KNIPEX Quality – Made in Germany

PLIERS



GENERAL CATALOGUE

FORM FOLLOWS FUNCTION

Our new three component comfort handles



NEW

KNIPEXTEND

The new KNIPEX comfort handles

Evolution of ergonomics

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



- **Grey: soft component with special surface structure for more grip and control**
- **Blue: soft component for a secure and comfortable grip**
- **Red: high strength for maximum durability**
- **Inscription area for customisation is well protected against abrasion**
- **Two KNIPEXtend interfaces for extensions**

KNIPEXTEND

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

Your tool, your colour

Tag your tools with the KNIPEX ColorCode Clip





KNIPEX ColorCode Clips



Your clip, your pliers, your idea!

For 3D printer fans:
Use our data* from www.knipex.com
to realise your own clip ideas!





* 3D data available from market launch

KNIPEXTEND

A safe connection

TetheredTool Clip: our link for fall protection.



KNIPEX TetheredTool Clip













- **Compliant with ANSI/ISEA 121-2018**

ANSI = **A**merican **N**ational **S**tandards **I**nstitute
ISEA = **I**nternational **S**afety **E**quipment **A**ssociation

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COMBINATION PLIERS

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08 25 185

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 06 180 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



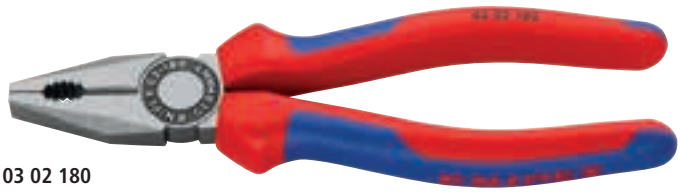




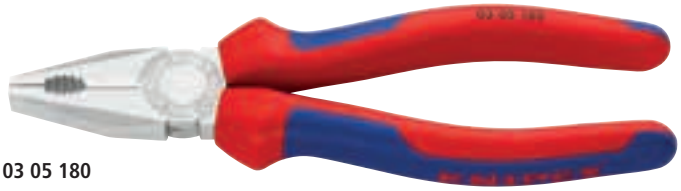




03 01 180



03 02 180



03 05 180



03 06 180 T



03 07 200

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²	g
03 01 140	015192	140		black atramentized	polished	plastic coated	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					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		black atramentized	polished	with multi-component grips	3.1	2.0	10.0	16	223
03 02 180	023197	180					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		chrome-plated	chrome-plated	with multi-component grips	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					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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.1	2.0	10.0	16	228
03 06 180	021926	180	1000 V				3.4	2.2	12.0	16	264
03 06 200	033776	200	1000 V				3.8	2.5	13.0	16	355
03 06 180 T	081395	180	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	3.4	2.2	12.0	16	270
03 07 160	015307	160	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	3.1	2.0	10.0	16	254
03 07 180	015314	180	1000 V				3.4	2.2	12.0	16	285
03 07 200	015321	200	1000 V				3.8	2.5	13.0	16	339
03 07 250	015345	250	1000 V				3.8	2.5	15.0	25	597

* Other tools with tethering can be found from page 294

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 02 225 T*
> Pliers with tether attachment point for a tool tether





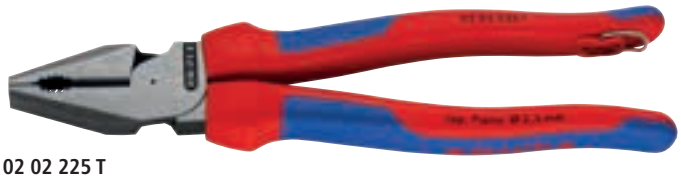




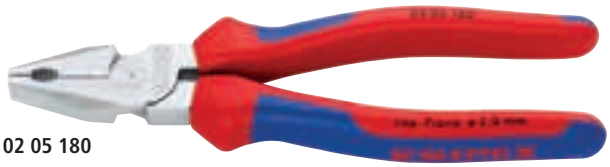
02 01 200



02 02 180



02 02 225 T



02 05 180



02 06 180



02 07 225

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²	g
02 01 180	033134	180		black atramentized	polished	plastic coated	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 atramentized	polished	with multi-component grips	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 02 225 T	079934	225		black atramentized	polished	with multi-component grips and integrated tether attachment point	3.0	2.5	14.0	25	410
02 05 180	043072	180		chrome-plated	chrome-plated	with multi-component grips	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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2.5	2.0	11.5	16	247
02 06 200	010029	200	1000 V				2.8	2.2	13.0	25	343
02 06 225	010036	225	1000 V				3.0	2.5	14.0	25	425
02 07 200	022299	200	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	2.8	2.2	13.0	25	380
02 07 225	022305	225	1000 V				3.0	2.5	14.0	25	486

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
> Forged from special high grade tool steel, manifold oil-hardened
> DIN ISO 5746

08 22 145 T* / 08 26 145 T*
> Pliers with integrated insulated tether attachment point for a tool tether

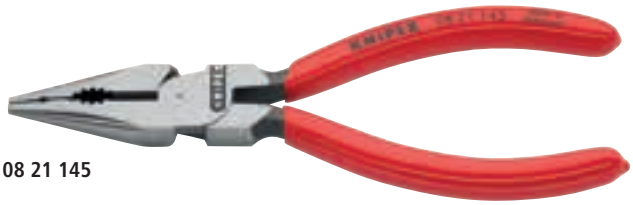


Firm grip also on flat material due to three-point rest



Tip keeps its shape even during greater torsional forces





08 21 145



08 22 145 T



08 25 145



08 26 145



08 21 185



08 22 185



08 25 185



08 26 185

* Other tools with tethering can be found from page 294



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	◕ Ø mm	⊛ Ø mm	⊛ mm²	⚖ g
08 21 145	078951	145	PATENTED	black atramentized	polished	plastic coated	3.0	2.0	8.0	16	116
08 21 185	088325	185	PATENTED	black atramentized	polished	plastic coated	3.8	3.0	13.0	25	213
08 22 145	078968	145	PATENTED	black atramentized	polished	with multi-component grips	3.0	2.0	8.0	16	145
08 22 145 T	080640	145	PATENTED	black atramentized	polished	with multi-component grips and integrated tether attachment point	3.0	2.0	8.0	16	150
08 22 185	088332	185	PATENTED	black atramentized	polished	with multi-component grips	3.8	3.0	13.0	25	213
08 25 145	078975	145	PATENTED	chrome-plated	chrome-plated	with multi-component grips	3.0	2.0	8.0	16	145
08 25 185	088349	185	PATENTED	chrome-plated	chrome-plated	with multi-component grips	3.8	3.0	13.0	25	213
08 26 145	079361	145	PATENTED 1000 V	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	PATENTED 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	3.0	2.0	8.0	16	155
08 26 185	088356	185	PATENTED 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.8	3.0	13.0	25	213

Combination Pliers

Chrome Vanadium

- 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
> DIN ISO 5746, DIN EN 60900, IEC 60900



01 06 160



01 06 160

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²	g
01 06 160	040729	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2.0	1.5	10.0	16	220
01 06 190	040415	190					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 motorcycle 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



08 05 110

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²	g
08 05 110	034957	110		chrome-plated	chrome-plated	with multi-component grips	2.5	1.6	9.0	10	85

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 T* / 09 12 240 T*
> Pliers with tether attachment point for mounting a fall protection system

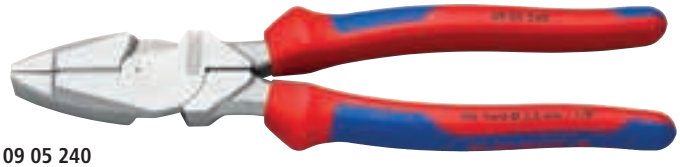
09 11 240 / 09 12 240 / 09 12 240 T
> With fish tape puller in the joint gap
> With universal mandrel crimping point below the joint



09 01 240



09 02 240 T



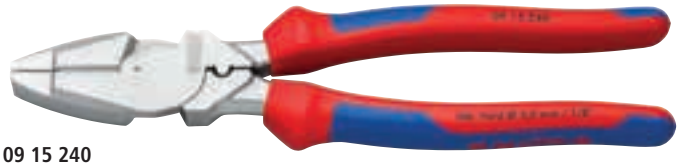
09 05 240



09 11 240



09 12 240 T



09 15 240



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



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



Long cutting edges for cutting flat cables



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

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	◕ Ø mm	⚖ g
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 multi-component grips	4.6	3.0	470
09 02 240 T	079941	240		black atramentized	polished	with multi-component grips and integrated tether attachment point	4.6	3.0	460
09 05 240	087380	240		chrome-plated	chrome-plated	with multi-component grips	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 multi-component grips	4.6	3.0	470
09 12 240 T	079958	240		black atramentized	polished	with slim multi-component grips, with integrated tether attachment point for a tool tether	4.6	3.0	455
09 15 240	087397	240		chrome-plated	chrome-plated	with multi-component grips	4.6	3.0	455

* Other tools with tethering can be found from page 294

WIRE STRIPPERS AND DISMANTLING TOOLS

KNIPEX MultiStrip 10 – Automatic Insulation Stripper	018
KNIPEX PreciStrip16 – Automatic Insulation Stripper	019
Self-Adjusting Insulation Stripper	020
KNIPEX NexStrip® – Multi-Tool for Electricians	021
Automatic Insulation Stripper	022
Automatic Insulation Stripper for flat cable	023
Automatic Stripping Pliers	023
Precision Insulation Strippers with adapted blades	024
Insulation Strippers with adapted blades	025
Insulation Strippers	026
KNIPEX StriX® – Insulation strippers with cable shears	027
Mini Wire Strippers	029
Wire Stripper for fibre optics	029
Stripping tool for fibre optics cable	030
KNIPEX ErgoStrip® – Universal Stripping Tool	031
Universal Stripping Tools	032
Cable Knives	038
Stripping Knives	038
Folding Knife for Electricians	039
Electricians' Pliers	040
Stripping Pliers	041
Pliers for Electrical Installation	042
WireStripper – Multifunction Electrician Pliers	044
WireStripper – metric version	046
Diagonal Insulation Strippers	048
Electronics Wire Stripping Shears	049
Electronics Wire Stripper	049


.5
0.8
1.5
2.5
4.0
1.0
1.5
2.5
4–6
STRANDED
SOLID
KNIPEX
1000 V
13 76 200 ME
cap.
50mm

13 76 200

KNIPEX MultiStrip 10

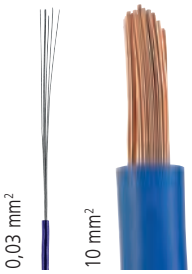
Automatic Insulation Stripper

- Stripping without re-adjustment from 0.03 to 10.0 mm² (only at constant temperatures)
- Recessed wire cutter
- Recommended for industrial use due to long-term process reliability



12 42 195

> Fully automatic adjustment to fine-stranded conductors with standard insulation throughout the entire capacity range from 0.03 to 10.0 mm²
> Universal blade geometry – robust and more durable
> With recessed wire cutter for Cu and Al conductors, stranded up to 10 mm² and single wire up to 6 mm²
> 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





Wire cutter for multiple stranded wire cables up to 10.0 mm²



Patented mechanics

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

There is no need for any manual adjustment which is still necessary when other conventional pliers with a wide wire-stripping range are used.



Steel clamping jaws avoid slipping of the cable

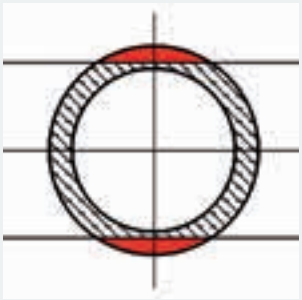


Precise stripping from 0.03 to 10 mm² without re-adjustment

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.



Article No.	EAN 4003773-	↔ mm		Stripping capacities mm²	AWG	⚖ g
12 42 195	054580	195	PATENTED	0.03 – 10	32 – 8	136

12 49 21	057581	Spare blades block
12 49 23	057604	Spare length stop for 12 42 / 52 195, 12 72 190

KNIPEX PreciStrip16

- 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
> 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



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

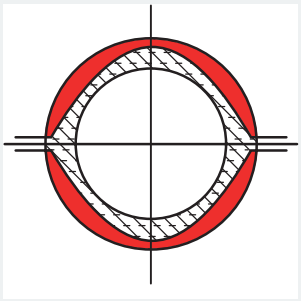


For special requirements, such as particularly hard or soft insulation materials, optimum fine adjustments can be made using the adjusting wheel with its tactile locking positions

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.





With cable cutter on the top side for up to 16 mm²

Article No.	EAN 4003773-	↔ mm	Stripping capacities mm²	AWG	⚖ g
12 52 195	085829	190	0.08 – 16	28 – 6	180

12 49 23	057604	Spare length stop for 12 42 / 52 195, 12 72 190
12 49 31	086000	Spare blades block for 12 52 195, 12 72 190
12 49 32	086253	Spare knife block with special knives for 12 52 195

Self-Adjusting Insulation Strippers

> Stripping from 0.03 to 10.0 mm²
> For single, multiple and fine stranded conductors with plastic or rubber insulation
> Adapts automatically to the respective cable cross-section; prevents damage to the conductor
> Cutting depth can be adjusted for different insulation materials
> With wire cutter for copper and aluminium wires, multiple stranded up to 10 mm² and single stranded up to 6 mm²
> Smoothly operating mechanism
> Stripping blades and clamping jaws easily replaceable
> Low weight
> Body: plastic, fibreglass-reinforced
> Blade: special tool steel, oil-hardened



12 40 200





Adjustable length stop



Precise stripping prevents damage to the conductor



Article No.	EAN 4003773-	↔ mm		Stripping capacities mm²	AWG	⚖ g
12 40 200	026662	200	⩘	0.03 – 10	32 – 8	202

12 49 01	026679	1 pair of spare blades for 12 40 200
12 49 02	026686	1 pair of spare clamping jaws for 12 40 200
12 49 03	026693	Spare length stop 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

KNIPEX NexStrip®

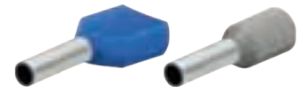
Multi-Tool for Electricians

- 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 ratchet 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)
> Cleanly cuts conductors up to 10 mm² (AWG 8)
> 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)



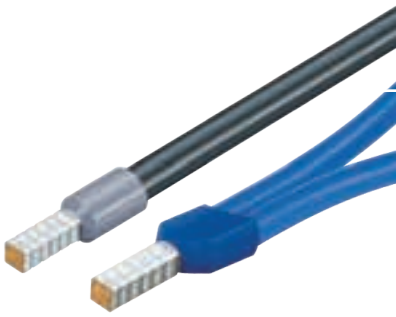
12 72 190



2 x 2.5 mm² 4 mm²



2.5 mm² 0.5 mm² 0.25 mm²





The positive lock always ensures the always ensures the perfect contact pressureer





With cable cutter for conductors up to 10 mm²



Automatic stripping up to 10 mm²



Square crimping point for wire end ferrules 0.25 – 4 mm²



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

Article No.	EAN 4003773-	↔ mm	Stripping capacities mm²	AWG	⚖ g
12 72 190	088165	190	0.03 – 10	32 – 8	170

12 49 21	057581	Spare blades block
12 49 23	057604	Spare length stop

Automatic Insulation Stripper

- Strips cables with standard materials without any need for manual adjustment
- Fine adjustable zero correction of the blade setting to special material requirements, e.g. due to large temperature differences
- Compact, handy and lightweight tool for common cable cross-sections and insulating materials

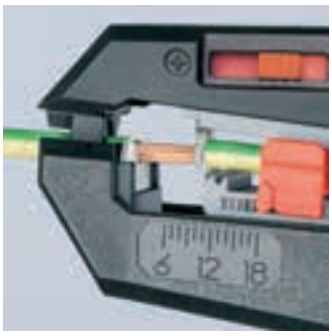
> For single, multiple and fine stranded cables of 0.2 up to 6 mm² with standard insulation
> Narrow head style for use in confined areas
> With wire cutter for copper and aluminium wires up to 2.5 mm²
> With adjustable length stop from 6 – 18 mm for constant stripping lengths
> Body: glass fibre reinforced plastic
> Blades: special tool steel, oil-hardened, interchangeable



12 62 180









Article No.	EAN 4003773-	↔ mm		Stripping capacities mm²	AWG	⚖ g
12 62 180	054573	180		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

Automatic Insulation Stripper for flat cable



12 64 180

> For PVC insulated flat cables up to a max. 12 mm width and 0.75 to 2.5 mm²
> Adapts automatically to various conductor heights; prevents damage to the conductor
> Long stripping lengths possible
> Blade replaceable
> Smoothly operating mechanism
> Low weight
> Body: glass fibre reinforced plastic
> Blade: special tool steel, oil-hardened



Article No.	EAN 4003773-	↔ mm		Stripping capacities mm²	AWG	⚖ g
12 64 180	073284	180		0.75 – 2.5	18 – 14	125
12 69 31	073932	1 pair of spare blades for 12 64 180				

Automatic Stripping Pliers

- For control and sensor cables / actuator cables, also for stripping flexible feeding and extension cables
- Automatic adjustment to cables between Ø 4.4 mm and Ø 7.5 mm
- No damage to the inner conductor or shield braid



12 74 180 SB

> For oil-resistant, halogen-free control and sensor / actuator cables with multicore cable design
> Suitable for highly flexible TPE-U-pipes, PUR and PVC cable sheathing, rubber leads such as H05 etc.
> Long stripping lengths possible
> Body: glass fibre reinforced plastic
> Blades: special tool steel, oil-hardened, interchangeable



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



Required stripping length easy to read off

Article No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	⚖ g
12 74 180 SB	082323	175		4.4 – 7.5	145
12 79 31	082682	1 pair of spare blades for 12 74 180 SB			

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

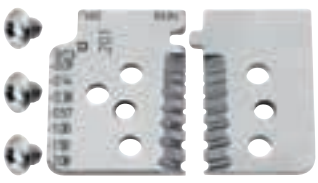


Positive stripping due to precise shape of the blades

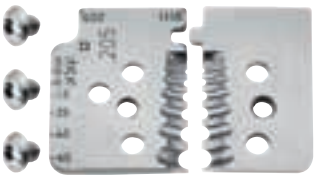


12 12 02 with cable guide and length stop

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



12 19 02



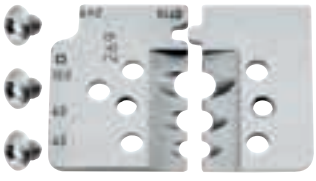
12 19 06



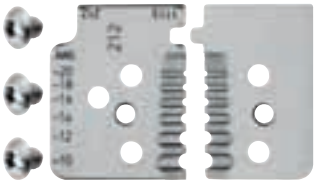
12 19 10



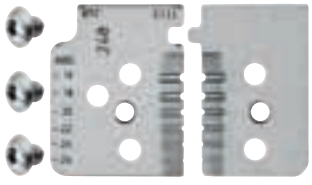
12 19 11



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.



Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Stripping capacities mm²	AWG	⚖ g
12 12 02	048077	195		burnished	with multi-component grips	0.03 – 0.09 / 0.14 / 0.38 / 0.57 / 1 / 1.5 / 2.08		447
12 12 06	049005	195		burnished	with multi-component grips	0.14 – 0.25 / 0.75 / 1.5 / 2.5 / 4 / 6		445
12 12 10	049012	195		burnished	with multi-component grips	2.5 / 4 / 6 / 10		445
12 12 11	062998	195		burnished	with multi-component grips	1.5 / 2.5 / 4 / 6	16 – 10	449
12 12 12	073758	195		burnished	with multi-component grips	4 / 6 / 10	12 – 8	450
12 12 13	077534	195		burnished	with multi-component grips		10 / 12 / 14 / 16 / 18 / 20	450
12 12 14	077541	195		burnished	with multi-component grips		16 / 18 / 20 / 22 / 24 / 26	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

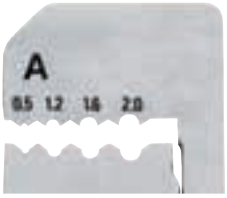
> With replaceable blades for 4 (adapted to diameters) or 6 (adapted to cross-sections) different conductor cross-sections
> Leave wire undamaged due to precision-ground blade shapes, even multi-stranded conductors are stripped gently
> During stripping, the wire is held firmly by clamping jaws
> With 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

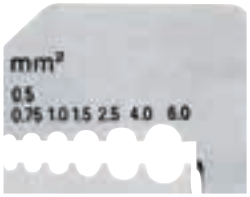


12 21 180









Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Stripping capacities Ø mm	Stripping capacities mm²	AWG	⚖ g
12 11 180	000792	180		black lacquered	with plastic grips	0.5 / 1.2 / 1.6 / 2.0			357
12 21 180	000815	180		black lacquered	with plastic grips		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

universal

> 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 tether attachment point for mounting a fall protection system

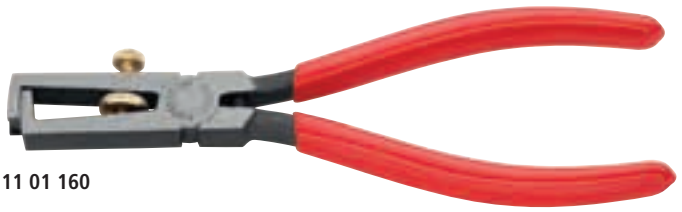








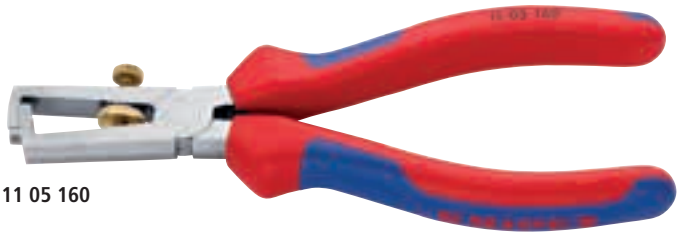




11 01 160



11 02 160



11 05 160



11 06 160 T



11 12 160

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities Ø mm	mm²	AWG	⚖ g
11 01 160	033868	160		black atramentized	polished	plastic coated	5.0	10	8	131
11 02 160	023180	160		black atramentized	polished	with multi-component grips	5.0	10	8	165
11 05 160	039570	160		chrome-plated	chrome-plated	with multi-component grips	5.0	10	8	170
11 06 160	021933	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	5.0	10	8	180
11 06 160T	081418	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	5.0	10	8	180
11 07 160	015499	160	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	5.0	10	8	205
11 12 160	034964	160		black atramentized	polished	with multi-component grips	5.0	10	8	156
11 09 01	052326	Set of spare parts (screw and nut) for 11 XX 160								

* Other tools with tethering can be found from page 294

KNIPEX StriX®

Insulation strippers with cable shears

▶ Wire stripper 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 insulated tether attachment point for a tool tether



13 62 180



13 66 180



13 66 180 T



Induction-hardened precision cutter



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





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)

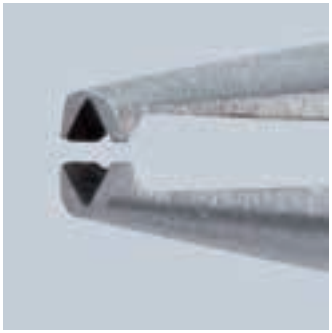


Lock nut prevents any unintentional adjustment

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Stripping capacities Ø mm	Stripping capacities mm²	AWG	⚖ g
13 62 180	081302	180	PATENTED	black atramentized	with multi-component grips	5.0	10	8	200
13 66 180	081319	180	PATENTED 1000 V	chrome-plated	insulated with multi-component grips, VDE-tested	5.0	10	8	213
13 66 180 T	081906	180	PATENTED 1000 V	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	5.0	10	8	216
11 09 01	052326	Set of spare parts (screw and nut) for 11 XX 160							

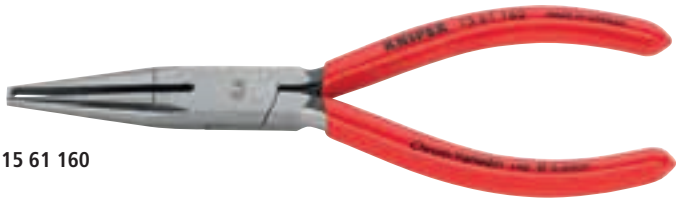
Insulation Strippers

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

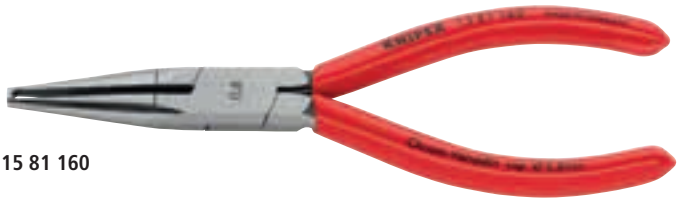




15 51 160



15 61 160



15 81 160

Article No.	EAN 4003773-	↔ mm		Head	Handles	Stripping capacities Ø mm	⚖ g
15 51 160	044451	160				0.5	101
15 61 160	014843	160	⋀⋀⋀	polished	plastic coated	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 to 15 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





Article No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	AWG	⚖ 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



12 82 130 SB



Article No.	EAN 4003773-	↔ mm	Pliers	Handles	Stripping capacities Ø mm	⚖ g
12 82 130 SB	050094	130	burnished	with plastic grips	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



12 85 110 SB









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



KNIPEX ErgoStrip®

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 02 SB
> For left-handers



16 95 01 SB

GERMAN DESIGN AWARD WINNER 2017



16 95 02 SB

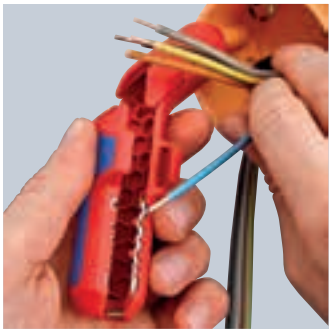
for left-handers


Stripping of a coax cable

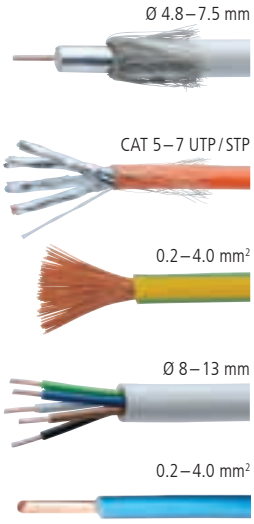

Stripping of a NYM cable


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



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

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







Article No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	Stripping capacities mm²	Cable types	⚖ g
16 80 125 SB	040828	125		8.0 – 13.0		round cable, e.g.: 3 x 1.5 mm² up to 5 x 2.5 mm²	75
16 85 125 SB	060444	125		8.0 – 13.0	0.2 – 4	round cable, e.g.: 3 x 1.5 mm² up to 5 x 2.5 mm²	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





Article No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	Stripping capacities mm²	Cable types	⚖ g
16 90 130 SB	076940	130		8.0 – 13.0	1.5 / 2.5	round cable, e.g.: 3 x 1.5 mm² up to 5 x 2.5 mm²	47

Depth Stripping Tool

Long, ergonomic design for work in deep connector sockets

> 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





Article No.	EAN 4003773-	←→ mm	Stripping capacities 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





Article No.	EAN 4003773-	←→ mm		Stripping capacities Ø mm	Stripping capacities mm²	Cable types	⚖ g
16 64 125 SB	076933	125	⋀⋀⋀	4.0 – 13.0	0.8 – 2.5	flat cable 12 mm / round cable 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





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

Stripping Tool for coax cable

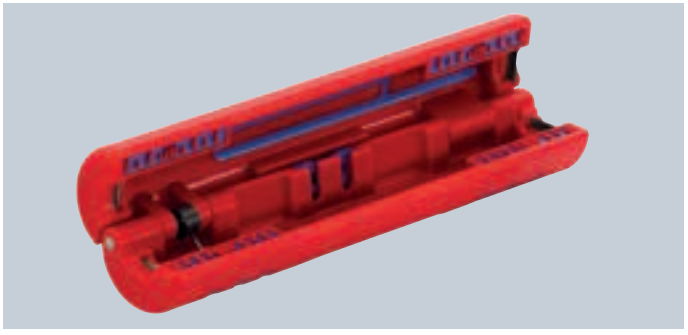
> For stripping all common coax cables between Ø 4.8 – 7.5 mm (e.g. for TV- and satellite antenna), also suitable for PVC round cable 3 x 0.75 mm²
> With length scale 5.0 – 20.0 mm
> Double shell, folding back stripping tool
> With opening spring and locking device
> Body: glass fibre reinforced plastic



16 60 100 SB







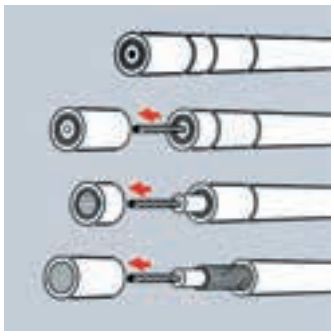
Article No.	EAN 4003773-	↔ mm	Stripping capacities Ø mm	⚖ g
16 60 100 SB	040811	100	Coax cables 4.8 – 7.5, round cables 3 x 0.75 mm²	22

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

Article No.	EAN 4003773-	↔ mm		Cable type	⚖ g
16 60 05 SB	044888	105		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





Article No.	EAN 4003773-	↔ mm		Cable type	⚖ g
16 60 06 SB	077961	125		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







Article No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	⚖ g
16 20 16 SB	060451	130	⋀⋀	4.0 – 16.0	70
16 20 28 SB	060468	130		8.0 – 28.0	95
16 20 165 SB	043133	165	⋀⋀	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



16 30 145 SB

> 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



Setting the tool for circular cut



Longitudinal cut



Spiral cutting

Article No.	EAN 4003773-	↔ mm		Stripping capacities Ø mm	⚖ g
16 30 135 SB	033349	135	⩘	6.0 – 29.0	120
16 30 135 SB	081029	150	⩘	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

Article No.	EAN 4003773-	↔ mm	Stripping capacities mm	⚖ g
16 40 150	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

Article No.	EAN 4003773-	↔ 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





Article 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 55	022558	180	1000 V	insulated with multi-component grips, VDE-tested	38.0	23.5	77
98 53 13	026556	190	1000 V	insulated with multi-component grips, VDE-tested	50.0	40.0	64

Folding Knife for Electricians

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



16 20 50 SB

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



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

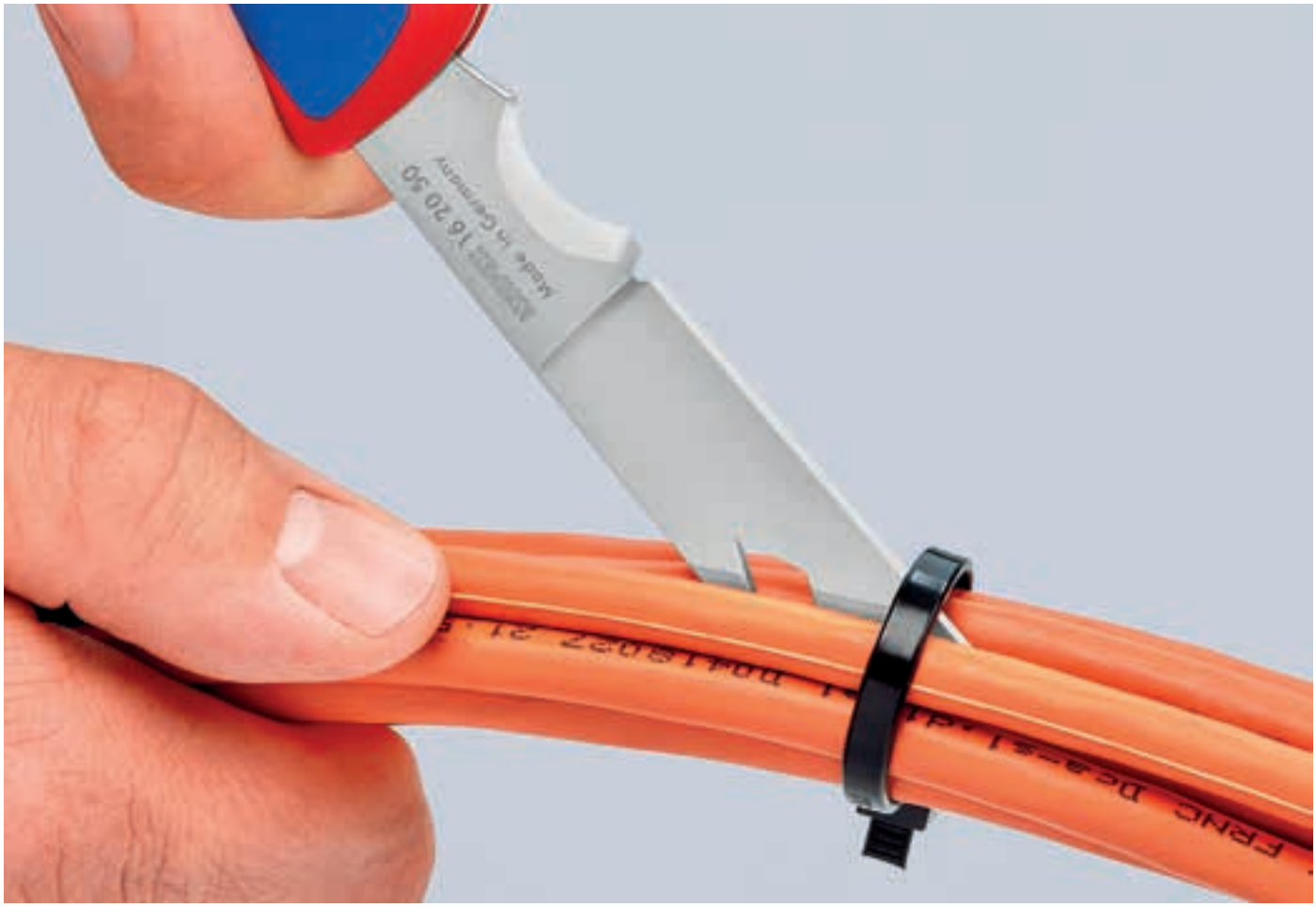


The Electricians' Folding Cutter is quickly available to hand and is suitable for all the usual cutting tasks



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

Article No.	EAN 4003773-	↔ mm	Blade length mm	⚖ g
16 20 50 SB	082705	120	80.0	85

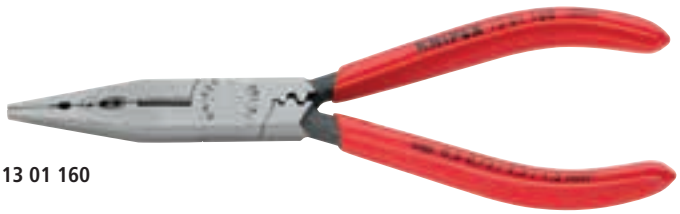


Electricians' Pliers

- 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

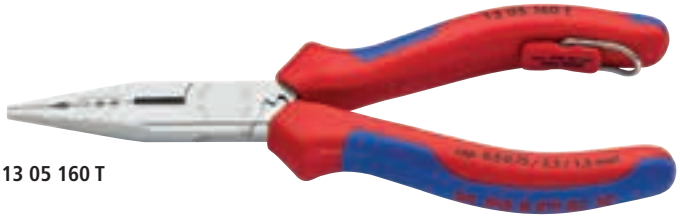
13 05 160 T*
> Pliers with tether attachment point for mounting a fall protection system



13 01 160



13 02 160



13 05 160 T







0,5 – 0,75 / 1,5 / 2,5 mm²









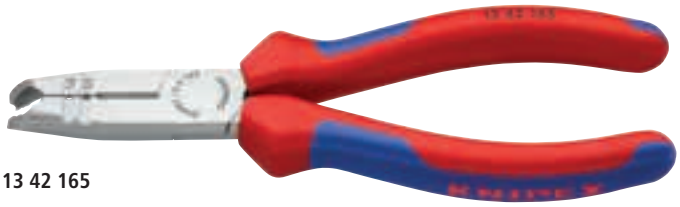
Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	Cutting capacities ◕ Ø mm	⚖ g
13 01 160	034971	160		black atramentized	polished	plastic coated	2.5	1.6	112
13 02 160	010470	160		black atramentized	polished	with multi-component grips	2.5	1.6	139
13 05 160	071426	160		chrome-plated	chrome-plated	with multi-component grips	2.5	1.6	139
13 05 160 T	079965	160		chrome-plated	chrome-plated	with multi-component grips and integrated tether attachment point	2.5	1.6	142

* Other tools with tethering can be found from page 294

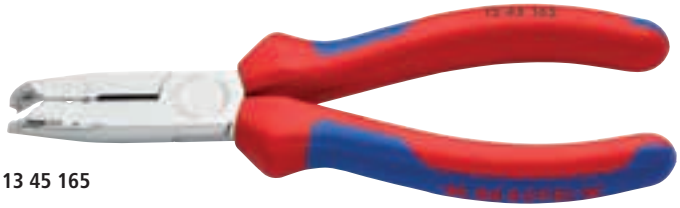
Stripping Pliers

- 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 0.75 – 1.5 and 2.5 mm²
> With side cutters for cutting and trimming conductors, wires, small screws and nails
> All cutting edges additionally induction-hardened to approx. 61 HRC for high wear resistance
> 30 % lighter than comparable pliers
> Vanadium electric steel, forged, multi stage oil-hardened



13 42 165



13 45 165



13 46 165



Cutting of cables of up to Ø 13 mm



Cutting when shortening single conductors



Stripping deep down in a flush-mounted junction box



Wire stripping holes for 1.5 and 2.5 mm² conductors

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities Ø mm	Stripping capacities mm²	◑ Ø mm	◕ Ø mm	⚖ g
13 42 165	079675	165		black atramentized	polished	with multi-component grips	8.0 – 13.0	0.75 – 1.5 / 2.5	3.2	2.2	176
13 45 165	079682	165		chrome-plated	chrome-plated	with multi-component grips	8.0 – 13.0	0.75 – 1.5 / 2.5	3.2	2.2	176
13 46 165	079699	165	1000 V	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

Multi-Tool for Electricians

- 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 T*
> Pliers with tether attachment point for mounting a fall protection system

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, insulated tether attachment point for a tool tether











13 81 200



13 82 200



13 82 200 T



13 86 200



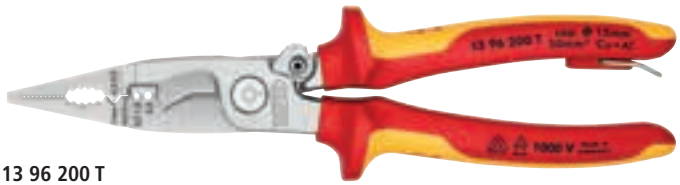
13 91 200



13 92 200



13 96 200



13 96 200 T

* Other tools with tethering can be found from page 294

Smooth gripping surface
for non-damaging gripping and flattening, round-shaping (form wire loops)

Profiled gripping surface
to protect the workpiece, flattened for stronger yet gentle gripping

Universal crimp 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

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	Stripping capacity for single strands mm²	Crimping capacities mm²	⚖ g
13 81 200	075240	200	PATENTED	black atramentized	polished	plastic coated	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	236
13 82 200	075080	200	PATENTED	black atramentized	polished	with multi-component grips	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	266
13 82 200 T	079972	200	PATENTED	black atramentized	polished	with multi-component grips and integrated tether attachment point	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	270
13 86 200	075097	200	PATENTED 1000 V	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	PATENTED	black atramentized	polished	plastic coated	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	236
13 92 200	075103	200	PATENTED	black atramentized	polished	with multi-component grips	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	266
13 96 200	075110	200	PATENTED 1000 V	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	PATENTED 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	278

WireStripper

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



13 71 8



13 72 8

> 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









Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	Stripping capacity AWG SLD mm²	Stripping capacity AWG STRD mm²	g
13 71 8	086673	200	PATENTED	black atramentized	polished	plastic coated	15.0	50	18 – 10	20 – 12	257
13 72 8	086680	200	PATENTED	black atramentized	polished	with multi-component grips	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

Integrated opening spring
facilitates frequent stripping and cutting



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!

