool cards	442 (375)	151 (107)	357 (311)	2965
00 21 19 LB LE	081975	KNIPEX L-BOXX®, empty, without tool cards	442 (375)	151 (107)	357 (311)	2566
00 21 19 LB WK	081609	Tool card	375	55	310	650

KNIPEX L-BOXX® Electric

63 parts

- Equipped with 14 KNIPEX tools, a total of 63 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 328



00 21 19 LB E

Contents

00 11 01 KNIPEX		26 26 200 KNIPEX		97 53 04 KNIPEX		Wera	
08 26 145 KNIPEX		70 06 160 KNIPEX		98 52 KNIPEX		Picard	
12 52 195 KNIPEX		74 06 200 KNIPEX		98 2X XX 2 x KNIPEX		Rennsteig	
13 86 200 KNIPEX		86 03 180 KNIPEX		Wera 16 parts		Stabila	
16 95 01 KNIPEX		87 01 180 KNIPEX		Wera 28 parts		Stabila	

Part No.	EAN 4003773-					Nominal size	Quantity	g			
00 21 19 LB E	081623	KNIPEX L-BOXX® Electric						7495			
		00 11 01	KNIPEX TwinKey® Control Cabinet Key		KNIPEX	92 mm	1				
		 08 26 145	Needle-Nose Combination Pliers			145 mm	1				
		12 52 195 SB	KNIPEX PreciStrip 16 Automatic Insulation Stripper			0.08 – 16 mm²	1				
		 13 86 200	Pliers for Electrical Installation			Ø 15 mm / 50 mm²	1				
		16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool			Ø 8.0 – 13.0 mm	1				
		 26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)			200 mm	1				
		70 06 160	Diagonal Cutter			160 mm	1				
		74 06 200	High Leverage Diagonal Cutter			200 mm	1				
		86 03 180	Pliers Wrench			180 mm	1				
		87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers			180 mm	1				
		97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access			0.08 – 10 + 16 mm²	1				
		 98 20 35 SL	Screwdriver (Slim) for slotted screws			0.6 x 3.5 x 100 mm	1				
		 98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®			PZ1 x 80 mm	1				
		 98 52	Cable Knife			190 mm	1				
			Joker open-end wrench			10 x 13 mm	1				
			8100 SA 8 Zyklop set of metal ratchets 28 parts			1/4"	1				
			VDE interchangeable blades, 16 parts, slim				1				
			Locksmith's hammer			Picard	300 g		1		
			Electrician's Chisel			Rennsteig	250 x 10 mm		1		
			Spirit Level Type 70 Electric		Stabila	430 mm	1				
			Pocket Electric mini spirit level			68 mm	1				
		00 21 19 LB	081616	KNIPEX L-BOXX®, empty, with tool cards							
		00 21 19 LB LE	081975	KNIPEX L-BOXX®, empty, without tool cards							
		00 21 19 LB WK	081609	Tool card							

KNIPEX L-BOXX® Plumbing

52 parts

- Equipped with 13 KNIPEX tools, a total of 52 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 328



00 21 19 LB S

Contents

00 11 01 KNIPEX		87 01 400 KNIPEX		Wera		Rennsteig	
26 16 200 KNIPEX		98 2X XX 7 x KNIPEX		Wera		Rennsteig	
74 06 180 KNIPEX		KNIPEX		Heyco		Stabila	
86 03 250 KNIPEX		Wera		Heyco		Zenten	
87 01 250 KNIPEX		Wera		Picard			

Part No.	EAN 4003773-				Nominal size	Quantity	 g			
00 21 19 LB S	081630	KNIPEX L-BOXX® Plumbing						9170		
			00 11 01	KNIPEX TwinKey® Control Cabinet Key	KNIPEX	92 mm	1			
			26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1			
			74 06 180	High Leverage Diagonal Cutter		180 mm	1			
			86 03 250	Pliers Wrench		250 mm	1			
			87 01 250	KNIPEX Cobra® High-Tech Water Pump Pliers		250 mm	1			
			87 01 400	KNIPEX Cobra® XL Pipe Wrench and Water Pump Pliers		400 mm	1			
			98 20 35	Screwdrivers for slotted screws		0.6 x 3.5 x 100 mm	1			
			98 20 55			1.0 x 5.5 x 125 mm	1			
			98 24 01	Screwdriver for cross recessed screws Phillips®		PH1 x 80 mm	1			
			98 24 02			PH2 x 100 mm	1			
			98 26 15	Screwdrivers for Torx® screws		TX15 x 80 mm	1			
			98 26 20			TX20 x 80 mm	1			
			98 26 25			TX25 x 100 mm	1			
				Wooden folding rule type 1607, white		2000 mm	1			
				Set of hex key wrenches	Wera	1.5 - 10 mm	1			
				Joker open-end wrench		10 x 13 mm	1			
				8100 SA 8 Zyklop set of metal ratchets 28 parts		1/4"	1			
				Voltage detector, single-pole 247		0.5 x 3.0 x 70 mm	1			
				Safety cutter knife	Heyco	18 mm	1			
				Express key		M 10	1			
				Locksmith's hammer	Picard	300 g	1			
				Mason's Chisels	Rennsteig	250 mm	1			
				Electrician's Chisel		250 x 10 mm	1			
				Spirit level type 70	Stabila	30 cm	1			
				Pipe cutter	Zenten	3 – 35 mm / 1/8 – 1 1/2"	1			
		00 21 19 LB	081616	KNIPEX L-BOXX®, empty, with tool cards						
		00 21 19 LB LE	081975	KNIPEX L-BOXX®, empty, without tool cards						
		00 21 19 LB WK	081609	Tool card						

Tool Box "RED" Electric Set 1

4 parts

- > High-quality, versatile, shock-resistant plastic case
- > Foam insert with honeycomb structure for variable equipment
- > External dimensions (W x H x D): 340 x 56 x 275 mm



Part No.	EAN 4003773-					Nominal size	Quantity	Δ g
00 20 15	024804	Tool Box "RED" Electric Set 1						1430
			03 06 180	Combination Pliers		180 mm	1	
			11 06 160	Insulation Stripper with opening spring, universal		Ø 5.0 mm / 10.0 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	
00 21 15 LE	045175	Tool Box "RED" empty						

Tool Box "RED" Electric Set 2

7 parts

- > High-quality, versatile, shock-resistant plastic case
- > Foam insert with honeycomb structure for variable equipment
- > External dimensions (W x H x D): 340 x 56 x 275 mm



Part No.	EAN 4003773-					Nominal size	Quantity	Δ g
00 21 15	042853	Tool Box "RED" Electric Set 2						1535
			03 06 180	Combination Pliers	KNIPEX	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	
			88 03 180	KNIPEX Alligator® Water Pump Pliers		180 mm	1	
				Screwdrivers for slotted screws 160 i	Wera	0.4 x 2.5 x 80 mm	1	
				Screwdrivers for cross recessed Phillips® screws 162i PH		0.8 x 4.0 x 100 mm	1	
						PH1 x 80 mm	1	
00 21 15 LE	045175	Tool Box "RED" empty						

Tool Box "SRZ"

8 parts

- > High-quality, impact-resistant plastic case
- > Contains common Precision Circlip Pliers for highest requirements; for internal and external circlips
- > Precisely-sized recesses for holding the pliers
- > Clearly organised storage of tools
- > Dimensions, exterior (W x H x D): 260 x 80 x 210 mm