WireStripper

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



13 71 200 ME



13 72 200 ME



13 76 200 ME











Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	Stripping capacities (solid / finely stranded) mm²	g
13 71 200 ME	088929	200	PATENTED	black atramentized	polished	plastic coated	15.0	50	0.75 – 6 / 0.5 – 4	266
13 72 200 ME	088936	200	PATENTED	black atramentized	polished	with multi-component grips, with integrated tether attachment point for a tool tether	15.0	50	0.75 – 6 / 0.5 – 4	296
13 76 200 ME	088943	200	PATENTED 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	0.5 – 4 / 0.75 – 6	296

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

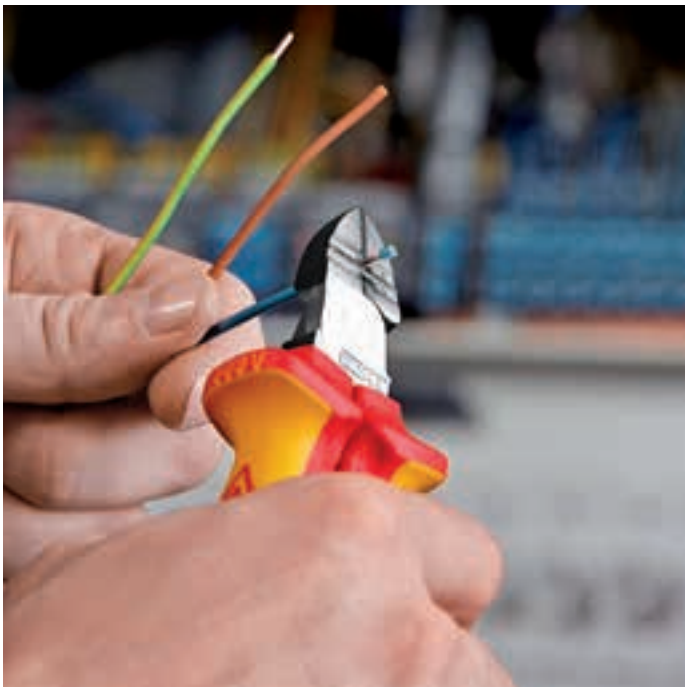


14 25 160



14 26 160







Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities mm²	AWG	Cutting capacities ◔ Ø mm	Cutting capacities ◑ Ø mm	⚖ g
14 22 160	034988	160		black atramentized	polished	with multi-component grips	1.5 / 2.5	16 / 14	2.5	1.5	206
14 25 160	028697	160		chrome-plated	chrome-plated	with multi-component grips	1.5 / 2.5	16 / 14	2.5	1.5	224
14 26 160	040279	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	1.5 / 2.5	16 / 14	2.5	1.5	238

Electronics Wire Stripping Shears

> For cutting and stripping solid, multicore and finely stranded conductors with conductor cross-section up to 0.75 mm²
> Pointed head of shears above the wire stripping hole for the accurate cutting of fine wire in confined places
> Easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut
> With opening spring
> Special tool steel, oil-hardened



11 82 130





Article No.	EAN 4003773-	↔ mm		Head	Handles	Stripping capacities mm²	⚖ g
11 82 130	071648	140		polished	with multi-component grips	0.01 – 0.75	85

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 together with a fine film of oil offer effective rust protection – no circuit faults caused by peeling chrome from plated tools
> Special tool steel, forged, oil-hardened



11 92 140





Article No.	EAN 4003773-	↔ mm		Head	Handles	Stripping capacities Ø mm	⚖ g
11 92 140	016908	140		mirror polished	with multi-component grips	0.1 – 0.8	70

GRIPPING AND GRIP PLIERS

Round Pliers with cutting edge	052
Round Nose Pliers	053
Flat Nose Pliers	054
Snipe Nose Side Cutting Pliers	055
Long Reach Needle-Nose Pliers	058
Telephone Pliers	059
Long Nose Pliers	060
Gripping Pliers	061
Relay Adjusting Pliers	062
Duckbill Pliers	062
Mechanics' Pliers	064
Universal Grip Pliers	065
Grip Pliers	066
Welding Grip Pliers	067



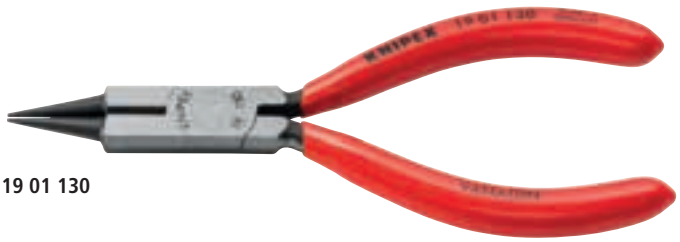
26 15 200

Round Pliers with cutting edge

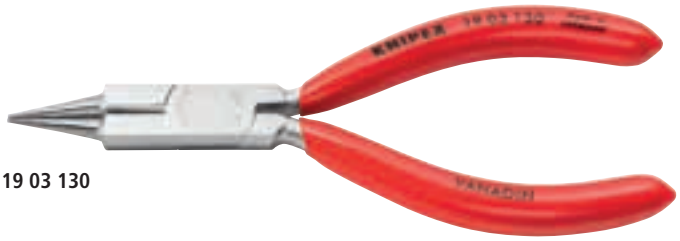
(Jewellers' Pliers)

- Precision-ground round jaws with fine, pointed tips
- For gripping and manipulating fine wires, e.g. in jewellery work

> Ideal for cutting and bending activities, also in electronics
> Ideal for bending wire loops
> Cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC
> Vanadium electric steel, forged, multi stage oil-hardened

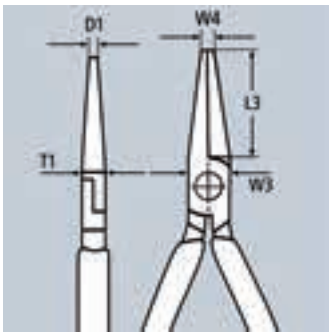


19 01 130



19 03 130





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	Cutting capacities ◕ Ø mm	Dimensions D1 mm	Dimensions L3 mm	Dimensions T1 mm	Dimensions W3 mm	Dimensions W4 mm	⚖ g
19 01 130	034995	130		black atramentized	polished	plastic coated	2.2	1.6	1.0	32.0	8.0	13.5	2.0	73
19 03 130	014348	130		chrome-plated	chrome-plated	plastic coated	2.2	1.6	1.0	32.0	8.0	13.5	2.0	72

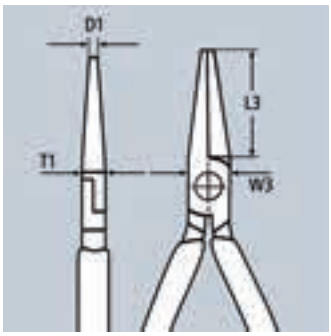


Round Nose Pliers

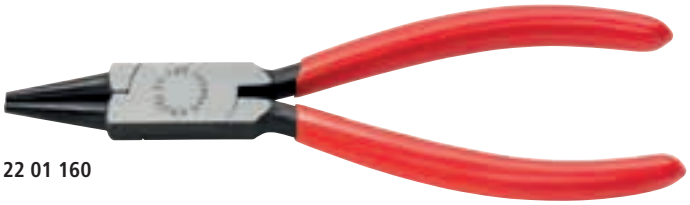
- Round, short jaws, finely ground
- Suitable for bending and gripping of round working pieces

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





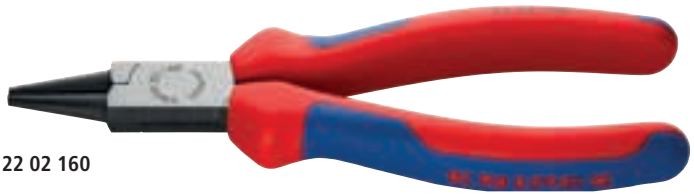




22 01 160



22 02 140



22 02 160



22 05 140



22 05 160



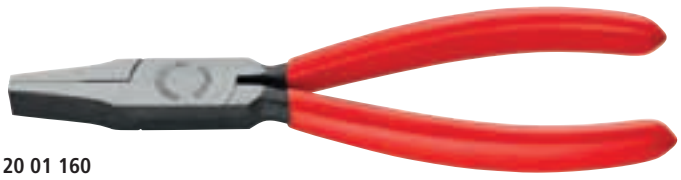
22 06 160

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	W3 mm	D1 mm	T1 mm	⚖ g
22 01 125	033899	125		black atramentized	polished	plastic coated	27.0	14.5	2.0	8.0	75
22 01 140	022800	140	8				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 multi-component grips	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 multi-component grips	28.0	16.5	2.5	9.5	127
22 05 160	042907	160					30.0	18.0	3.0	9.5	169
22 06 160	033790	160	8 1000 V	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 01 160



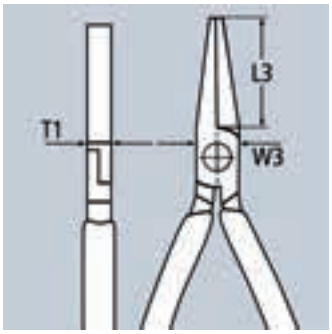
20 02 160



20 05 160



20 06 160





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	⚖ g
20 01 125	033875	125		black atramentized	polished	plastic coated	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 multi-component grips	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 grips	28.0	15.5	9.5	136
20 05 160	042457	160					30.0	17.0	9.5	176
20 06 160	033783	160	1000 V	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)

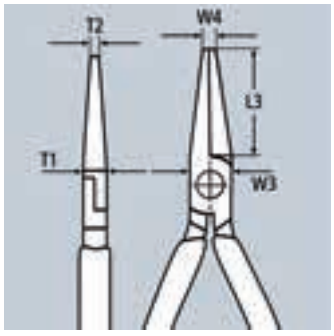
- Half-round, long, tapered jaws
- Suitable for finer gripping and cutting work, also on easy and semi-difficult to reach areas

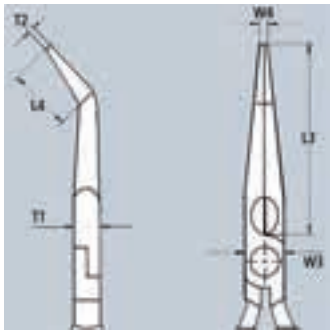
> Knurled gripping surfaces
> With cutting edges for soft, medium-hard and hard wire
> Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC
> Vanadium electric steel, forged, multi stage oil-hardened
> DIN ISO 5745

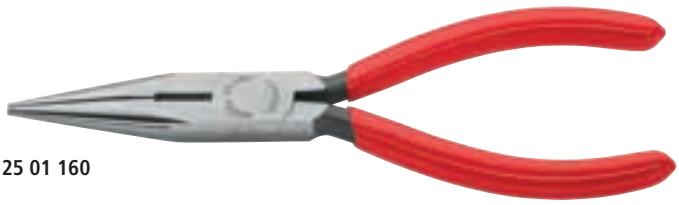
25 06 160 T*
> Pliers with integrated insulated tether attachment point for a tool tether



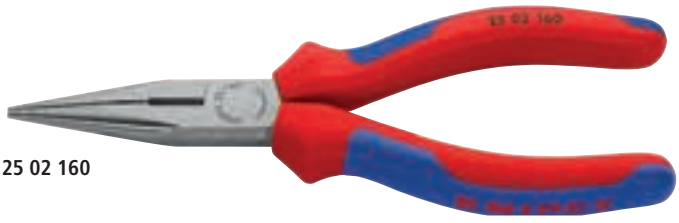








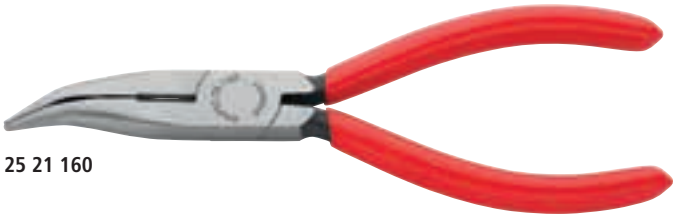
25 01 160



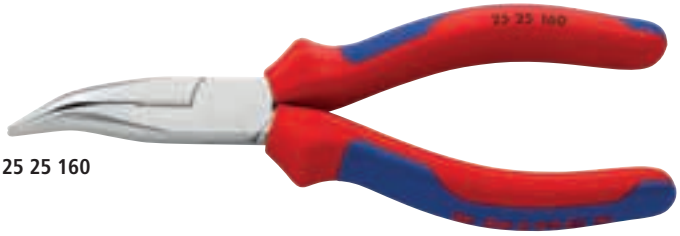
25 02 160



25 06 160



25 21 160



25 25 160

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	Cutting capacities ◕ Ø mm	Dimensions L3 mm	Dimensions L4 mm	Dimensions W3 mm	Dimensions T1 mm	Dimensions W4 mm	Dimensions T2 mm	⚖ g
25 01 125	015932	125		black atramentized	polished	plastic coated	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 multi-component grips	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	144
25 03 125	043065	125		chrome-plated	chrome-plated	plastic coated	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 grips	2.5	1.6	42.0		15.0	8.0	2.5	2.0	111
25 05 160	022817	160					2.5	1.6	50.0		16.5	9.0	3.0	2.5	144
25 06 160	033806	160	1000 V	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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated 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	40°	black atramentized	polished	plastic coated	2.5	1.6	50.0	23.0	16.5	9.0	3.0	2.5	116
25 25 160	016007	165	40°	chrome-plated	chrome-plated	with multi-component grips	2.5	1.6	50.0	23.0	16.5	9.0	3.0	2.5	143
25 26 160	052111	160	40° 1000 V	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

* Other tools with tethering can be found from page 294

Snipe Nose Side Cutting Pliers

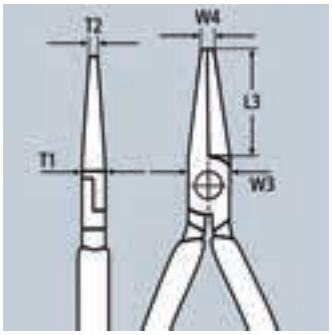
(Stork Beak Pliers)

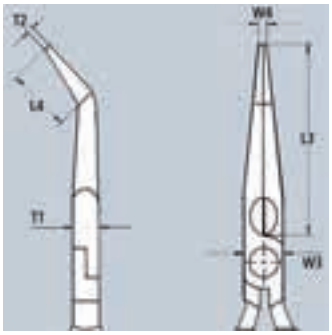
- Half-round, long, tapered jaws
- Distortion-tolerant, elastic precision tips
- Suitable for finer gripping and cutting work, also on easy and semi-difficult to reach areas

> 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 16 200 T / 26 26 200 T*
> Pliers with integrated insulated tether attachment point for a tool tether

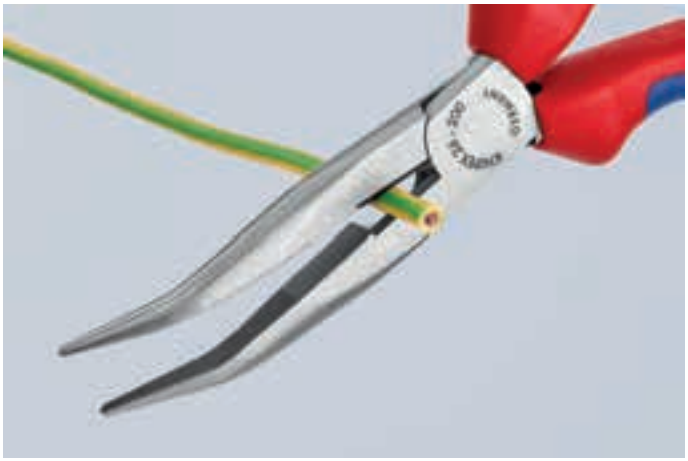
26 12 200 T / 26 15 200 T / 26 22 200 T / 26 25 200 T*
> Pliers with tether attachment point for a tool tether

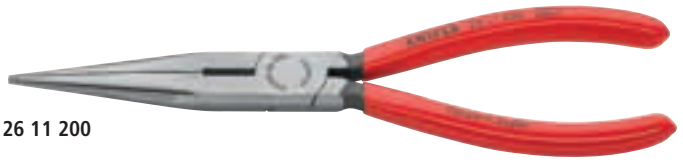




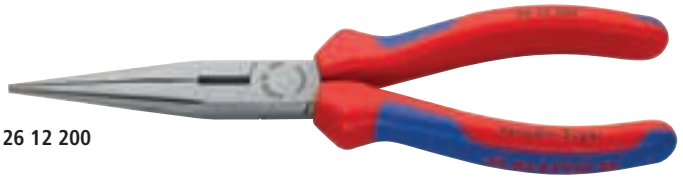




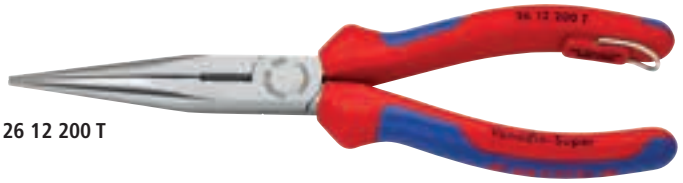




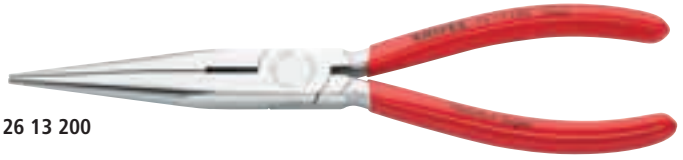
26 11 200



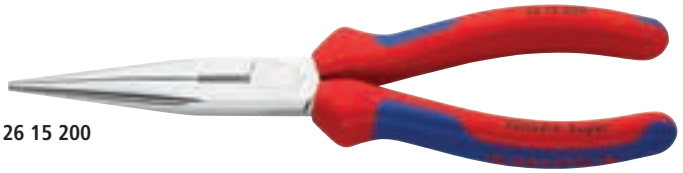
26 12 200



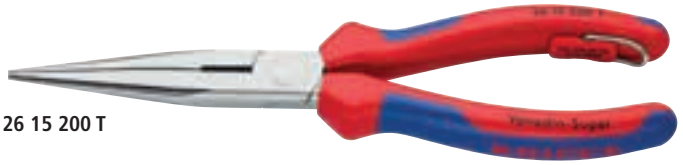
26 12 200 T



26 13 200



26 15 200



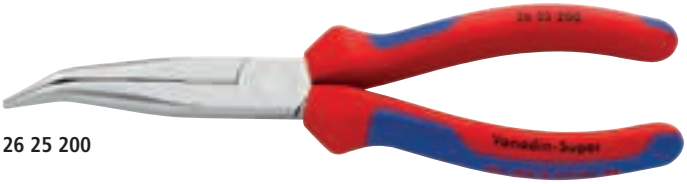
26 15 200 T



26 16 200

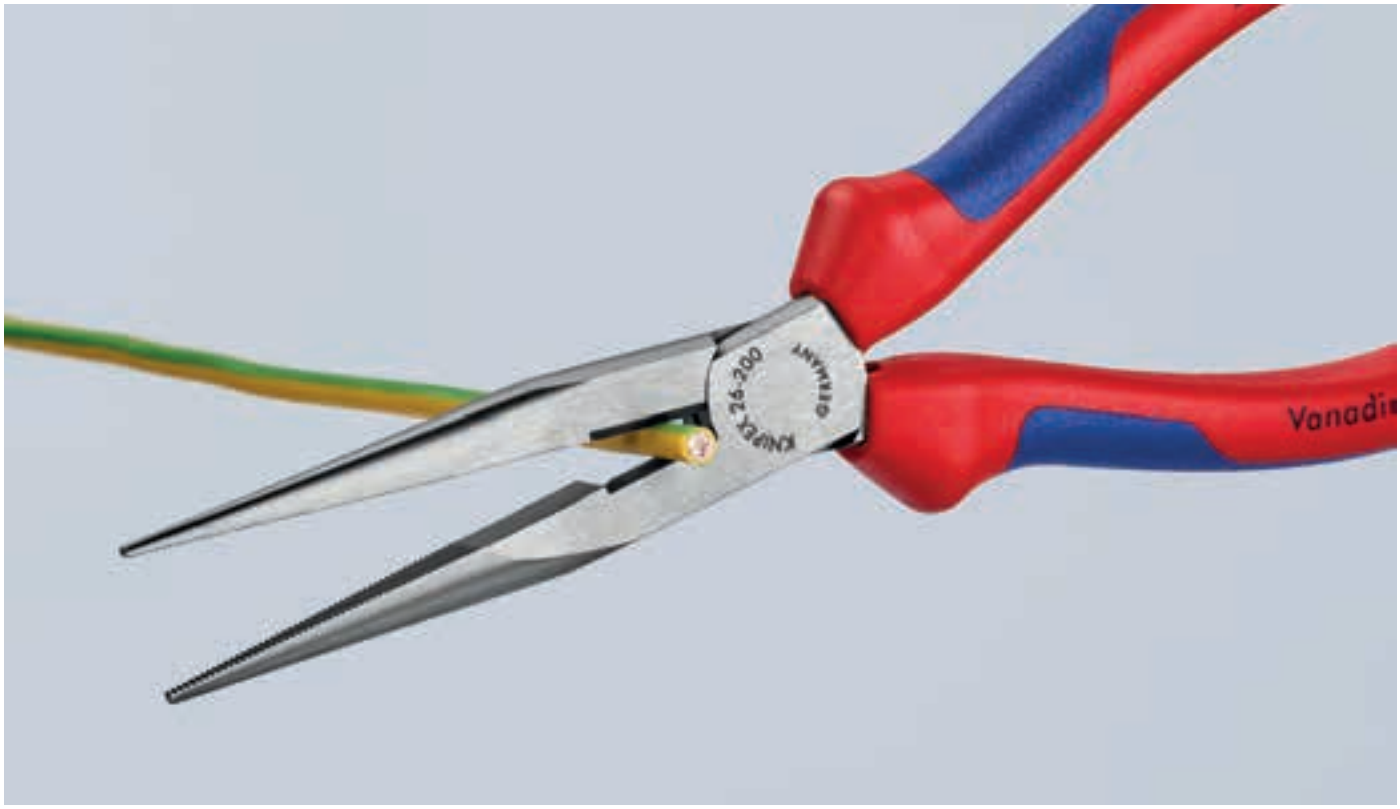


26 17 200



26 25 200

* Other tools with tethering can be found from page 294

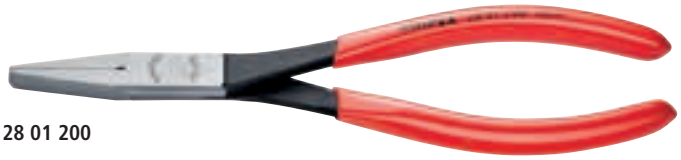


Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	Cutting capacities ◕ Ø mm	Dimensions L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
26 11 200	022824	200		black atramentized	polished	plastic coated	3.2	2.2	73.0		18.0	9.5	3.0	2.5	170
26 12 200	023142	200		black atramentized	polished	with multi-component grips	3.2	2.2	73.0		18.0	9.5	3.0	2.5	201
26 12 200 T	079989	200		black atramentized	polished	with multi-component grips and integrated tether attachment point	3.2	2.2	73.0		18.0	9.5	3.0	2.5	200
26 13 200	040590	200		chrome-plated	chrome-plated	plastic coated	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 multi-component grips	3.2	2.2	73.0		18.0	9.5	3.0	2.5	198
26 15 200 T	079996	200		chrome-plated	chrome-plated	with multi-component grips and integrated tether attachment point	3.2	2.2	73.0		18.0	9.5	3.0	2.5	204
26 16 200	022831	200	1000 V	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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated 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	1000 V	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	40°	black atramentized	polished	plastic coated	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	171
26 22 200	023135	200	40°	black atramentized	polished	with multi-component grips	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	197
26 22 200 T	080008	200	40°	black atramentized	polished	with multi-component grips and integrated tether attachment point	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	202
26 25 200	035039	200	40°	chrome-plated	chrome-plated	with multi-component grips	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	199
26 25 200 T	080015	200	40°	chrome-plated	chrome-plated	with multi-component grips and integrated tether attachment point	3.2	2.2	73.0	23.0	18.0	9.5	3.0	2.5	205
26 26 200	022855	200	40° 1000 V	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	40° 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated 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	40° 1000 V	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

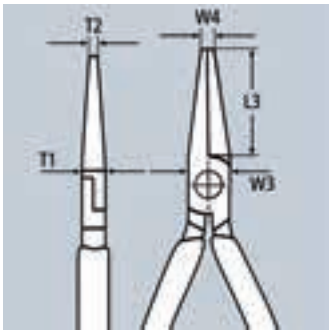
> Ideal for work in confined areas, e.g. in narrow and deep switch boxes
> Knurled gripping surfaces
> High-grade special tool steel, forged, oil-hardened



28 01 200



28 21 200



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
28 01 200	044468	200		black atramentized	polished	plastic coated	33.0	13.5	10.5	4.0	10.5	180
28 21 200	028246	200	⊖	black atramentized	polished	plastic coated	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

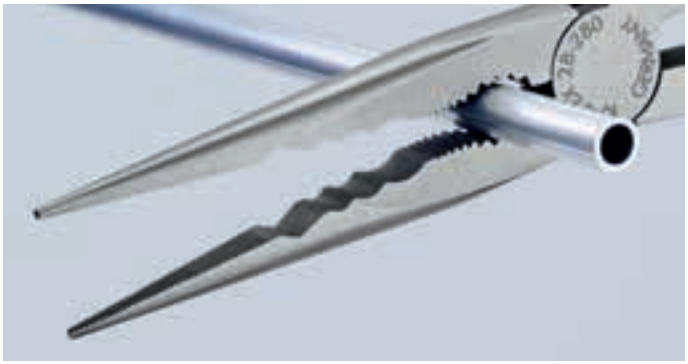
> Careful yet reliable gripping, holding and guiding of small copper pipes, screws and cables as well as other round parts due to milled grooves with smooth surfaces
> Serrated pipe grip to grip round parts
> Particularly suitable for work in the automotive trade and in mechanical engineering
> Slim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



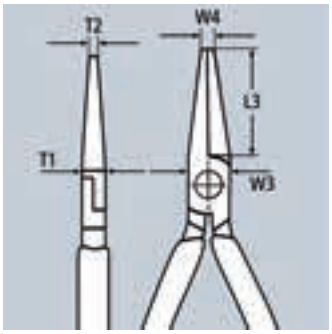
28 71 280

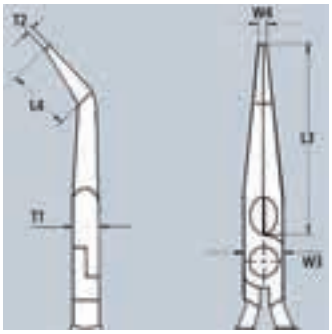


28 81 280



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







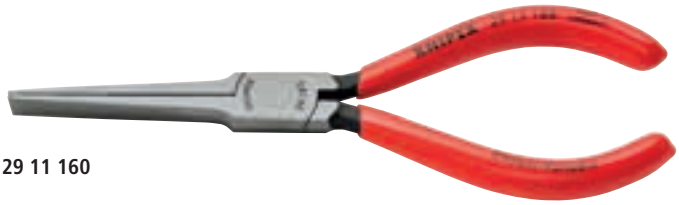


Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
28 71 280	079415	280	⊖	black atramentized	polished	plastic coated	76.5		20.0	9.0	3.0	2.5	235
28 81 280	079422	280	⊖ ∡45°	black atramentized	polished	plastic coated	70.0	20.0	20.0	9.0	2.5	2.5	235

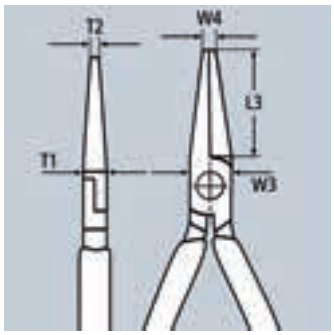
Telephone Pliers

Extra slim tips

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



29 11 160



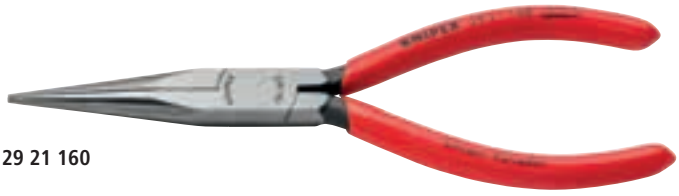
Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	g
29 11 160	016175	160		black atramentized	polished	plastic coated	55.0	14.0	8.0	2.5	8.5	103

Telephone Pliers

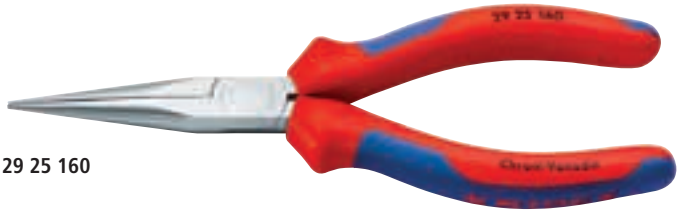
Extra slim, fine tips

Also suitable for soldering work

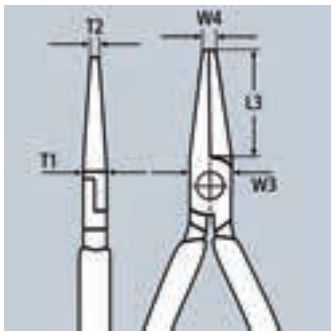
> Gripping surfaces cross-hatched
> Chrome vanadium electric steel, forged, oil-hardened
> DIN ISO 5745



29 21 160



29 25 160



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	g
29 21 160	043454	160	⊖	black atramentized	polished	plastic coated	54.0	14.0	9.0	2.0	2.0	112
29 25 160	043478	160	⊖	chrome-plated	chrome-plated	with multi-component grips	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

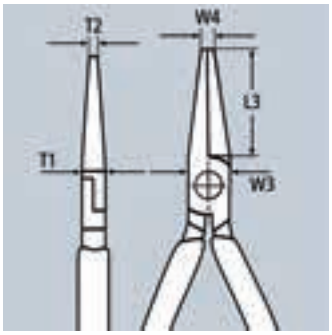
Style 1
> Long, trapezoidal jaws; knurled gripping surfaces

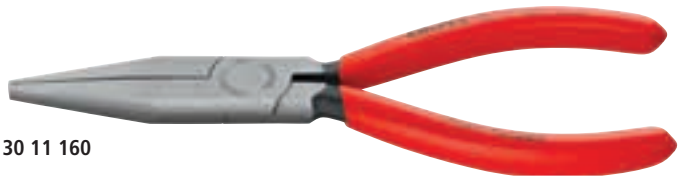
Style 2
> Long, half-round jaws; knurled gripping surfaces

Style 3
> Long, round jaws; smooth gripping surfaces

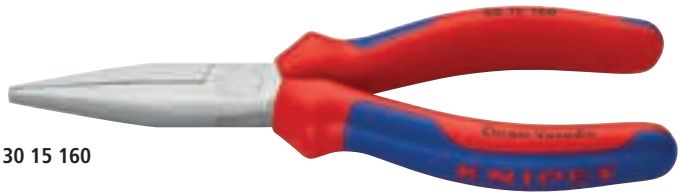








30 11 160



30 15 160



30 16 160



30 25 160



30 31 160



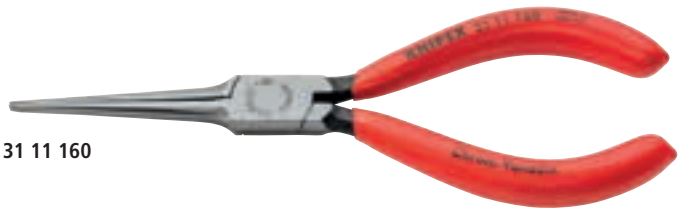
Article No.	EAN 4003773-	↔ mm		Style	Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
30 11 140	033936	140		1	black atramentized	polished	plastic coated	42.0	15.0	8.0	2.5	4.0	86
30 11 160	023128	160						46.5	16.5	9.5	3.0	5.0	121
30 13 140	016298	140		1	chrome-plated	chrome-plated	plastic coated	42.0	15.0	8.0	2.5	4.0	87
30 13 160	043485	160						46.5	16.5	9.5	3.0	5.0	118
30 15 140	042914	140		1	chrome-plated	chrome-plated	with multi-component grips	42.0	15.0	8.0	2.5	4.0	106
30 15 160	035046	160						46.5	16.5	9.5	3.0	5.0	149
30 16 160	001904	160	1000 V	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	plastic coated	42.0	15.0	8.0	2.5	2.0	95
30 21 160	035053	160						50.0	16.5	9.5	3.0	2.5	121
30 23 140	016373	140		2	chrome-plated	chrome-plated	plastic coated	42.0	15.0	8.0	2.5	2.0	95
30 25 160	035060	160		2	chrome-plated	chrome-plated	with multi-component grips	50.0	16.5	9.5	3.0	2.5	151
30 25 140	001980	140						42.0	15.0	8.0	2.5	2.0	114
30 31 160	035077	160		3	black atramentized	polished	plastic coated	41.0	16.5	9.5	5.0	2.5	110
30 33 160	043539	160		3	chrome-plated	chrome-plated	plastic coated	41.0	16.5	9.5	5.0	2.5	111
30 35 140	043102	140		3	chrome-plated	chrome-plated	with multi-component grips	37.5	15.0	8.0	4.0	2.0	102
30 35 160	035084	160						41.0	16.5	9.5	5.0	2.5	138
30 36 160	002123	160	1000 V	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

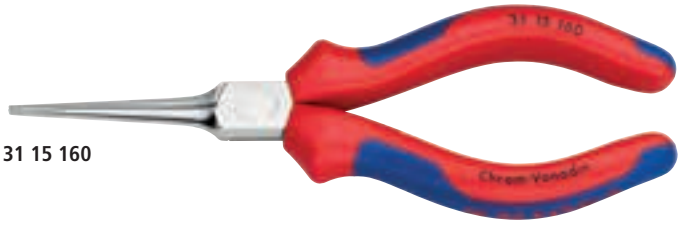
(Needle-Nose Pliers)

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

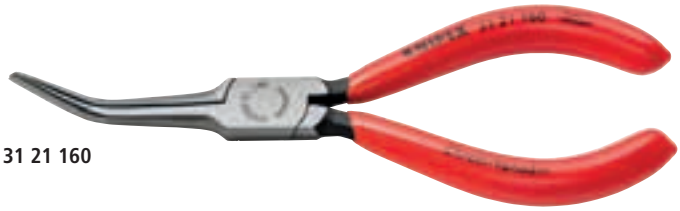
> Smooth ground gripping surfaces
> Edges carefully deburred
> Chrome vanadium electric steel, forged, oil-hardened



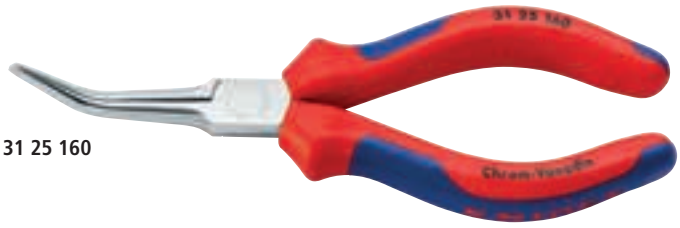
31 11 160



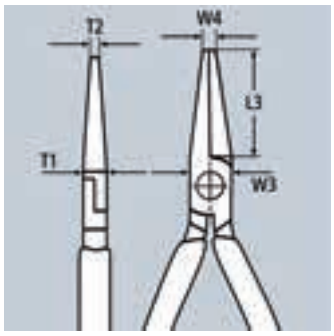
31 15 160

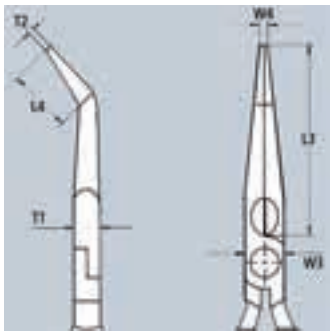


31 21 160

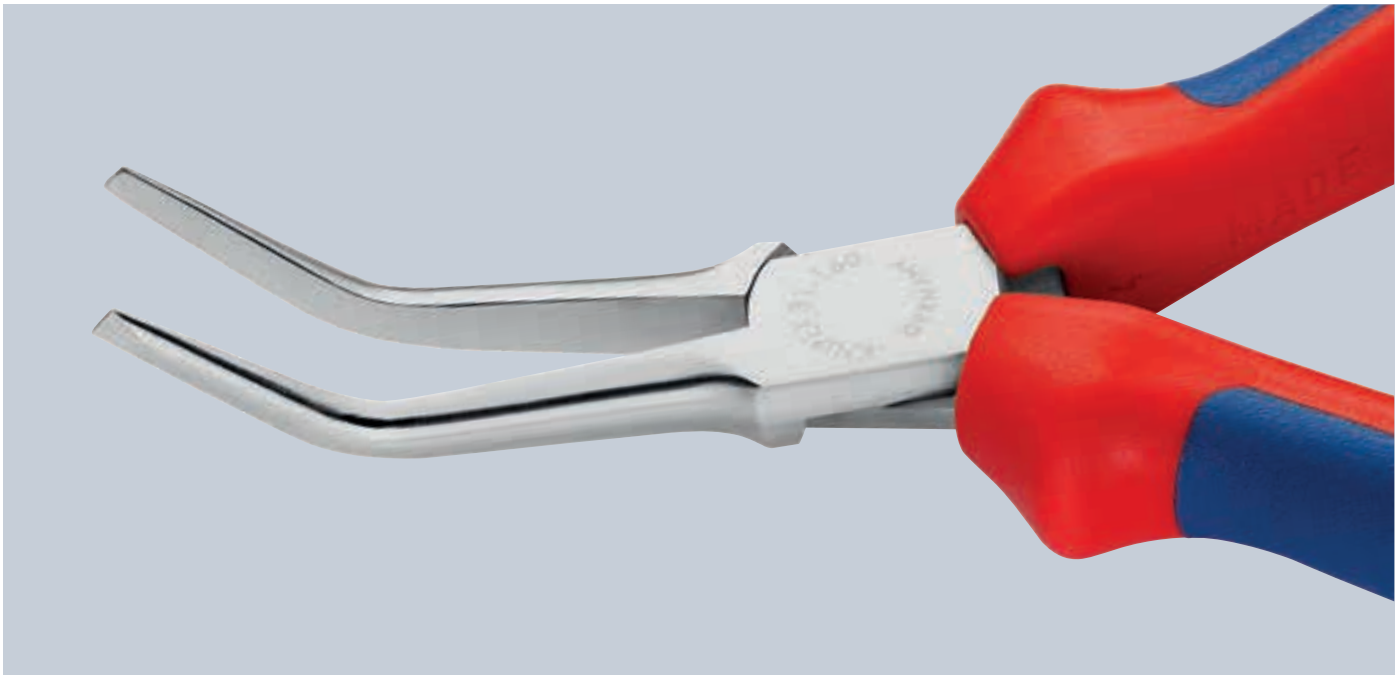


31 25 160





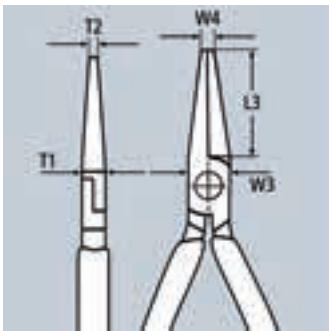
Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
31 11 160	044475	160		black atramentized	polished	plastic coated	55.0		16.0	7.5	1.8	2.5	100
31 15 160	016465	160		chrome-plated	chrome-plated	with multi-component grips	55.0		16.0	7.5	1.8	2.5	124
31 21 160	046790	160	∡45°	black atramentized	polished	plastic coated	55.0	27.0	16.0	7.5	1.8	2.5	97
31 25 160	016489	160	∡45°	chrome-plated	chrome-plated	with multi-component grips	55.0	27.0	16.0	7.5	1.8	2.5	123