Part No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	Δ g
00 21 25	050131	Tool Box "SRZ" Circlip Pliers							1635
			48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	12.0 – 25.0	1.3	1	
			48 11 J2			19.0 – 60.0	1.8	1	
			48 21 J11		DIN 5256 D; 90° angled jaws	12.0 – 25.0	1.3	1	
			48 21 J21			19.0 – 60.0	1.8	1	
			49 11 A1	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	10.0 – 25.0	1.3	1	
			49 11 A2			19.0 – 60.0	1.8	1	
			49 21 A11		DIN 5254 B; 90° angled jaws	10.0 – 25.0	1.3	1	
			49 21 A21			19.0 – 60.0	1.8	1	

Compact Tool Case

17 parts

with insulated tools for working
on electrical systems

- ▶ 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

- > Impact-resistant plastic case
- > Foam insert with precise recesses for holding the pliers
- > Dimensions, exterior (W x H x D): 380 x 85 x 260 mm
- > Dimensions, interior (W x H x D): 335 x 70 x 230 mm
- > DIN EN 60900
- > IEC 60900



98 99 11

Contents

03 07 200 KNIPEX		98 45 XXX 2 x KNIPEX	
70 07 160 KNIPEX		98 47 1X 7 x KNIPEX	
98 2X XX 4 x KNIPEX		98 52 KNIPEX	
98 41 KNIPEX			

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 07 160	Diagonal Cutter	160 mm	1	
		98 20 35		0.6 x 3.5 x 100 mm	1	
		98 20 40	Screwdrivers for slotted screws	0.8 x 4 x 100 mm	1	
		98 20 55		1.0 x 5.5 x 125 mm	1	
		98 24 00	Screwdriver for cross recessed screws Phillips®	PH0 x 60 mm	1	
		98 41	Reversible Ratchet with driving square 1/2"	5–50 Nm in steps of 0.25 Nm	1	
		98 45 125	Extension bar with internal/external square 1/2"	+ 125 mm	1	
		98 45 250		+ 250 mm	1	
		98 47 10	Hexagon Socket for hexagonal screws with internal square 1/2"	10 mm	1	
		98 47 11		11 mm	1	
		98 47 12		12 mm	1	
		98 47 13		13 mm	1	
		98 47 14		14 mm	1	
		98 47 17		17 mm	1	
		98 47 19		19 mm	1	
		98 52	Cable Knife	190 mm	1	
98 99 11 LE	028857	Compact Tool Case empty				

Compact Tool Case

27 parts

- > Impact-resistant plastic case
- > Equipped with a range of insulated KNIPEX tools for works on electrical installations
- > Foam inserts with recesses for the tools
- > Fixable partition wall
- > Dimensions, exterior (W x H x D): 440 x 105 x 385 mm
- > DIN EN 60900
- > IEC 60900



Contents

03 07 200 KNIPEX		98 45 125 KNIPEX	
70 07 160 KNIPEX		98 47 1X 7 x KNIPEX	
98 00 1X 7 x KNIPEX		98 52 KNIPEX	
98 2X XX 7 x KNIPEX		98 53 03 KNIPEX	
98 41 KNIPEX			

98 99 12

Part No.	EAN		Nominal size	Quantity	g
98 99 12	4003773-026631	Compact Tool Case 27 parts			4710
		03 07 200 Combination Pliers	200 mm	1	
		70 07 160 Diagonal Cutter	160 mm	1	
		98 00 10	10 mm	1	
		98 00 11	11 mm	1	
		98 00 12	12 mm	1	
		98 00 13 Open-end wrench	13 mm	1	
		98 00 14	14 mm	1	
		98 00 17	17 mm	1	
		98 00 19	19 mm	1	
		98 20 25	0.4 x 2.5 x 75 mm	1	
		98 20 35 Screwdrivers for slotted screws	0.6 x 3.5 x 100 mm	1	
		98 20 40	0.8 x 4 x 100 mm	1	
		98 20 55	1.0 x 5.5 x 125 mm	1	
		98 24 00	PH0	1	
		98 24 01 Screwdriver for cross recessed screws Phillips®	PH1 x 80 mm	1	
		98 24 02	PH2 x 100 mm	1	
		98 41 Reversible Ratchet with driving square 1/2"	5–50 Nm in steps of 0.25 Nm	1	
		98 45 125 Extension bar with internal/external square 1/2"	+ 125 mm	1	
		98 47 10	10 mm	1	
		98 47 11	11 mm	1	
		98 47 12 Hexagon Socket for hexagonal screws with internal square 1/2"	12 mm	1	
		98 47 13	13 mm	1	
		98 47 14	14 mm	1	
		98 47 17	17 mm	1	
		98 47 19	19 mm	1	
		98 52 Cable Knife	190 mm	1	
		98 53 03 Stripping Knife	155 mm	1	
98 99 12 LE	028154	Compact Tool Case empty			



Tool Set for Photovoltaics

empty

- > Impact-resistant plastic case
- > External dimensions: 345 x 80 x 280 mm (W x H x D)
- > Foam insert with recesses for tools, 2 crimping dies and 2 locators



97 91 01 LE

Part No.	EAN	Width mm	Height mm	Depth mm	⚖ g
97 91 01 LE	4003773-088813	345	80	280	650

Tool Set for Photovoltaics

► Equipped with tools for photovoltaics

- > Precision Insulation Stripper 12 12 11 (1.5 / 2.5 / 4.0 / 6.0 mm²) with adapted blades for smaller stripping capacities
- > Cable Shears 95 16 165 for copper cables up to Ø 15 mm
- > With Crimp System Pliers 97 43 200 A for interchangeable crimping dies, crimping pressure is precisely set at the factory (calibrated)
- > Without crimping dies – please order separately (see ref. 97 49...) for individual assortment
- > Assembly tool (Allen key) for changing the crimping dies
- > Impact-resistant plastic case
- > Foam insert with recesses for tools, 2 crimping dies (not included) and 2 locators (not included)
- > External dimensions: 345 x 80 x 280 mm (W x H x D)



97 91 01

Part No.	EAN				Nominal size	Quantity	⚖ g
97 91 01	4003773-070351	Tool set for photovoltaics					1964
		12 12 11	Precision Insulation Stripper with adapted blades		1.5 – 6.0 mm²	1	
		95 16 165	Cable Shears		Ø 15 mm / 50 mm²	1	
		97 43 200 A	Crimp System Pliers for exchangeable crimping dies			1	
97 91 01 LE	088813	Tool set for photovoltaics empty					

Tool Set for Photovoltaics

► Equipped with tools for photovoltaics

- > With Crimp System Pliers 97 43 200 A for interchangeable crimping dies, crimping pressure is precisely set at the factory (calibrated)
- > Precision Insulation Stripper 12 12 12 (4.0 / 6.0 / 10.0 mm²) with adapted blades for larger stripping capacities
- > Cable shears 95 16 165 for copper cables up to Ø 15 mm
- > Assembly tool (Allen key) for changing the crimping dies
- > With set of mounting tools 97 49 66 2 to tighten cable glands of MC4[®] solar plugs and to open the locking of MC4[®] housing
- > Foam insert with recesses for tools, 2 crimping dies and 2 locators
- > Impact-resistant plastic case
- > External dimensions: 345 x 80 x 280 mm (W x H x D)