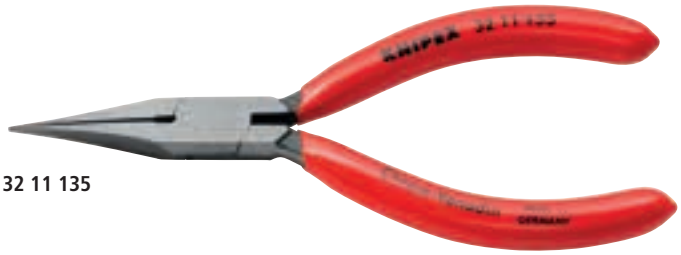


Relay Adjusting Pliers

- 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

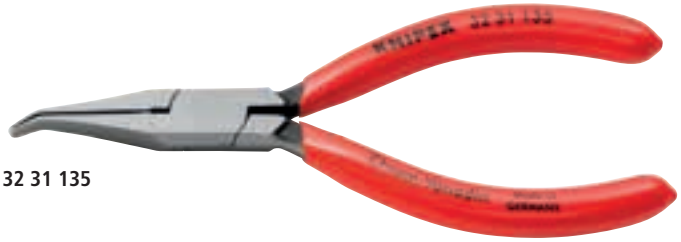




32 11 135



32 21 135



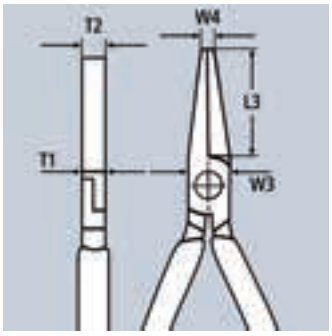
32 31 135

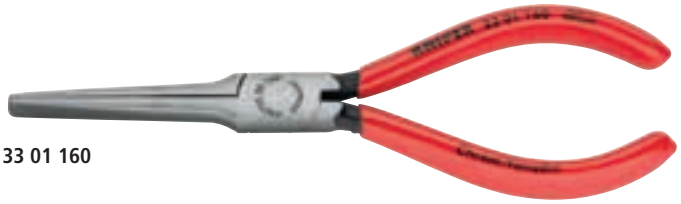
Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
32 11 135	035091	135		black atramentized	polished	plastic coated	34.0	12.5	7.0	1.0	1.5	73
32 21 135	043553	135		black atramentized	polished	plastic coated	34.0	12.5	7.0	1.0	3.5	74
32 31 135	043560	135	∡40°	black atramentized	polished	plastic coated	32.0	12.5	7.0	1.0	3.5	73

Duckbill Pliers

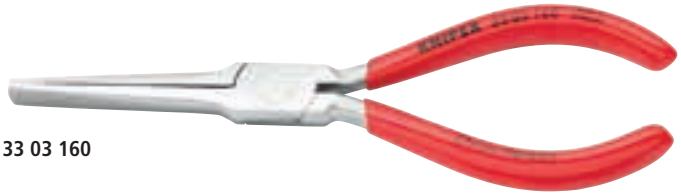
- Long, broad and thin tapered jaws

> 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

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

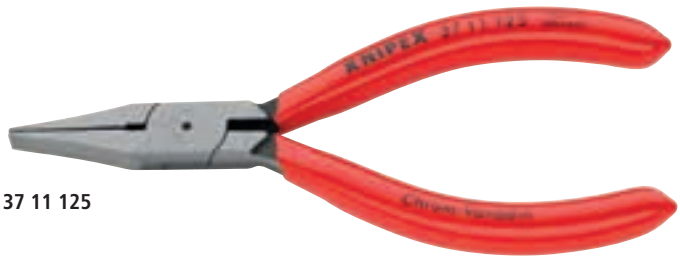
> For gripping, holding, bending and adjusting
> Tips precision-ground
> Smooth gripping surfaces
> Edges carefully deburred
> Lap joint
> High-grade special tool steel, forged, oil-hardened
> DIN ISO 9655

Style 1
> Flat, wide jaws

Style 2
> Flat, concave and pointed jaws

Style 3
> Half-round jaws

Style 4
> Round, pointed jaws to bend wire loops



37 11 125



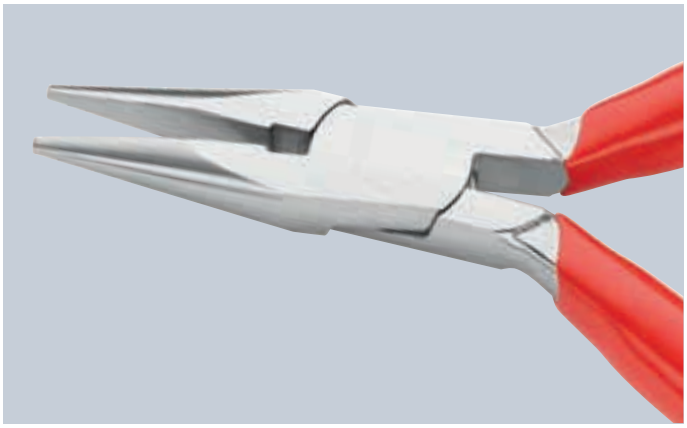
37 13 125



37 21 125



37 23 125



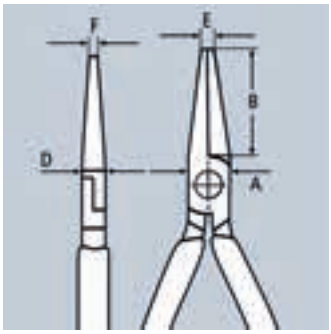


37 31 125



37 33 125







37 41 125



37 43 125

Article No.	EAN 4003773-	↔ mm		Style	Head	Handles	Dimensions B mm	A mm	D mm	E mm	F mm	⚖ g
37 11 125	014287	125		1	polished	plastic coated	27.0	12.5	7.0	2.0	5.5	76
37 13 125	043638	125		1	chrome-plated	plastic coated	27.0	12.5	7.0	2.0	5.5	71
37 21 125	035138	125		2	polished	plastic coated	27.0	12.5	7.0	2.0	2.0	74
37 23 125	043645	125		2	chrome-plated	plastic coated	27.0	12.5	7.0	2.0	2.0	72
37 31 125	035145	125		3	polished	plastic coated	27.0	12.5	7.0	2.0	1.6	74
37 33 125	016960	125		3	chrome-plated	plastic coated	27.0	12.0	7.0	2.0	1.6	78
37 41 125	035152	125		4	polished	plastic coated	27.0	14.5	8.0	2.0	1.0	76
37 43 125	043652	125		4	chrome-plated	plastic coated	27.0	14.5	8.0	2.0	1.0	76

Mechanics' Pliers

▸ High bending strength of the pliers tips

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

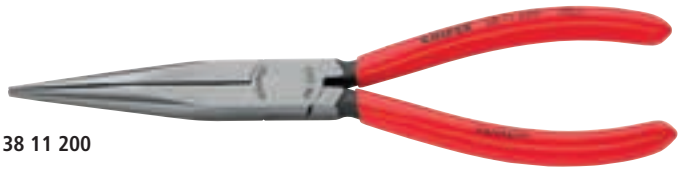
38 21 200 / 38 25 200
> 40° angled jaws

38 31 200 / 38 35 200 / 38 35 200 T
> Curved tip

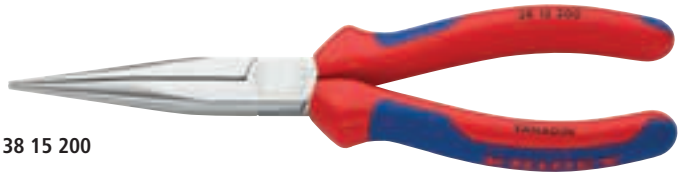
38 35 200 T*
> Pliers with tether attachment point for mounting a fall protection system

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, long jaws, also suitable for gripping spark plugs and round components



38 11 200



38 15 200



38 21 200



38 25 200



38 31 200



38 35 200



38 41 190



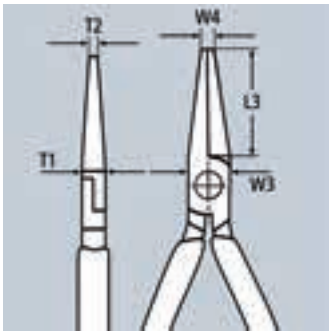
38 71 200



38 91 200



38 95 200









Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
38 11 200	035169	200	⊖	black atramentized	polished	plastic coated	73.0	17.5	9.5	3.0	2.5	179
38 15 200	039594	200	⊖	chrome-plated	chrome-plated	with multi-component grips	73.0	17.5	9.5	3.0	2.5	209
38 21 200	035176	200	⊖ ∡40°	black atramentized	polished	plastic coated	73.0	17.5	9.5	3.0	2.5	175
38 25 200	043669	200	⊖ ∡40°	chrome-plated	chrome-plated	with multi-component grips	73.0	17.5	9.5	3.0	2.5	209
38 31 200	040712	200	⊖	black atramentized	polished	plastic coated	73.0	17.5	9.5	3.0	2.5	176
38 35 200	017134	200	⊖	chrome-plated	chrome-plated	with multi-component grips	73.0	17.5	9.5	3.0	2.5	205
38 35 200 T	083771	200	⊖	chrome-plated	chrome-plated	with multi-component grips, with integrated tether attachment point for a tool tether	73.0	17.5	9.5	3.0	2.5	210
38 71 200	017202	200	⊖ ∡70°	black atramentized	polished	plastic coated	73.0	17.5	9.5	3.0	2.0	174
38 91 200	017219	200	⊖ ∡45°	black atramentized	polished	plastic coated	73.0	17.5	9.5		2.5	177
38 95 200	017233	200	⊖ ∡45°	chrome-plated	chrome-plated	with multi-component grips	73.0	17.5	9.5		2.5	207

* Other tools with tethering can be found from page 294

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





Article No.	EAN 4003773-	↔ mm		Pliers	○ mm	□ mm	⬡ mm	⚖ g
40 04 180	022190	180		galvanized	35.0	25.0	32.0	310
40 04 250	002710	250			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









Article 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









Article 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 in bore holes	070
Circlip Pliers for external circlips on shafts	071
Precision Circlip Pliers for internal circlips in bore holes	072
– with overexpansion guard	073
Precision Circlip Pliers for internal circlips in bore holes	074
– with overexpansion guard	075
Circlip Pliers for large internal circlips up to 400 mm	076
Circlip Pliers for large external circlips up to 400 mm	076
Circlip Tool for circlips up to 1,000 mm	077
Special Retaining Ring Pliers	078
Circlip Pliers for grip rings on shafts	078
Circlip Pliers Sets	079
Tool Box "SRZ"	083



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 D, but 45° bent jaws









44 11 J2



44 13 J2



44 21 J21



44 23 J21



44 31 J22

Article No.	EAN 4003773-	↔ mm		Style	Pliers	Head	Handles	Size of bore Ø mm	Tips Ø mm	⚖ g
44 11 J0	040286	140						8 – 13	0.9	88
44 11 J1	022862	140						12 – 25	1.3	88
44 11 J2	022879	180	↻	1	black atramentized	polished	plastic coated	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						8 – 13	0.9	89
44 13 J1	042938	140						12 – 25	1.3	88
44 13 J2	042945	180	↻	1	chrome-plated	chrome-plated	plastic coated	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						8 – 13	0.9	88
44 21 J11	022886	130						12 – 25	1.3	88
44 21 J21	022893	170	↻ ∡90°	2	black atramentized	polished	plastic coated	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						12 – 25	1.3	89
44 23 J21	042976	170	↻ ∡90°	2	chrome-plated	chrome-plated	plastic coated	19 – 60	1.8	138
44 23 J31	042983	215						40 – 100	2.3	200
44 31 J02	066941	140						8 – 13	0.9	90
44 31 J12	066958	140						12 – 25	1.3	90
44 31 J22	066965	180	↻ ∡45°	3	black atramentized	polished	plastic coated	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

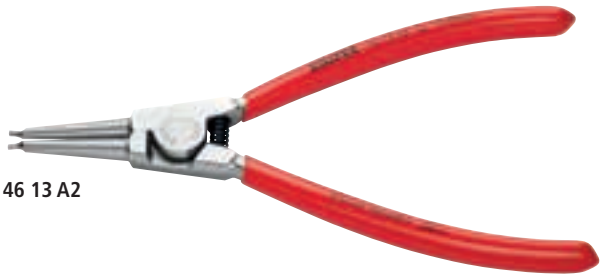


> Solid style, forged
> Non-slip, solid tips
> Pliers body and tips: chrome vanadium steel, forged, oil-hardened

Style 1
> DIN 5254 A; straight tips

Style 2
> DIN 5254 B; 90° angled jaws

Style 3
> On basis of DIN 5254 A and DIN 5254 B, but 45° bent jaws



46 13 A2



46 21 A21





46 31 A22





Article No.	EAN 4003773-	↔ mm		Style	Pliers	Head	Handles	Size of shaft Ø mm	Tips Ø mm	⚖ g
46 11 A0	033950	140						3 – 10	0.9	85
46 11 A1	022909	140						10 – 25	1.3	86
46 11 A2	022916	180		1	black atramentized	polished	plastic coated	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						3 – 10	0.9	85
46 13 A1	042990	140						10 – 25	1.3	82
46 13 A2	043003	180		1	chrome-plated	chrome-plated	plastic coated	19 – 60	1.8	133
46 13 A3	043010	210						40 – 100	2.3	211
46 21 A01	033967	125						3 – 10	0.9	85
46 21 A11	023005	125						10 – 25	1.3	85
46 21 A21	022923	170	90°	2	black atramentized	polished	plastic coated	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						3 – 10	0.9	84
46 23 A11	043027	125						10 – 25	1.3	84
46 23 A21	043034	170	90°	2	chrome-plated	chrome-plated	plastic coated	19 – 60	1.8	132
46 23 A31	043041	200						40 – 100	2.3	221
46 31 A02	066996	130						3 – 10	0.9	83
46 31 A12	067009	130						10 – 25	1.3	85
46 31 A22	067016	185	45°	3	black atramentized	polished	plastic coated	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

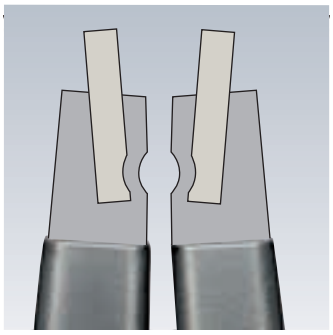
High precision quality

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!

Article No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of bore Ø mm	Tips Ø mm	⚖ g
48 11 J0	048510	140					8 – 13	0.9	105
48 11 J1	048527	140					12 – 25	1.3	105
48 11 J2	048534	180	⟳	1	grey atramentized	with non-slip plastic coating	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					8 – 13	0.9	105
48 21 J11	048633	130					12 – 25	1.3	105
48 21 J21	048640	165	⟳ ∠90°	2	grey atramentized	with non-slip plastic coating	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 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 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 suitable 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 bore Ø mm	Tips Ø mm	⚖ g
48 31 J0	079552	140					8 – 13	0.9	105
48 31 J1	073864	140					12 – 25	1.3	105
48 31 J2	073871	180		3	grey atramentized	with non-slip plastic coating	19 – 60	1.8	175
48 31 J3	073888	225					40 – 100	2.3	266
48 41 J01	079569	130					8 – 13	0.9	105
48 41 J11	079576	130					12 – 25	1.3	105
48 41 J21	080695	165	∠90°	4	grey atramentized	with non-slip plastic coating	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

> 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

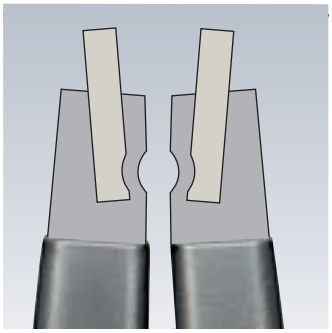
Easy and reliable assembly: form-fitting inserted and pressed-in tips made of high-density spring steel offer a high level of protection against excessive stress and strain, e.g. when removing stuck rings. The large supporting surfaces and the position of the tips make it more difficult for the rings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

Article No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of shaft Ø mm	Tips Ø mm	⚖ g
49 11 A0	048718	140					3 – 10	0.9	101
49 11 A1	048725	140					10 – 25	1.3	100
49 11 A2	048732	180		1	grey atramentized	with non-slip plastic coating	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					3 – 10	0.9	100
49 21 A11	048824	130					10 – 25	1.3	102
49 21 A21	048831	165	∠90°	2	grey atramentized	with non-slip plastic coating	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
> 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 overexpansion of the rings is effectively avoided

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 suitable 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					3 – 10	0.9	103
49 31 A1	073895	140					10 – 25	1.3	100
49 31 A2	073901	180		3	grey atramentized	with non-slip plastic coating	19 – 60	1.8	170
49 31 A3	073918	225					40 – 100	2.3	270
49 41 A01	061755	130					3 – 10	0.9	102
49 41 A11	079606	130					10 – 25	1.3	102
49 41 A21	079613	165		4	grey atramentized	with non-slip plastic coating	19 – 60	1.8	169
49 41 A31	079620	210					40 – 100	2.3	272

Circlip Pliers

for large internal circlips





44 10 J5



44 20 J61

> 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 5256 C, straight tips

Style 2
> DIN 5256 D; 90° angled tips

Article 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	90°			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





46 10 A5



46 20 A51

> 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 tips

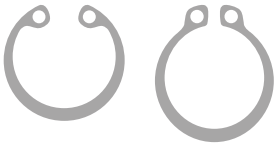
Style 2
> DIN 5254 B; 90° angled tips

Article 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	90°			252 – 400	4.5	1826

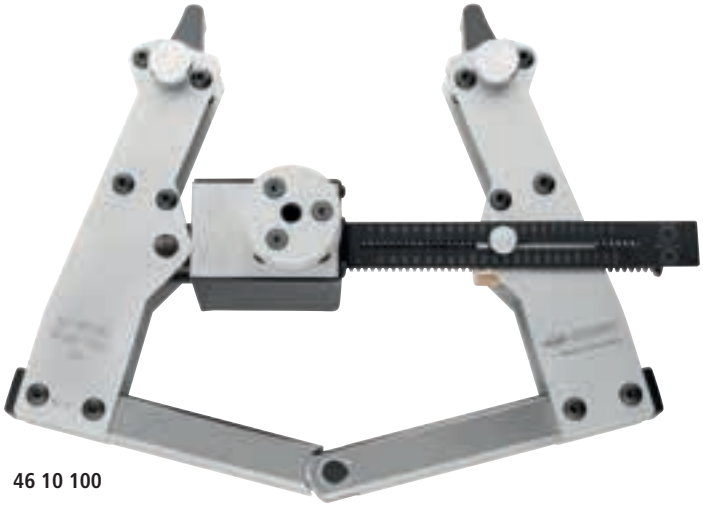
46 19 A5	024316	1 pair of spare tips for 46 10 A5
46 19 A6	025016	1 pair of spare tips for 46 10 A6
46 29 A51	025047	1 pair of spare tips for 46 20 A51
46 29 A61	025054	1 pair of spare tips for 46 20 A61

Circlip Tool

for internal and external circlips up to 1,000 mm nominal size



- > Universally usable for large circlips with diameters of 400 – 1000 mm
- > Reliable opening and closing of the circlips and holding by self-locking precision spindle drive
- > For fitting and removing circlips
- > Circlips are reliably held due to short, direct attachment
- > Replaceable tips with Ø 6 and 9 mm, for different diameter ranges
- > Optional operation by hand, with Allen key, ratchet wrench or cordless screwdriver
- > Areas of application are heavy engines where very high forces and torques are transmitted with large shafts and bearings , e.g. wind turbines, tidal power stations, generator construction, hydropower stations, large machine construction (rolling mills, presses), shipbuilding, aerospace
- > Tool in a plastic case with foam insert
- > Tip material: chrome-vanadium electric steel



46 10 100



Manually operable



Power tool or manual operation







Replaceable inserts for internal and external circlips





Article No.	EAN 4003773-		Size of bore Ø mm	Size of shaft Ø mm	⚖ g
46 10 100	075417	⟳ ⟲	400 – 1000	400 – 1000	2200
46 19 100 01	084549	Spare tips Ø 6 mm for 46 10 100			
46 19 100 02	084556	Spare tips Ø 9 mm for 46 10 100			

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 10 170
> For retaining rings with a minimum ring split gap of 3.6 mm

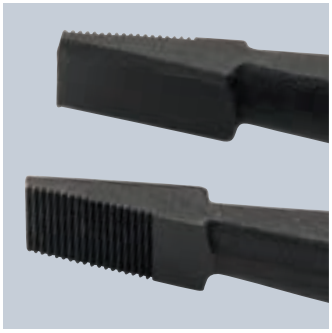
45 21 200
> Angled jaws with centering hole; for snap rings larger than Ø 12.0 mm, e.g. for cardan shafts in a motor vehicle; minimum ring split gap of the rings 2.2 mm



45 11 170



45 21 200



45 11 170



45 21 200



45 21 200

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	⚖ g
45 10 170	089766	170	○ MM ▭	black	plastic coated	156
45 21 200	031208	220	○ MM ∠30°	black	plastic coated	186

Circlip Pliers

for grip rings on shafts

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

46 11 G1
> For fitting grip rings on shafts from Ø 4.0 – 7.0 mm

46 11 G0
> For rings of Ø 1.5 – 4.0 mm, with adjustable stop screw to prevent overstretching



46 11 G0



46 11 G1

Article 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	plastic coated	1.5 – 4	0.9	87
46 11 G1	031062	140	○ MM	black atramentized	polished	plastic coated	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 in roll case

4 parts

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener
> Dimensions, open (L x H): 315 x 275 mm

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 56 V01
> Four common Circlip Pliers for internal and external circlips



00 19 56



00 19 57



00 19 56 V01



00 19 57 V01

Article No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	g
00 19 56	030973	Set of Circlip Pliers 4 parts							720
			44 11 J2	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	19 – 60	1.8	1	
			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	
			46 21 A21		DIN 5254 B; 90° angled jaws	19 – 60	1.8	1	
00 19 56 V01	081548	Set of Circlip Pliers 4 parts							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 4 parts							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 4 parts							885
			48 11 J2	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	19 – 60	1.8	1	
			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	
			49 21 A21		DIN 5254 B; 90° angled jaws	19 – 60	1.8	1	

Circlip Pliers Sets in roll case

8 parts

> Tool roll made of hard-wearing 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

Article No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	⚖ g
00 19 58 V01	081562	Set of Circlip Pliers 8 parts							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	
		90°	44 21 J11		DIN 5256 D; 90° angled jaws	12 – 25	1.3	1	
		90°	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	
		90°	46 21 A11		DIN 5254 B; 90° angled jaws	10 – 25	1.3	1	
		90°	46 21 A21			19 – 60	1.8	1	
00 19 58 V02	081579	Set of Circlip Pliers 8 parts							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	
		90°	48 21 J11		DIN 5256 D; 90° angled jaws	12 – 25	1.3	1	
		90°	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	
		90°	49 21 A11		DIN 5254 B; 90° angled jaws	10 – 25	1.3	1	
		90°	49 21 A21			19 – 60	1.8	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 V09

Article No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	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	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	
			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	
		90°	49 21 A21		DIN 5254 B; 90° angled jaws	19 – 60	1.8	1	
00 20 01 V09	073291	Set of pliers in a foam tray							820
			48 11 J2	Precision Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	19 – 60	1.8	1	
		90°	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	
		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

Article No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	⚖ g
00 20 03 SB	050100	Precision Circlip Pliers Set 4 parts							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 8 parts							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 common Precision Circlip Pliers for highest requirements; for internal and external circlips



00 20 03 V02



00 20 04 V01

Article No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	⚖ g
00 20 03 V02	077640	Set of Circlip Pliers 4 parts							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	
			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 8 parts							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	
			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	

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

Article 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	
		○ ⋀⋀	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	
		○ ⋀⋀ ∠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	086
Hammerhead Style Carpenters' Pincers	086
Farriers' Pincers (Tear-off pliers for vehicle bodywork)	087
End Cutting Nippers	087
Concreters' Nippers (Tower Pincers or Steel Fixers' Nippers)	088
High Leverage Concreters' Nippers	089



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 00 160

Article 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	plastic coated	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



51 01 210



Multi-functional: driving in, pulling and cutting nails

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	⚖ g
51 01 210	023104	210		black atramentized	polished	plastic coated	2.2	413

Farriers' Pincers

(Tear-off pliers for vehicle bodywork)

- With small head and anvil for redirecting horseshoe-nails



55 00 300

> 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

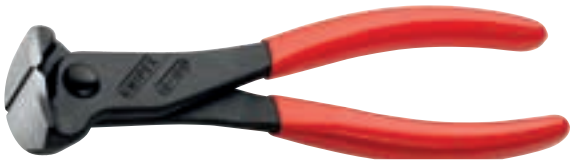




Article No.	EAN 4003773-	↔ mm		Pliers	Head	Head width (W3) mm	⚖ g
55 00 300	039402	300		black atramentized	polished	20.0	780

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



68 01 160

> 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







Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	⚖ g
68 01 160	013792	160		black atramentized	polished	plastic coated	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

(Tower Pincers or Steel 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 K12
> With 12 mm head, particularly suitable for tile paving work



99 00 280



99 00 220 K12



99 01 220



99 04 280





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	Cutting capacities ◕ Ø mm	⚖ g
99 00 200	014393	200					1.8	1.4	230
99 00 220	013273	220					2.4	1.6	315
99 00 250	013280	250		black atramentized	polished		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 00 220 K12	027812	220		black atramentized	polished		2.4	1.6	305
99 01 200	021452	200					1.8	1.4	247
99 01 220	021469	220					2.4	1.6	335
99 01 250	021483	250		black atramentized	polished	plastic coated	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					2.4	1.6	315
99 04 250	048213	250		bright zinc plated			2.4	1.6	405
99 04 280	048220	280					2.8	1.8	455

High Leverage Concreters' Nippers

high lever transmission

- 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-grade special tool steel, forged, multi stage oil-hardened
> DIN ISO 9242



99 10 250



99 10 300



99 11 250



99 14 250





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	Cutting capacities ◕ Ø mm	Head width (W3) Ø mm	⚖ g
99 10 250	071396	250		black atramentized	polished		3.3	1.8	25.0	350
99 10 300	022398	300					3.8	2.0	25.0	501
99 11 250	071402	250		black atramentized	polished	plastic coated	3.3	1.8	25.0	429
99 11 300	042365	300					3.8	2.0	25.0	537
99 14 250	071419	250		bright zinc plated			3.3	1.8	25.0	350
99 14 300	028116	300					3.8	2.0	25.0	505

CUTTING PLIERS

Diagonal Cutters for plastics	092
Diagonal Cutter for fibre optics	093
High Leverage Flush Cutter	093
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Bolt End Cutting Nippers	110
High Leverage End Cutting Nippers	111
End Cutting Nippers	111



71 02 200

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





Article No.	EAN 4003773-	↔ mm		Head	Handles	⚖ g
72 01 140	043713	140				120
72 01 160	041245	160		polished	plastic coated	164
72 01 180	046837	180				193
72 02 125	044215	125		polished	with multi-component grips	109
72 11 160	046813	160	∡45°	polished	plastic coated	156
72 21 160	046820	160	∡85°	polished	plastic coated	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



Article No.	EAN 4003773-	↔ mm		Head	Handles	⚖ g
72 51 160	028031	160		polished	plastic coated	166

High Leverage Flush Cutter

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



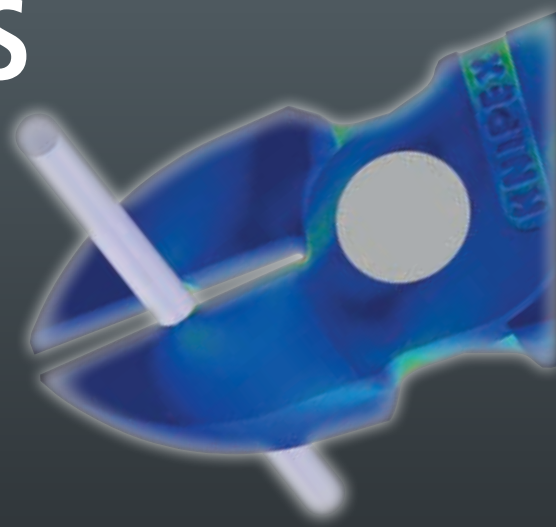
Ideal for the flush cutting plastic sprues with large diameters



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

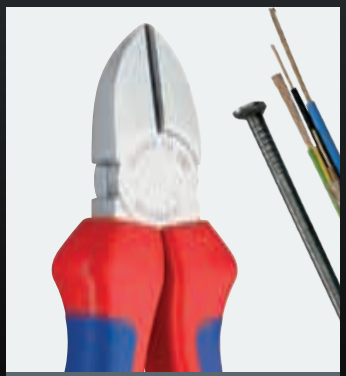
KNIPEX – WORLD OF **DIAGONAL CUTTERS**

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.

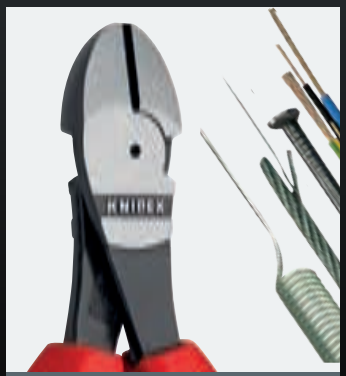
The indispensable cutting tool for versatile use. Long cutters for cable cutting. Precise, also for the finest stranded wires.



Hand force is multiplied by 12

High Leverage Diagonal Cutter
The robust.

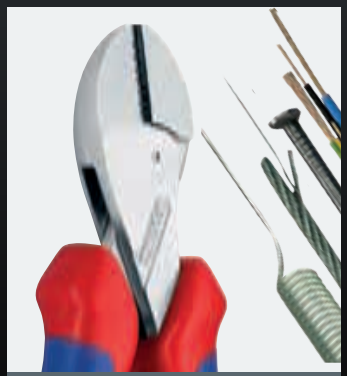
For very tough, continuous use. Forged on hinged joint for robust use.



Hand force is multiplied by 13

KNIPEX X-Cut®
The all-rounder.

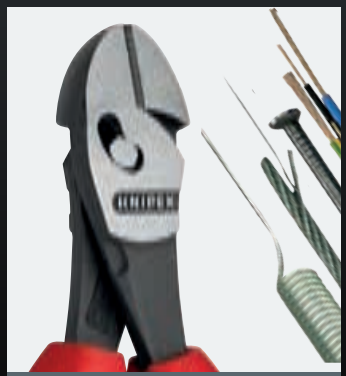
Compact and light. Powerful and precise. Box joint: greatest stability with little weight.



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



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

*with reappliying


70-140
MADE IN
GERMANY
KNIPEX

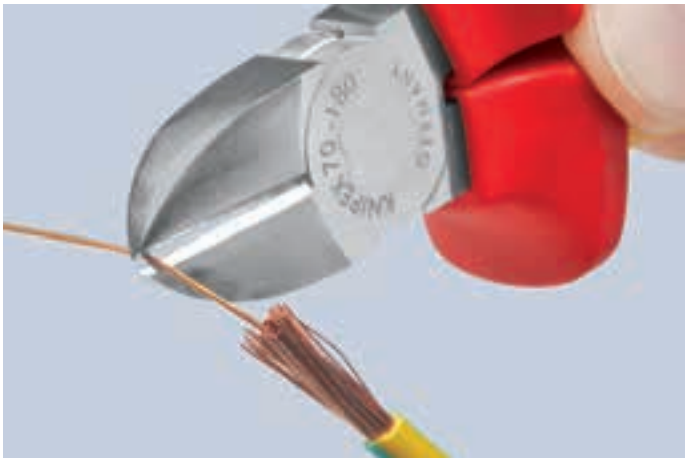
Diagonal Cutters

▸ 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. 62 HRC
> Vanadium electric steel, forged, multi stage oil-hardened
> DIN ISO 5749

70 05 160 T / 70 05 180 T*
> Pliers with tether attachment point for mounting a fall protection system

70 06 160 T / 70 06 180 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



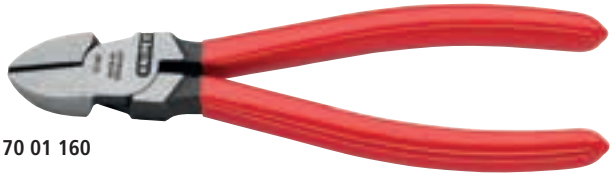
Clean cutting of thin copper wires, also at the cutting edge tips



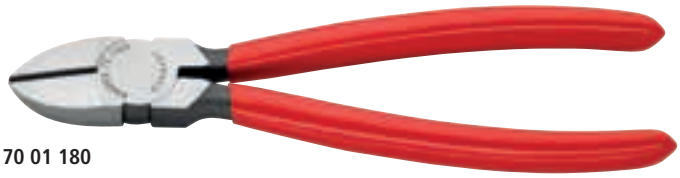




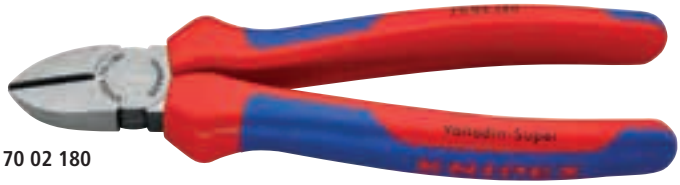




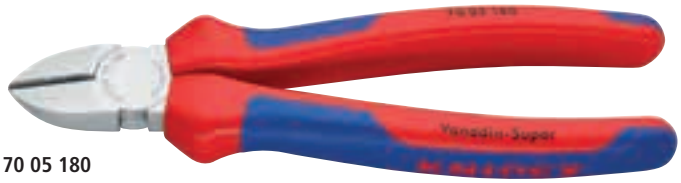
70 01 160



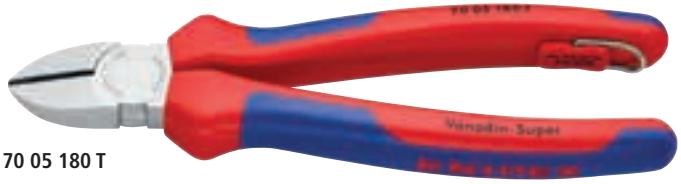
70 01 180



70 02 180



70 05 180



70 05 180 T



70 06 180



70 07 180



70 15 110

* Other tools with tethering can be found from page 294



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	⚖ g
70 01 110	014324	110		black atramentized	polished	plastic coated	3.0	2.0	1.2	80
70 01 125	013402	125					3.0	2.3	1.5	80
70 01 140	013419	140					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		black atramentized	polished	with multi-component grips	3.0	2.3	1.5	119
70 02 140	023098	140					4.0	2.5	1.8	150
70 02 160	034032	160					4.0	3.0	2.0	206
70 02 180	034049	180					4.0	3.0	2.5	252
70 05 125	039501	125		chrome-plated	chrome-plated	with multi-component grips	3.0	2.3	1.5	119
70 05 140	039488	140					4.0	2.5	1.8	154
70 05 160	039600	160					4.0	3.0	2.0	207
70 05 180	043706	180					4.0	3.0	2.5	246
70 05 160 T	080022	160		chrome-plated	chrome-plated	with multi-component grips and integrated tether attachment point	4.0	3.0	2.0	210
70 05 180 T	080039	180					4.0	3.0	2.5	258
70 06 125	018124	125	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.0	2.3	1.5	121
70 06 140	040293	140					4.0	2.5	1.8	160
70 06 160	021995	160					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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	4.0	3.0	2.0	230
70 06 180 T	081470	180					4.0	3.0	2.5	270
70 07 160	018155	160	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	4.0	3.0	2.0	227
70 07 180	018179	180					4.0	3.0	2.5	269
70 11 110	018193	110		black atramentized	polished	plastic coated	3.0	2.0	1.2	91
70 15 110	029649	110		chrome-plated	chrome-plated	with multi-component grips	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 12 125
> Low-friction double spring for gentle and even opening

76 22 125
> Low-friction double spring for gentle 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)



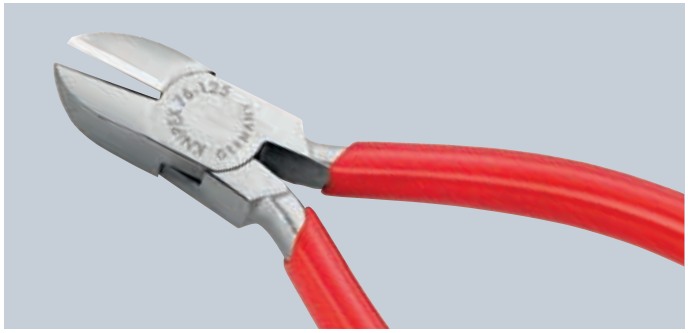
76 01 125



76 03 125

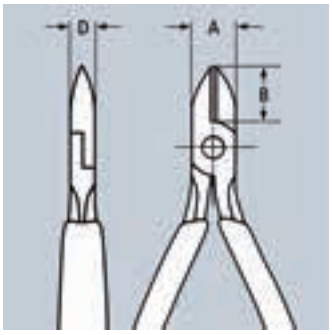


76 05 125





76 12 125







76 81 125

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	Dimensions A Ø mm	B Ø mm	D Ø mm	⚖ g
76 01 125	044482	125		black atramentized	polished	plastic coated	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	plastic coated	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 multi-component grips	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 grips	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 grips	0.4 – 2.5				14.5	16.0	9.0	107
76 81 125	040644	125		black atramentized	polished	plastic coated	0.4 – 1.7	1.3	0.8		14.5	16.0	9.0	85

KNIPEX X-Cut®

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
> Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened
> DIN ISO 5749

73 05 160 T*
> Pliers with tether attachment point for mounting a fall protection system

73 06 160 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



73 02 160



73 05 160



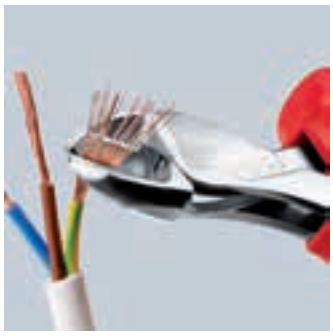
73 05 160 T



73 06 160

40 % less effort required
compared to standard or classic diagonal cutters.
With double mounted hinged joint.







Box-joint design: highest stability with low weight

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	Ø mm	⚖ g
			PATENTED	black atramentized	polished	with multi-component grips	4.8	3.8	2.7	2.2	12.0	175
73 05 160	075134	160	PATENTED	chrome-plated	chrome-plated	with multi-component grips	4.8	3.8	2.7	2.2	12.0	175
73 05 160 T	080077	160	PATENTED	chrome-plated	chrome-plated	with multi-component grips and integrated tether attachment point	4.8	3.8	2.7	2.2	12.0	180
73 06 160	075141	160	PATENTED 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	4.8	3.8	2.7	2.2	12.0	175
73 06 160 T	081487	160	PATENTED 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	4.8	3.8	2.7	2.2	12.0	185

* Other tools with tethering can be found from page 294

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 additionally induction-hardened (cutting edge hardness approx. 64 HRC), for all sorts of wire including piano wire
> Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened
> DIN ISO 5749

Style 1
> With opening spring; to be activated if required

Style 2
> 12° angled head offers clearance for gripping

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

74 02 200 T / 74 02 250 T / 74 22 200 T / 74 22 250 T*
> Pliers with tether attachment point for mounting a fall protection system

74 06 250 T*
> Pliers with integrated insulated tether attachment point for a tool tether

20 % less effort required

compared to classic diagonal cutters of the same length.
With integrated forged joint axle.