97 91 04 V01

- > With crimping die 97 49 66 for solar cable connectors MC4[®] 2.5 – 6.0 mm², locator 97 49 66 1

97 91 04 V01

- > With crimping die 97 49 71 for solar cable connectors MC4[®] 4.0 – 10.0 mm², locator 97 49 71 1



97 91 04 V01

Contents – 97 91 04 V01

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

Contents – 97 91 04 V02

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

Part No.	EAN					Nominal size	Quantity	Δ g
97 91 04 V01	088998	Tool set for photovoltaics for solar cable connectors MC4 [®]						2010
	062998		12 12 11	Precision Insulation Stripper with adapted blades 1.5/2.5/4/6 mm ²		1.5 – 6.0 mm ²	1	
	039648		95 16 165	Cable Shears		Ø 15 mm / 50 mm ²	1	
	071587		97 43 200 A	Crimp System Pliers for exchangeable crimping dies			1	
	066699		97 49 66	Crimping die for solar cable connectors MC4 [®] & MC4 [®] Evo 2		2.5 – 6.0 mm ²	1	
	066736		97 49 66 1	Locator for 97 49 66 (solar cable connectors MC4 [®])			1	
	074106		97 49 66 2	Set of Mounting Tools for solar cable connectors MC4 [®]			1	
97 91 04 V02	089001	Tool set for photovoltaics for solar cable connectors MC4 [®]						2010
	073758		12 12 12	Precision Insulation Stripper with adapted blades 4/6/10 mm ²		4.0 – 10.0 mm ²	1	
	039648		95 16 165	Cable Shears		Ø 15 mm / 50 mm ²	1	
	071587		97 43 200 A	Crimp System Pliers for exchangeable crimping dies			1	
	074106		97 49 66 2	Set of Mounting Tools for solar cable connectors MC4 [®]			1	
	075066		97 49 71	Crimping die for solar cable connectors MC4 [®]		4.0 – 10.0 mm ²	1	
	075073		97 49 71 1	Locator for 97 49 71 (solar cable connectors MC4 [®])			1	
97 91 01 LE	088813	Tool set for photovoltaics empty						

TANOS MINI-systainer®

empty

- > T-Loc fastener for one-handed operation: open or close the systainer® with one turn and connect to a second systainer®
- > Opening when connected: fast and simple access to content without disconnecting



97 90 00 LE

Part No.	EAN 4003773-	Exterior width mm	Exterior height mm	Exterior depth mm	⚖ g
97 90 00 LE	054009	265 (254.5)	71 (53)	171 (154.5)	900



Crimp Assortments

for wire ferrules

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

97 90 05

- > With Crimping Pliers for wire ferrules 97 71 180

97 90 06

- > With Crimping Pliers for wire ferrules 97 71 180

97 90 09

- > With Self-Adjusting Crimping Pliers for wire ferrules 97 53 04

97 90 10

- > With Self-Adjusting Insulation Stripper 12 40 200;
with Self-Adjusting Crimping Pliers for wire ferrules 97 53 04

97 90 13

- > With KNIPEX Twistor®16 Self-Adjusting Crimping Pliers 97 53 18

97 90 14

- > With KNIPEX Twistor®16 Self-Adjusting Crimping Pliers 97 53 18 and
KNIPEX PreciStrip16 Automatic Insulation Stripper 12 52 195

97 90 15

- > With Crimping Pliers for wire ferrules 97 53 09 and
KNIPEX PreciStrip16 Automatic Insulation Stripper 12 52 195

97 90 16

- > With Crimping Pliers for wire ferrules 97 53 09
and Self-Adjusting Insulation Stripper 12 40 200

97 90 17

- > With Crimping Pliers for wire ferrules 97 53 09
and Self-Adjusting Insulation Stripper 12 42 195



97 90 23

- > With KNIPEX PreciForce Crimping Pliers for wire ferrules 97 52 38

97 90 27

- > With KNIPEX NexStrip® Multi-Tool for Electricians 12 72 190

Part No.	EAN 4003773-		Pliers	200 x mm ²	150 x mm ²	100 x mm ²	75 x mm ²	50 x mm ²	40 x mm ²	Δ g
97 90 05	025535		97 71 180	0.5/0.75/1/1.5/2.5	4/6			10 / 16		930
97 90 06	025542		97 71 180	0.5/0.75/1/1.5	2.5		4/6	10	16	1000
97 90 09	028574		97 53 04	0.5/0.75/1/1.5/2.5		4/6		10		1420
97 90 10	046202		12 40 200	0.5/0.75/1/1.5/2.5		4/6		10		1353
			97 53 04							
97 90 13	083474		97 53 18	0.5/0.75/1/1.5	2.5		4/6	10	16	1270
97 90 14	084884		97 53 18	0.5/0.75/1/1.5	2.5		4/6	10	16	1450
			12 52 195							
97 90 15	084877		97 53 09		1.5	1.5/2.5		6	4	1450
			12 52 195							
97 90 16	086024		12 40 200	0.5/0.75/1/1.5/2.5		4/6		10		1450
			97 53 09							
97 90 17	086031		12 42 195	0.5/0.75/1/1.5/2.5		4/6		10		1450
			97 53 09							
97 90 23	062158		97 52 38	0.5/0.75/1/1.5/2.5		4/6				1226
97 90 27	090021		12 72 190	0.5/0.75/1/1.5	2.5		4			1226
97 90 00 LE	054009	TANOS MINI-systainer® empty								900

Crimp Assortments

for cable connectors

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

97 90 21

- > With KNIPEX PreciForce Crimping Pliers for wire ferrules 97 52 36 (for insulated terminals and plug connectors)

97 90 22

- > With KNIPEX MultiStrip 10 Automatic Insulation Stripper 12 42 195 and KNIPEX PreciForce Crimping Pliers 97 52 36 (for insulated terminals and plug connectors)

97 90 25

- > With Crimping Pliers 97 22 240

97 90 26

- > With Crimping Pliers 97 32 240



97 90 21



97 90 22



97 90 25



97 90 26

Part No.	EAN 4003773-		Pliers	Cable Connectors	Quantity	Cable mm ²	Δ g
97 90 21	062134		97 52 36	Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1	1416
				Round sockets, Ø 4 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 4 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 5 mm	25	4 – 6	
				Cable connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
				Butt Connectors, insulated Red	25	1.5 – 2.5	
				Butt Connectors, insulated Blue	25	0.5 – 1	
				Round Pin Plugs, Ø 4 mm	25	4 – 6	
					25	1.5 – 2.5	
					25	0.5 – 1	
					25	1.5 – 2.5	
					25	0.5 – 1	
97 90 22	062141		97 52 36 12 42 195	Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1	1527
				Cable connectors, eye type, Ø 4 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 5 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 6 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 8 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 4 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 5 mm	25	4 – 6	
				Cable connectors, eye type, Ø 6 mm	25	4 – 6	
				Butt Connectors, insulated Red	25	0.5 – 1	
				Butt Connectors, insulated Blue	25	1.5 – 2.5	
				Butt Connectors, insulated Yellow	25	4 – 6	
					25	0.5 – 1.5	
97 90 25	076971		97 22 240	Blade term sock, 6.3 x 0.8 mm	25	1 – 2.5	1150
				Cable connectors, eye type, Ø 4 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 5 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 4 mm	25	4 – 6	
				Cable connectors, eye type, Ø 5 mm	25	0.5 – 1	
				Cable connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
				Cable connectors, eye type, Ø 8 mm	25	0.5 – 1	
				Butt Connectors, insulated Red	25	1.5 – 2.5	
				Butt Connectors, insulated Blue	25	0.5 – 1	
				Butt Connectors, insulated Yellow	25	1.5 – 2.5	
					25	4 – 6	
					25	1.5 – 2.5	
97 90 26	079521		97 32 240	Non-insulated Blade term sock, 6.3 x 0.8 mm	25	4 – 6	1420
				Blade term sock, 6.3 x 0.8 mm	25	0.5 – 1	
				Blade terminal plugs, 6.3 x 0.8 mm	25	0.5 – 1	
				Cable connectors, eye type Ø 4 mm	25	1.5 – 2.5	
				Butt Connectors, insulated Red	25	4 – 6	
				Butt Connectors, insulated Blue	25	0.5 – 1	
				Butt Connectors, insulated Yellow	25	1.5 – 2.5	
					25	0.5 – 1	
					25	4 – 6	
					25	0.5 – 1	
					25	1.5 – 2.5	
					25	0.5 – 1	
97 90 00 LE	054009	TANOS MINI-systainer® empty					900

00 11 01	158	00 20 09 V02	278	00 21 33 LE	315	03 05 180	7	12 62 180	21	20 01 160	53
00 11 02	159	00 20 09 V03	278	00 21 33 S	315	03 05 200	7	12 64 180	23	20 01 180	53
00 11 03	159	00 20 10	278	00 21 35	313	03 06 160	7	12 64 180 E01	23	20 02 140	53
00 11 04	159	00 20 11	278	00 21 35 LE	313	03 06 160	212	12 69 21	21	20 02 160	53
00 11 06	159	00 20 11 V01	278	00 21 36	316	03 06 180	7	12 69 23	21	20 05 140	53
00 11 06 V01	160	00 20 12	278	00 21 36 LE	316	03 06 180	212	12 72 190	22	20 05 160	53
00 11 06 V03	160	00 20 12 V01	279	00 21 37	317	03 06 180 T	7	12 74 180	23	20 06 160	53
00 11 06 V04	161	00 20 12 V02	279	00 21 37 LE	317	03 06 180 T	212	12 74 180 E01	23	20 06 160	212
00 11 07	161	00 20 12 V03	279	00 21 37 LE	318	03 06 200	7	12 80 040 SB	28	22 01 125	52
00 19 41	285	00 20 12 V04	279	00 21 37 M	318	03 06 200	212	12 80 100 SB	28	22 01 140	52
00 19 41 LE	285	00 20 12 V05	279	00 21 41	309	03 07 180	7	12 82 130 SB	29	22 01 160	52
00 19 50 LE	294	00 20 13	278	00 21 41 LE	309	03 07 180	213	12 85 110 SB	29	22 02 140	52
00 19 55 S11	114	00 20 15	213	00 21 41 LE	308	03 07 200	7	13 01 160	40	22 02 160	52
00 19 55 S11	286	00 20 15	331	00 21 42	307	03 07 200	213	13 02 160	40	22 05 140	52
00 19 55 S4	114	00 20 16	247	00 21 42 LE	307	08 21 145	8	13 05 160	40	22 05 160	52
00 19 55 S4	286	00 20 16	322	00 21 42 LE	306	08 21 185	8	13 42 165	41	22 06 160	52
00 19 55 S4 LE	286	00 20 16 LE	322	00 21 50 E	296	08 22 145	8	13 46 165	41	22 06 160	212
00 19 55 S4 LE	114	00 20 16 P	247	00 21 50 LE	294	08 22 185	8	13 46 165	212	25 01 125	54
00 19 55 S4 LE	286	00 20 16 P	322	00 21 50 LE	296	08 25 145	8	13 62 180	27	25 01 140	54
00 19 55 S5	121	00 20 16 P ESD	247	00 21 50 LE	297	08 25 185	8	13 66 180	27	25 01 160	54
00 19 55 S5	287	00 20 16 P ESD	322	00 21 50 S	297	08 26 145	8	13 66 180	212	25 02 140	54
00 19 55 S5 LE	287	00 20 17	247	00 21 50 V01	294	08 26 145	212	13 66 180 T	27	25 02 160	54
00 19 55 S5 LE	121	00 20 17	322	00 31 20 V01	280	08 26 145 T	8	13 66 180 T	212	25 03 125	54
00 19 55 S6	114	00 20 18	247	00 31 20 V02	280	08 26 145 T	212	13 71 8	44	25 05 140	54
00 19 55 S6	286	00 20 18	322	00 31 20 V03	280	08 26 185	8	13 72 200 ME	46	25 05 160	54
00 19 55 S6 LE	286	00 20 18 ESD	247	00 31 30 BK V01	282	08 26 185	212	13 72 8	44	25 06 160	54
00 19 55 S6 LE	114	00 20 18 ESD	322	00 31 30 BK V02	282	09 01 240	11	13 76 200 ME	46	25 06 160	212
00 19 55 S7	114	00 20 72 V01	277	00 31 30 BK V03	282	09 02 240	11	13 81 200	43	25 06 160 T	54
00 19 55 S7	286	00 20 72 V02	277	00 31 31 V01 SB	280	09 11 240	11	13 82 200	43	25 06 160 T	212
00 19 55 S8	121	00 20 72 V04	277	00 50 50 T LE	326	09 12 240	11	13 86 200	43	25 21 160	54
00 19 55 S8	287	00 20 72 V04 XS	276	00 50 51 T LE	326	10 98 I220	148	13 86 200	212	25 25 160	54
00 19 55 S8 LE	287	00 20 72 V06	277	00 61 10 C V01	260	10 99 I220	148	13 91 200	43	25 26 160	54
00 19 55 S8 LE	121	00 20 90 V01	282	00 61 10 C V02	260	11 01 160	26	13 92 200	43	25 26 160	212
00 19 55 S9	121	00 20 90 V02	282	00 61 10 CA	260	11 02 160	26	13 96 200	43	26 11 200	55
00 19 55 S9	287	00 21 02 EL	323	00 61 10 CB	260	11 05 160	26	13 96 200	212	26 12 200	55
00 19 56	76	00 21 02 LE	323	00 61 10 CG	260	11 06 160	26	13 96 200 T	43	26 13 200	55
00 19 56	288	00 21 05 EV	213	00 61 10 CM	260	11 06 160	212	14 22 160	48	26 15 200	55
00 19 56 LE	288	00 21 05 LE	298	00 61 10 CO	260	11 06 160 T	26	14 25 160	48	26 16 200	55
00 19 56 V01	76	00 21 05 LE	299	00 61 10 CR	260	11 06 160 T	212	14 26 160	48	26 16 200	212
00 19 56 V01	288	00 21 06	302	00 61 10 CS	260	11 09 01	26	14 26 160	212	26 16 200 T	55
00 19 57	76	00 21 06 HK S	303	00 61 10 CV	260	11 09 01	27	15 11 120	256	26 16 200 T	212
00 19 57	288	00 21 06 HL S	301	00 61 10 CW	260	11 12 160	26	15 19 005	256	26 17 200	55
00 19 57 V01	76	00 21 06 LE	301	00 61 10 CY	260	11 92 140	49	15 19 006	256	26 17 200	213
00 19 57 V01	288	00 21 06 LE	302	00 62 10 TR	261	12 11 180	25	15 19 008	256	26 21 200	55
00 19 58 LE	288	00 21 06 LE	303	00 63 06 TCR	261	12 12 02	25	15 19 010	256	26 22 200	55
00 19 58 LE	289	00 21 06 LE	304	01 06 160	6	12 12 06	25	15 51 160	28	26 25 200	55
00 19 58 V01	77	00 21 06 LE	300	01 06 160	212	12 12 10	25	15 61 160	28	26 25 200 T	55
00 19 58 V01	289	00 21 06 M	304	01 06 190	6	12 12 11	25	15 81 160	28	26 26 200	55
00 19 58 V02	77	00 21 07 LE	324	01 06 190	212	12 12 12	25	16 20 16 SB	36	26 26 200	212
00 19 58 V02	289	00 21 08 LE	324	02 01 180	10	12 12 13	25	16 20 165 SB	36	26 26 200 T	55
00 19 61 LE	290	00 21 10 LE	324	02 01 200	10	12 12 14	25	16 20 28 SB	36	26 26 200 T	212
00 19 61 V01	290	00 21 11	325	02 01 225	10	12 19 02	25	16 20 50 SB	38	26 27 200	55
00 19 61 V02	290	00 21 11 LE	325	02 02 180	10	12 19 06	25	16 29 165	36	26 27 200	213
00 19 72 LE	277	00 21 15	213	02 02 200	10	12 19 10	25	16 30 135 SB	36	28 01 200	56
00 19 72 XS LE	276	00 21 15	331	02 02 225	10	12 19 11	25	16 30 145 SB	36	28 21 200	56
00 19 75 LE	276	00 21 15 LE	331	02 05 180	10	12 19 12	25	16 39 135	36	28 71 280	56
00 19 75 LE	171	00 21 19 LB	328	02 05 200	10	12 19 13	25	16 40 150	37	28 81 280	56
00 19 92 V01 LE	257	00 21 19 LB	329	02 05 225	10	12 19 14	25	16 49 150	37	29 11 160	57
00 19 92 V01 LE	291	00 21 19 LB	330	02 06 180	10	12 19 180	25	16 50 145 E01	39	29 21 160	57
00 19 92 V02 LE	257	00 21 19 LB E	329	02 06 180	212	12 21 180	25	16 50 145 E02	39	29 25 160	57
00 19 92 V02 LE	291	00 21 19 LB LE	328	02 06 200	10	12 29 180	25	16 50 145 SB	39	30 11 140	58
00 20 01 V02	78	00 21 19 LB LE	329	02 06 200	212	12 40 200	18	16 60 05 SB	35	30 11 160	58
00 20 01 V02	281	00 21 19 LB LE	330	02 06 225	10	12 42 195	19	16 60 06 SB	35	30 13 140	58
00 20 01 V15	281	00 21 19 LB S	330	02 06 225	212	12 49 01	18	16 60 100 SB	34	30 13 160	58
00 20 01 V16	281	00 21 19 LB WK	328	03 01 140	7	12 49 04	18	16 64 125 SB	33	30 15 140	58
00 20 01 V17	281	00 21 19 LB WK	329	03 01 160	7	12 49 05	18	16 65 125 SB	34	30 15 160	58
00 20 03 SB	78	00 21 19 LB WK	330	03 01 180	7	12 49 21	19	16 80 125 SB	32	30 16 160	58
00 20 03 SB	283	00 21 20	320	03 01 200	7	12 49 21	22	16 80 175 SB	33	30 16 160	212
00 20 03 V02	79	00 21 20 LE	319	03 01 250	7	12 49 23	18	16 85 125 SB	32	30 21 140	58
00 20 03 V02	283	00 21 20 LE	320	03 02 160	7	12 49 23	19	16 90 130 SB	32	30 21 160	58
00 20 04 SB	78	00 21 21 HK S	321	03 02 180	7	12 49 23	20	16 95 01 SB	30	30 25 160	58
00 20 04 SB	283	00 21 25	79	03 02 200	7	12 49 23	22	16 95 02 SB	30	30 31 160	58
00 20 04 V01	79	00 21 25	331	03 03 110	6	12 49 31	20	16 95 03 SB	31	30 33 160	58
00 20 04 V01	283	00 21 33 E	314	03 05 140	7	12 49 32	20	20 01 125	53	30 35 160	58
00 20 09 V01	278	00 21 33 LE	314	03 05 160	7	12 52 195	20	20 01 140	53	30 36 160	58