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



74 12: opening spring in deactivated position



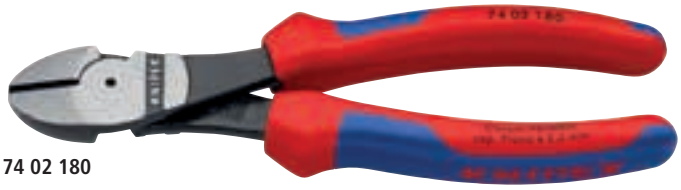




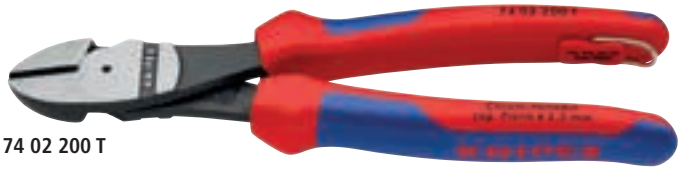
With integrated forged axle for heavy duty



74 01 200



74 02 180



74 02 200 T



74 05 180



74 06 200



74 06 200 T



74 07 200



74 12 180

* Other tools with tethering can be found from page 294



Article No.	EAN 4003773-	↔ mm		Style	Pliers	Head	Handles	Cutting capacities ◑ Ø mm	◕ Ø mm	● Ø mm	⚖ g
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	plastic coated	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						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 multi-component grips	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 02 200 T	080084	200			black atramentized	polished	with multi-component grips and integrated tether attachment point	4.2	3.0	2.5	305
74 02 250 T	080091	250						4.6	3.5	3.0	460
74 05 140	039617	140						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 multi-component grips	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						3.8	2.7	2.2	280
74 06 200	033820	200	1000 V		chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	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						4.2	3.0	2.5	305
74 06 250 T	081500	250	1000 V		chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	4.6	3.5	3.0	465
74 07 200	018414	200						4.2	3.0	2.5	328
74 07 250	018421	250	1000 V		chrome-plated	chrome-plated	with dipped insulation, VDE-tested	4.6	3.5	3.0	510
74 12 160	065111	160						3.4	2.5	2.0	209
74 12 180	060192	180		1	black atramentized	polished	with multi-component grips	3.8	2.7	2.2	273
74 21 200	050483	200						4.2	3.0	2.5	258
74 21 250	045021	250	∡25°	2	black atramentized	polished	plastic coated	4.6	3.5	3.0	390
74 22 200	051831	200						4.2	3.0	2.5	300
74 22 250	071372	250	∡25°	2	black atramentized	polished	with multi-component grips	4.6	3.5	3.0	437
74 22 200 T	080107	200						4.2	3.0	2.5	305
74 22 250 T	080114	250	∡25°	2	black atramentized	polished	with multi-component grips and integrated tether attachment point	4.6	3.5	3.0	460

KNIPEX TwinForce

High Performance Diagonal Cutters

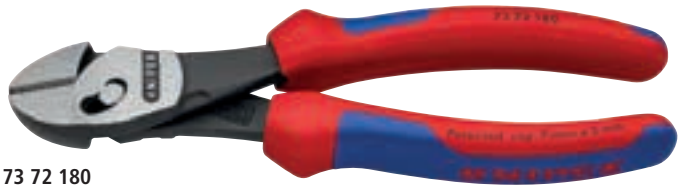
▸ The superior High-Leverage Diagonal Cutter with patented double joint

> 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 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

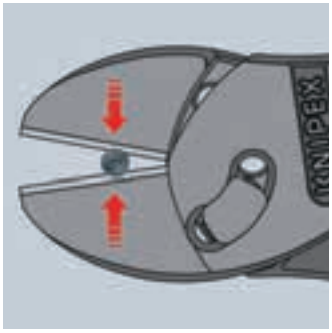


The opening spring can be easily activated and deactivated by a press of the thumb

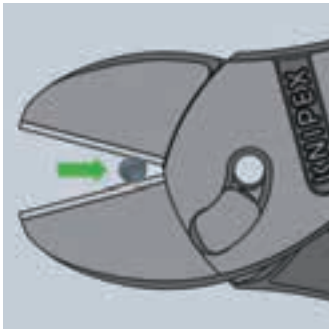
Cuts again 50 % easier than the tried and tested KNIPEX high leverage diagonal cutters

The option to reapply the tool. The KNIPEX TwinForce cuts even 4 mm thick wires without great effort when reapplied two or three times.

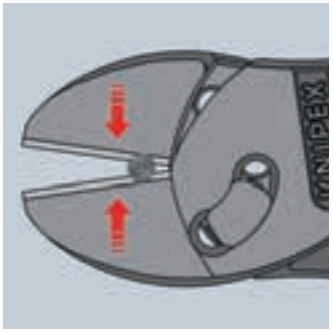
Conventional high leverage diagonal cutters either cannot cut these diameters or only with very great effort.



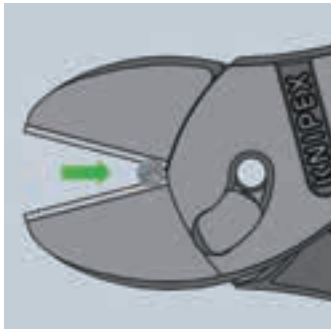
Insert the wires as close to the hinge as possible. In case of cutters with very high transmission, the width of the gap between the cutting edges close to the fulcrum may be less than the thickness of the wire. Wires may slip forward when the cutting starts.



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.

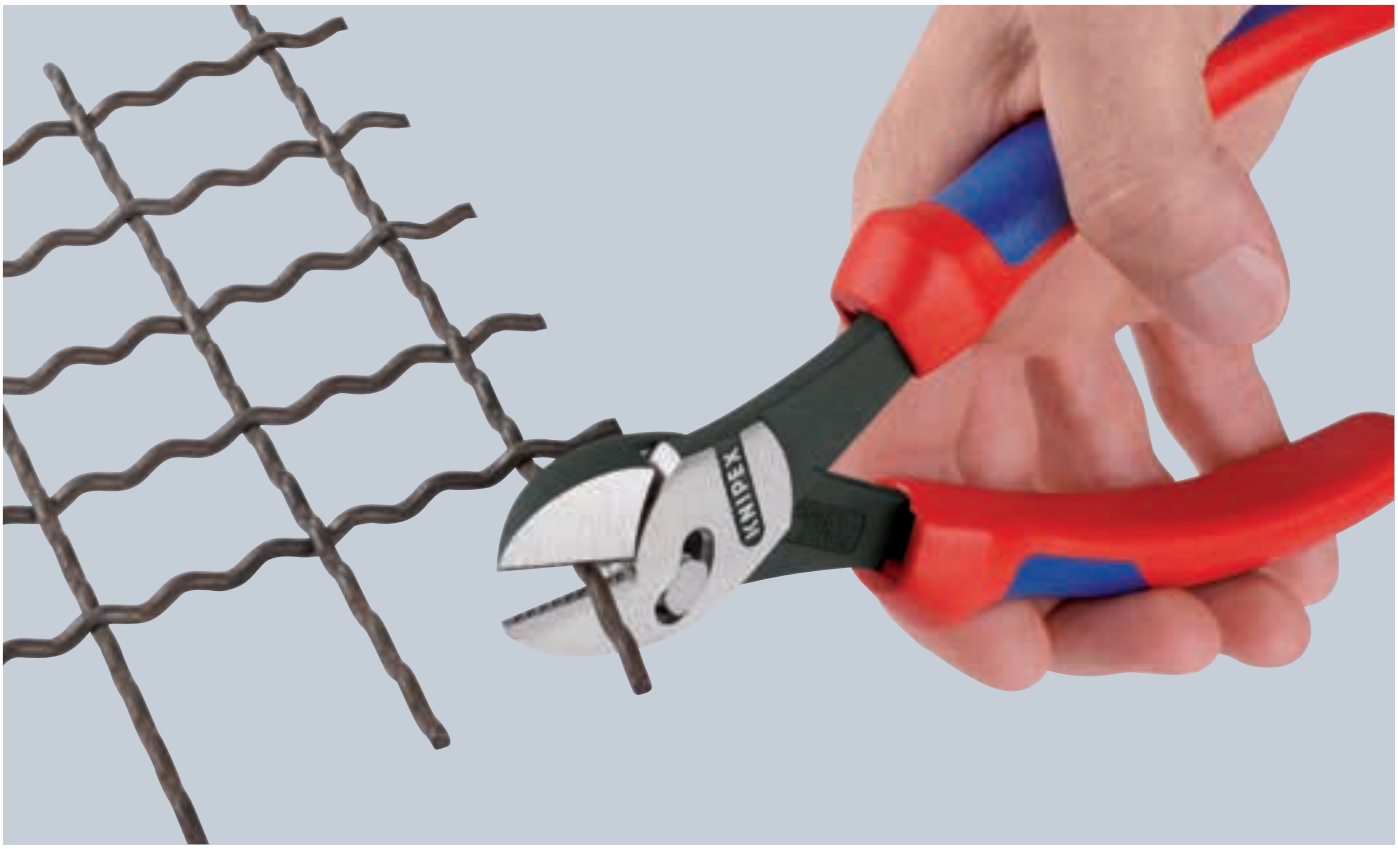


Continue cutting in the same location along the wire. Now cutting is much more easier because the wire remains in place closer to the fulcrum.



You can repeat this process if necessary.

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	⚖ g
73 71 180	074762	180		black atramentized	polished	plastic coated	5.5	4.6	3.2	3.0	255
73 72 180	074779	180		black atramentized	polished	with multi-component grips	5.5	4.6	3.2	3.0	280
73 72 180 F	077657	180		black atramentized	polished	with multi-component grips	5.5	4.6	3.2	3.0	291



High Leverage Centre Cutters



74 91 250

> With integrated forged axle for heavy duty
> With precision cutting edges for soft, hard and piano wire
> Cuts thick wires with less effort than other diagonal cutters of the same length
> Centric precision cutting edges
> High cutting performance with minimum effort due to optimum coordination of the 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





The cutting edges are in the centre of the cutter head

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	⚖ g
74 91 250	034070	250	▶◀	black atramentized	polished	plastic coated	5.0	5.0	3.8	3.5	395

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

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	⚖ g
71 01 160	082668	160	▶◀	black atramentized	plastic coated	5.3	4.4	3.2	3.0	200
71 31 160	084587	160	▶◀	black atramentized	plastic coated	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 tether attachment point for mounting a fall protection system



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.

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	⚖ g
71 01 200	033165	200		black atramentized	plastic coated	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 294

KNIPEX CoBolt

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 tether attachment point for mounting a fall protection system

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 42 200 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



Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	⚖ g
71 21 200	066866	200	∡20° PATENTED	black atramentized	plastic coated	6.0	5.2	4.0	3.6	320
71 22 200	066873	200	∡20° PATENTED	black atramentized	with slim multi-component grips	6.0	5.2	4.0	3.6	375
71 22 200 T	080053	200	∡20° PATENTED	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° PATENTED	black atramentized	plastic coated	6.0	5.2	4.0	3.6	335
71 42 200	087212	200	∡20° PATENTED	black atramentized	with slim multi-component grips	6.0	5.2	4.0	3.6	380

* Other tools with tethering can be found from page 294

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 32 200 / 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 tether attachment point for mounting a fall protection



71 31 200



71 32 200





Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	Ø mm	g
71 31 200	042327	200		black atramentized	plastic coated	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

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	g
71 01 250	079637	250		black atramentized	plastic coated	5.6	4.0	3.8	465
71 31 250	079644	250		black atramentized	plastic coated	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



71 72 460 **71 72 610** **71 72 760** **71 72 910**





Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities HRC 19 Ø mm	HRC 40 Ø mm	HRC 48 Ø mm	⚖ g
71 72 460	066750	460		grey atramentized	with multi-component grips	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



71 82 950



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





Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities HRC 19 Ø mm	HRC 40 Ø mm	HRC 48 Ø mm	⚖ g
71 82 950	066798	950	◀▶	grey atramentized	with multi-component grips	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

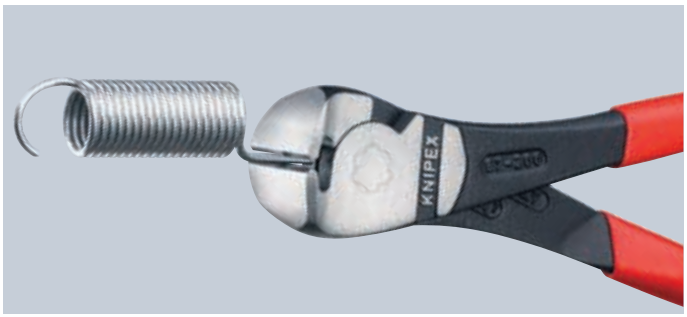


Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	⚖ g
61 01 200	033172	200	∡85°	black atramentized	polished	plastic coated	1.0 – 6.0	4.0	3.5	3.0	435
61 02 200	067047	200	∡85°	black atramentized	polished	with slim multi-component grips	1.0 – 6.0	4.0	3.5	3.0	435



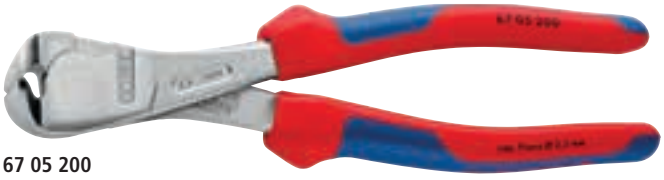
High Leverage End Cutting Nippers

> 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





67 01 200



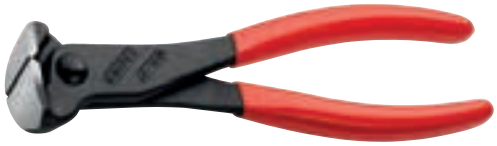
67 05 200

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	⚖ g
67 01 140	043690	140		black atramentized	polished	plastic coated	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
67 05 140	017929	140		chrome-plated	chrome-plated	with multi-component grips	4.0	3.1	2.0	1.5	176
67 05 160	017936	160					4.5	3.4	2.5	2.0	266
67 05 200	017943	200					5.0	3.8	3.0	2.5	361

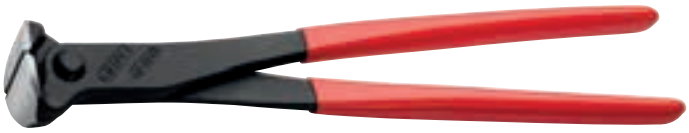
End Cutting Nippers

- 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



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	⚖ g
68 01 160	013792	160		black atramentized	polished	plastic coated	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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87 05 250

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!
- Practical adjustment scale: A laser-cut (metric and imperial) scale enables pre-setting to the width across flats

> 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 mechanism 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
> 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
> Great for gripping, holding, pressing and bending workpieces

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 tether attachment point for mounting a fall protection system



86 01 180



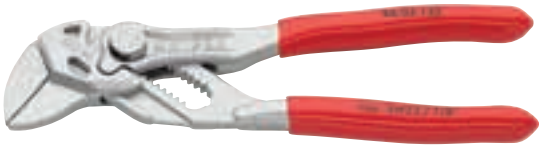
86 01 300



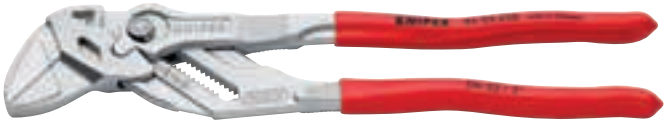
86 02 180



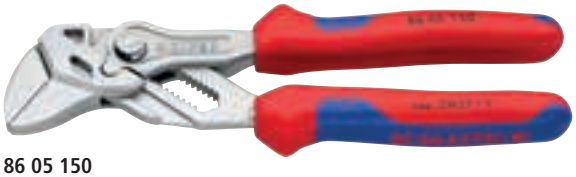
86 02 250



86 03 125



86 03 250



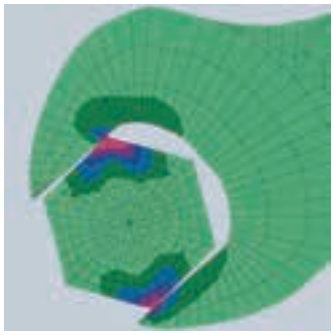
86 05 150



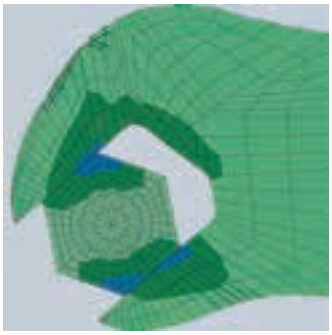
86 05 180

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.

* Other tools with tethering can be found from page 294



Conventional open end wrench: edge pressure causes surface damage



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



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



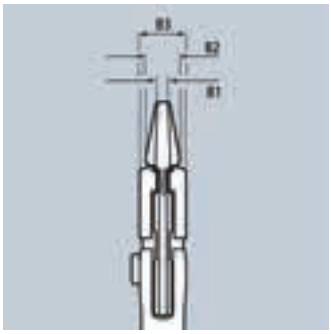
Replaces the need for sets of metric and imperial spanners

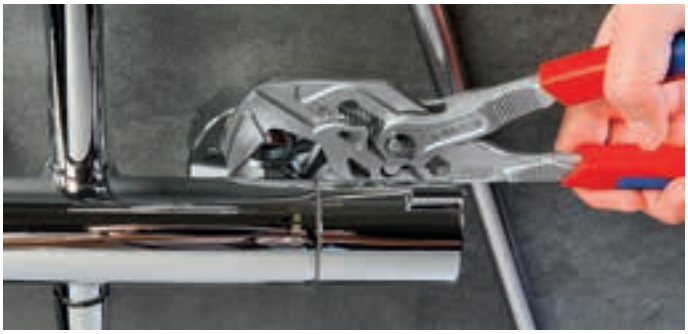


Ideal for bending operations



Fast adjustment at the touch of a button





Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Inch	mm	Adjustment positions	Dimensions B1 mm	B2 mm	B3 mm	g
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 multi-component grips	1 1/2	40.0	15	5.0	8.0	12.0	255
86 02 250	082392	250				2	52.0	19	8.0	8.0	14.0	485
86 03 125	077497	125		chrome-plated	plastic coated	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 multi-component grips	1	27.0	14	4.7	7.0	10.5	193
86 05 180	047162	180				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 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)
87 09 125	074151	Assortment of spare parts for adjustment for 86 / 87 125
86 09 150	073123	Assortment of spare parts for adjustment for 86 150
86 09 180	037514	Assortment of spare parts for adjustment for 86 XX 180

Pliers Wrenches XS

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



86 04 100

> 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



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.

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

Pliers Wrench XL

pliers and a wrench in a single tool

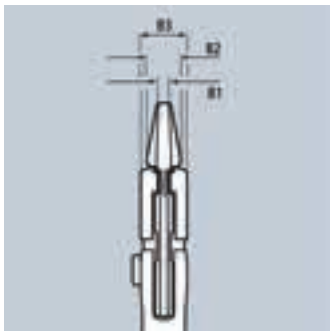
- The unique installation tool now also in 400 mm length
- For opening widths up to 85 mm / 3 3/8"



86 03 400

> 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 mechanism 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





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

Set of Pliers Wrenches

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

- 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

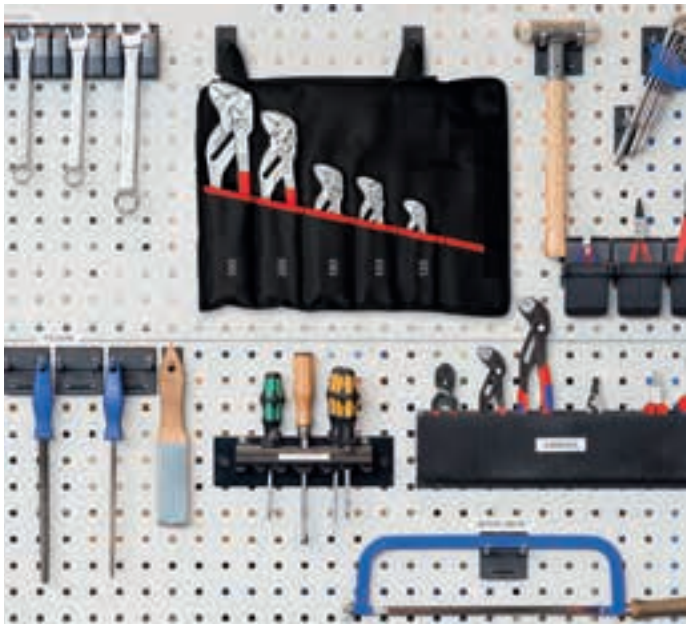
> Tool roll made of hard-wearing polyester fabric, with hook-and-loop fastener



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 from 125, 180 and 250 mm

00 19 55 S7
> Equipped with pliers wrenches in lengths from 1150, 250 and 300 mm





00 19 55 S4



00 19 55 S6



00 19 55 S7

Article 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 S4 LE	077824	Roll-up case for pliers wrenches, empty, 6 compartments					
00 19 55 S6 LE	086482	Roll-up case for pliers wrenches, empty, 4 compartments					

Pliers Wrench

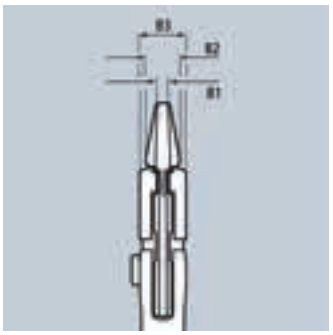
with roughened jaws

especially for opening plastic cable connectors

> 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





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

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







Article 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

KNIPEX TwinGrip

Slip Joint Pliers

- Unique combination: Front grip and side grip function, box joint, push button adjustment
- Very slim pliers let you work even in confined installation spaces with a narrow turning zone for fast results
- High-grip front jaw with robust teeth and high gear ratio at the tip of the mouth

> Large front and side gripping capacity for diameters and widths across flats 4 – 22 mm
> Reliable front gripping of flat workpieces due to the three-point system
> Gripping, tightening and loosening screws with worn heads and threads
> Five-way adjustable slip joint with push button adjustment for precise adjustment of gripping capacity
> Pinch stop reduces the risk of crushed fingers
> Durable and resilient due to the robust box joint
> Forged from high-grade chrome vanadium electric steel, oil-hardened, teeth additionally induction-hardened to approx. 61 HRC



82 01 200



82 02 200



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!







The KNIPEX TwinGrip allows the gripping capacity to be set flexibly in five positions...



...and the position to be changed quickly at the touch of a button!



The box-joint is robust and flexible, so that the pliers can hold workpieces between 4 and 22 mm in place.

Article No.	EAN 4003773-	↔ mm	Pliers	Handles	⬡ Inch	⬡ mm	Adjustment positions	⚖ g
82 01 200	087243	200	grey atramentized	with non-slip plastic coating	7/8	22.0	5	236
82 02 200	087250	200	grey atramentized	with multi-component grips	7/8	22.0	5	268

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.



Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Inch	mm	Adjustment positions	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-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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 workpiece is automatic with the KNIPEX SmartGrip®!

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



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	g
85 01 250	061304	250	PATENTED	grey atramentized	polished	with non-slip plastic coating	1 1/4	32.0	36.0	370

KNIPEX Cobra® XS

- 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-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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 texturised on the outside







Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 00 100	085836	100	PATENTED	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-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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 02 180 T / 87 02 250 T / 87 02 300 T*
> Pliers with tether attachment point for mounting a fall protection system

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 move 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



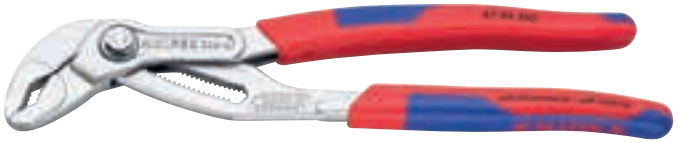
87 02 180



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.

* Other tools with tethering can be found from page 294






Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 01 125	069935	125		grey atramentized	polished	with non-slip plastic coating	1	30.0	27.0	13	85
87 01 150	060116	150		grey atramentized	polished	with non-slip plastic coating	1 3/8	36.0	32.0	16	145
87 01 180	022015	180					1 1/2	42.0	36.0	18	170
87 01 250	022022	250					2	50.0	46.0	25	335
87 01 300	034087	300		grey atramentized	polished	with non-slip plastic coating	2 3/4	70.0	60.0	30	530
87 02 180	042396	180		grey atramentized	polished	with multi-component grips	1 1/2	42.0	36.0	18	196
87 02 300	029144	300					2 3/4	70.0	60.0	30	580
87 02 180 T	080145	180		grey atramentized	polished	with multi-component grips, with integrated tether attachment point for a tool tether	1 1/2	42.0	36.0	18	200
87 02 300 T	080169	300					2 3/4	70.0	60.0	30	600
87 02 250	040316	250		grey atramentized	polished	with slim multi-component grips	2	50.0	46.0	25	366
87 02 250 T	080152	250		grey atramentized	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		chrome-plated	chrome-plated	with non-slip plastic coating	1	29.0	27.0	13	85
87 03 180	005667	180					1 1/2	42.0	36.0	18	175
87 03 250	043805	250					2	50.0	46.0	25	335
87 03 300	041382	300					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 grips	2 3/4	70.0	60.0	30	580

87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)
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 for adjustment for 87 180

Protective jaws

for the KNIPEX Cobra® 87 XX 180 / 250 / 300, updated models

- 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





Article No.	EAN 4003773-	Description	g
87 09 180 V01	088066	3 pairs of plastic jaws for all 87 XX 180 mm models (models from 2010)	12
87 09 250 V01	088073	3 pairs of plastic jaws for all 87 XX 250 mm models (models from 2007)	15
87 09 300 V01	088080	3 pairs of plastic jaws for all 87 XX 300 mm 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-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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





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

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	○ Ø Inch	○ Ø 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 for adjustment for 87 400
87 09 560	049845	Assortment of spare parts for 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

> Tool roll made of hard-wearing polyester fabric, with hook-and-loop fastener



00 19 55 S8



00 19 55 S9



00 19 55 S5

Article 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	Roll-up case for KNIPEX Cobra®, empty, 6 compartments
00 19 55 S8 LE	086499	Roll-up case 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

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 11 250	035473	250	MM	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

High-Tech Water Pump Pliers

- Fully open, push, grab!
- Additional fast adjustment on the workpiece by sliding the pliers handle



87 21 250



87 22 250

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



Press the button – open pliers completely



Position jaw – simply slide and close pliers



Hinge bolt locks itself with the first workload





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 21 250	072775	250	PATENTED	grey atramentized	polished	with non-slip plastic coating	2	50.0	46.0	25	335
87 21 300	078524	300					2 3/4	70.0	60.0	25	530
87 22 250	077794	250	PATENTED	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

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-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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 tether attachment point for mounting a fall protection system



87 26 250



87 26 250 T

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

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 26 250	071495	250	PATENTED 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2	50.0	46.0	24	340
87 26 250 T	081517	250	PATENTED 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated 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

> Ideal for service, maintenance and equipment repair, in automotive and general industry
> Long, narrow jaws
> Particularly good access to the workpiece due to very slim construction of head and joint area
> Firm grip also on flat material due to three-point rest
> Push the button for adjustment on the workpiece
> Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
> Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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
> Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
> Chrome vanadium electric steel, forged, multi stage oil-hardened
> DIN ISO 8976



87 51 250



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



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

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	max. parallel opening width	max. gripping depth	Adjustment positions	g
87 51 250	061267	250		grey atramentized	polished	with non-slip plastic coating	1 1/4	32.0	34.0	37.0	42.0	19	328
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 294

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

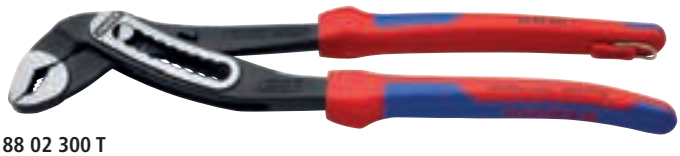
88 02 250 T / 88 02 300 T*
> Pliers with tether attachment point for mounting a fall protection system



88 01 180



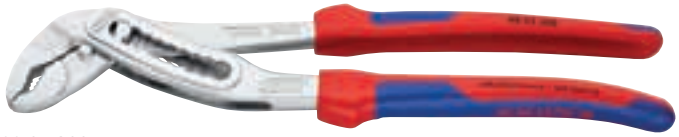
88 02 250



88 02 300 T



88 03 250



88 05 300



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



88 06 250



88 07 250





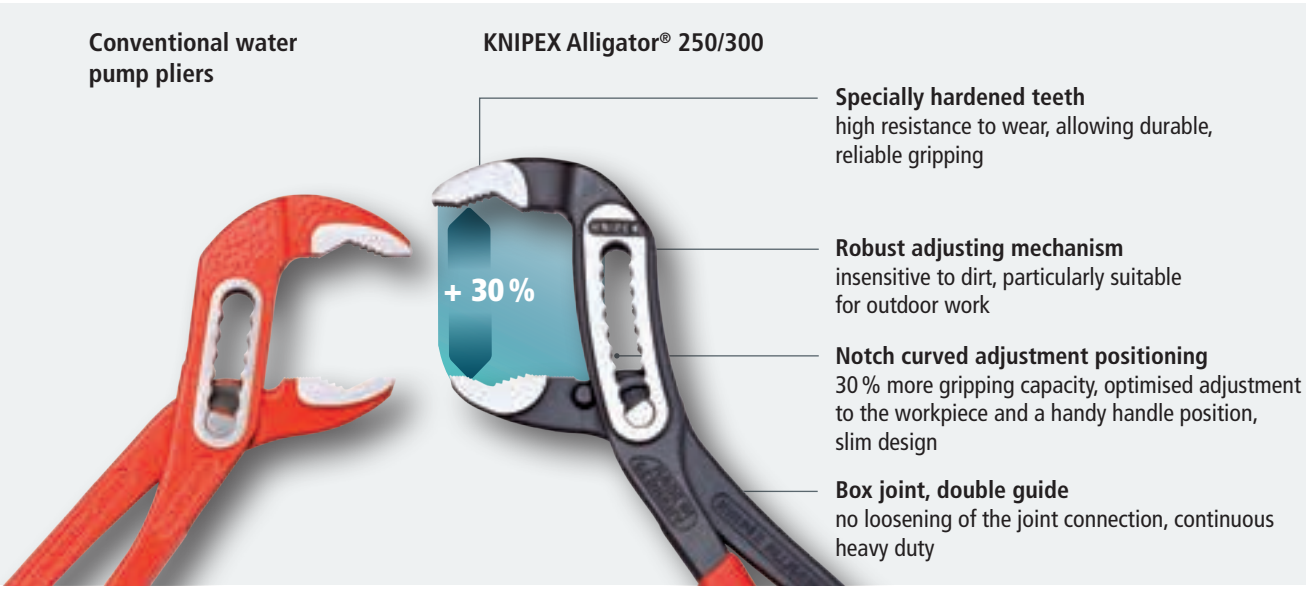




* Other tools with tethering can be found from page 294







Article 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					2	50.0	46.0	9	331
88 01 300	034094	300					2 3/4	70.0	60.0	9	511
88 02 180	044222	180		black atramentized	polished	with multi-component grips	1 1/2	42.0	36.0	9	210
88 02 300	029151	300					2 3/4	70.0	60.0	9	565
88 02 300 T	080183	300		black atramentized	polished	with multi-component grips, with integrated tether attachment point for a tool tether	2 3/4	70.0	60.0	9	595
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					2	50.0	46.0	9	319
88 03 300	019312	300					2 3/4	70.0	60.0	9	499
88 05 180	060130	180		chrome-plated	chrome-plated	with multi-component grips	1 1/2	42.0	36.0	9	210
88 05 300	042389	300					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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2	50.0	46.0	9	374
88 07 250	019343	250	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	2	50.0	46.0	9	420
88 07 300	022350	300					2 3/4	70.0	60.0	9	661

KNIPEX Alligator® XL

Water Pump Pliers

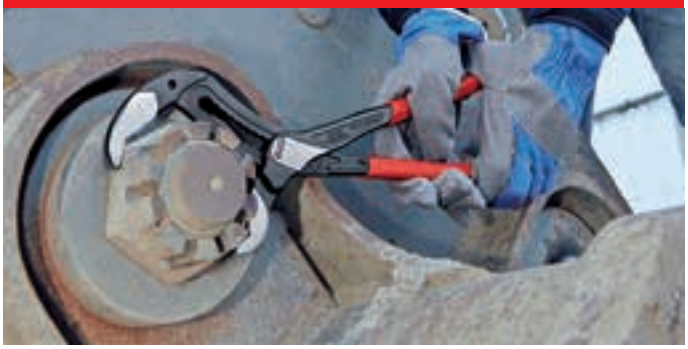
- The classic model, now also in 400 mm length
- Robust construction, insensitive to dirt; particularly suitable for outdoor work

> 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-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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 a water pump pliers while being 50 % lighter in weight and having a greater gripping capacity (3 ½") 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 very hard 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 ½", optimised adjustment to the workpiece and a comfortable handle position



Article No.	EAN 4003773-	↔ 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





Article No.	EAN 4003773-	↔ mm		Pliers	Ø Inch	Ø mm	Inch	g
83 10 010	014188	310			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	∠90°	red powder-coated	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





Article No.	EAN 4003773-	↔ mm		Pliers	Ø Inch	Ø mm	Inch	g
83 20 010	014218	320			1 5/8	42.0	1	817
83 20 015	014225	430	∠45°	red powder-coated	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



Article No.	EAN 4003773-	↔ mm		Pliers	Ø Inch	Ø mm	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

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







Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Ø Inch	Ø mm	Inch	g
83 60 010	075424	330		red powder-coated		1 5/8	42.0	1	898
83 60 015	075677	420	PATENTED			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	plastic coated	1 5/8	42.0	1	930
83 61 015	077619	420	PATENTED			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







Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Working Capacity Ø mm	Adjustment positions	⚖ 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 CUTTER

Pipe Cutter for multilayer and pneumatic hoses	136
KNIPEX PlastiCut® – Cutter for flexible hoses and plastic conduit pipes	136
Pipe Cutter for plastic conduit pipes	137
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KNIPEX BiX – Cutter for plastic pipes and sealing sleeves	139
KNIPEX DP50 – Pipe Cutter for plastic drain pipes	140
Pipe Cutter for composite and plastic pipes	141
Pipe Cutter for composite pipes and protective tubes	141
KNIPEX TubiX® / TubiX® XL – Pipe cutter	144



90 31 02

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 Ø 4 – 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



90 10 185

> 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





Article No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm	⚖ g
90 10 185	084846	185	4.0 – 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"



90 20 185

> 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



With replaceable blade





Article No.	EAN 4003773-	↔ mm		Cutting capacities max. Ø mm	⚖ g
90 20 185	067122	185	⩙	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 6.0 – 35.0 mm
- Low force requirement due to special blade geometry and optimum transmission

> Blade is replaceable and can be retracted from any position
> Minimum operator fatigue due to ergonomic handle design and incremental ratchet blade feed
> Not suitable for cutting cables
> Blade: special tool steel, oil-hardened
> Housing: die-cast aluminium, red lacquered



94 10 185









Article No.	EAN 4003773-	↔ mm		Body	Cutting capacities Ø mm	Blade length mm	⚖ g
94 10 185	047025	185	⩘	die-cast aluminium body, red lacquered	6.0 – 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®

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 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



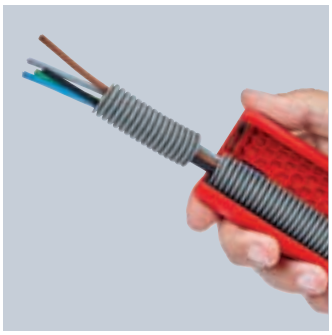
90 22 01 SB



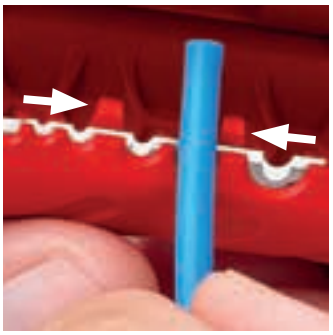
90 22 02 SB



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



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



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



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

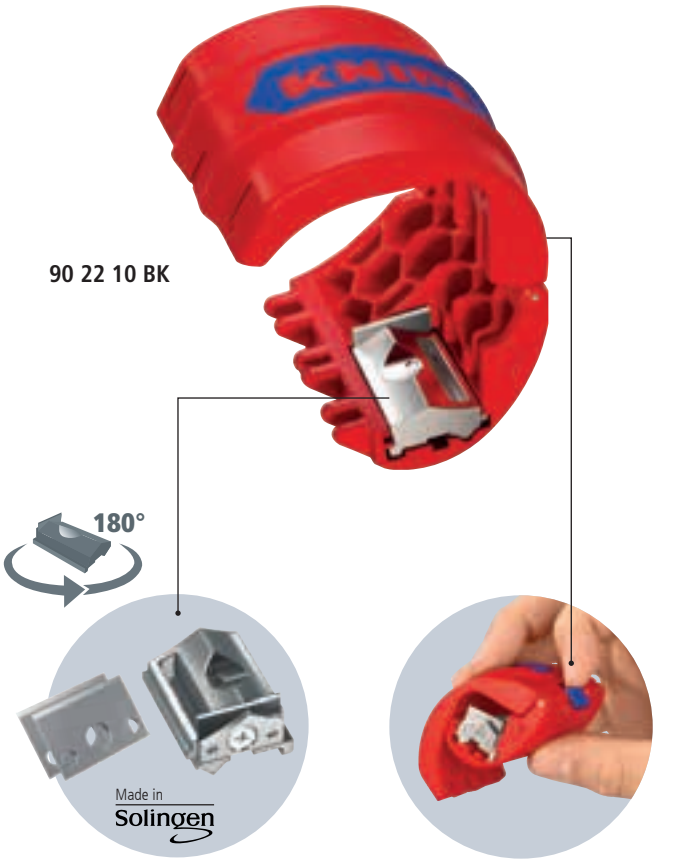
Article No.	EAN 4003773-	↔ mm		Cutting capacities Ø mm	Stripping capacity conductors and strands mm²	⚖ g
90 22 01 SB	082286	100	PATENTED	13.0 – 32.0		47
90 22 02 SB	082293	100	PATENTED	13.0 – 32.0	0.2 – 4	47

KNIPEX BiX

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 50 mm with a wall thickness of up to 2.4 mm
> Cuts soft plastic pipes and those with foam cores from Ø 20 to 50 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



The variable blade unit can be turned 180 degrees if necessary

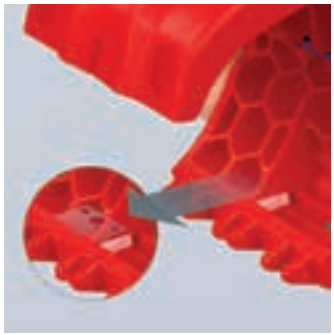
The blue latch enables the folded KNIPEX BiX to be locked safely for transport



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







Article No.	EAN 4003773-	↔ mm	Cutting capacities Ø mm	⚖ g
90 22 10 BK	087311	72	Ø 20 – 50 mm	70
90 22 10 E01	087564	Set with 8 spare blades for 90 22 10 BK		

KNIPEX DP50

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
> Optimal cutting due to slide-bearing and self-adjusting guide rolls
> Easy positioning due to clear view of cutting point
> Spring-loaded blade: no inconvenient readjusting while cutting
> Exchangeable blade with two cutting edges can be reversed when showing signs of wear
> Cuts lengths as small as 10 mm
> Housing made of glass fibre reinforced plastic



90 23 01 BK



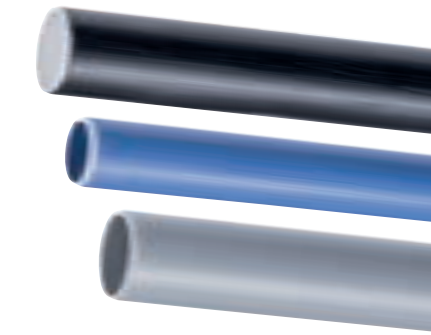
Once in place, the spring-loaded blade exerts enough pressure for the cut – no readjustment necessary!



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



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





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

Article No.	EAN 4003773-	↔ mm	Ø mm	⚖ g
90 23 01 BK	087809	165	32 / 30 / 50	295
90 23 01 E01	088103	Spare blade for 90 23 01 can be used from both sides		
90 23 01 E02	088110	Spare locking pin for 90 23 01		

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

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

Pipe Cutters

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 are cut cleanly and in a 90° angle

Article No.	EAN 4003773-	↔ mm	Tool	Handles	Cutting capacities composite pipes max. Ø mm	Cutting capacities protective tubes Ø mm	Blade length mm	⚖ g
90 25 20	046004	210	chrome-plated	with multi-component grips	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)

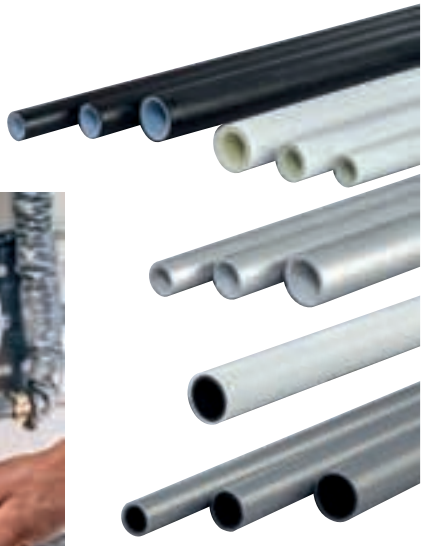




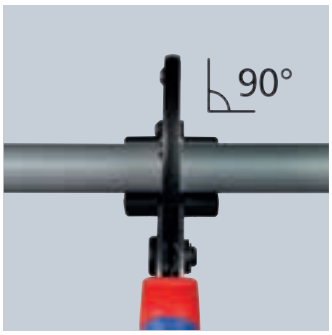
Makes cutting particularly easy: the rotating cutting wheel allows the pipe to be rotated in the pipe cutter with little friction, or, vice versa, the pipe cutter can be rotated around the pipe







The pipe cutter cuts all 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.

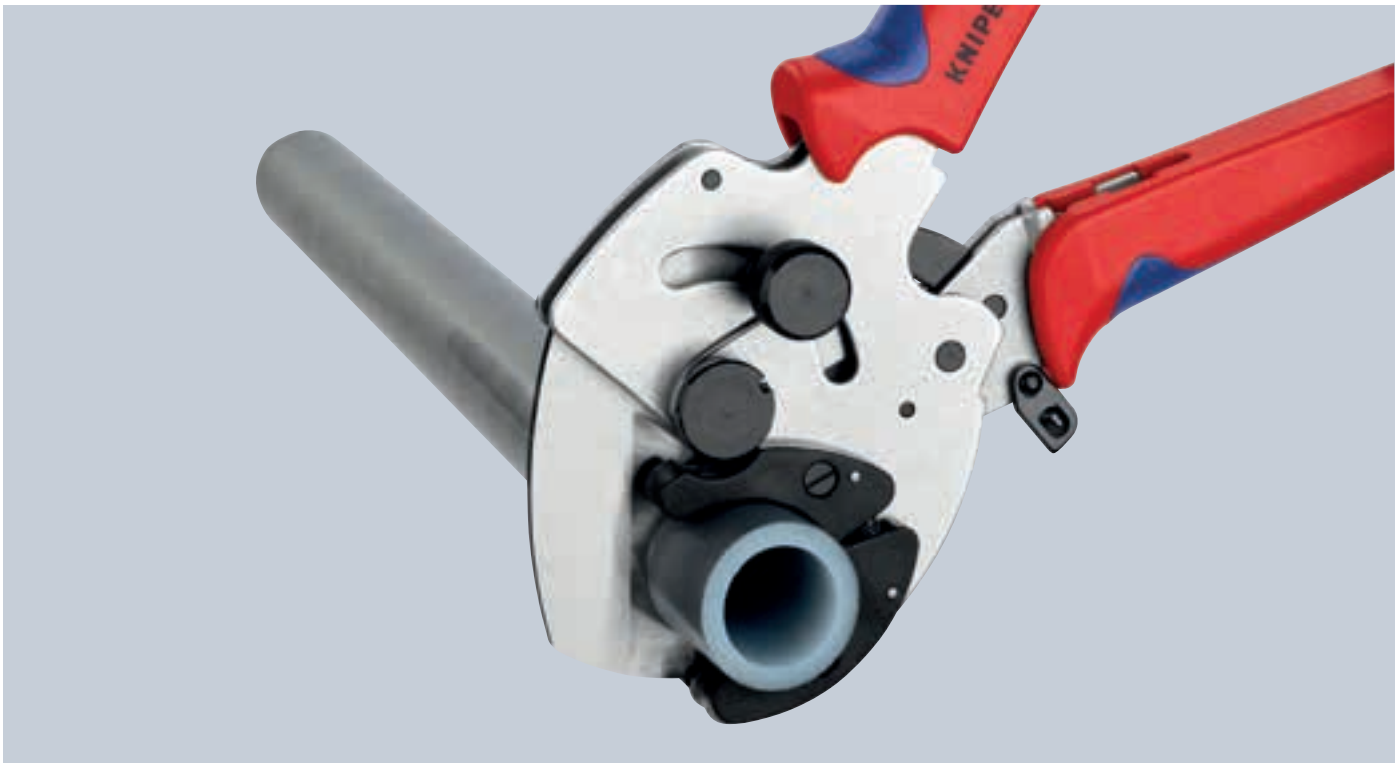


The wide plastic supports opposite the cutting wheel allow perfect right-angled cuts



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

Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities composite pipes max. Ø mm	⚖ g
90 25 25	088714	210		chrome-plated	with multi-component grips	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 mechanism 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

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


WINNER
EISEN
INNOVATION-
AWARD
2020
EISENWARENMESSE
KNIPEX
QuickLock
one-hand locking
mechanism:
Precise positioning,
independent holding and
clamping on the tube

KNIPEX TubiX®

Pipe cutter

- QuickLock locking mechanism: independent holding and clamping on the tube
- 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
> Cutting wheel made of high-grade 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

90 31 02 KNIPEX TubiX®
> Cuts pipes from Ø 6 – 35 mm (1/4" – 1 3/8")
> One-handed positioning and fixing of the cutting wheel on the pipe
> Lightweight and durable magnesium housing

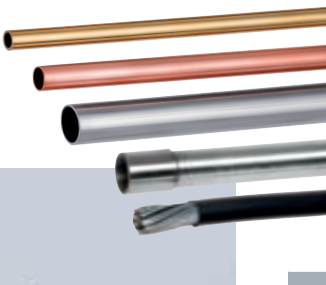
90 31 03 KNIPEX TubiX® XL
> Cuts pipes from Ø 6 – 76 mm (1/4" – 3")
> Lightweight and durable aluminium housing



90 31 02



90 31 03





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



For cutting copper, brass and stainless steel pipes and rigid steel conduits with wall thickness up to 2 mm



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



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



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



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

Article No.	EAN 4003773-	⟷ mm	Ø mm (Inch)	⚖ g
90 31 02 SB	084686	180	6.0 – 35.0 (1/4 – 1 3/8)	375
90 31 03 BK	088127	260	6.0 – 76.0 (1/4 – 3)	865

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
90 31 03 E01	088134	Spare deburring tool for 90 31 03

SPECIAL PLIERS AND CONTROL CABINET KEYS

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85 51 250

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 + 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







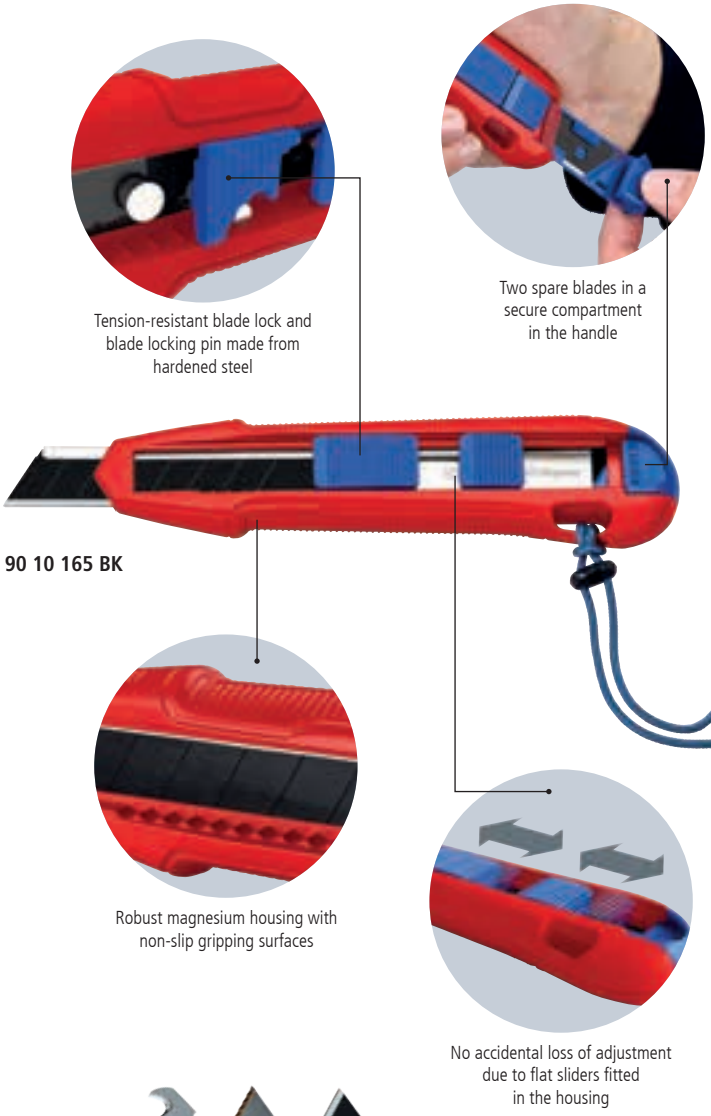
Article No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	⚖ g
10 98 I220	080749	220	black atramentized	polished	plastic coated	350
10 99 I220	080756	220	black atramentized	polished	plastic coated	345

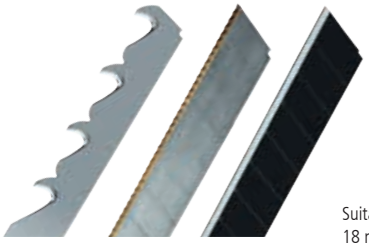
KNIPEX CutiX

Universal knife

- Innovative and variably extendable stabilisation bar: versatile, precise, and faster cutting
- Exert targeted pressure on the back of the blade without risk of injury, no unintentional bending or breaking of the blade
- 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 seperately 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




Suitable for allmost all common 18 mm snap-off blades


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


Ergonomic shape with numerous grip zones ensures safe and precise work


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

Article No.	EAN 4003773-	↔ mm	⚖ g
90 10 165 BK	087533	165	111
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









Article No.	EAN 4003773-	↔ mm		Tool	Handles	Blade length mm	⚖ g
94 55 200	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

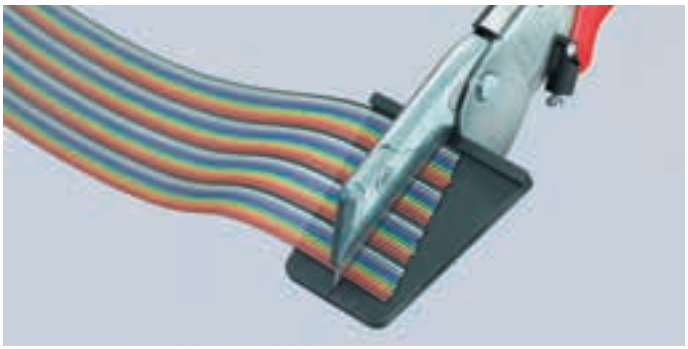
Cutter

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



Article No.	EAN 4003773-	↔ mm		Tool	Handles	Blade length mm	⚖ g
94 15 215	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







Article No.	EAN 4003773-	↔ mm		Tool	Handles	Blade length mm	⚖ g
94 35 215	046028	215		chrome-plated	with plastic handles	56.0	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

Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities mm	Blade length mm	⚖ g
95 02 21	052128	275		burnished	with multi-component grips	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



KEVLAR® is a registered trademark of E. I. du Pont de Nemours and Company

Article 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







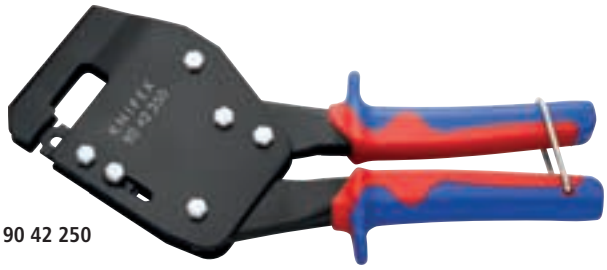
95 05 190

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







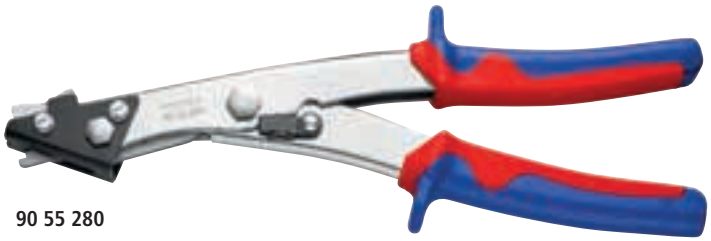
90 42 340

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Capacity	⚖ g
90 42 250	047865	250		burnished	with multi-component grips	max. 1.2 (2 x 0.6)	676
90 42 340	071884	340		burnished	with multi-component grips	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

Article No.	EAN 4003773-	↔ mm		Tool	Handles	⚖ g
90 55 280	026730	280		nickel plated	with multi-component grips	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 produces 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.





Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Capacity	⚖ g
90 61 16	051947	250	⩙⩙	burnished	with plastic grips	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

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Head thickness mm	⚖ g
84 11 200	052265	200		black atramentized	polished	plastic coated	3.5	180
84 21 200	051930	200	∠20°	black atramentized	polished	plastic coated	3.5	182

Spring Hose Clamp Pliers

> 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



Article No.	EAN 4003773-	↔ 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			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 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 for adjustment for 87 180
87 29 01	079002	Assortment of spare parts for 87 2X 250

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



85 51 180 C



85 51 250 C

Proven features of the KNIPEX Cobra®

> Pinch guard prevents operators' fingers being pinched
> Long-lasting secure grip ensured by high wear resistance
> Box-joint design for high stability due to double guide





Serrated gripping jaws for easy loosening of tight hoses









Article No.	EAN 4003773-	↔ 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 for 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

Article No.	EAN 4003773-	↔ mm		Pliers	⚖ g
90 70 220	019411	220	⩙	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



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

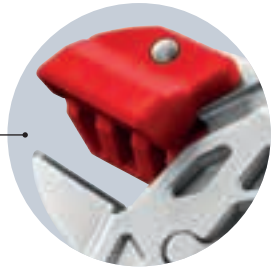
Tile Breaking Pliers

- For the precise cutting (breaking) of tiles and porcelain stoneware after scoring with a tile cutter
- Ideal for long and thick tiles

> Ideal protection of tiles against damage: replaceable positioning jaw made from soft, stable plastic
> Great crushing force due to 10-fold increase of manual force
> Easily adjusted to the required tile thickness at the press of a button
> Chrome vanadium electric steel, forged, oil-hardened



91 13 250



Plastic positioning jaw: tilting for a clean break line and optimum protection of the tiles against damage





Article No.	EAN 4003773-	↔ mm	Pliers	Handles	⚖ g
91 13 250	079538	250	chrome-plated	plastic coated	510

87 09 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)
91 19 250 01	079545	Spare jaw for 91 13 250

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
> User-friendly operation due to multi-component grips
> 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 92 180





Article No.	EAN 4003773-	↔ mm	Pliers	Handles	⚖ g
91 92 180	080725	185	mirror polished	with multi-component grips	195

KNIPEX TwinKey®

The most universal control cabinet key

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

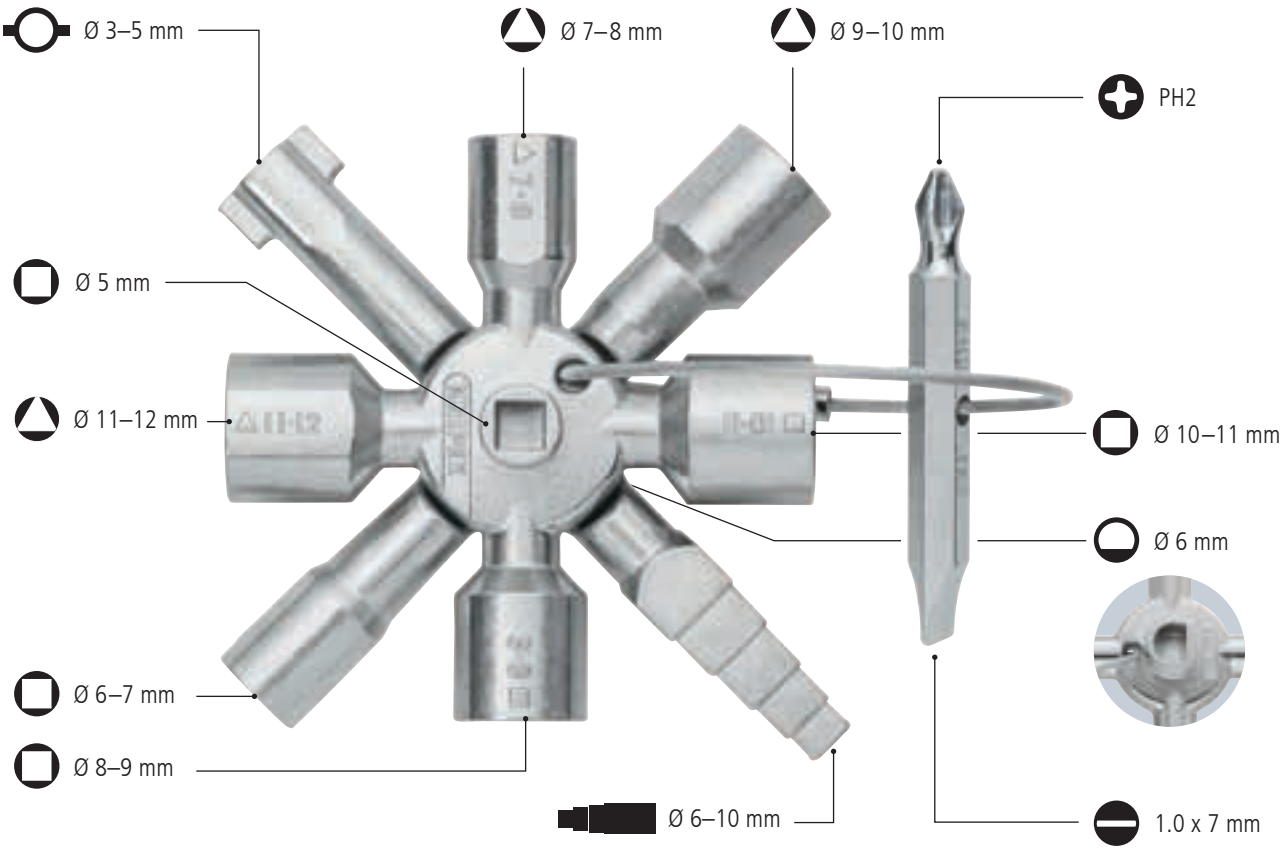
> Multifunctional key for the actuation of locking systems from the areas of facilities engineering (heating and plumbing, air conditioning, electrical technology), gas and water supply, and shut-off-systems
> 8-arm version: two 4-way spider keys connected in a space-saving way using magnets
> For 6 different locking systems
> 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



00 11 01







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

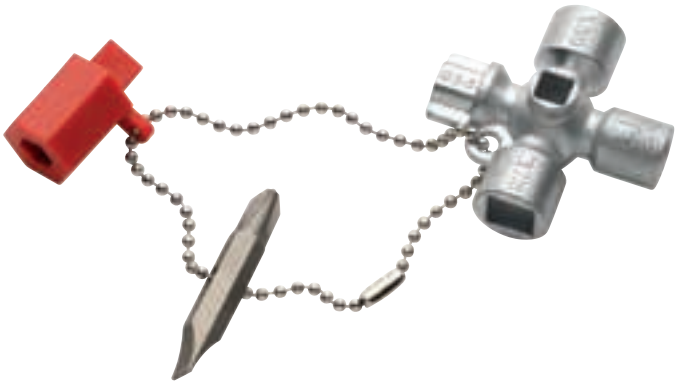
Control Cabinet Keys

for all standard cabinets and shut-off systems

> 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

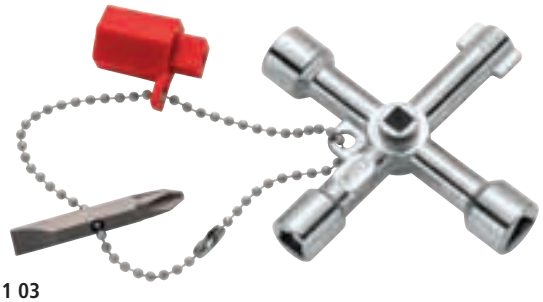
00 11 03
> Long execution, total length 72 mm



00 11 02







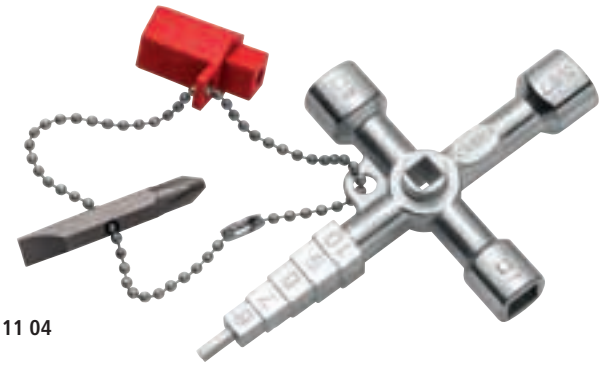
00 11 03

Article No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Inch	Bit	g
00 11 02	048947	44	3 – 5	5 / 6 / 7 – 8	7 / 8 – 9	1/4	PH2 / slotted 1x7	65
00 11 03	041658	76	3 – 5	5 / 6 / 7 – 8	7 / 8 – 9	1/4		88

Profi-Key

The key for applications in building technology

> 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

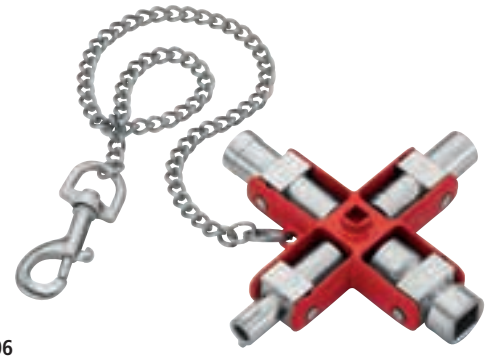




Article No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Ø mm	inch	Bit	g
00 11 04	048954	89	5 / 7 / 8	9 – 10	6 / 7 / 8 / 9 / 10	3	1/4	PH2 / slotted 1x7	86

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: 95 mm
> Zinc die-casted



00 11 06



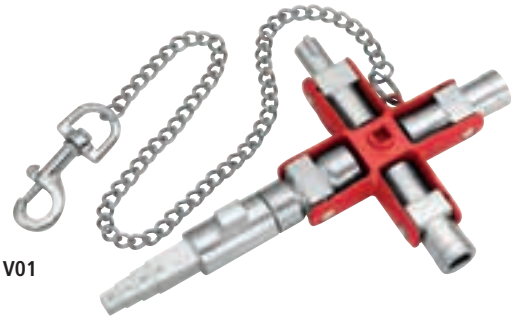


Article No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Ø mm	inch	g
00 11 06	071334	96	3 – 5	5 / 6 / 7 – 8 / 9 – 10	7 – 8 / 9 – 10 / 11 – 0	6	1/4	220

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: 95 mm
> Total length: 157 mm
> Zinc die-casted



00 11 06 V01





Article No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Ø mm	Ø mm	g	g
00 11 06 V01	075394	96	3.0 – 5.0	5 / 6 / 7 – 8 / 9 – 10	7 – 8 / 9 – 10 / 11	6 / 7 / 8 / 9	6	1/4	255

Control Cabinet Key “Double-Joint”

the foldable control cabinet key

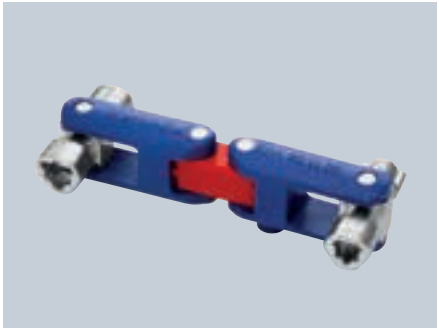
- Very compact design
- Can be used as T-handle for higher torques

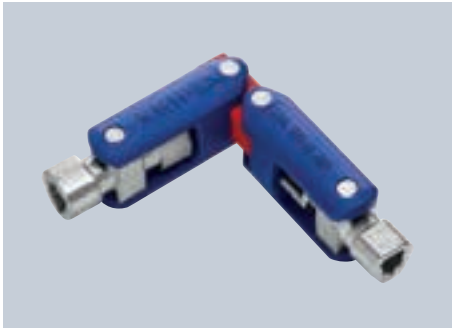
> Compact key for locking systems in electrical engineering, the supply of gas and water, air conditioning and ventilation systems, industry, technical installations in buildings, etc.
> For 3 different locking systems
> Total length: 62 mm
> Total length: 124 mm
> Key profiles made of die-cast zinc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



00 11 06 V03









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

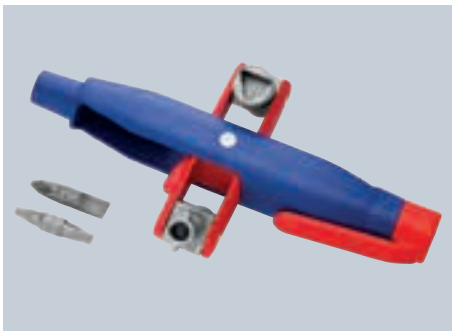
Pen-Style Control Cabinet Key

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









Article No.	EAN 4003773-	↔ mm	Ø mm	Ø mm	Ø mm	Inch	Bit	g
00 11 07	063018	145	3 – 5	5 / 6 / 8	9	1/4	PH2 / slotted 1.2 x 7 TX20 / TC25	95

CABLE AND WIRE ROPE SHEARS

KNIPEX StepCut® – Cable shears	166
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Wire Rope Cutters	177
Bowden Cable Cutter	179



95 16 160

KNIPEX StepCut®

Cable shears with step cut

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

> Cuts multi-core stranded copper and aluminium cables up to Ø 15 mm (50 mm²)
> Cuts solid copper and aluminium cables up to 5 x 4 mm²
> Cuts without crushing
> Bolted joint: precise, effortless, durable
> Pinch guard fitted for safe work
> 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



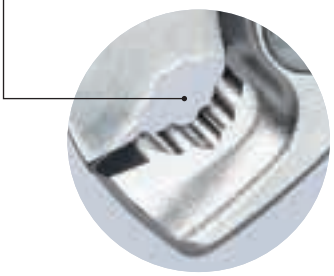
95 11 160



95 12 160



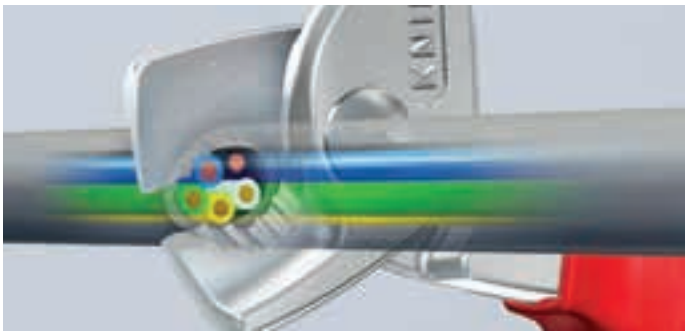
95 16 160



The gradations cut wires one after the other without crushing







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

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

Style 1
> Base

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 12 165 T*
> Pliers with tether attachment point for mounting a fall protection system

95 16 165 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



95 11 165



95 12 165 T



95 16 165



95 41 165



Cut performed with a Cable Shear: easy, clean cut without any deformation of the cable





95 26 165: Catch locks shears with internal opening spring



95 41 165: with stripping function

Article No.	EAN 4003773-	↔ mm		Style	Tool	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 11 165	040323	165		1	burnished	plastic coated	15.0	50	1 / 0	215
95 12 165	029182	180		1	burnished	with multi-component grips	15.0	50	1 / 0	250
95 12 165 T	080190	180		1	burnished	with multi-component grips and integrated tether attachment point	15.0	50	1 / 0	255
95 16 165	039648	165	1000 V	1	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	1 / 0	262
95 16 165 T	081524	165	1000 V	1	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	15.0	50	1 / 0	260
95 21 165	069805	165		2	burnished	plastic coated	15.0	50	1 / 0	215
95 22 165	069812	180		2	burnished	with multi-component grips	15.0	50	1 / 0	254
95 26 165	069980	165	1000 V	2	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	1 / 0	275
95 41 165	078609	165		4	burnished	plastic coated	12.0	35	2	220

* Other tools with tethering can be found from page 294

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 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.



Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities Ø mm	mm²	AWG	⚖ g
95 11 200	043928	200		burnished	plastic coated	20.0	70	2 / 0	283
95 12 200	047834	200		burnished	with multi-component grips	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



95 06 230

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

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

Electricians' Shears

- Precision finish with micro-toothing for a clean, non-slip 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

Article No.	EAN 4003773-	↔ mm	Head	Handles	g
95 05 10 SB	082125	190	polished	with multi-component grips, glass fibre reinforced plastic	135
95 05 155 SB	077725	155	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









With fine serration for precise cutting …



… and two crimping areas for standard wire ferrules sizes



Practical belt pouch (00 19 75 LE) available separately



Article 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 weigth, 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



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



95 12 500



95 17 500

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 12 500	069966	500		burnished	with multi-component grips	27.0	150	6 / 0	1090
95 17 500	026785	500	1000 V	polished	with dipped insulation, VDE-tested	27.0	150	6 / 0	1477

Cable Shears

for two-hand operation

Favourable lever ratio due to toggle lever

> For cutting copper and aluminium single conductors as well as multiple stranded cables
> Not suitable for steel wire and wire ropes
> Precision-ground, hardened blades
> Clean and smooth cut without crushing and deformation
> Pinch guard prevents operators' fingers being pinched
> Adjustable bolted joint
> Bolted cutter head, replaceable
> Handles: steel tube
> Cutter head: high-grade chrome vanadium electric steel, forged, oil-hardened



95 21 600



95 27 600

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 21 600	025252	600		polished	with plastic handles	27.0	150	6 / 0	1862
95 27 600	021797	600	1000 V	polished	with dipped insulation, VDE-tested	27.0	150	6 / 0	2262
95 29 600	021803	Spare cutter head for 95 21 600 / 95 27 600							

Cable Cutters

(ratchet mechanism)

- Little handforce required due to very high transmission ratio
- Simple handling as a result of low weight and compact design – can be used even in confined areas

> Not suitable for steel wire, wire ropes and fine-stranded (highly flexible) conductors
> Precision-ground, hardened blades
> Clean and smooth cut without crushing and deformation
> One-hand operation using ratchet mechanism
> Two-stage ratchet drive for easy cutting
> Pinch guard prevents operators' fingers being pinched
> 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
> Suitable for aluminium sector cable up to 4 x 150 mm²
> For cutting copper and aluminium single conductors as well as multiple stranded cables,up to Ø 52 mm (380 mm²)



95 31 250



95 31 280



95 36 250



95 36 280



Ratchet mechanism and two-stage ratchet drive for easier cutting



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



95 31 250/280: fixed handle with support area as an aid to position the cutters on a flat surface

Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities Ø mm	Cutting capacities mm²	MCM	g
95 31 250	043935	250		black lacquered	with multi-component grips	32.0	240	500	676
95 31 280	043942	280		black lacquered	with multi-component grips	52.0	380	750	860
95 36 250	026884	250	1000 V	black lacquered	insulated with multi-component grips, VDE-tested	32.0	240	500	652
95 36 280	026891	280	1000 V	black lacquered	insulated with multi-component grips, VDE-tested	52.0	380	750	835

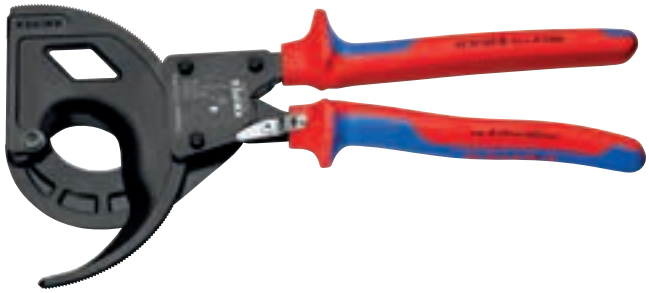
95 39 08	039204	Barrel spring for 95 31 250/280
95 39 250	022244	Movable spare blade for 95 31 250 / 95 36 250 (year of manufacture 2025 and later)
95 39 04	039167	Feed pawl for 95 3 250/280
95 39 280	025283	Movable spare blade for 95 31 280 / 95 36 280
95 39 08 S	039211	Tension spring set for lateral mounting 95 36 25/28

Cable Cutters

(ratchet mechanism, 3-stage)

- Sturdy. Easy to use. Stable.
- Innovative ratchet-drive
- For cable up to Ø 60 mm

> Fixed handle with support area for putting down the pliers when cutting
> Easy handling due to low weight (825 g) and compact construction (320 mm length) – also usable in confined areas
> Cuts through copper and aluminium cables up to Ø 60 mm in one-hand and two-hand operation
> Hardened, precision-ground cutting edges cut smoothly and neatly without crushing
> For cutting copper and aluminium single conductors as well as multiple stranded cables
> Innovative three-stage ratchet-drive with high leverage for easy cutting in one-hand and two-hand operation
> Not suitable for steel wire, wire ropes and fine-stranded (highly flexible) conductors
> High-grade special tool steel, forged, oil-hardened



95 32 320



95 36 320

The innovative three gear drive permits three operating modes

> Fast working with full lift of handles and one-handed operation when cutting through insulation material
> Powerfully sliding the sickle knife forward when cutting through the stranded conductor with two hand through use of the central lifting area (handling opening of between 1/3 and 2/3)
> Powerfully pushing the sickle knife forward with one hand to cut through the stranded conductor through use of the first third of the handle lift with one or two hands
> First manual ratchet mechanism cable cutter for one-hand and two-hand operation for cutting copper and aluminium cables with diameters of up to 60 mm!









Article No.	EAN 4003773-	↔ mm		Tool	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	MCM	g
95 32 320	075172	320		black atramentized	polished	with multi-component grips	60.0	600	1200	825
95 36 320	075189	320	1000 V	black atramentized	polished	insulated with multi-component grips, VDE-tested	60.0	600	1200	830

95 39 320 01	075714	Pivot cutter repair kit for 95 32 320 and 95 36 320
95 39 320 02	075721	Fixed cutter repair kit for 95 32 320 and 95 36 320

Cable Cutters

(ratchet mechanism)

for steel wire armoured cables (SWA cable)

- Cuts through steel wire armoured cables up to Ø 45 mm / 380 mm² (e.g. 4 x 95 mm²) using one or two-handed operation
- Sturdy. Easy to use. Stable.