30 36 160	212	44 11 J2	68	48 31 J0	71	70 02 180	94	74 02 180	99	78 23 125	231
31 11 160	59	44 11 J3	68	48 31 J1	71	70 05 125	94	74 02 200	99	78 31 125	231
31 15 160	59	44 11 J4	68	48 31 J2	71	70 05 140	94	74 02 250	99	78 41 125	231
31 21 160	59	44 13 J0	68	48 31 J3	71	70 05 160	94	74 05 140	99	78 61 125	231
31 25 160	59	44 13 J1	68	48 41 J01	71	70 05 180	94	74 05 160	99	78 61 125 ESD	231
32 11 135	60	44 13 J2	68	48 41 J11	71	70 06 125	94	74 05 180	99	78 61 140	232
32 21 135	60	44 13 J3	68	48 41 J21	71	70 06 125	212	74 05 200	99	78 61 140 ESD	232
32 31 135	60	44 13 J4	68	48 41 J31	71	70 06 140	94	74 05 250	99	78 71 125	231
33 01 160	60	44 19 J5	74	49 11 A0	72	70 06 140	212	74 06 160	99	78 71 125 ESD	231
33 03 160	60	44 19 J6	74	49 11 A1	72	70 06 160	94	74 06 160	212	78 81 125	231
34 12 130	242	44 20 J51	74	49 11 A2	72	70 06 160	212	74 06 180	99	78 91 125	231
34 12 130 ESD	243	44 20 J61	74	49 11 A3	72	70 06 160 T	94	74 06 180	212	79 02 120	234
34 22 130	242	44 21 J01	68	49 11 A4	72	70 06 160 T	212	74 06 200	99	79 02 120 ESD	235
34 22 130 ESD	243	44 21 J11	68	49 21 A01	72	70 06 180	94	74 06 200	212	79 02 125	234
34 32 130	242	44 21 J21	68	49 21 A11	72	70 06 180	94	74 06 200 T	99	79 02 125 ESD	235
34 32 130 ESD	243	44 21 J31	68	49 21 A21	72	70 06 180	212	74 06 200 T	212	79 02 125 S1	234
34 42 130	242	44 21 J41	68	49 21 A31	72	70 06 180 T	94	74 06 250	99	79 12 125	234
34 42 130 ESD	243	44 23 J11	68	49 21 A41	72	70 06 180 T	212	74 06 250	212	79 12 125 ESD	235
34 52 130	242	44 23 J21	68	49 31 A0	73	70 07 160	94	74 06 250 T	99	79 22 120	234
34 52 130 ESD	243	44 23 J31	68	49 31 A1	73	70 07 160	213	74 06 250 T	212	79 22 120 ESD	235
35 11 115	244	44 29 J51	74	49 31 A2	73	70 07 180	94	74 07 200	99	79 22 125	234
35 12 115	244	44 29 J61	74	49 31 A3	73	70 07 180	94	74 07 200	213	79 22 125 ESD	235
35 12 115 ESD	245	44 31 J02	68	49 41 A01	73	70 07 180	213	74 07 250	99	79 32 125	234
35 21 115	244	44 31 J12	68	49 41 A11	73	70 15 110	94	74 07 250	213	79 32 125 ESD	235
35 22 115	244	44 31 J22	68	49 41 A21	73	70 26 160	94	74 12 160	99	79 42 125	234
35 22 115 ESD	245	44 31 J32	68	49 41 A31	73	70 26 160	212	74 12 180	99	79 42 125 ESD	235
35 31 115	244	44 31 J42	68	50 00 160	82	71 01 160	100	74 21 200	99	79 42 125 Z	234
35 32 115	244	45 11 170	75	50 00 180	82	71 01 200	101	74 21 250	99	79 42 125 Z ESD	235
35 32 115 ESD	245	45 21 200	75	50 00 210	82	71 01 250	103	74 22 200	99	81 01 250	129
35 41 115	244	46 10 A5	74	50 00 225	82	71 02 200	101	74 22 250	99	81 03 250	129
35 42 115	244	46 10 A6	74	50 00 250	82	71 02 200 T	101	75 02 125	233	81 11 250	129
35 42 115 ESD	245	46 11 A0	69	50 01 160	82	71 12 200	101	75 12 125	233	81 13 250	129
35 52 145	244	46 11 A1	69	50 01 180	82	71 21 200	102	75 22 125	233	81 19 250 V01	129
35 52 145 ESD	245	46 11 A2	69	50 01 210	82	71 22 200	102	76 01 125	95	81 19 250 V02	129
35 62 145	244	46 11 A3	69	50 01 225	82	71 22 200 T	102	76 03 125	95	82 01 150	115
35 62 145 ESD	245	46 11 A4	69	50 01 250	82	71 31 160	100	76 05 125	95	82 01 200	115
35 82 145	244	46 11 G0	75	51 01 210	82	71 31 200	103	76 12 125	95	82 01 250	115
35 82 145 ESD	245	46 11 G1	75	55 00 300	83	71 31 250	103	76 22 125	95	82 02 150	115
35 82 145 ESD	245	46 11 G2	75	61 01 200	106	71 32 200	103	76 81 125	95	82 02 200	115
36 12 130	246	46 11 G3	75	61 02 200	106	71 32 200 T	103	77 01 115	237	82 02 250	115
36 22 125	246	46 11 G4	75	62 12 120	241	71 41 200	102	77 02 115	237	82 150 E01	115
36 32 125	246	46 13 A0	69	64 01 115	241	71 42 200	102	77 02 115 ESD	238	82 200 E01	115
37 11 125	61	46 13 A1	69	64 02 115	241	71 72 460	104	77 02 120 H	239	82 250 E01	115
37 13 125	61	46 13 A2	69	64 02 115 ESD	241	71 72 610	104	77 02 120 H ESD	239	83 10 010	127
37 21 125	61	46 13 A3	69	64 11 115	241	71 72 760	104	77 02 130	237	83 10 015	127
37 23 125	61	46 19 A5	74	64 12 115	241	71 72 910	104	77 02 130 ESD	238	83 10 020	127
37 31 125	61	46 19 A6	74	64 12 115 ESD	241	71 79 460	104	77 11 115	237	83 10 030	127
37 33 125	61	46 20 A51	74	64 22 115	241	71 79 610	104	77 12 115	237	83 10 040	127
38 11 200	62	46 20 A61	74	64 22 115 ESD	241	71 79 760	104	77 12 115 ESD	238	83 20 010	127
38 15 200	62	46 21 A01	69	64 32 120	241	71 79 910	104	77 21 115 N	237	83 20 015	127
38 21 200	62	46 21 A11	69	64 32 120 ESD	241	71 82 950	105	77 22 115	237	83 20 020	127
38 25 200	62	46 21 A21	69	64 42 115	241	71 89 950	105	77 22 115 ESD	238	83 30 005	128
38 31 200	62	46 21 A31	69	64 52 115	241	72 01 140	90	77 32 115	237	83 30 010	128
38 35 200	62	46 21 A41	69	64 62 120	241	72 01 160	90	77 32 115 ESD	238	83 30 015	128
38 71 200	62	46 23 A01	69	64 62 120 ESD	241	72 01 180	90	77 32 120 H	239	83 30 020	128
38 91 200	62	46 23 A11	69	64 72 120	241	72 02 125	90	77 32 120 H ESD	239	83 30 030	128
38 95 200	62	46 23 A21	69	67 01 140	107	72 09 01	90	77 32 130	237	83 60 010	128
40 04 180	63	46 23 A31	69	67 01 160	107	72 11 160	90	77 32 130 ESD	238	83 60 015	128
40 04 250	63	46 29 A51	74	67 01 200	107	72 21 160	90	77 42 115	237	83 60 020	128
40 14 250	63	46 29 A61	74	68 01 160	83	72 51 160	91	77 42 115 ESD	238	83 61 010	128
41 04 180	64	46 31 A02	69	68 01 160	107	72 62 200	91	77 42 130	237	83 61 015	128
41 04 250	64	46 31 A12	69	68 01 180	107	73 02 160	96	77 42 130 ESD	238	83 61 020	128
41 04 300	64	46 31 A22	69	68 01 180	83	73 06 160	96	77 52 115	237	84 11 200	154
41 14 250	64	46 31 A32	69	68 01 200	83	73 06 160	212	77 52 115 ESD	238	84 21 200	154
41 24 225	64	46 31 A42	69	68 01 200	107	73 06 160 T	212	77 72 115	237	85 01 250	116
41 34 165	64	48 11 J0	70	68 01 280	107	73 71 180	97	77 72 115 ESD	238	85 51 180 A	155
41 44 200	64	48 11 J1	70	68 01 280	83	73 72 180	97	77 82 130	237	85 51 180 A	155
42 14 280	65	48 11 J2	70	70 01 110	94	73 72 180 F	97	77 82 130 ESD	238	85 51 180 C	156
42 24 280	65	48 11 J3	70	70 01 125	94	74 01 140	99	78 03 125	231	85 51 180 C	156
42 34 280	65	48 11 J4	70	70 01 140	94	74 01 160	99	78 03 125 ESD	231	85 51 250 A	155
42 44 280	65	48 21 J01	70	70 01 160	94	74 01 180	99	78 03 140	232	85 51 250 AF	155
44 10 J5	74	48 21 J11	70	70 01 180	94	74 01 200	99	78 03 140 ESD	232	85 51 250 C	156
44 10 J6	74	48 21 J21	70	70 02 125	94	74 01 250	99	78 06 125	231	85 59 250 A	155
44 11 J0	68	48 21 J31	70	70 02 140	94	74 02 140	99	78 13 125	231	85 59 250 C	156
44 11 J1	68	48 21 J41	70	70 02 160	94	74 02 160	99	78 13 125 ESD	231	86 01 180	111

86 01 250	111	87 51 180	123	90 79 220 40	157	94 19 215	151	95 3X E01	174	97 49 66	194
86 01 300	111	87 51 250	123	90 79 220 50	157	94 35 215	151	95 3X E02	173	97 49 66 1	194
86 02 180	111	87 26 250 T	122	91 00 200	157	94 39 215 01	151	95 3X E02	174	97 49 66 2	195
86 02 250	111	88 01 180	125	91 91 180	157	94 39 215 02	151	95 41 165	168	97 49 70	194
86 03 125	111	88 01 250	125	92 00 01 ESD	257	94 55 200	150	95 61 150	177	97 49 71	194
86 03 150	111	88 01 300	125	92 00 01 ESD	291	94 59 200 01	150	95 61 190	177	97 49 71 1	194
86 03 180	111	88 01 400	126	92 00 04	257	94 59 200 02	150	95 62 160	176	97 49 74	194
86 03 250	111	88 02 180	125	92 00 04	291	95 02 21	151	95 62 160 TC	176	97 49 90	192
86 03 300	111	88 02 250	125	92 00 05 ESD	257	95 03 160 SB	152	95 62 190	177	97 49 91	192
86 03 300 SB	111	88 02 250 T	125	92 00 05 ESD	291	95 05 10 SB	170	95 62 190 T	177	97 49 93	193
86 03 400	113	88 02 300	125	92 08 78 ESD	253	95 05 140	152	97 21 215	200	97 49 94	192
86 04 100	112	88 02 300 T	125	92 08 79 ESD	253	95 05 155 SB	170	97 21 215 B	200	97 49 95	192
86 05 150	111	88 03 180	125	92 09 01 ESD	254	95 05 165	170	97 21 215 C	200	97 50 01	203
86 05 150 S02	113	88 03 250	125	92 09 02 ESD	254	95 05 185	152	97 22 240	200	97 51 10	201
86 05 180	111	88 03 300	125	92 09 03 ESD	254	95 05 190	152	97 32 240	200	97 51 12	201
86 05 180 T	111	88 05 180	125	92 09 04 ESD	254	95 05 20 SB	171	97 33 01	187	97 51 13	201
86 05 250	111	88 05 250	125	92 09 05 ESD	254	95 06 230	170	97 33 02	187	97 51 E01	201
86 05 250 T	111	88 05 300	125	92 21 01 ESD	252	95 06 230	213	97 33 03	187	97 52 04	185
86 06 250	111	88 06 250	125	92 21 02 ESD	252	95 11 160	166	97 33 LE	187	97 52 05	185
86 06 250	212	88 06 250	212	92 21 03 ESD	252	95 11 165	168	97 39 05	187	97 52 06	185
86 09 150	113	88 07 250	125	92 21 07	250	95 11 200	169	97 39 06	187	97 52 08	185
86 09 180 V01	112	88 07 250	213	92 21 08	250	95 11 225	167	97 39 08	187	97 52 09	185
86 09 250 V01	112	90 10 165 BK	149	92 22 04	250	95 12 160	166	97 39 09	187	97 52 10	185
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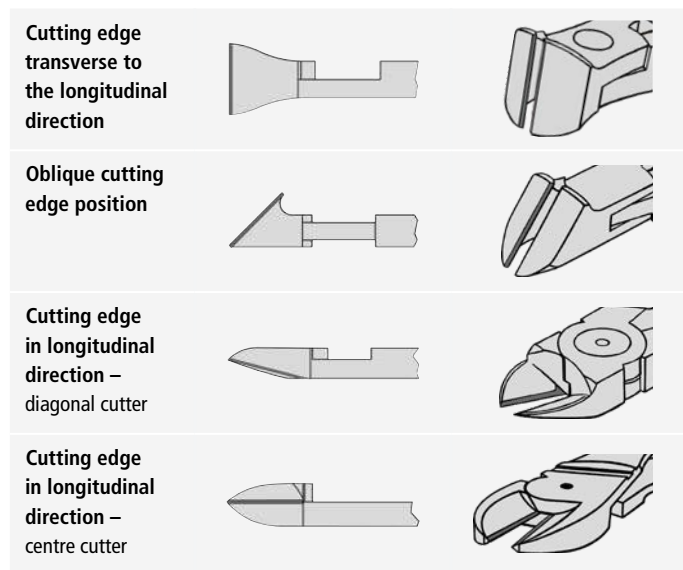
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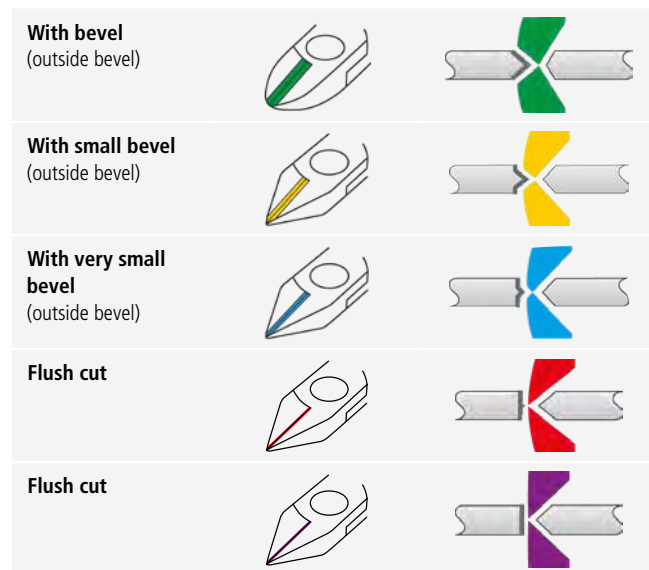