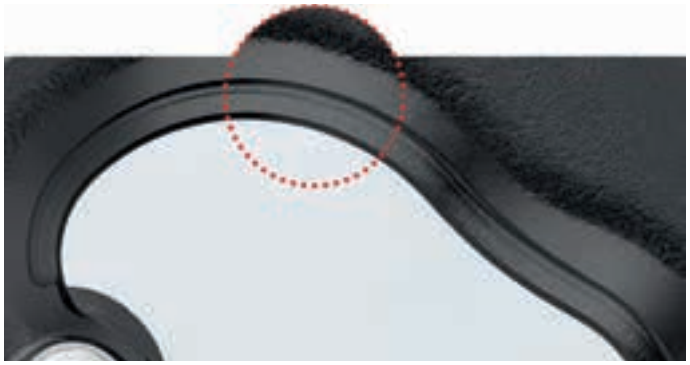
> Simple handling due to low weight (800 g) and compact design (315 mm length) – can also be used in confined areas
> Precision-ground blades and induction-hardened cutting edges cut smoothly and neatly without crushing
> Innovative high leverage three-stage ratchet-drive
> Support area for putting down the pliers when cutting
> Not suitable for cutting ACSR cable and wire rope!
> 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







Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities Ø mm	Cutting capacities mm²	MCM	g
95 32 315 A	078562	315		black lacquered	with multi-component grips	45.0	380	750	800
95 36 315 A	078579	315	1000 V	black lacquered	insulated with multi-component grips, VDE-tested	45.0	380	750	800

95 39 315 A01	078586	Pivot cutter repair kit for 95 32 315 A and 95 36 315 A
95 39 315 A02	078593	Fixed cutter repair kit for 95 32 315 A and 95 36 315 A

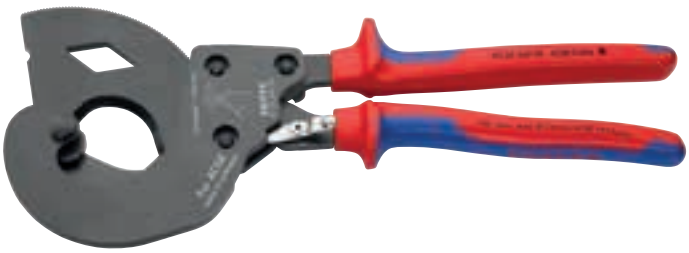
ACSR Cable Cutter

(ratchet mechanism)

for cables with a steel core

- The cable cutter cuts through ACSR cable with a steel core (= Aluminium Conductor Steel Reinforced) up to Ø 32 mm
- With one- or two-handed operation, the high leverage guarantees a simple, accurate cut

> Handy and compact with highest performance
> Extremely stable, dual guided of the revolving blade
> No fanning out of the cable: precision-ground and induction-hardened cutting edge for a clean cut and long service life
> Low handforce required due to two-stage gear drive with ratchet mechanism
> Fixed handle with support area for putting down the pliers when cutting
> Locking mechanism for transporting with safely closed handles
> All wearing parts are available as spare parts and exchangeable
> High-grade special tool steel, multi stage oil-hardened



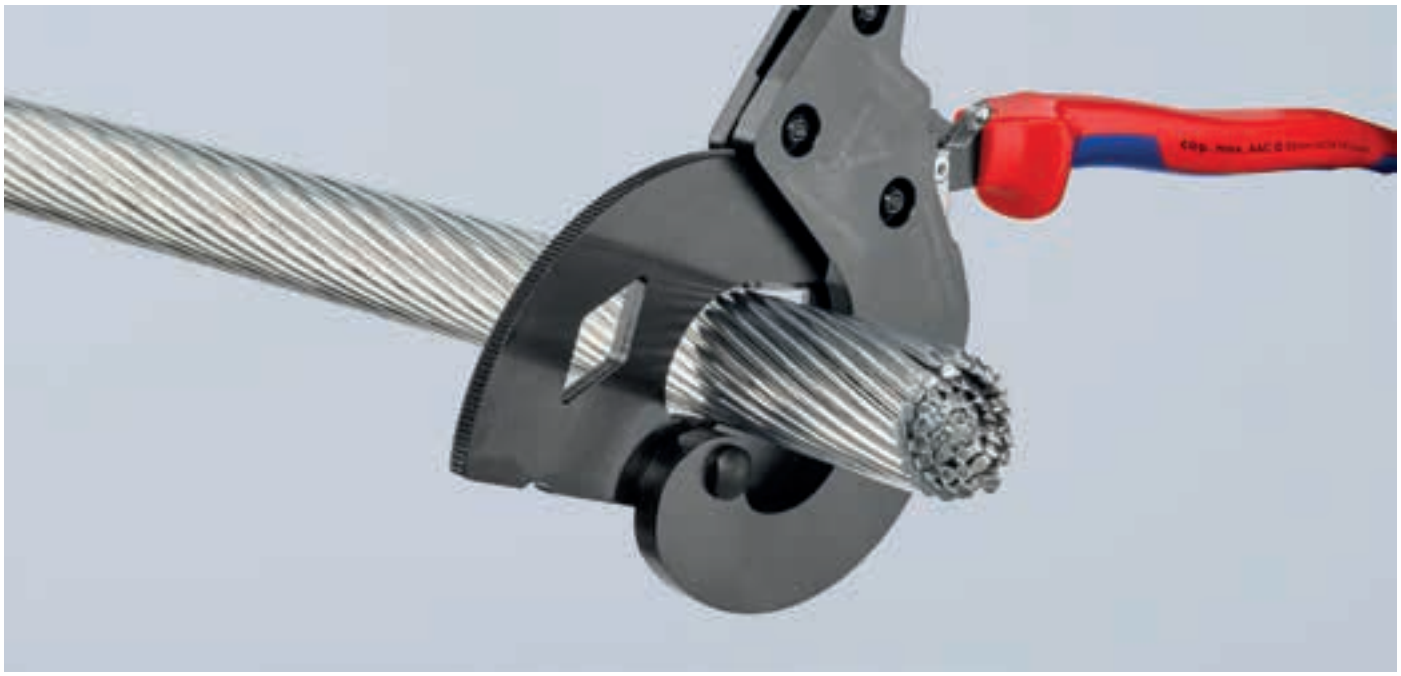
95 32 340 SR



Enormous power with a weight of just 1300 g



The strong "flange" on the handle can be used as a practical support surface when cutting larger diameters



Article No.	EAN 4003773-	↔ mm		Handles	Ø mm	Ø Inch	MCM	⚖ g
95 32 340 SR	081241	340	⋀⋀	with multi-component grips	32.0	1	477	1310
95 39 340 01	081340	Pivot cutter repair kit for 95 32 340 SR						

Cable Shears

(ratchet mechanism)

with telescopic handles

▶ Cable shears with adjustable telescopic handles allowing angular positioning



95 32 038

> 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

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



Article No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	MCM	g
95 32 038	071556	570	burnished	with multi-component grips	38.0	280	550	1980
95 39 038	073260	Spare cutter head for 95 32 038						

Cable Cutters

(ratchet mechanism)

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 mechanism
> 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 32 060
> Tool in length: 600 to 810 mm; weight only approx. 3820 g

95 32 100
> Tool in length: 650 to 860 mm; weight only approx. 4980 g



95 32 060



Article No.	EAN 4003773-	↔ mm	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	MCM	g
95 32 060	071563	630	burnished	with multi-component grips	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

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

> 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. 62 HRC
> Convenient work due to opening spring
> Secured by locking device during transport
> 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

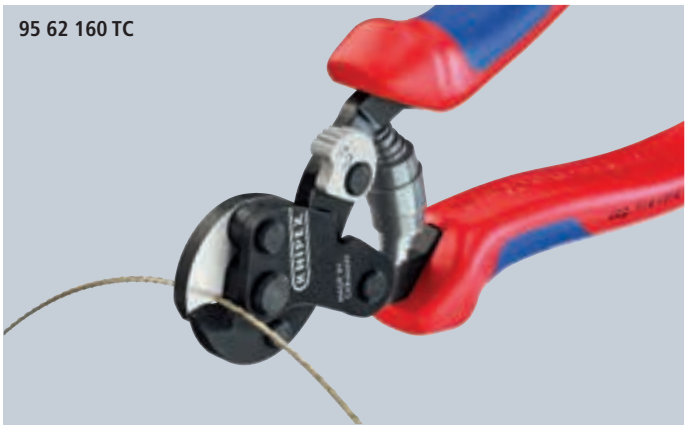


Cutting of high-strength wire ropes (1960 N/mm²) of up to Ø 4 mm



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





Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Ø mm	⚖ g
95 62 160	082354	160	PATENTED	burnished	with multi-component grips	6.0	4.0	175
95 62 160 TC	082422	160	PATENTED	burnished	with multi-component grips	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*
> 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







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



* Other tools with tethering can be found from page 294

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





Article No.	EAN 4003773-	↔ mm		Shears	Head	Handles	Cutting capacities Ø mm	g
95 61 150	065197	150		black atramentized	polished	plastic coated	3.0	205



CRIMPING PLIERS AND CRIMP ASSORTMENTS

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97 53 14

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 68 145 A
> VDE-tested safety up to 1000 volts



97 61 145 A

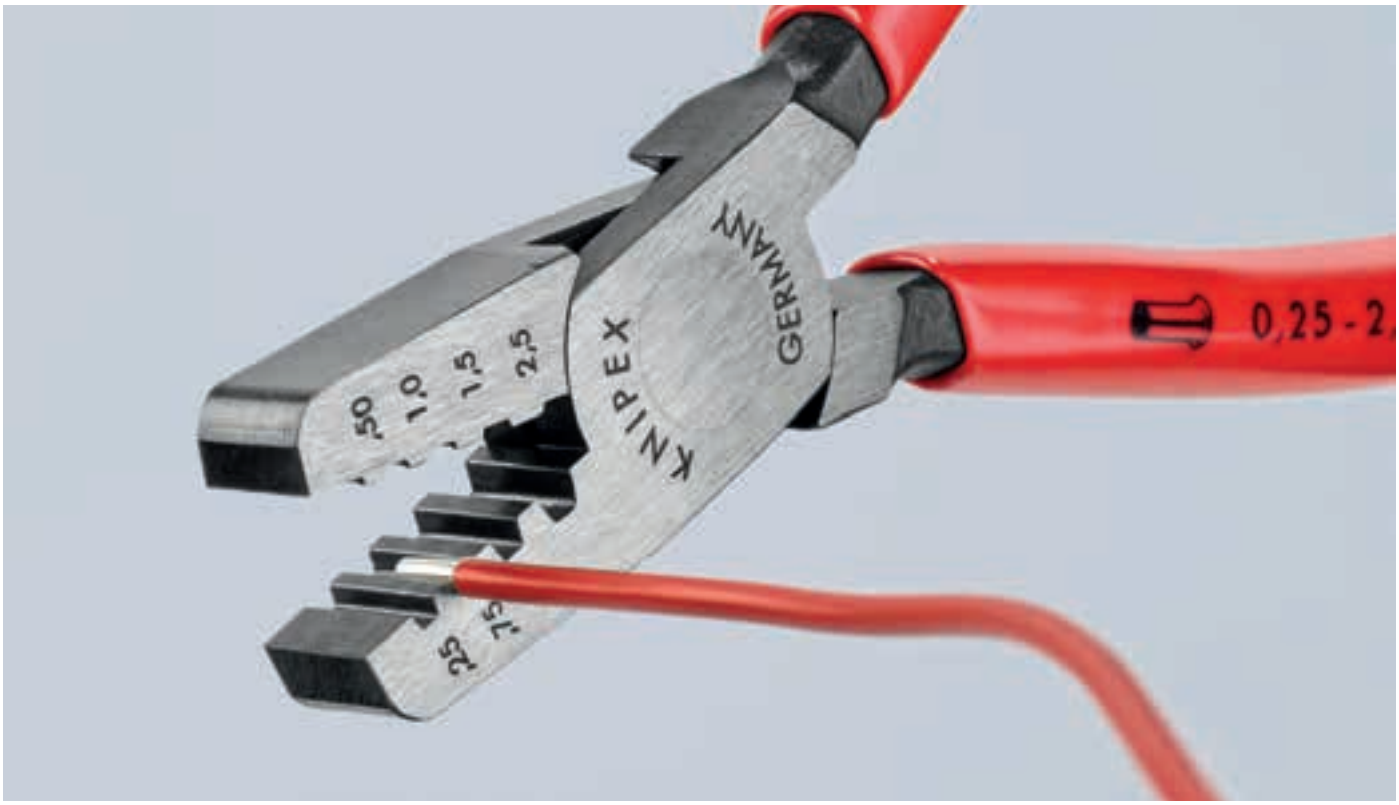


97 62 145 A



97 68 145 A

Article No.	EAN 4003773-	↔ mm			Head	Handles	Capacity mm²	AWG	⚖ g
97 61 145 A	035558	145			polished	plastic coated	0.25 – 2.5	24 – 14	140
97 62 145 A	060154	145			polished	with multi-component grips	0.25 – 2.5	24 – 14	170
97 68 145 A	071754	145		1000 V	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 78 180 T
> Pliers with integrated, insulated tether attachment point for a tool tether



97 71 180



97 72 180



97 78 180





Article No.	EAN 4003773-	↔ mm			Head	Handles	Application	Capacity mm²	AWG	⚖ g
97 71 180	040668	180			polished	plastic coated	Wire ferrules	0.25 – 16	24 – 6	205
97 72 180	060185	180			polished	with multi-component grips	Wire ferrules	0.25 – 16	24 – 6	242
97 78 180	072003	180		1000 V	polished	insulated with multi-component grips, VDE-tested	Wire ferrules	0.25 – 16	24 – 6	254
97 78 180 T	081531	180		1000 V	polished	insulated with multi-component grips with integrated insulated 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





Article No.	EAN 4003773-	↔ mm			Head	Handles	Application	Capacity mm²	AWG	⚖ g
97 81 180	019794	180			polished	plastic coated	Wire ferrules	0.5 – 6	20 – 10	209

* Other tools with tethering can be found from page 294

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)
> Tools have been set precisely (calibrated) in the factory
> Optimum transmission of force due to toggle lever for fatigue-reduced operation
> 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 4 mm² or 2 x AWG 12

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



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 end sleeves with major advantages for the user:

Automatic adjustment to the end sleeves used: This makes work easier for the professional and offers reliable and fast crimping.



Crimping capacity can be switched over simply from 10 mm² to 16 mm²



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



Also suitable for twin wire ferrules: capacity up to 2 x 10 mm²



Article No.	EAN 4003773-	←→ mm			Pliers	Handles	Application	Capacity mm²	AWG	⚖ g
97 53 04	028017	180		PATENTED	burnished	with multi-component grips	Wire ferrules	0.08 – 16	28 – 6	459
97 53 14	041474	180		PATENTED	burnished	with multi-component grips	Wire ferrules	0.08 – 16	28 – 6	445
97 55 04	084853	180		PATENTED	chrome-plated	with multi-component grips	Wire ferrules	0.08 – 16	28 – 6	459
97 55 14	084860	180		PATENTED	chrome-plated	with multi-component grips	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)
> Tools have been set precisely (calibrated) in the factory
> Optimum transmission of force due to toggle lever for fatigue-reduced operation
> Handy shape and low weight provide high operation comfort
> Approved crimping according to UL in conjunction with KNIPEX wire ferrules 97 99 330 – 399
> Special quality chrome vanadium electric steel, oil-hardened



97 53 08



97 53 09

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 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 used: 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.



Article No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm²	AWG	⚖ g
97 53 08	040187	190			burnished	with multi-component grips	Wire ferrules	0.08 – 10	28 – 8	477
97 53 09	044550	190			burnished	with multi-component grips	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; Trapezial crimp profile, high capacity range from 0.14 to 10 mm²











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



Twin wire ferrules up to 2 x 6 mm² can be crimped without adjustment







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

Article No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm²	AWG	⚖ g
97 53 18	082729	200			chrome-plated	with multi-component grips	Wire ferrules	0.14 – 16	26 – 6	478
97 53 19	088097	200			chrome-plated	with multi-component grips	Wire ferrules	0.14 – 10	26 – 8	486

KNIPEX PreciForce

Crimping Pliers

> Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
> Tools have been set precisely (calibrated) in the factory
> Optimum transmission of force due to toggle lever for fatigue-reduced operation
> Good handling due to favourable handle position, low weight, compact design and ergonomically shaped handles
> Crimping die is not exchangeable
> Special quality chrome vanadium electric steel, oil-hardened

For daily crimping applications, the specialist likes crimping pliers that work precisely and reliably. In addition, they should be light, comfortable to use, robust and reasonably priced: PreciForce.



97 52 36



97 52 37





97 52 30



97 52 33



97 52 34



97 52 35



97 52 36



97 52 37



97 52 38



97 52 50

Article No.	EAN 4003773-	↔ mm			Application	Capacity mm²	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 – 12	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 shrinkeable 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 50	051916	220			Coax-, BNC- and TNC-connectors for RG 58/174/188/316			498

97 49 94	030997	Locator for 97 49 04 / 97 52 04 / 97 52 34
97 49 95	031000	Locator for 97 49 05 / 97 52 05 / 97 52 35

Crimping Pliers

for two-hand operation

> For solder-free electrical connections
> The ingenious 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)
> Tools have been set precisely (calibrated) in the factory
> Two-hand operation for easy crimping of large conductor diameters
> Easy handling as a result of well balanced centre of gravity, angled head and ergnomically shaped handles
> Crimping die is not exchangeable
> Special quality chrome vanadium electric steel, oil-hardened



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



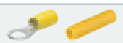
First step: move the handle with two fingers only until both jaws touch the connector to be crimped



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

Article No.	EAN 4003773-	↔ mm			Application	Capacity mm²	AWG	⚖ 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			577
97 52 13	048084	250			non-insulated terminals	0.5 – 10	20 – 8	558
97 52 18	026839	250			Twin wire ferrules 2 x 6 / 2 x 10 / 2 x 16 mm²	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

97 49 94	030997	Locator for 97 49 04 / 97 52 04 / 97 52 34
97 49 95	031000	Locator for 97 49 05 / 97 52 05 / 97 52 35

Crimping Pliers

short design

> Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)
> Tools have been set precisely (calibrated) in the factory
> 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 14
> For non-insulated open plug type connectors (plug width 2.8 + 4.8 mm)

97 52 20
> For Coax-, BNC- and TNC-connectors RG 58; 59; 62; 71; 223



97 52 14



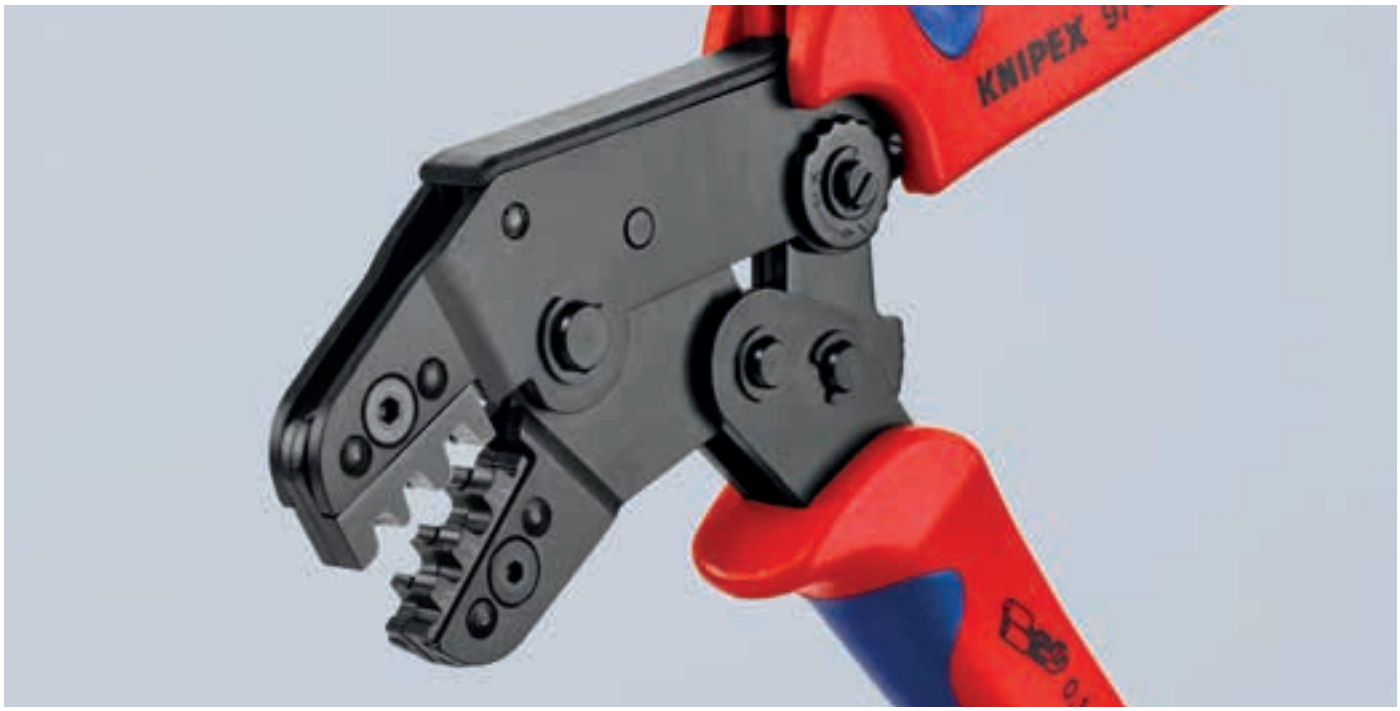
97 52 20











Article No.	EAN 4003773-	↔ mm			Handles	Application	Capacity mm²	AWG	⚖ g
97 52 14	026808	195			with multi-component grips	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 grips	Coax-, BNC- and TNC-connectors RG 58/59/62/71/223			380
97 59 14	026976	Locator for 97 52 14							

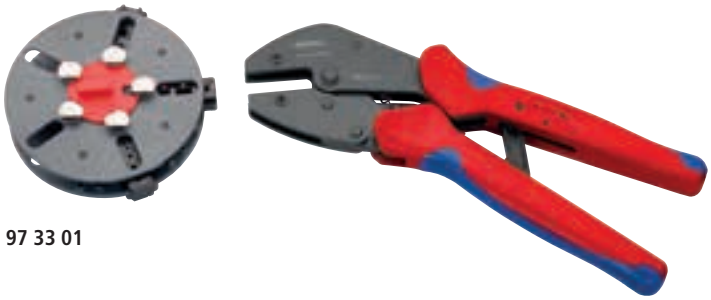
KNIPEX MultiCrimp

Crimping Pliers with changer magazine

> Just one tool for the most common crimping applications
> Crimping dies changed quickly and easily without any additional tool
> 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)
> 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 01



97 33 02

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



Changing the crimping dies: unlock the magazine position, take out the set of dies which the pliers have been pushed on



Fold in the service lever and press the pliers – ready for use again



Clearly visible marking on the crimping dies with pictograms



Magazine for crimping dies can be carried on a belt

Article No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm²	AWG	⚖ g
97 33 01	066927	250		PATENTED	burnished	with multi-component grips	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		PATENTED	burnished	with multi-component grips	non-insulated, open flat plug connector (plug width 4.8 + 6.3 mm)	0.25 – 6	24 – 10	870
							insulated connectors	0.5 – 6	20 – 10	
							Wire ferrules	0.5 – 6	23 – 10	
								10 / 16 / 25	8 / 6 / 4	
							non-insulated terminals	0.5 – 10	20 – 7	

97 39 05	070078	Crimping die for non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)
97 39 09	077763	Crimping die for insulated and non-insulated wire ferrules 10 / 16 / 25 mm²
97 39 06	070085	Crimping die for insulated cable lugs, plug connectors and butt connectors
97 39 08	070092	Crimping die for insulated and non-insulated wire ferrules 0,25 – 6 mm²
97 39 13	070108	Crimping die for non-insulated crimp
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, re-adjustable
> Optimum transmission of force due to lever action for fatigue-reduced operation
> Ergonomically designed handles
> Different locators for precise positioning of the connectors
> Crimping dies for applications not covered in the range offered here, may be available on request
> Tool body: high-grade chrome vanadium electric steel, oil-hardened
> Approved crimping according to UL in conjunction with KNIPEX wire ferrules 97 99 330 – 399
> The crimping die can be easily exchanged using two screws. Please refer to the instruction manual
> 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
> With attached crimping dies for MC4 photovoltaic cable connectors (2.5 / 4 / 6 mm²)

97 43 200
> 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 casew



97 43 200 /
97 43 200 A



97 43 05



97 43 66



97 43 200 with crimping dies 97 49 06 for insulated terminals, plug connectors and butt connectors



97 43 200 with crimping dies 97 49 09 for wire ferrules



97 43 400 with crimping dies 97 49 24 and locator 97 49 93 for D-Sub plugs

With the possibility of crimping almost all currently available crimping 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.

Article No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm²	AWG	⚖ g
97 43 05	031031	200			burnished	with multi-component grips	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 grips	insulated terminals and plug connectors	0.5 – 6	20 – 10	610
97 43 66	087779	200			burnished	with multi-component grips	MC4	2.5 – 6	14 – 10	618
97 43 200	030812	200			burnished	with multi-component grips				988
97 43 200 A	071587	200			burnished	with multi-component grips				574

KNIPEX eCrimp

Electromechanical Crimp System Pliers for exchangeable crimping dies

> 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

97 43 E
> With Euro plug

97 43 E AUS
> With plug adapter for AS/NSZ 3112

97 43 E UK
> With plug adapter for BS 5733 (GB)

97 43 E US
> With plug NEMA 1-15P (USA / Canada / Mexico)



97 43 E

The KNIPEX eCrimp is the first electromechanically actuated model of crimping pliers in the world. 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). Its universal application range makes it an essential tool in the workshop and for rough field work.











Article No.	EAN 4003773-		Mains voltage/frequency	Connector socket	⚖ g
97 43 E	076858	PATENTED	230 V / 50 Hz	CEE 7/16	1960
97 43 E UK	076865	PATENTED	230 V / 50 Hz	BS 5733	1960
97 43 E AUS	076872	PATENTED	230 V / 50 Hz	AS/NSZ 3112	1960
97 43 E US	077008	PATENTED	120 V / 60 Hz	NEMA 1-15P	1960
97 43 E 01	076889	Spare Storage Battery for KNIPEX eCrimp			

Crimping dies for manual and electromechanical KNIPEX Crimp System Pliers Article no.: 97 43 XX

Crimping dies for wire ferrules according to DIN 46 228

97 49 08 / 97 49 09 / 97 49 19
> Approved crimping according to UL in conjunction with KNIPEX wire ferrules 97 99 330 – 399

97 49 18
> UL approved compression together with KNIPEX wire ferrules 99 376 – 378



97 49 08 **97 49 08** **97 49 08** **97 49 08**

Article No.	EAN 4003773-			Application	Capacity mm²	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
> Tested connectors:
97 99 001 – 97 99 030,
97 99 090 – 97 99 180,
97 99 270 – 97 99 272

97 49 07
> Tested connectors:
97 99 250 – 97 99 252



97 49 06 **97 49 06 PI** **97 49 07** **97 49 16** **97 49 21**

Article No.	EAN 4003773-			Application	Capacity mm²	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 shrinkeable 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



97 49 21 **97 49 10** **97 49 14** **97 49 23** **97 49 30**

Article No.	EAN 4003773-			Application	Capacity mm²	AWG
97 49 21	086468			insulated and non-insulated connectors	0.1 – 0.5	28 – 20
97 49 10	076896			for non-insulated crimp	0.25 – 2.5	24 – 14
97 49 14	077756			for non-insulated crimp	0.5 – 10	20 – 8
97 49 23	052135			for non-insulated crimp	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

97 49 60
> The additionally available locator 97 49 90 makes it easier to guide the contact during the crimping process

97 49 61
> The additionally available locator 97 49 91 makes it easier to guide the contact during the crimping process


97 49 60


97 49 61


97 49 64

Article No.	EAN 4003773-			Application	Capacity mm²	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 serios 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 90	045144	Locator for 97 49 60 (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)


97 49 04


97 49 05


97 49 15

Article No.	EAN 4003773-			Application	Capacity mm²	AWG
97 49 04	030850			non-insulated open plug type connectors – plug width 2.8 + 4.8 mm	0.1 – 2.5	26 – 14
97 49 05	030867			non-insulated open plug type connectors – plug width 4.8 + 6.3 mm	0.5 – 6	20 – 10
97 49 15	043164			non-insulated open plug type connectors with laterial conductor connection style A	1.5 – 6	16 – 10

97 49 94	030997	Locator for 97 49 04 / 97 52 04 / 97 52 34
97 49 95	031000	Locator for 97 49 05 / 97 52 05 / 97 52 35

Crimping dies for rolled and punched contacts

97 49 24
> The additionally available locator 97 49 93 makes it easier to guide the contact during the crimping process

97 49 25
> The additionally available locator 97 49 25 1 makes it easier to guide the contact during the crimping process

97 49 26
> The additionally available locator 97 49 26 1 makes it easier to guide the contact during the crimping process

97 49 27
> The additionally available locator 97 49 27 1 makes it easier to guide the contact during the crimping process

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

Article No.	EAN 4003773-			Application	Capacity mm²	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			Mini-Fit™ von Molex		24 – 16
97 49 27	079811			MQS connector without single wire seal from Tyco Electronics	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

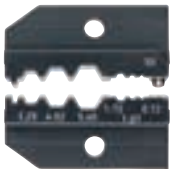
97 49 93	047926	Locator for 97 49 24 (D-Sub-plugs)
97 49 28 1	079828	Locator for 97 49 24 (D-Sub-plugs)
97 49 28 1	079835	Locator for 97 49 24 (D-Sub-plugs)
97 49 28 1	079842	Locator for 97 49 24 (D-Sub-plugs)
97 49 28 1	083764	Wire Feed Stopper for 97 49 28

Crimping dies for coaxial connectors

97 49 40
> Function 1: crimping capacity hexagonal 5.4 mm
> Function 3: 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

Article 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 59
> The additionally available locator 97 49 59 1 makes it easier to guide the contact during the crimping process
> Not suitable for punched H4 contacts

97 49 66
> The additionally available locator 97 49 66 1 makes it easier to guide the contact during the crimping process
> Not suitable for the contact series MC4 EVO2

97 49 66 4
> Universal crimping die with 4 mm² cable cross section
> Function 1: cutting of 4 mm² photovoltaic cables
> Function 2: stripping of 4 mm² photovoltaic cables
> Function 3: crimping of 4 mm² MC4 contacts
> Not suitable for the contact series MC4 EVO2

97 49 66 6
> Universal crimping die with 6 mm² cable cross section
> Function 2: cutting of 6 mm² photovoltaic cables
> Function 2: stripping of 6 mm² photovoltaic cables
> Function 3: crimping of 6 mm² MC4 contacts
> Not suitable for the contact series MC4 EVO2

97 49 68
> The additionally available locator 97 49 68 1 makes it easier to guide the contact during the crimping process

97 49 69 1 / 97 49 69 2
> The additionally available locator 97 49 69 11 makes it easier to guide the contact during the crimping process

97 49 71
> The additionally available locator 97 49 71 1 makes it easier to guide the contact during the crimping process
> Not suitable for punched H4 contacts

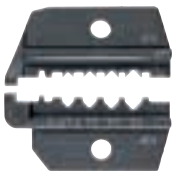

97 49 59

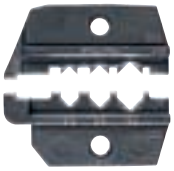

97 49 66


97 49 66 4


97 49 66 6


97 49 68


97 49 69 1


97 49 69 2


97 49 71

Article No.	EAN 4003773-			Application	Capacity mm²	AWG
97 49 59	073734			Helios H4 (Amphenol)	2.5 – 10	14 – 8
97 49 66	066699			MC4	2.5 / 4 / 6	14 / 12 / 10
97 49 66 4	072096			MC4	4	12
97 49 66 6	072102			MC4	6	10
97 49 68	066712			Solar cable connectors (Tyco)	1.5 – 6	16 – 10
97 49 69 1	072119			PST 40 (Wieland)	0.14 – 4	26 – 12
97 49 69 2	072126			PST 40 (Wieland)	4 / 6 / 10	12 / 10 / 8
97 49 71	075066			MC4	4 / 6 / 10	12 / 10 / 8

97 49 59 1	073741	Locator for 97 49 59 (solar cable connectors Helios H4)
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)
97 49 68 1	066743	Locator for 97 49 68 (solar cable connectors Solarlok)
97 49 69 11	072133	Locator for 97 49 69 1 and 97 49 69 2

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

Article 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 (Multi-Contact)

> Set of two mounting tools
> To loosen and 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









Article 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)
> Tools have been set precisely (calibrated) in the factory
> Optimum transmission of force due to toggle lever for fatigue-reduced operation
> 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





Article No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm²	AWG	⚖ g
97 54 24	060215	190			burnished	with multi-component grips	D Sub	0.03 – 0.56	32 – 20	305
97 54 25	079859	190			burnished	with multi-component grips	Micro-Fit 3.0 from Molex		30 – 20	305
97 54 26	079866	190			burnished	with multi-component grips	Mini-Fit™ von Molex		24 – 16	305

Tool Case for Photovoltaics

▶ Equipped with tools for photovoltaics

> With Crimp System Pliers 97 43 200 A for exchangeable crimping dies; crimping pressure has been set precisely (calibrated) in the factory
> With cable shears 95 16 165 for Cu cables up to Ø 15 mm
> Without crimping dies – please order separately (see ref. 97 49...) for individual assortment
> With service tools (hexagonal key) for the change of crimping dies
> Shock-resistant plastic case
> Foam insert with recesses for tools, 2 crimping dies (not included) and 2 locators (not included)
> Dimensions, exterior (W x H x D): 345 x 80 x 280 mm

97 91 01
> With Precision Insulation Stripper 12 12 11 with adapted blades for smaller stripping capacities 1.5 / 2.5 / 4.0 / 6.0 mm²

97 91 03
> With Precision Insulation Stripper 12 12 12 with adapted blades for larger stripping capacities 4.0 / 6.0 / 10.0 mm²





97 91 01

Article No.	EAN 4003773-				Quantity	Nominal size	⚖ g
97 91 01	070351	Tool Case 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	
		1000 V	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 Case for Photovoltaics					1964
			12 12 12	Precision Insulation Stripper with adapted blades 4 / 6 / 10 mm²	1	4.0 – 10.0 mm²	
		1000 V	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 Case for Photovoltaics empty					

Suitable crimping dies and locators see pages 193–196

Sets for Photovoltaics MC4

▸ Equipped with tools for photovoltaics

> With Crimp System Pliers 97 43 200 A for exchangeable crimping dies; crimping pressure has been set precisely (calibrated) in the factory
> With cable shears 95 16 165 for Cu cables up to Ø 15 mm
> With service tools (hexagonal key) for the change of crimping dies
> With set of mounting tools 97 49 66 2 to loosen and 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
> Shock-resistant plastic case
> Dimensions, exterior (W x H x D): 345 x 80 x 280 mm

97 91 04 V01
> With crimping die 97 49 66 for solar cable connectors MC4 (Multi-Contact) 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 (Multi-Contact) 4.0 – 10.0 mm², locator 97 49 71 1



97 91 04 V01

Article No.	EAN 4003773-			Nominal size	Quantity	⚖ g
97 91 04 V01	088998	Tool Case for Photovoltaics for solar cable connectors MC4 (Multi-Contact)				2010
		12 12 11	Precision Insulation Stripper with adapted blades 1.5/2.5/4/6 mm²	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 49 66	Crimping die for solar cable connectors MC4 (Multi-Contact)	2.5 – 6.0 mm²	1	
		97 49 66 1	Locator for 97 49 66 (solar cable connectors MC4)		1	
		97 49 66 2	Set of Mounting Tools for solar cable connectors MC4 (Multi-Contact)		1	
97 91 04 V02	089001	Tool Case for Photovoltaics for solar cable connectors MC4 (Multi-Contact)				2010
		12 12 12	Precision Insulation Stripper with adapted blades 4/6/10 mm²	4.0 – 10.0 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 49 66 2	Set of Mounting Tools for solar cable connectors MC4 (Multi-Contact)		1	
		97 49 71	Crimping die for solar cable connectors MC4 (Multi-Contact)	4.0 – 10.0 mm²	1	
		97 49 71 1	Locator for 97 49 71 (solar cable connectors MC4)		1	
97 91 01 LE	088813	Tool Case for Photovoltaics empty				

Four-Mandrel Crimping Pliers for turned contacts

> For crimping turned contacts
> Four-mandrel crimping for top-quality crimp connections
> Mandrel gauge to check the basic setting
> Repetitive, high crimping quality due to ratchet mechanism (unlockable)
> Optimum transmission of force due to highly effective lever action for fatigue-reduced operation
> High operation comfort due to handy shape
> 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

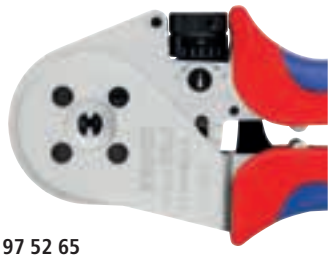
97 52 65 DG A
> Crimping capacity can be adjusted in increments of 0.01 mm; with digital display of the preset crimping capacities and possibility of re-calibration via RESET function with electronic wear monitoring; adjustment in mm, inches or comparable selection positions according to MIL; with table for calculating the settings; pliers in a plastic case with foam insert; without positioning guide



97 52 63



97 52 63 DG



97 52 65



97 52 65 A



97 52 65 DG



97 52 65 DG A



Multi-functional digital display, adjustment in mm, inch or comparable selection positions according to MIL



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.



Standard locator



97 59 65 2



Article No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Max. contact diameter mm	Capacity mm²	AWG	⚖ g
97 52 63	050148	180			chrome-plated	with multi-component grips	turned contacts	5.0	0.08 – 2.5	28 – 14	388
97 52 63 DG	063209	195		PATENTED	chrome-plated	with multi-component grips	for turned contacts from Phoenix Contact (formerly Coninvers)	5.0	0.08 – 2.5	28 – 14	388
97 52 65	045236	230			chrome-plated	with multi-component grips	turned contacts (Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10	676
97 52 65 A	071594	250			chrome-plated	with multi-component grips	turned contacts (Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10	604
97 52 65 DG	063216	250		PATENTED	chrome-plated	with multi-component grips	turned contacts (Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	7.5	0.14 – 6	26 – 10	633
97 52 65 DG A	071990	250		PATENTED	chrome-plated	with multi-component grips	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 DT contacts

- Crimps all turned male and female contacts of the series DT, DTM and DTP (formerly DEUTSCH connectors)
- Comprehensive capacity: from 0.35 mm² to 3.0 mm² (AWG 22–12)



97 52 67 DT

> 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
> Repetitive, high crimping quality due to ratchet mechanism (unlockable)
> Position settings for the crimp 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



Simple configuration of the crimp depth via adjusting disc with 8 setting positions



Position settings for the crimp depth can be clearly read on the pliers

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 59 67 1



97 59 67 2

Article No.	mm²	AWG	↔ mm	⚖ g
97 52 67 DT	0.35 – 3.00	22 – 12	230	650
97 52 67 1	Spare "Go" gauge		75	5
97 52 67 2	Spare "NoGo" gauge		75	5



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

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
> Bolted joint for higher stability and even movement
> Special steel, high-strength

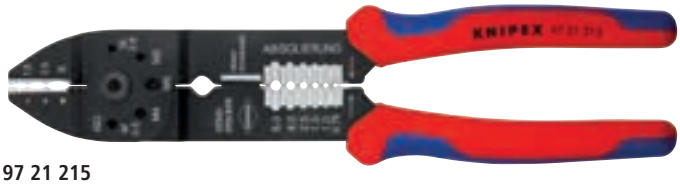
97 21 215
> For cutting cables, stripping wire and crimping insulated terminals and heat shrinkable sleeve connectors

97 21 215 B
> For cutting cables, stripping wire and crimping non-insulated plug type connectors

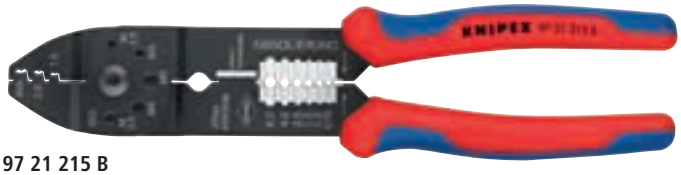
97 21 215 C
> For cutting cables, stripping wire and crimping non-insulated crimp terminals according to DIN 46234

97 22 240
> For cutting cables, stripping wire and crimping insulated terminals and heat shrinkable sleeve connectors and non-insulated plug type connectors

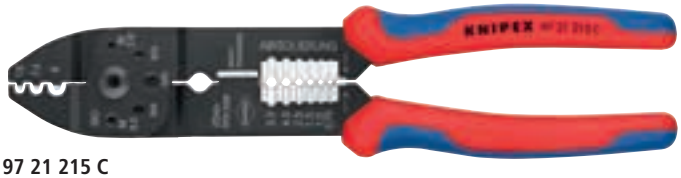
97 32 240
> For cutting cables, stripping wire and crimping insulated terminals and heat shrinkable sleeve connectors and non-insulated crimp terminals according to DIN 46234



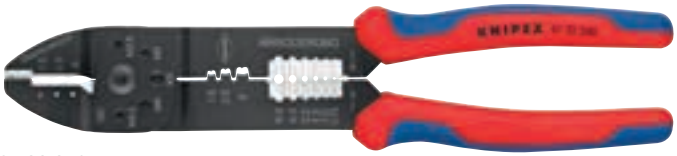
97 21 215



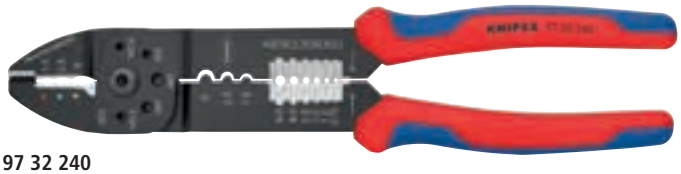
97 21 215 B



97 21 215 C



97 22 240



97 32 240









Article No.	EAN 4003773-	↔ mm			Pliers	Handles	Application	Capacity mm²	AWG	⚖ g
97 21 215	019688	230			black lacquered	with multi-component grips	insulated terminals + cable connectors	0.5 – 6	20 – 10	250
97 21 215 B	019695	230			black lacquered	with multi-component grips	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 grips	non-insulated terminals + cable connectors	0.5 – 6	20 – 10	290
97 22 240	070726	240			black lacquered	with multi-component grips	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 grips	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
> Head burnished, handles with two-colour multi-component grips
> Special quality chrome vanadium electric steel, oil-hardened

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 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 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



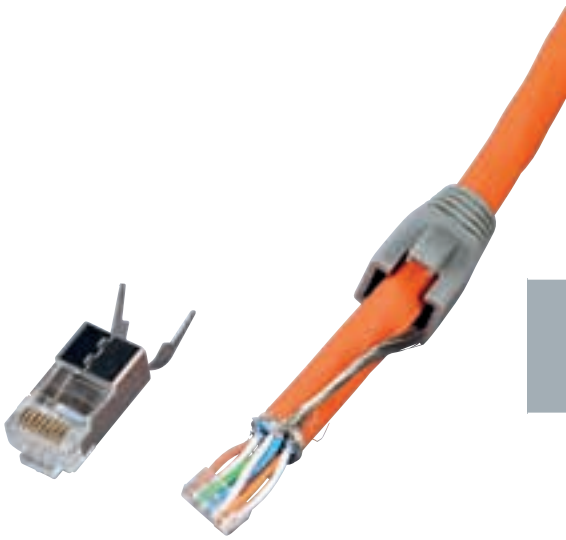
97 51 13











For shielded and unshielded Western plugs!