- | | |
|---|-------------------------|
| 1 | Point |
| 2 | Gripping surface |
| 3 | Recess (pipe grip) |
| 4 | Additional cutting edge |
| 5 | Jaw |
| 6 | Flank |

Direction and position of the cutting edges



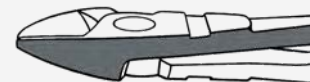
Cutting edge shapes DIN ISO 5742



Joint types

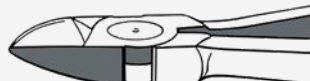
Lap joint

With the lap joint, which is used on carpenters' pincers, concretors' nippers and high leverage diagonal cutters, the two halves of the pliers lie on top of each other without being milled out. The pliers handle can thus be designed to be very robust.



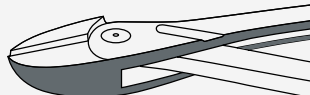
Single joint

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



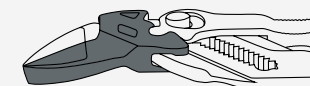
Box joint

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



Slip joint

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



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.



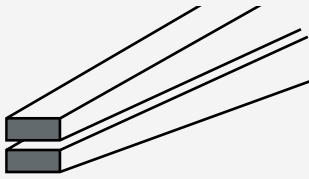
Care instructions

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!