Article No.	EAN 4003773-	↔ mm			Handles	Capacity	⚖ g
97 51 10	043171	190			with multi-component grips	RJ 11/12 (6-poles) 9.65 mm RJ 45 (8-poles) 11.68 mm	340
97 51 12	043188	200			with multi-component grips	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 grips	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

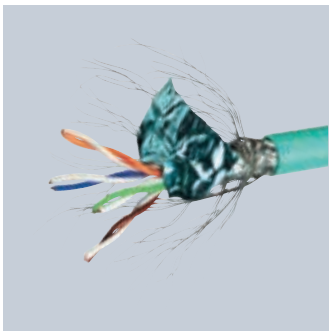


Inserts and cuts cables in one operation



With integrated pulling hook





Article 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



Article No.	EAN 4003773-	↔ mm	Application	⚖ g
97 40 20 SB	077626	175	for F, BNC and RCA connectors	430

F-Compression Connector

> Suitable for coax cable with outer diameter of 7 mm and dielectric from 4.7 mm diameter (all standard coax cable with Ø 1.1 mm inner conductor)
> Nitin-6™ coating ensures excellent protection against environmental influences
> Waterproof (8 h /at a depth of 30 m), ideal for connection to LNB and external antennae
> Suitable for KNIPEX 97 40 20 compression tool
> 10 Cablecon F-compression connectors in a blister pack



97 99 500







Article No.	EAN 4003773-	
97 99 500	082378	10

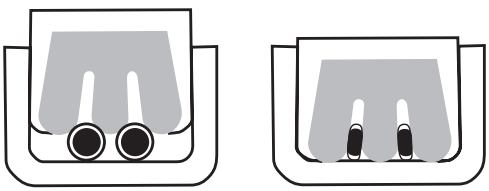
Crimping Pliers for Scotchlok™ connectors

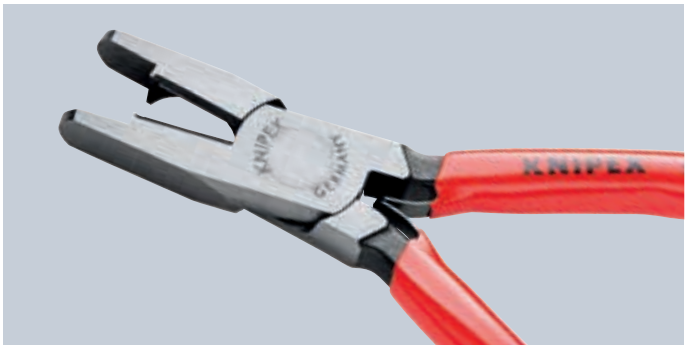
with side cutter

> 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





Article No.	EAN 4003773-	↔ mm		Head	Handles	Application	Capacity Ø mm	g
97 50 01	028239	155		polished	plastic coated	Scotchlok™ single connector	0.4 – 1.1	135

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

97 90 05
> Crimping pliers for wire end ferrules (97 71 180)

97 90 06
> Crimping pliers for wire end 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 Twistor16® (97 53 18) Self-Adjusting Crimping Pliers for wire ferrules with rotatable die head

97 90 14
> With crimping pliers for wire ferrules KNIPEX Twistor16® (97 53 18) and KNIPEX PreciStrip16 (12 52 195)

97 90 15
> With crimping pliers for wire ferrules (97 53 09) and KNIPEX PreciStrip16 (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 crimping pliers KNIPEX PreciForce for wire ferrules (97 52 38)



97 90 05



97 90 10



97 90 13



97 90 23



Article No.	EAN 4003773-		Pliers	200 x mm²	150 x mm²	100 x mm²	80 x mm²	75 x mm²	50 x mm²	40 x mm²	30 x mm²	20 x mm²	⚖ 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			930
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 97 53 04	0.5 / 0.75 / 1 / 1.5 / 2.5		4 / 6			10				1353
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 12 52 195	0.5 / 0.75 / 1 / 1.5	2.5			4 / 6	10	16			1450
97 90 15	084877		97 53 09 12 52 195		1.5	2 x 1.5 / 2.5	2 x 2.5 / 4		6	2 x 4	2 x 6 / 10	2 x 10 / 16	1450
97 90 16	086024		12 40 200 97 53 09	0.5 / 0.75 / 1 / 1.5 / 2.5		4 / 6			10				1450
97 90 17	086031		12 42 195 97 53 09	0.5 / 0.75 / 1 / 1.5 / 2.5		4 / 6			10				1450
97 90 23	062158		97 52 38	0.5 / 0.75 / 1 / 1.5 / 2.5		4 / 6							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



97 90 22

97 90 21
> With crimping pliers KNIPEX PreciForce (97 52 36) (for insulated terminals and plug connectors)

97 90 22
> Self-Adapting Universal Insulation Stripper Multistrip 10 (12 42 195); with crimping pliers KNIPEX PreciForce (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 32 241)



97 90 25



97 90 26

Article No.	EAN 4003773-		Pliers	Cable Connectors	Quantity	Cable mm²	g
97 90 21	062134		97 52 36	Blade Terminal Sockets, 6.3 x 0.8 mm	25	0.5 – 1	1416
					25	1.5 – 2.5	
					25	0.5 – 1	
				Round Sockets, Ø 4 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 4 mm	25	4 – 6	
					25	4 – 6	
				Cable Connectors, eye type, Ø 5 mm	25	1.5 – 2.5	
					25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
				Butt Connectors, insulated Red	25	0.5 – 1	
				Butt Connectors, insulated Blue	25	4 – 6	
				Round Pin Plugs Ø 4 mm	25	1.5 – 2.5	
97 90 22	062141		97 52 36 12 42 195	Blade Terminal Sockets, 6.3 x 0.8 mm	25	0.5 – 1	1527
					25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 4 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 5 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 8 mm	25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 4 mm	25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 5 mm	25	4 – 6	
				Cable Connectors, eye type, Ø 6 mm	25	4 – 6	
				Butt Connectors, insulated Red	25	0.5 – 1	
				Butt Connectors, insulated Blue	25	1.5 – 2.5	
				Butt Connectors, insulated Yellow	25	4 – 6	
97 90 25	076971		97 22 240	Blade Terminal Sockets, 6.3 x 0.8 mm	25	0.5 – 1.5	1150
					25	1 – 2.5	
				Cable Connectors, eye type, Ø 4 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 5 mm	25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 4 mm	25	4 – 6	
				Cable Connectors, eye type, Ø 5 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
					25	0.5 – 1	
				Cable Connectors, eye type, Ø 8 mm	25	1.5 – 2.5	
				Butt Connectors, insulated Red	25	0.5 – 1	
				Butt Connectors, insulated Blue	25	1.5 – 2.5	
				Butt Connectors, insulated Yellow	25	4 – 6	
97 90 26	079521		97 32 240	Blade Terminal Sockets, non-insulated, 6.3 x 0.8 mm	25	1.5 – 2.5	1420
					25	4 – 6	
				Blade Terminal Sockets, 6.3 x 0.8 mm	25	0.5 – 1	
					25	0.5 – 1	
					25	1.5 – 2.5	
				Blade Terminal Plugs, 6.3 x 0,8 mm	25	1.5 – 2.5	
					25	4 – 6	
				Cable Connectors, eye type, Ø 4 mm	25	4 – 6	
					25	0.5 – 1	
				Butt Connectors, insulated Red	25	1.5 – 2.5	
				Butt Connectors, insulated Blue	25	0.5 – 1	
				Butt Connectors, insulated Yellow	25	0.5 – 1	
97 90 00 LE	054009	TANOS MINI-systainer® empty					900

Blade Terminal Sockets

insulated

> Material: brass, tin-plated
> Insulation: nylon
> Max. temperature: 105 °C
> Max. electrical load: 600 V



97 99 022

Article No.	EAN 4003773-	Width x Depth mm²	Cable mm²	AWG	Colour	
97 99 001	075882	2.8 x 0.5	0.5 – 1	22 – 16	red	100
97 99 010	075899	4.8 x 0.8	0.5 – 1	22 – 16		100
97 99 020	075912	6.3 x 0.8	0.5 – 1	22 – 16		100
97 99 011	075905	4.8 x 0.8	1.5 – 2.5	16 – 14	blue	100
97 99 021	075929	6.3 x 0.8	1.5 – 2.5	16 – 14		100
97 99 030	075943	7.7 x 0.8	1.5 – 2.5	16 – 14		100
97 99 022	075936	6.3 x 0.8	4 – 6	12 – 10	yellow	100

Plug Connectors

non-insulated

> Material connector: galvanized brass



97 99 050

Article No.	EAN 4003773-	Width x Depth mm²	Cable mm²	AWG	
97 99 050	075950	2.8 x 0.8	1.5	16	100
97 99 060	075967	4.8 x 0.8	1.5	16	100
97 99 070	075974	6.3 x 0.8	1.5	16	100
97 99 071	075981	6.3 x 0.8	2.5	14	100

Flat Pin Accessory Distributors

insulated

> Material: brass, tin-plated
> Insulation: nylon
> Max. temperature: 105 °C
> Max. electrical load: 600 V



97 99 091

Article No.	EAN 4003773-	Width x Depth mm²	Cable mm²	AWG	Colour	
97 99 090	075998	6.3 x 0.8	0.5 – 1	22 – 16	red	100
97 99 091	076001	6.3 x 0.8	1.5 – 2.5	16 – 14	blue	100
97 99 092	076018	6.3 x 0.8	4 – 6	12 – 10	yellow	100

Blade Terminal Plugs

insulated

> Material: brass, tin-plated
> Insulation: nylon
> Max. temperature: 105 °C
> Max. electrical load: 600 V



97 99 111

Article No.	EAN 4003773-	Width x Depth mm²	Cable mm²	AWG	Colour	
97 99 110	076025	6.3 x 0.8	0.5 – 1	22 – 16	red	100
97 99 111	076032	6.3 x 0.8	1.5 – 2.5	16 – 14	blue	100
97 99 112	076049	6.3 x 0.8	4 – 6	12 – 10	yellow	100

Round Sockets

insulated

> Material: brass, tin-plated
> Insulation: nylon
> Max. temperature: 105 °C
> Max. electrical load: 600 V



97 99 131

Article No.	EAN 4003773-	Connector Ø mm	Cable mm²	AWG	Colour	
97 99 130	076056	4.0	0.5 – 1	22 – 16	red	100
97 99 131	076063	5.0	1.5 – 2.5	16 – 14	blue	100

Round Pin Plugs

insulated

> Material: brass, tin-plated
> Insulation: nylon
> Max. temperature: 105 °C
> Max. electrical load: 600 V



97 99 151

Article No.	EAN 4003773-	Connector Ø mm	Cable mm²	AWG	Colour	
97 99 150	076070	4.0	0.5 – 1	22 – 16	red	100
97 99 151	076087	5.0	1.5 – 2.5	16 – 14	blue	100

Cable Connectors, eye type

insulated

> Insulation: nylon
> Operating Temperature: -55 °C to +105 °C
> Max. electrical load: 600 V
> DIN 46237



97 99 170

Article No.	EAN 4003773-	Screws Ø mm	Cable mm²	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

Non-Insulated Solderless Terminals

> Material: copper, galvanized
> DIN 46234



97 99 210

Article No.	EAN 4003773-	Screws Ø mm	Cable mm²	AWG	
97 99 210	076209	3.0	0.5 – 1	22 – 16	200
97 99 211	076216	4.0	0.5 – 1	22 – 16	200
97 99 212	076223	5.0	0.5 – 1	22 – 16	200
97 99 213	076230	4.0	1.5 – 2.5	16 – 14	100
97 99 214	076247	5.0	1.5 – 2.5	16 – 14	100
97 99 215	076254	6.0	1.5 – 2.5	16 – 14	100
97 99 216	076261	8.0	1.5 – 2.5	16 – 14	100
97 99 217	076278	5.0	4 – 6	12 – 10	100
97 99 218	076285	6.0	4 – 6	12 – 10	100
97 99 219	076292	8.0	4 – 6	12 – 10	100
97 99 220	076308	10.0	4 – 6	12 – 10	100

Heat Shrinkable Butt Connectors

> Material: copper, tin-plated
> Insulation: nylon
> Operating Temperature: -55 °C to +105 °C
> Shrink temperature: 180 °C
> Max. electrical load: 600 V



97 99 252

Article No.	EAN 4003773-	Cable mm²	AWG	Colour	
97 99 250	076315	0.75 – 1	22 – 16	red	100
97 99 251	076322	1.5 – 2.5	16 – 14	blue	100
97 99 252	076339	4 – 6	12 – 10	yellow	100

Butt Connectors, insulated

> Material: copper, tin-plated
> Insulation: nylon
> Max. temperature: 105 °C
> Max. electrical load: 600 V



97 99 270

Article No.	EAN 4003773-	Cable mm²	AWG	Colour	
97 99 270	076346	0.75 – 1	22 – 16	red	100
97 99 271	076353	1.5 – 2.5	16 – 14	blue	100
97 99 272	076360	4 – 6	12 – 10	yellow	100

Butt Connectors, non-insulated

> Material: copper, galvanized
> DIN 46341-B



97 99 290

Article No.	EAN 4003773-	Cable mm²	AWG	
97 99 290	076377	0.5 – 1	22 – 16	200
97 99 291	076384	1.5 – 2.5	16 – 14	200
97 99 292	076391	4 – 6	12 – 10	100
97 99 293	076407	10	8	100

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

Article No.	EAN 4003773-	↔ mm	Length of crimp area mm	Cable mm²	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

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

Article No.	EAN 4003773-	↔ mm	Cable mm²	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

Non-insulated wire ferrules

> Material: E-Cu
> Surface electro tin plated
> Minimum coating thickness 3 µm
> UL-certified
> DIN 46228



97 99 390

Article No.	EAN 4003773-	↔ mm	Cable mm²	AWG	
97 99 390	076704	6.0	0.5	20	200
97 99 391	076711	6.0	0.75	18	200
97 99 392	076728	6.0	1	18	200
97 99 393	076735	7.0	1.5	16	200
97 99 394	076742	7.0	2.5	14	200
97 99 395	076759	9.0	4	12	200
97 99 396	076766	12.0	6	10	100
97 99 397	076773	12.0	10	8	100
97 99 398	076780	12.0	16	6	100
97 99 399	076797	12.0	25	4	50

Assortment Boxes

Practical dispenser box, stackable and reclosable

> Handy, transparent dispenser box
> Rotating lid with opening to remove individual wire ferrules
> Format: Ø 90 mm, height 44 mm



97 99 905



97 99 908



97 99 910

Article No.	EAN 4003773-	↔ mm	Quantity	Cable mm²	AWG	Length of crimp area	Colour	Size Ø	⚖ g
with insulated wire ferrules									
97 99 905	082446	10.0	30	0.25	24	6.0		Ø 90 x 44	70
		10.0	30	0.34	22	6.0		Ø 90 x 44	
		14.0	30	0.5	20	8.0	white	Ø 90 x 44	
		14.0	30	0.75	18	8.0	grey	Ø 90 x 44	
		14.0	30	1	17	8.0	red	Ø 90 x 44	
97 99 906	082453	14.0	50	0.5	20	8.0	white	Ø 90 x 44	95
		14.0	100	0.75	18	8.0	grey	Ø 90 x 44	
		14.0	100	1	17	8.0	red	Ø 90 x 44	
		14.0	100	1.5	15	8.0	black	Ø 90 x 44	
		14.0	50	2.5	13	8.0	blue	Ø 90 x 44	
97 99 907	082460	17.0	50	4	11	10.0	grey	Ø 90 x 44	90
		20.0	20	6	10	12.0	yellow	Ø 90 x 44	
		22.0	20	10	7	12.0	red	Ø 90 x 44	
		24.0	10	16	5	12.0	blue	Ø 90 x 44	
with Twin wire ferrules									
97 99 908	082477	16.0	50	0.75	18	8.0	grey	Ø 90 x 44	95
		15.0	50	1	17	8.0	red	Ø 90 x 44	
		18.0	50	1.5	15	10.0	black	Ø 90 x 44	
		18.0	50	2.5	13	9.0	blue	Ø 90 x 44	
97 99 909	082484	23.0	20	4	11	12.0	grey	Ø 90 x 44	85
		24.0	10	6	10	12.0	yellow	Ø 90 x 44	
		24.0	10	10	7	12.0	red	Ø 90 x 44	
		29.0	5	16	5	16.0	blue	Ø 90 x 44	
with non-insulated wire ferrules									
97 99 910	082491	6.0	500	0.5	20			Ø 90 x 44	145
		6.0	500	0.75	18			Ø 90 x 44	
		6.0	400	1	17			Ø 90 x 44	
		7.0	300	1.5	15			Ø 90 x 44	
		7.0	200	2.5	13			Ø 90 x 44	
97 99 911	082507	9.0	150	4	11			Ø 90 x 44	140
		12.0	75	6	10			Ø 90 x 44	
		12.0	75	10	7			Ø 90 x 44	
		12.0	50	16	5			Ø 90 x 44	

INSULATED TOOLS

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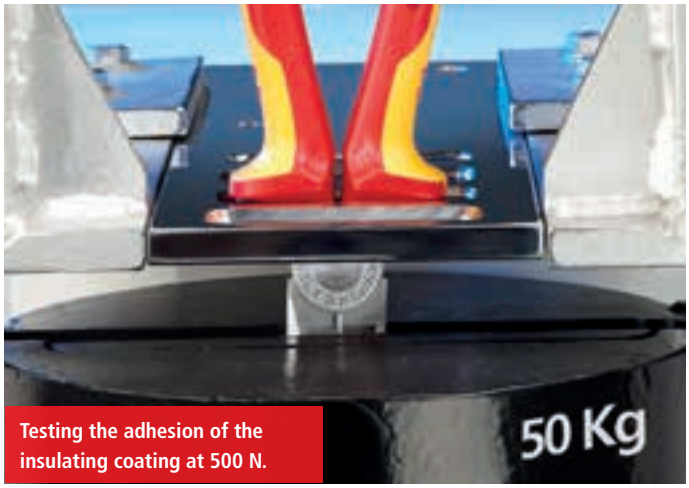
73 06 160

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 his life in his hands. Our insulated tools therefore not only meet statutory requirements, but also offer the greatest possible safety, reliability and performance.





Testing the adhesion of the insulating coating at 500 N.


Pressure test at 70°C.


Low temperature impact test at -25°C.


Testing the electrical insulating properties.

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 **1000 V** are approved for work up to 1000 V AC.

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.

Combination Pliers

Chrome Vanadium

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



01 06 160

> 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
> DIN ISO 5746, DIN EN 60900, IC 60900

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²	g
01 06 160	040729	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2.0	1.5	10.0	16	220
01 06 190	040415	190					2.5	2.0	13.0	25	320

High Leverage Combination Pliers

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



02 06 180



02 07 225

> 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, DIN EN 60900, IC 60900

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²	g
02 06 180	010012	180	1000 V	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
02 07 200	022299	200	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	2.8	2.2	13.0	25	380
02 07 225	022305	225					3.0	2.5	14.0	25	486

Combination Pliers

> With gripping zones for flat and round material, suitable for versatile use
> With cutting edges for soft and hard wire
> Long cutting edges for thicker cables
> Cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC
> Special tool steel, forged, multi stage oil-hardened
> DIN ISO 5746, DIN EN 60900, IEC 60900

03 06 180 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



03 06 180



03 06 180 T

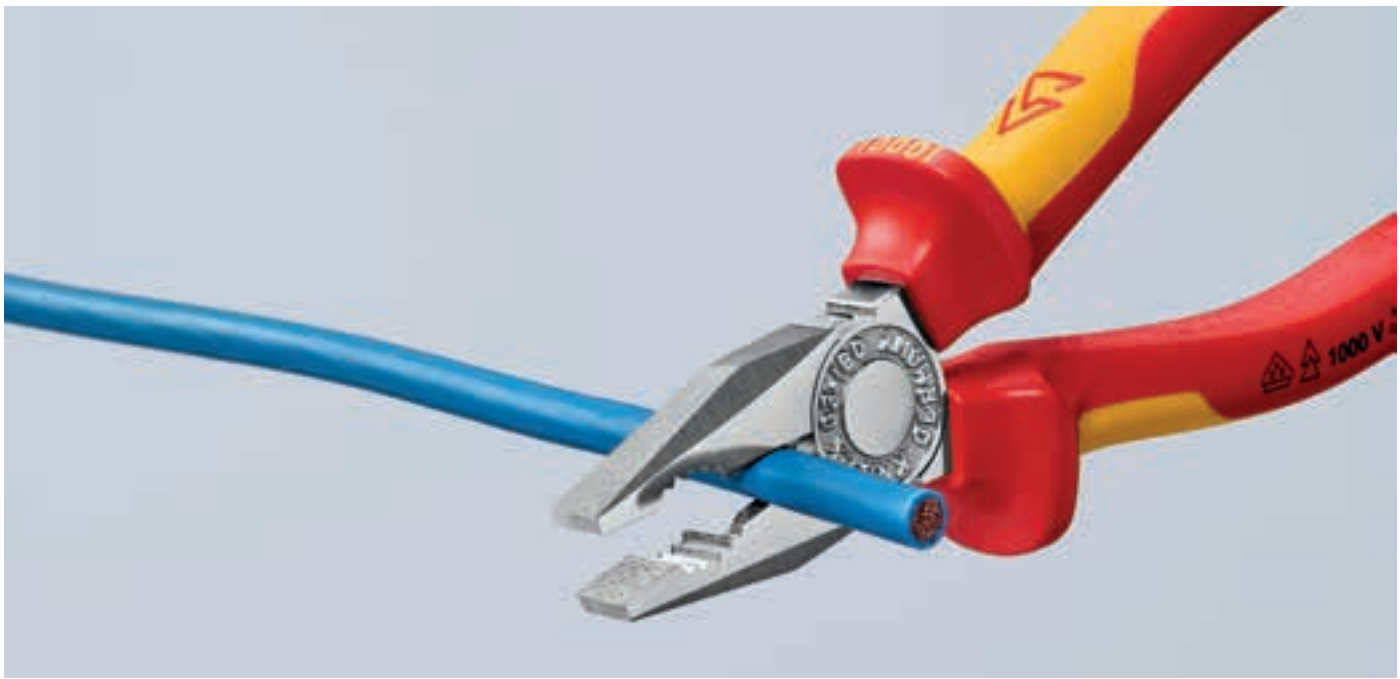






03 07 200

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²	g
03 06 160	021902	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.1	2.0	10.0	16	228
03 06 180	021926	180	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.4	2.2	12.0	16	264
03 06 200	033776	200	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.8	2.5	13.0	16	355
03 06 180 T	081395	180	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	3.4	2.2	12.0	16	270
03 07 160	015307	160	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	3.1	2.0	10.0	16	254
03 07 180	015314	180	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	3.4	2.2	12.0	16	285
03 07 200	015321	200	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	3.8	2.5	13.0	16	339
03 07 250	015345	250	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	3.8	2.5	15.0	25	597



* Other tools with tethering can be found from page 294

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
> Forged from special tool steel, oil-hardened and tempered
> High-grade special tool steel, forged, oil-hardened
> DIN ISO 5746, DIN EN 60900, IEC 60900

08 22 145 T* / 08 26 145 T*
> Pliers with integrated insulated tether attachment point for a tool tether



08 26 145



08 26 145 T



08 26 185





Slim head for ideal accessibility





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	mm²	g
08 26 145	079361	145	1000 V PATENTED	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	1000 V PATENTED	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	3.0	2.0	8.0	16	155
08 26 185	088356	185	1000 V PATENTED	chrome-plated	polished	insulated with multi-component grips, VDE-tested	3.8	3.0	13.0	25	213

* Other tools with tethering can be found from page 294

Insulation Strippers

universal

> For single, multiple and fine stranded conductors with plastic or rubber insulation up to Ø 5.0 mm or 10 mm²
> Easy adjustment to the required diameter of stranded wire with knurled screw and lock nut
> Easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut
> Special tool steel, forged, oil-hardened
> DIN EN 60900, IEC 60900

11 06 160 T
> Pliers with integrated insulated tether attachment point for a tool tether



11 06 160



11 07 160

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities Ø mm	mm²	AWG	⚖ g
11 06 160	021933	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	5.0	10	8	180
11 06 160 T	081418	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	5.0	10	8	180
11 07 160	015499	160	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	5.0	10	8	205
11 09 01	052326	Set of spare parts (screw and nut) for 11 160								

KNIPEX StriX®

Insulation strippers with cable shears

▶ Wire stripper 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
> DIN EN 60900, IEC 60900

13 66 180 T*
> Pliers with integrated insulated tether attachment point for a tool tether

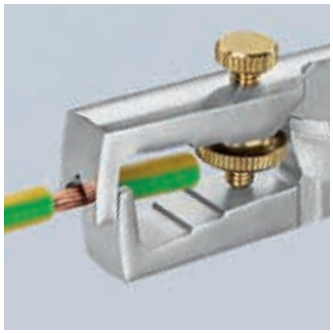


13 66 180



13 66 180 T





Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Stripping capacities Ø mm	mm²	AWG	⚖ g
13 66 180	081319	180	1000 V PATENTED	chrome-plated	insulated with multi-component grips, VDE-tested	5.0	10	8	213
13 66 180 T	081906	180	1000 V PATENTED	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	5.0	10	8	216
11 09 01	052326	Set of spare parts (screw and nut) for 11 XX 160							

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



13 46 165

> 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
> DIN EN 60900, IEC 60900











Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacity Ø mm	Stripping capacities mm²	◑ Ø mm	◕ Ø mm	⚖ g
13 46 165	079699	165	1000 V	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

Diagonal Insulation Strippers

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



14 26 160

> 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
> DIN EN 60900, IEC 60900





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Stripping capacities mm²	AWG	Cutting capacities ◔ Ø mm	Cutting capacities ◑ Ø mm	⚖ g
14 26 160	040279	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	1.5 / 2.5	16 / 14	2.5	1.5	238

Round Nose Pliers

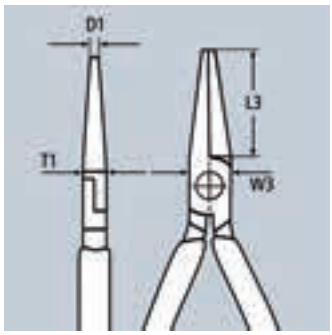
- Round, short jaws, finely ground
- Suitable for bending and gripping of round working pieces



22 06 160

> Ideal for bending wire loops
> Special tool steel, forged, oil-hardened
> DIN ISO 5745, DIN EN 60900, IEC 60900





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	Dimensions W3 mm	Dimensions D1 mm	Dimensions T1 mm	⚖ g
22 06 160	033790	160	8 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	30.0	18.0	3.0	9.5	175

Pliers for Electrical Installation

Multi-Tool for electricians

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



13 86 200



13 96 200



13 96 200 T

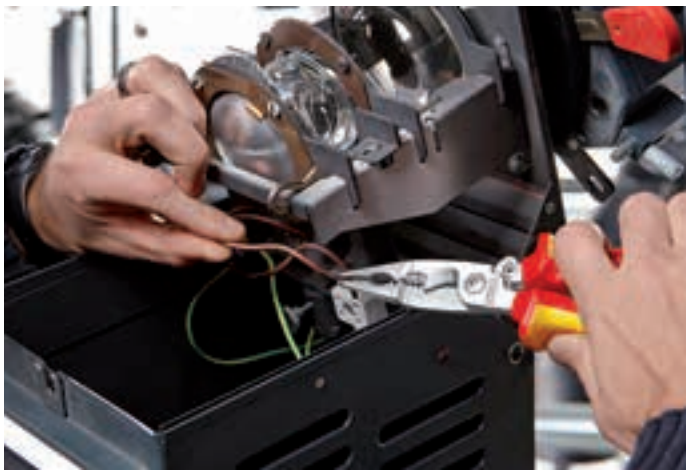
> Smooth surfaces near the tips grip single cores without damaging them; serrated gripping surfaces and pipe grip for gripping flat and round material
> Clear-cut outside edge on the gripping surfaces for working on flush-mounted junction boxes and deburring feed-through holes
> Stripping holes for conductors 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
> DIN EN 60900, IEC 60900

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, insulated tether attachment point for a tool tether









Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	Stripping capacity for single strands mm²	Crimping capacities mm²	⚖ g
13 86 200	075097	200	1000 V PATENTED	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 96 200	075110	200	1000 V PATENTED	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	1000 V PATENTED	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	15.0	50	0.75 – 1.5 / 2.5	0.5 – 2.5	278

* Other tools with tethering can be found from page 294

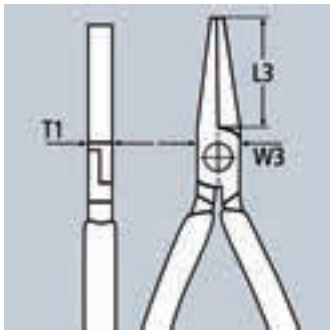
Flat Nose Pliers

- 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, DIN EN 60900, IEC 60900



20 06 160



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	⚖ g
20 06 160	033783	160	1000 V	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, DIN EN 60900, IEC 60900



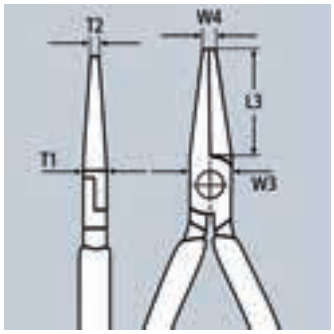
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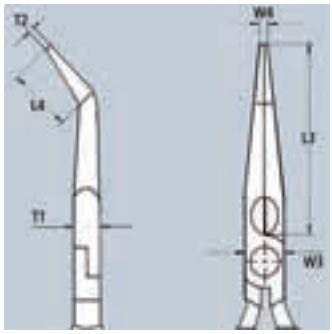


25 06 160 T



25 26 160





Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	◕ Ø mm	Dimensions L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
25 06 160	033806	160	1000 V	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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	2.5	1.6	50.0		16.5	9.0	3.0	2.5	155
25 26 160	052111	160	40° 1000 V	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

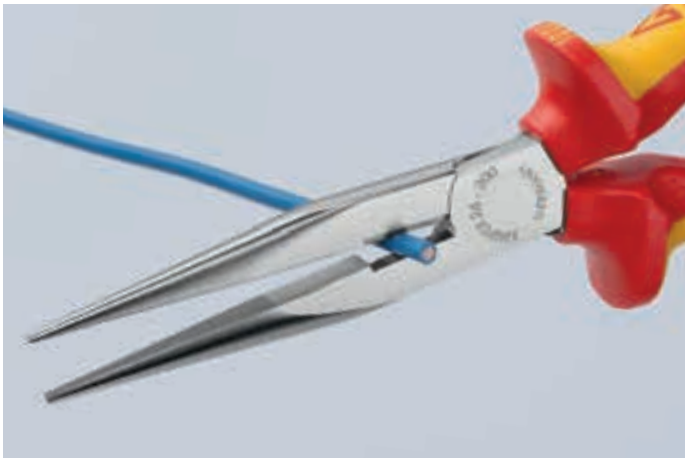
Snipe Nose Side Cutting Pliers

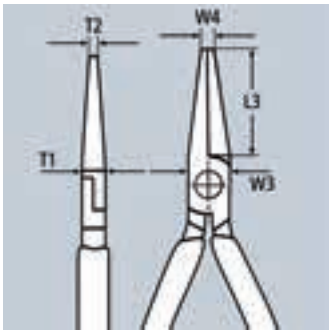
(Stork Beak Pliers)

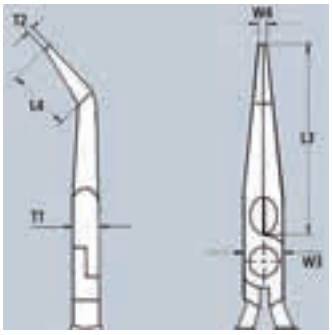
- Half-round, long, tapered jaws
- Distortion-tolerant, elastic precision tips
- Suitable for finer gripping and cutting work, also on easy and semi-difficult to reach areas

> 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, DIN EN 60900, IEC 60900

26 16 200 T / 26 26 200 T*
> Pliers with integrated insulated tether attachment point for a tool tether









26 16 200



26 16 200 T



26 17 200



26 26 200



26 26 200 T



26 27 200

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◑ Ø mm	Cutting capacities ◕ Ø mm	Dimensions L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
26 16 200	022831	200	1000 V	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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated 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	1000 V	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 26 200	022855	200	40° 1000 V	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	40° 1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated 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	40° 1000 V	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

* Other tools with tethering can be found from page 294



Long Nose Pliers

▸ Heavy duty and wear resisting

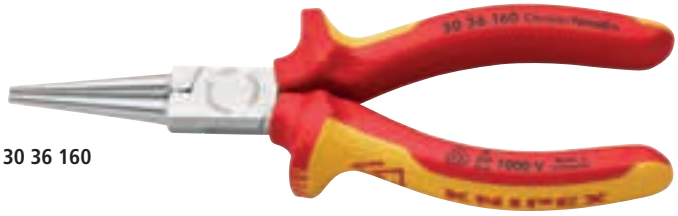
> Suitable for gripping in easily accessible places
> Chrome vanadium electric steel, forged, oil-hardened
> DIN ISO 5745, DIN EN 60900, IEC 60900

Style 1
> Long, trapezoidal jaws; knurled gripping surfaces

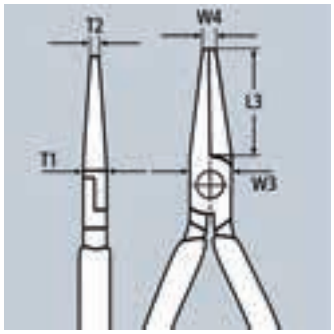
Style 3
> Long, round jaws; smooth gripping surfaces



30 16 160



30 36 160



Article No.	EAN 4003773-	↔ mm		Style	Pliers	Head	Handles	Dimensions L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
30 16 160	001904	160	1000 V	1	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	46.5	16.5	9.5	3.0	5.0	150
30 36 160	002123	160	1000 V	3	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	41.0	16.5	9.5	5.0	2.5	141

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. 62 HRC
> Vanadium electric steel, forged, multi stage oil-hardened
> DIN ISO 5749, DIN EN 60900. IEC 60900

70 06 160 T / 70 06 180 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



70 06 160



70 06 160 T



70 06 180



70 07 180



70 26 160









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

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	⚖ g
70 06 125	018124	125	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.0	2.3	1.5	121
70 06 140	040293	140					4.0	2.5	1.8	160
70 06 160	021995	160					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	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	4.0	3.0	2.0	230
70 06 180 T	081470	180	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	4.0	3.0	2.5	270
70 07 160	018155	160	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	4.0	3.0	2.0	227
70 07 180	018179	180					4.0	3.0	2.5	269
70 26 160	018223	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	4.0			216

* Other tools with tethering can be found from page 294

KNIPEX X-Cut®

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
> Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened
> DIN ISO 5749, DIN EN 60900, IEC 60900

73 06 160 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



73 06 160



73 06 160 T

40 % less effort required
compared to standard or classic diagonal cutters.
With double mounted hinged joint.

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	Ø mm	Ø mm	g
73 06 160	075141	160	1000 V PATENTED	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	4.8	3.8	2.7	2.2	12.0	175
73 06 160 T	081487	160	1000 V PATENTED	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	4.8	3.8	2.7	2.2	12.0	185

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 additionally induction-hardened (cutting edge hardness approx. 64 HRC), for all sorts of wire including piano wire
> Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened
> DIN ISO 5749, DIN EN 60900, IEC 60900

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

74 06 250 T*
> Pliers with integrated insulated tether attachment point for a tool tether



74 06 200



74 07 200

20 % less effort required
compared to classic diagonal cutters of the same length.
With integrated forged joint axle.

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	g
74 06 160	040705	160	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	3.4	2.5	2.0	215
74 06 180	022985	180					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 insulated tether attachment point, VDE tested	4.2	3.0	2.5	305
74 06 250 T	081500	250					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

Pliers Wrenches

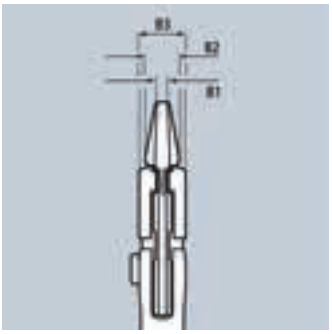
pliers and a wrench in a single tool

- Replaces the need for sets of metric and imperial spanners
- Smooth jaws for damage free installation of plated fittings – working directly on chrome!
- Practical adjustment scale:
  A laser-cut (metric and imperial) scale enables pre-setting to the width across flats



86 06 250

> Great for gripping, holding, pressing and bending workpieces
> Zero backlash jaw pressure prevents damage to edges of sensitive surfaces
> No unintentional shift of the gripping jaws and no slipping of the joint
> Parallel jaws give a more solid grip; its design allows flexible adjustment of all widths up to the specified maximum size
> The ratchet mechanism allows quick and easy tightening and release of all bolted connections
> High lever transmission for strong gripping power
> Chrome vanadium electric steel, forged, oil-hardened
> DIN EN 60900, IEC 60900



Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Inch	mm	Adjustment positions	Dimensions B1 mm	B2 mm	B3 mm	g
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 01	074724	Assortment of spare parts for adjustment for 86/87 XX 250/300 (without 87 2X XXX)										



KNIPEX Cobra® VDE

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-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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 insulated tether attachment point for a tool tether



87 26 250



87 26 250 T

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





Quick setting without using a push-button







Just push the pliers handle to adjust!