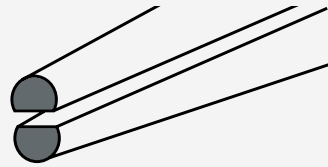


Basic jaw shapes

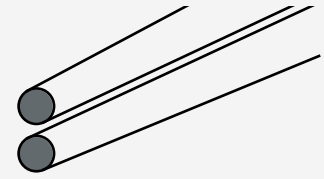
Flat nose pliers



Snipe nose pliers



Round nose pliers



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 thumb, 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 interlock 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

Cutting value table

Part No.	Length mm	 Ø mm	 Ø mm	 Ø mm	 Ø mm	Page
01 0	160			2.0	1.5	006
	190			2.5	2.0	006
02 0	180			2.5	2.0	010
	200			2.8	2.2	010
03 0	225			3.0	2.5	010
	110		2.5	1.6		006
	140		2.8	1.8		007
	160		3.1	2.0		007
	180		3.4	2.2		007
	200		3.8	2.5		007
	250		3.8	2.5		007
	145		3.0	2.0		008
08 2	185		3.8	3.0		008
	240		4.6	3.0		011
13 0	160		2.5	1.6		040
13 4	165		3.2	2.2		041
14 2	160	2.5	1.5			048
25 01/03	125		2.2	1.6		054
25 01/02/05	140		2.5	1.6		054
25 0/2	160		2.5	1.6		054
26 1/2	200		3.2	2.2		055
50 0	160		1.8			082
	180		2.0			082
	210		2.2			082
	225		2.2			082
	250		2.2			082
	210		2.2			082
51 01	300	2.0–3.0				083
55 00	200	1.0–6.0	4.0	3.5	3.0	106
62 12	120	0.3–1.0	0.7			241
64 0	115	2.0	1.0	0.6		241
64 11/12	115	1.4	0.8			241
64 22	115	0.8				241
64 32	120	1.5	1.0	0.5		241
64 42	115	1.5	1.0	0.5		241
64 52	115	1.3				241
64 62	120	0.6				241
64 72	120	1.5				241
67 0	140	4.0	3.1	2.0	1.5	107
	160	4.5	3.4	2.5	2.0	107
	200	5.0	3.8	3.0	2.5	107
	160	4.0	2.8	2.3		107
68 01	180	4.0	3.2	2.5		107
	200	4.0	3.5	2.8		107
	280	4.5	4.0	3.2		107
	110	3.0	2.0	1.2		094
70	125	3.0	2.3	1.5		094
	140	4.0	2.5	1.8		094
	160	4.0	3.0	2.0		094
	180	4.0	3.0	2.5		094
71	160	5.3	4.4	3.2	3.0	100
	200	6.0	5.2	4.0	3.6	101
	250		5.6	4.0	3.8	103

Part No.	Length mm	 Ø mm	 Ø mm	 Ø mm	 Ø mm	Page
71 31	160	5.3	4.8	3.6	3.3	100
	250		6.0	4.3	4.2	103
72 62	200	6.0				091
73 0	160	4.8	3.8	2.7	2.2	096
73 7	180	5.5	4.6	3.2	3.0	097
74	140		3.1	2.0	1.5	099
	160		3.4	2.5	2.0	099
	180		3.8	2.7	2.2	099
	200		4.2	3.0	2.5	099
	250		4.6	3.5	3.0	099
	125	0.2–1.3	1.0	0.6	0.4	233
75 02/12	125	0.2–1.3	0.9	0.4	0.3	233
76 01/03/05/12	125	0.4–3.0	2.3	1.5	0.6	095
76 22	125	0.4–2.5				095
76 81	125	0.4–1.7	1.3	0.8		095
77 01	115	0.3–1.6	1.2	0.6		237
77 02	115	0.3–1.6	1.2	0.6		237/238
	120	2.0	1.4	1.0	0.6	237/239
	130	0.3–2.0	1.5	0.8		237/238
	115	0.3–1.6	1.2	0.6		237/238
77 11/12	115	0.3–1.3	1.0			237
77 21	115	0.3–1.3	1.0			237/238
77 22	115	0.3–1.3	1.0			237/238
77 32	115	0.3–1.3	1.0	0.5		237/238
	120	1.6	1.0	0.6	0.2	239
	130	0.3–2.0	1.3	0.6		237/238
	115	0.3–1.3	0.8			237/238
77 42	130	0.3–1.6	1.3			237/238
	115	0.3–1.0	0.8	0.5		237/238
77 52	115	0.3–0.8				237/238
77 72	130	0.3–1.6	1.3			237/238
78 03/06/13	125	0.2–1.6	1.0			231
78 03	140	0.2–2.1	1.2			232
78 23	125	0.2–1.0	0.6			231
78 31/41	125	0.2–1.0				231
78 61/71	125	0.2–1.6	1.2			231
78 61	140	0.2–2.1	1.4			232
78 81/91	125	0.2–1.6	1.2	0.6		231
79 02	120	0.2–1.4	1.0	0.6		234/235
	125	0.2–1.7	1.3	0.7		234/235
79 12	125	0.3–1.7	1.3	1.0	0.6	234/235
79 22	120	0.1–1.3	0.8			234/235
	125	0.1–1.7	1.0			234/235
79 32	125	0.2–1.5	1.1	0.6		234/235
79 42	125	0.1–1.5	0.8			234/235
95 6	190			4.0	2.5	177
99 0	200		1.8	1.4		084
	220		2.4	1.6		084
	250		2.4	1.6		084
	280		2.8	1.8		084
	300		3.1	1.8		084
	250		3.3	1.8		085
99 1	300		3.8	2.0		085

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	

Note

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.

Structure of article number



Example of the item number on the pliers handle

Basic model e. g. KNIPEX Cobra® Hightech Water Pump Pliers	Style e. g. straight	Finish e. g. head polished, handles with multicomponent grips	Length e. g. 250 mm	Accessory e. g. Tethered- Tools- range
87	0	2	250	T



Safe working: very stable tether attachment, firmly welded to the handle grip for attaching a safety cord or adaptor sling

Head / handles

0	Pliers black atamentized, head polished	
1	Head polished, handles plastic coated	
2	Head polished, with comfort handles	
3	Pliers chrome plated, handles plastic coated	
4	Pliers chrome plated	
5	Pliers chrome plated, with comfort handles	
6	Pliers chrome plated, handles insulated with multi-component grips, VDE-tested	
7	Pliers chrome plated, handles with dipped insulation, VDE-tested	

Symbols

	Packing unit
ESD 	Electrostatic discharging, dissipative
	Insulated according to IEC 60900, usable up to 1000 V AC/1500 V DC
	VDE tested, also in compliance with GPSG (Equipment and Product Safety Act)
	Cu- + Al-multi-conductor cable, solid and multi-stranded
	Wire rope
	Ribbon cable
	Steel wire armoured cable (SWA)
	ACSR cable
	Soft wire
	Medium hard wire
	Hard wire
	Piano wire
	Square crimp automatic
	Hexagonal crimp automatic
	Four mandrel crimp
	Mandrel crimp
	Trapezoid crimp
	Oval crimp
	F-crimp
	Trapezoid indent crimp

	W-crimp
	Hexagonal crimp
	Square crimp
	Tyco crimp
	Western crimp
	Trapezoidal crimp front
	Hexagon
	Hexagonal screw
	Slotted screw
	Cross recessed screw
	PlusMinus cross recessed screw
	Pozidriv cross recessed screw
	Torx
	Capacity double-bit key
	Internal square 3/8"
	Internal square 1/2"
	Hexagonal socket
	12-point
	Driving Square
	Bit holder 1/4" (hexagon socket)
	With opening spring

	With lead catcher
	Internal circlip
	External circlip
	Retaining ring, straight
	Retaining ring, diagonal
	Grip ring
	Flat jaws
	Flat and pointed jaws
	Half-round jaws
	Round jaws
	Angle
	Smooth gripping surfaces
	Smooth-serrated gripping surfaces
	Knurled gripping surfaces
	Cross-hatched, knurled gripping surfaces
	Centre cutter
	Cutting edges with bevel
	Cutting edges with small bevel
	Cutting edges with very small bevel
	Cutting edges without bevel
	For flush cut of soft materials

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