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
87 26 250	071495	250	1000 V PATENTED	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2	50.0	46.0	24	340
87 26 250 T	081517	250	1000 V PATENTED	chrome-plated	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	2	50.0	46.0	24	400
87 29 01	079002	Assortment of spare parts for 87 2X 250									

* Other tools with tethering can be found from page 294

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



88 06 250



88 07 250

> Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
> 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, DIN EN 60900, IEC 60900

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	mm	Adjustment positions	g
88 06 250	039303	250	1000 V	chrome-plated	chrome-plated	insulated with multi-component grips, VDE-tested	2	50.0	46.0	9	374
88 07 250	019343	250	1000 V	chrome-plated	chrome-plated	with dipped insulation, VDE-tested	2	50.0	46.0	9	420
88 07 300	022350	300					2 3/4	70.0	60.0	9	661



Precision Tweezers

insulated

> With dipped insulation
> 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)
> Spring steel, high-strength
> DIN EN 60900, IEC 60900



92 27 61



92 27 62



92 37 64

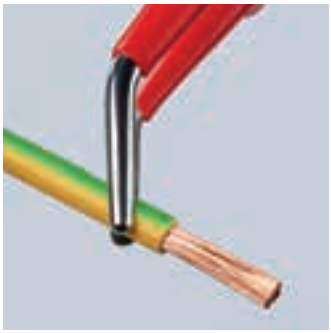


92 47 01



92 67 63





Article No.	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	g
92 27 61	054757	125 x 11 x 35	1000 V	with dipped insulation	straight	pointed	0.5 x 0.5	19
92 27 62	054764	150 x 8 x 40	1000 V	with dipped insulation	straight	pointed	1.0 x 1.3	23
92 37 64	054856	148 x 14 x 40	1000 V 30°	with dipped insulation	angled 30°	blunt	1.0 x 1.3	24
92 47 01	086963	142 x 16 x 38	1000 V 30°	with dipped insulation	angled 30°	blunt	1.3 x 3.0	43
92 67 63	054931	145 x 11 x 38	1000 V	with dipped insulation	straight	blunt	1.3 x 3.0	43

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
> Adjustable bolted joint
> Shears body: surgical steel, stainless, vacuum-hardened
> Handles: plastic, impact-proof
> DIN EN 60900, IEC 60900



95 06 230

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 06 230	006305	230	1000 V	polished	plastic insulated, VDE-tested	16.0	50	1 / 0	274

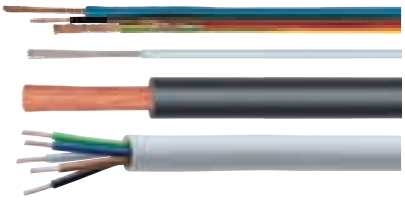
KNIPEX StepCut®

Cable shears with step cut

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



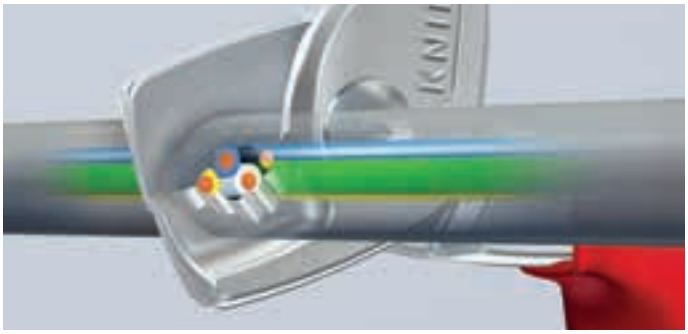
95 16 160



> 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
> DIN EN 60900, IEC 60900







Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 16 160	085966	160	1000 V	chrome-plated	insulated with multi-component grips, VDE-tested	15.0	50	1 / 0	225

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
> High-grade special tool steel, forged, oil-hardened
> DIN EN 60900, IEC 60900

Style 1
> Base

Style 2
> Internal opening spring, protected and captive
> Retainer

95 16 165 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



95 16 165



95 16 165 T



95 26 165



Cut performed with a Cable Shear: easy, clean cut without any deformation of the cable



95 26 165: Catch locks shears with internal opening spring





Article No.	EAN 4003773-	↔ mm		Style	Tool	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 16 165	039648	165	1000 V	1	chrome-plated	insulated with multi-component grips, VDE-tested	15,0	50	1 / 0	262
95 16 165 T	081524	165	1000 V	1	chrome-plated	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	15,0	50	1 / 0	260
95 26 165	069980	165	1000 V	2	chrome-plated	insulated with multi-component grips, VDE-tested	15,0	50	1 / 0	275

* Other tools with tethering can be found from page 294

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
> DIN EN 60900, IEC 60900



95 16 200



95 17 200



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.

Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	⚖ g
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

for two-hand operation

▸ Low weigth, 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
> DIN EN 60900, IEC 60900



95 17 500



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

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 17 500	026785	500	1000 V	polished	with dipped insulation, VDE-tested	27.0	150	6 / 0	1477

Cable Shears

for two-hand operation

▸ Favourable lever ratio due to toggle lever

> For cutting copper and aluminium single conductors as well as multiple stranded cables
> Not suitable for steel wire and wire ropes
> Precision-ground, hardened blades
> Clean and smooth cut without crushing and deformation
> Pinch guard prevents operators' fingers being pinched
> Adjustable bolted joint
> Bolted cutter head, replaceable
> Handles: steel tube
> Cutter head: high-grade chrome vanadium electric steel, forged, oil-hardened
> DIN EN 60900, IEC 60900



95 27 600

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	AWG	g
95 27 600	021797	600	1000 V	polished	with dipped insulation, VDE-tested	27.0	150	6 / 0	2262
95 29 600	021803	Spare cutter head for 95 21 600 / 95 27 600							

Cable Cutters

(ratchet mechanism)

- Little handforce required due to very high transmission ratio
- Simple handling as a result of low weight and compact design – can be used even in confined areas

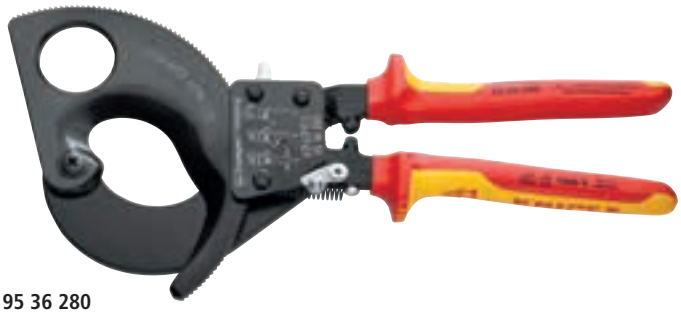
> Not suitable for steel wire, wire ropes and fine-stranded (highly flexible) conductors
> Precision-ground, hardened blades
> Clean and smooth cut without crushing and deformation
> One-hand operation using ratchet mechanism
> Two-stage ratchet drive for easy cutting
> Pinch guard prevents operators' fingers being pinched
> High-grade special tool steel, forged, oil-hardened
> DIN EN 60900, IEC 60900

95 36 250
> For cutting copper and aluminium single conductors as well as multiple stranded cables, up to Ø 32 mm (240 mm²)

95 36 280
> Suitable for aluminium sector cable up to 4 x 150 mm²
> for cutting copper and aluminium single conductors as well as multiple stranded cables, up to Ø 52 mm (380 mm²)



95 36 250



95 36 280



Ratchet mechanism and two-stage ratchet drive for easier cutting





Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities Ø mm	Cutting capacities mm²	MCM	⚖ g
95 36 250	026884	250	1000 V	black lacquered	insulated with multi-component grips, VDE-tested	32.0	240	500	652
95 36 280	026891	280	1000 V	black lacquered	insulated with multi-component grips, VDE-tested	52.0	380	750	835

95 39 04	039167	Feed pawl for 95 3 250/280
95 39 08 S	039211	Tension spring set for lateral mounting 95 36 25/28
95 39 250	022244	Movable spare blade for 95 31 250 / 95 36 250
95 39 280	025283	Movable spare blade for 95 31 280 / 95 36 280

Cable Cutters

(ratchet mechanism, 3-stage)

- Sturdy. Easy to use. Stable.
- Innovative ratchet-drive
- For cable up to Ø 60 mm



95 36 320

> Fixed handle with support area for putting down the pliers when cutting
> Easy handling due to low weight (825 g) and compact construction (320 mm length) – also usable in confined areas
> Cuts through copper and aluminium cables up to Ø 60 mm in one-hand and two-hand operation
> Hardened, precision-ground cutting edges cut smoothly and neatly without crushing
> For cutting copper and aluminium single conductors as well as multiple stranded cables
> Innovative three-stage ratchet-drive with high leverage for easy cutting in one-hand and two-hand operation
> Not suitable for steel wire, wire ropes and fine-stranded (highly flexible) conductors
> High-grade special tool steel, forged, oil-hardened
> DIN EN 60900, IEC 60900

Article No.	EAN 4003773-	↔ mm		Tool	Head	Handles	Cutting capacities Ø mm	Cutting capacities mm²	MCM	g
95 36 320	075189	320	1000 V	black atramentized	polished	insulated with multi-component grips, VDE-tested	60.0	600	1200	830

95 39 320 01	075714	Pivot cutter repair kit for 95 32 320 and 95 36 320
95 39 320 02	075721	Fixed cutter repair kit for 95 32 320 and 95 36 320

Cable Cutters

(ratchet mechanism)

for steel wire armoured cables (SWA cable)

- Cuts through steel wire armoured cables up to Ø 45 mm / 380 mm² (e.g. 4 x 95 mm²) using one or two-handed operation
- Sturdy. Easy to use. Stable.



95 36 315 A



> Simple handling due to low weight (800 g) and compact design (315 mm length) – can also be used in confined areas
> Precision-ground blades and induction-hardened cutting edges cut smoothly and neatly without crushing
> Innovative high leverage three-stage ratchet-drive
> Support area for putting down the pliers when cutting
> Not suitable for cutting ACSR cable and wire rope!
> Cutter head: special high-grade tool steel, forged, oil-hardened
> IEC 60900, DIN EN 60900

Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities Ø mm	Cutting capacities mm²	MCM	g
95 36 315 A	078579	315	1000 V	black lacquered	insulated with multi-component grips, VDE-tested	45.0	380	750	800

95 39 315 A01	078586	Pivot cutter repair kit for 95 32 315 A and 95 36 315 A
95 39 315 A02	078593	Fixed cutter repair kit for 95 32 315 A and 95 36 315 A

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
> DIN EN 60900, IEC 60900



97 68 145 A





Article No.	EAN 4003773-	↔ mm			Head	Handles	Capacity mm²	AWG	⚖ g
97 68 145 A	071754	145		1000 V	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
> DIN EN 60900
> IEC 60900

97 78 180 T*
> Pliers with integrated, insulated tether attachment point for a tool tether



97 78 180



97 78 180 T

Article No.	EAN 4003773-	↔ mm			Head	Handles	Application	Capacity mm²	AWG	⚖ g
97 78 180	072003	180		1000 V	polished	insulated with multi-component grips, VDE-tested	Wire ferrules	0.25 – 16	24 – 6	254
97 78 180 T	081531	180		1000 V	polished	insulated with multi-component grips with integrated insulated tether attachment point, VDE tested	Wire ferrules	0.25 – 16	24 – 6	260

* Other tools with tethering can be found from page 294


KNIPEX

Open-End Wrenches

> Jaw 15° angled
> Basic tool chrome-plated
> Chrome vanadium steel, forged, oil-hardened
> DIN EN 60900, IEC 60900



98 00 14





Article No.	EAN 4003773-		Width across flats S mm	Width across flats S Inch	Length l max. mm	Head width b max. mm	Head thickness a max. mm	⚖ g
98 00 07	019824		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	⬡ 1000 V	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	1	215.0	63.0	9.0	307
98 00 1/4"	019886			1/4	108.0	20.0	4.0	32
98 00 5/16"	020073			5/16	108.0	22.0	4.0	36
98 00 3/8"	020042			3/8	108.0	27.0	5.0	37
98 00 7/16"	020097			7/16	120.7	30.0	5.5	53
98 00 1/2"	019879			1/2	139.7	34.0	6.5	70
98 00 9/16"	020110			9/16	152.4	35.0	6.5	102
98 00 5/8"	020080			5/8	165.1	38.0	7.0	124
98 00 3/4"	020035			3/4	190.5	47.0	9.0	164

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



Article 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





Article 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		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	1000 V	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

Article No.	EAN 4003773-	↔		Tip	Handle	Width across flats S mm	Blade length mm	Handle length mm	Head dia. d mm	⚖ g
98 03 04	071679	230	⬡ 1000 V	burnished	insulated with multi-component grips, VDE-tested	4.0	125.0	107.0	9.0	70
98 03 05	071686	230				5.0	125.0	107.0	10.0	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

Nut Drivers

with T-handle

> Special tool steel, oil-hardened
> DIN EN 60900, IEC 60900



98 04 13



98 05 13

Article No.	EAN 4003773-	↔ mm		Width across flats S mm	Handle length mm	Head dia. d mm	⚖ g
98 04 08	071341	200	⬡ 1000 V	8.0	90.0	15.0	344
98 04 10	026167	200		10.0	155.0	19.5	324
98 04 13	026198	200		13.0	155.0	23.5	344
98 04 17	026211	200		17.0	155.0	28.5	426
98 04 19	020424	200		19.0	155.0	31.0	525
98 04 22	026228	200		22.0	155.0	34.5	560
98 05 13	026273	300	⬡ 1000 V	13.0	155.0	23.5	409
98 05 17	026297	300		17.0	155.0	28.5	544
98 05 19	026303	300		19.0	155.0	31.0	674

Screwdrivers for Robertson screws



98 12 02

> 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

Article No.	EAN 4003773-	↔ mm		Tip	Handle	Screwdriver Size	⚖ g
98 12 01	086178	185	1000 V	burnished	insulated with multi-component grips, VDE-tested	R1	60
98 12 02	086185	210				R2	95

Screwdrivers for hexagon socket screws



98 13 30

> 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

Article 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				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	1000 V	burnished	insulated with multi-component grips, VDE-tested	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 hexagon socket screws

with T-handle



98 14 08



98 15 08

> Special tool steel, oil-hardened
> DIN EN 60900, IEC 60900

Article No.	EAN 4003773-	↔ mm		Width across flats S mm	Length of non-insulated blade ± 2 mm	T-Handle length mm	⚖ g
98 14 05	020431	120		5.0	9.0	90.0	220
98 14 06	020448	120	1000 V	6.0	10.0	90.0	208
98 14 08	020455	120		8.0	11.0	90.0	286
98 15 05	020479	250		5.0	9.0	90.0	363
98 15 06	020486	250	1000 V	6.0	10.0	90.0	452
98 15 08	020493	250		8.0	11.0	90.0	359

Screwdriver 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

Article 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	⊖ 1000 V	burnished	insulating multi-component handle, 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

Article 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	⊖ 1000 V	burnished	insulating multi-component handle, 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

Article 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	⊕ 1000 V	burnished	insulating multi-component handle, 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



98 24 02 SL

Article 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	insulating multi-component handle, 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



98 24 01 SLS

Article 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	insulating multi-component handle, 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



98 25 03

Article 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	insulating multi-component handle, 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®



98 25 02 SL

> 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

Article 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	insulating multi-component handle, 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®



98 25 01 SLS

> 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

Article 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	insulating multi-component handle, 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



98 26 30

> 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

Article 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	insulating multi-component handle, 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

Article 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

T-handle

with driving square 3/8" or 1/2"

> For use with sockets
> Quick, easy and reliable locking of attached sockets due to spring-loaded ball
> Basic tool chrome-plated
> High-grade special tool steel, forged, oil-hardened
> DIN EN 60900, IEC 60900



98 30

98 40

Article No.	EAN 4003773-	↔ mm		T-Handle Drive mm	Square drive Inch	⚖ g
98 30	026488	200	1000 V	165.0	3/8	447
98 40	026501	200	1000 V	165.0	1/2	631

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



Article 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

Article No.	EAN 4003773-	↔ mm		Square drive Inch	⚖ g
98 35 125	020530	125	1000 V	3/8	149
98 35 250	020547	250		3/8	294
98 45 125	020813	125	1000 V	1/2	258
98 45 250	020820	250		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

Article 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		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	1000 V	13.0	22.5	3/8	33
98 37 14	020622	46		14.0	23.7	3/8	39
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 19	020646	49		19.0	30.0	3/8	73
98 47 10	020882	54		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	⬡ 1000 V	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

12-Point Sockets

for internal square 3/8" or 1/2"

> For imperial hexagonal head screws
> Basic tool chrome-plated
> With double-hex
> Chrome vanadium steel
> DIN EN 60900, IEC 60900



98 37 5

Article No.	EAN 4003773-	↔ mm		Width across flats S Inch	Ø of effective tool side d max. mm	Square drive Inch	⚖ g
98 37 5/16"	020684	42		5/16	16.2	3/8	30
98 37 3/8"	020677	42		3/8	18.7	3/8	31
98 37 7/16"	020707	43		7/16	20.0	3/8	31
98 37 1/2"	020554	45	◎ 1000 V	1/2	22.5	3/8	33
98 37 9/16"	020721	47		9/16	23.7	3/8	39
98 37 5/8"	020691	46		5/8	26.2	3/8	51
98 37 3/4"	020660	49		3/4	30.0	3/8	71
98 47 1/2"	020875	55		1/2	23.2	1/2	67
98 47 9/16"	021094	55		9/16	24.5	1/2	64
98 47 5/8"	021063	55		5/8	26.9	1/2	72
98 47 11/16"	020905	55	◎ 1000 V	11/16	28.2	1/2	88
98 47 3/4"	021018	55		3/4	30.7	1/2	97
98 47 7/8"	021087	58		7/8	34.5	1/2	124
98 47 1"	020868	61		1	41.0	1/2	167

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 06

Article 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		5.0	9.0	3/8	59
98 39 06	020783	75	1000 V	6.0	10.0	3/8	58
98 39 08	020790	75		8.0	11.0	3/8	71
98 49 05	021155	75		5.0	9.0	1/2	68
98 49 06	021162	75	1000 V	6.0	10.0	1/2	72
98 49 08	021179	75		8.0	11.0	1/2	87

Reversible Ratchet

with driving square 1/2"

> Reversible for clockwise and anti-clockwise directions
> Very reliable retention of the actuating tools ensured by mechanically locked retaining system
> Chrome vanadium steel
> ISO 3315, DIN EN 60900, IEC 60900



98 42

Article No.	EAN 4003773-	↔ mm		Square drive Inch	⚖ g
98 42	026525	265	1000 V	1/2	599

Torque Wrenches

with driving square, reversible

> Reversible for tightening of lefthanded threads
> Lockable torque adjustment
> Adjustable in steps of 0.25 Nm
> Easy and secure locking of attached sockets due to screw lock
> Calibration certificate included
> Transparent insulated scale range
> Chrome vanadium steel
> ISO 3315, DIN EN 60900, IEC 60900



98 33 25



98 43 50





Article No.	EAN 4003773-	↔ mm		Range of torsional moment Nm	Square drive Inch	⚖ g
98 33 25	072676	290	1000 V	5–25 Nm	3/8	1230
98 33 50	071761	385		5–50 Nm	3/8	1200
98 43 50	071778	385	1000 V	5–50 Nm	1/2	1185

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

Article No.	EAN 4003773-	↔ 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 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



Article 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 Knives

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

Article 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			

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



Article No.	EAN 4003773-	↔ mm		⚖ g
98 62 01	073956	180	1000 V	120

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



Article No.	EAN 4003773-	↔ mm		⚖ g
98 62 02	073963	220	1000 V	130

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

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

Article 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

Conductor key 1 – 3
> Assignment of single wires after disconnection from the machine



98 66 03

Article No.	EAN 4003773-	↔		Conductor key	⚖ g
98 66 01	084150	80		1	10
98 66 02	084167	80	1000 V	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

Article No.	EAN 4003773-	↔ mm		Inside dia. mm	⚖ g
98 66 10	084181	80		10.0	10
98 66 20	084198	100		20.0	35
98 66 30	084204	110		30.0	50
98 66 40	083498	135	1000 V	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

Electricians' 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

Article No.	EAN 4003773-		Size	Class	⚖ g
98 65 40	021285		9	0	281
98 65 41	021292	1000 V	10	0	290
98 65 42	077862		11	0	290
98 65 43	077879		9	1	290
98 65 44	077886	1000 V	10	1	290
98 65 45	077893		11	1	290
98 65 46	077909		9	2	290
98 65 47	077916	1000 V	10	2	290
98 65 48	077923		11	2	290
98 65 49	077930		9	3	290
98 65 50	077947	1000 V	10	3	290
98 65 51	077954		11	3	290

Cover cloths

from rubber

> For added protection when working live or close to live parts
> Note expiry date: see label on product
> DIN/EN IEC 61112



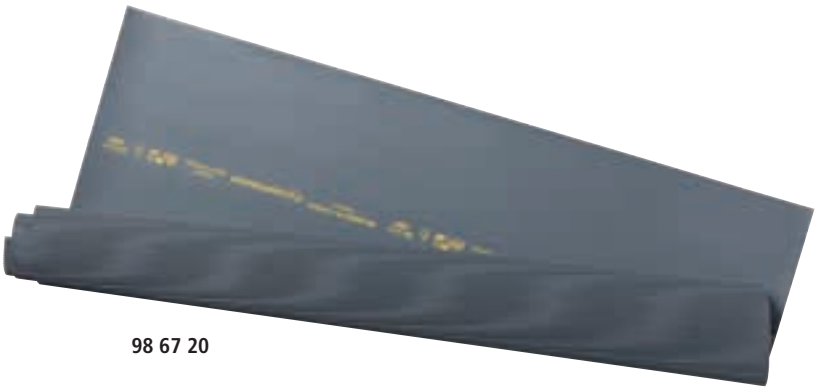
98 67 05

Article No.	EAN 4003773-		Dimensions mm	Thickness mm	⚖ g
98 67 05	026600	1000 V	500 x 500 x 1 mm	1.0	301
98 67 10	026617		1000 x 1000 x 1 mm	1.0	820
98 67 15	077831		10000 x 1000 x 1 mm	1.0	12000

Stand Mats

from rubber

> For site insulation when working live or close to live parts
> Note expiry date: see label on product
> IEC 61111



98 67 20

Article No.	EAN 4003773-		Dimensions mm	Thickness mm	⚖ g
98 67 20	077848	1000 V	1000 x 1000 x 3 mm	3.0	3150
98 67 25	077855		10000 x 1000 x 3 mm	3.0	40000

PUK® Junior Hacksaw

> Dip insulated saw with saw blade for metal and wood with 25 teeth per inch, exchangeable
> Saw blade length: 150 mm
> DIN EN 60900, IEC 60900



98 90

Article No.	EAN 4003773-	↔ mm		Saw blade length	⚖ g
98 90	028321	240	1000 V	150.0	174

98 90 01	084358	Saw blades for PUK® saw 98 90

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 tool 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



00 21 05 EV

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 21 05 EV	089025	Tool Case “Basic” E-Mobility					7500
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
		1000 V	86 06 250	Pliers Wrench	250 mm	1	
		1000 V	98 00 08	Open-end wrench	8 mm	1	
			98 00 09		9 mm	1	
			98 00 10		10 mm	1	
			98 00 11		11 mm	1	
			98 00 12		12 mm	1	
			98 00 13		13 mm	1	
		1000 V	98 20 35	Screwdrivers for slotted screws	0.6 x 3.5 x 100 mm	1	
			98 20 65		1.2 x 6.5 x 150 mm	1	
		1000 V	98 24 01	Screwdriver for cross recessed screws Phillips®	PH1 x 80 mm	1	
			98 24 02		PH2 x 100 mm	1	
			98 24 03		PH3 x 150 mm	1	
		1000 V	98 29 25	KNIPEX Socket 3/8" for TX25	3/8" / TX25	1	
			98 29 27	KNIPEX Socket 3/8" for TX27	3/8" / TX27	1	
			98 29 30	KNIPEX Socket 3/8" for TX30	3/8" / TX30	1	
			98 29 40	KNIPEX Socket 3/8" for TX40	3/8" / TX40	1	
			98 29 45	KNIPEX Socket 3/8" for TX45	3/8" / TX45	1	
			98 29 50	KNIPEX Socket 3/8" for TX50	3/8" / TX50	1	
			98 31	Reversible Ratchet with driving square 3/8"	3/8"	1	
			98 35 125	Extension Bar with internal/external square 3/8"	3/8"	1	
			98 35 250		3/8"	1	
			98 37 10	Hexagon Socket for hexagonal screws with internal square 3/8"	10 mm	1	
			98 37 11		11 mm	1	
			98 37 12		12 mm	1	
			98 37 13		13 mm	1	
		1000 V	98 62 01	Plastic Flat Nose Pliers insulating	180 mm	1	
		1000 V	98 62 02	Plastic Snipe Nose Pliers insulating	220 mm	1	
		1000 V	98 65 41	Electricians' Gloves insulated	410 mm	1	
		1000 V	98 66 30	Self-Clamping Slip-On Cap	Ø 30 mm	1	
			98 66 40		Ø 40 mm	1	
			98 66 50		Ø 50 mm	1	
00 21 05 LE	056904	Tool Case “Basic” empty					

Compact Tool Case

17 parts

with insulated tools for works on electrical installations

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

> Shock-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

Content

03 07 200 KNIPEX		98 45 125 2 x KNIPEX	
70 07 160 KNIPEX		98 47 10 7 x KNIPEX	
98 20 35 KNIPEX		98 52 KNIPEX	
98 42 KNIPEX			

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
98 99 11	026624	Compact Tool Case					4055
		1000 V	03 07 200	Combination Pliers	200 mm	1	
		1000 V	70 07 160	Diagonal Cutter	160 mm	1	
		1000 V	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	
		1000 V	98 24 00	Screwdriver for cross recessed screws Phillips®	PH0 x 60 mm	1	
		1000 V	98 42	Reversible Ratchet with driving square 1/2"	1/2"	1	
			98 45 125	Extension Bar with internal/external square 1/2"	+ 125 mm	1	
			98 45 250		+ 250 mm	1	
		1000 V	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	
		1000 V	98 52	Cable Knife	185 mm	1	
98 99 11 LE	028857	Compact Tool Case empty					

Compact Tool Case

26 parts

with insulated tools for works on electrical installations

> Shock-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



98 99 12

Content

03 07 200 KNIPEX		98 42 KNIPEX	
70 07 160 KNIPEX		98 47 10 7 x KNIPEX	
70 07 160 7 x KNIPEX		98 52 KNIPEX	
98 20 35 KNIPEX		98 53 03 KNIPEX	

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
98 99 12	026631	Compact Tool Case					4710
		1000 V	03 07 200	Combination Pliers	200 mm	1	
		1000 V	70 07 160	Diagonal Cutter	160 mm	1	
		1000 V	98 00 10	Open-end wrench	10 mm	1	
			98 00 11		11 mm	1	
			98 00 12		12 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	
		1000 V	98 20 25	Screwdrivers for slotted screws	0.4 x 2.5 x 75 mm	1	
			98 20 35		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	
		1000 V	98 24 00	Screwdriver for cross recessed screws Phillips®	PH0 x 60 mm	1	
			98 24 01		PH1 x 80 mm	1	
			98 24 02		PH2 x 100 mm	1	
		1000 V	98 40	T-Handle Drive with driving square 1/2"	165 mm	1	
		1000 V	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	
		1000 V	98 52	Cable Knife	185 mm	1	
			98 53 03	Stripping Knife	155 mm	1	
98 99 12 LE	028154	Compact Tool Case empty					

Tool Roll

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener
> Equipped with a range of insulated KNIPEX tools for works on electrical installations
> Dimensions, open (L x H): 850 x 305 mm
> DIN EN 60900, IEC 60900





98 99 13

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
98 99 13	026648	Tool Roll					2715
		1000 V	03 07 200	Combination Pliers	200 mm	1	
		1000 V	11 07 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1	
		1000 V	26 17 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 07 160	Diagonal Cutter	160 mm	1	
		1000 V	95 17 200	Cable Shears with twin cutting edge	Ø 20 mm / 70 mm²	1	
		1000 V	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	
		1000 V	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	
		1000 V	98 52	Cable Knife	185 mm	1	
98 99 13 LE	028888	Tool Roll empty 15 pockets					

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



00 20 15

Article No.	EAN 4003773-				Nominal size	Quantity	g
00 20 15	024804	Tool Box “RED” Electric Set 1					1430
		1000 V	03 06 180	Combination Pliers	180 mm	1	
		1000 V	11 06 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	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



00 21 15

Article No.	EAN 4003773-					Nominal size	Quantity	g
00 21 15	042853	Tool Box “RED” Electric Set 2						1535
		1000 V	03 06 180	Combination Pliers	KNIPEX	180 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	KNIPEX	200 mm	1	
		1000 V	70 06 160	Diagonal Cutter	KNIPEX	160 mm	1	
			88 03 180	KNIPEX Alligator® Water Pump Pliers	KNIPEX	180 mm	1	
		1000 V		Screwdrivers for slotted screws 160 i	Wera	0.4 x 2.5 x 80 mm	1	
		1000 V		Screwdrivers for slotted screws 160 i	Wera	0.8 x 4.0 x 100 mm	1	
		1000 V		Screwdrivers for cross recessed Phillips® screws 162i PH	Wera	PH1 x 80 mm	1	
00 21 15 LE	045175	Tool Box “RED” empty						

ELECTRONICS PLIERS AND PRECISION TWEEZERS

Electronic Super Knips / ESD	262
Electronic Super Knips XL / ESD	264
Electronics Diagonal Cutter	265
Material catcher	265
Precision Electronics Diagonal Cutters	266
Precision Electronics Diagonal Cutters ESD	267
Electronics Diagonal Cutters	269
Electronics Diagonal Cutters ESD	270
Electronics End Cutting Nippers	272
Electronics Oblique Cutting Nippers	273
Precision Electronics Gripping Pliers	274
Precision Electronics Gripping Pliers ESD	275
Electronics Gripping Pliers	276
Electronics Gripping Pliers ESD	277
Electronics Mounting Pliers	278
Electronics Pliers Sets	279
Precision Tweezers	280
Precision Tweezers Set	293



77 02 130

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
> 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

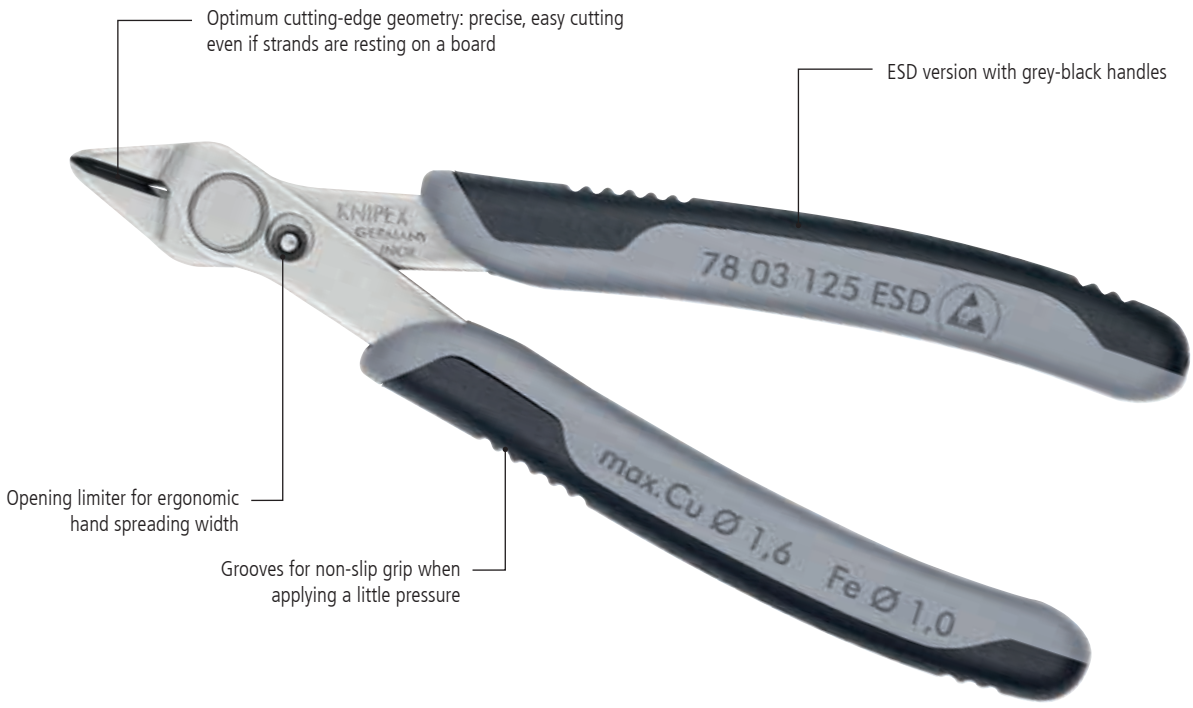

78 81 125


78 91 125

Models also 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

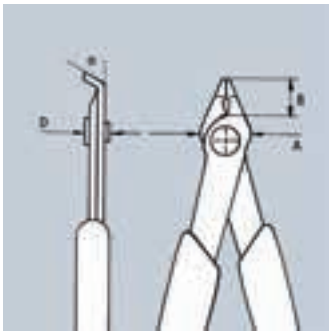


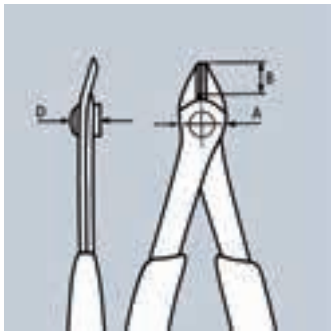
ESD pliers (electrostatic discharge)

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









Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	Dimensions B mm	A mm	D mm	g
78 03 125	035381	125			polished	with multi-component grips	0.2 – 1.6	1.0		9.0	13.5	7.5	56
78 03 125 ESD	025146	125			polished	with multi-component grips	0.2 – 1.6	1.0		9.0	13.5	7.5	55
78 06 125	084099	125	1000 V		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 grips	0.2 – 1.6	1.0		9.0	13.5	7.5	57
78 13 125 ESD	025153	125			polished	with multi-component grips	0.2 – 1.6	1.0		9.0	13.5	7.5	57
78 23 125	043096	125	60°		polished	with multi-component grips	0.2 – 1.0	0.6		5.5	13.5	7.5	55
78 31 125	039778	125		burnished	burnished	with multi-component grips	0.2 – 1.0			9.0	12.5	7.5	55
78 41 125	040767	125		burnished	burnished	with multi-component grips	0.2 – 1.0			9.0	12.5	7.5	57
78 61 125	035404	125		burnished	burnished	with multi-component grips	0.2 – 1.6	1.2		9.0	13.5	7.5	56
78 61 125 ESD	025184	125		burnished	burnished	with multi-component grips	0.2 – 1.6	1.2		9.0	13.5	7.5	56
78 71 125	043799	125		burnished	burnished	with multi-component grips	0.2 – 1.6	1.2		9.0	13.5	7.5	57
78 71 125 ESD	025191	125		burnished	burnished	with multi-component grips	0.2 – 1.6	1.2		9.0	13.5	7.5	57
78 81 125	065074	125		burnished	burnished	with multi-component grips	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 grips	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 03 140 / ESD
> INOX tool steel; cutting edge hardness approx. 54 HRC

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



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

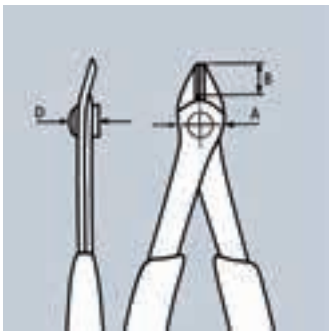




For flush cutting, e.g. for shortening cable ties



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



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	Cutting capacities ◑ Ø mm	Dimensions B mm	Dimensions A mm	Dimensions D mm	⚖ g
78 03 140	081647	140			polished	with multi-component grips	0.2 – 2.1	1.2	12.3	15.7	9.2	85
78 03 140 ESD	081661	140			polished	with multi-component grips	0.2 – 2.1	1.2	12.3	15.7	9.2	77
78 61 140	081685	140		burnished	burnished	with multi-component grips	0.2 – 2.1	1.4	12.3	15.7	9.2	85
78 61 140 ESD	081708	140		burnished	burnished	with multi-component grips	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 gentle 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 52 125
> Particularly narrow head, with bevel



75 02 125



75 12 125



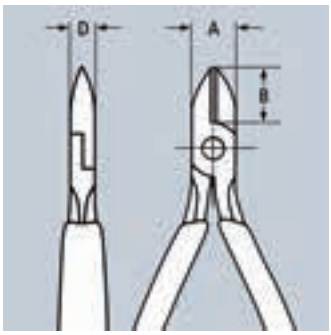
75 22 125



75 52 125



Bolted joint



Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	Dimensions A mm	B mm	D mm	⚖ g
75 02 125	043720	125		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		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		burnished	with plastic handles	0.2 – 1.3	0.9	0.4	0.3	10.5	14.0	6.5	79
75 52 125	043737	125		burnished	with plastic handles	0.2 – 0.8	0.5	0.3		10.5	14.0	6.5	75

Material catcher

for 79 02 / 22 125 ESD

> Material catcher for Electronics Diagonal Cutters: reliably prevents cut material from falling down
> For particular safety, e.g. in the aerospace industry, in order to avoid FOD (Foreign Object Damage)



00 11 V79



Easy attachment: the material catcher is easily attached and fastens securely to the pliers head



Remove the head of the cable tie using the Electronics Diagonal Cutter…



…the detached workpiece remains safely in the material catcher

Article No.	EAN 4003773-	⚖ g
00 11 V79	083443	20

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. 62 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

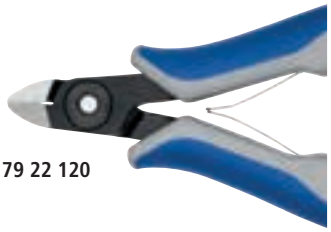
79 52 125 / 79 62 125
> Pointed head; with lead catcher – no uncontrolled loss of cut wire ends



79 02 120


79 02 125


79 12 125


79 22 120


79 22 125


79 32 125

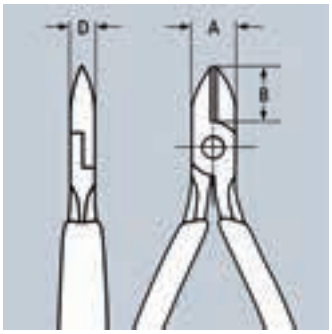

79 42 125 Z


79 52 125


79 62 125



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.

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	Dimensions B mm	A mm	D mm	⚖ g
79 02 120	061403	120		burnished	polished	with multi-component grips	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 grips	0.2 – 1.7	1.3	0.7		10.0	11.0	6.5	59
79 02 125 S1	071808	125					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 grips	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 grips	0.1 – 1.3	0.8			6.5	9.0	6.5	57
79 22 125	061342	125		burnished	polished	with multi-component grips	0.1 – 1.7	1.0			10.0	11.0	6.5	60
79 32 125	061366	125		burnished	polished	with multi-component grips	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 grips	0.1 – 1.5	0.8			11.0	11.0	6.5	58
79 42 125 Z	078449	125		burnished	polished	with multi-component grips	0.1 – 1.3				11.0	11.0	6.5	58
79 52 125	065135	125		burnished	polished	with multi-component grips	0.2 – 1.3	0.9	0.5		11.0	11.0	6.5	58
79 62 125	065142	125		burnished	polished	with multi-component grips	0.1 – 1.3	0.8			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

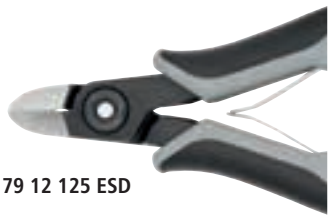
79 42 125 Z ESD
> For an optimised flush cutting result of soft materials

79 52 125 ESD / 79 62 125 ESD
> Pointed head; with lead catcher – no uncontrolled loss of cut wire ends



79 02 120 ESD


79 02 125 ESD


79 12 125 ESD

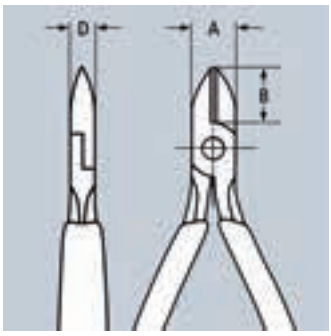

79 22 120 ESD


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

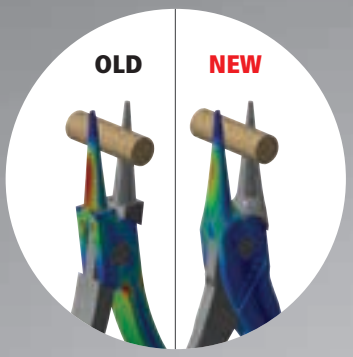


Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	Ø mm	Dimensions B mm	A mm	D mm	⚖ g
79 02 120 ESD	061595	120		burnished	polished	with multi-component grips	0.2 – 1.4	1.0	0.6		6.5	9.0	6.5	57
79 02 125 ESD	061519	125		burnished	polished	with multi-component grips	0.2 – 1.7	1.3	0.7		10.0	11.0	6.5	61
79 12 125 ESD	071389	125		burnished	polished	with multi-component grips	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 grips	0.1 – 1.3	0.8			6.5	9.0	6.5	57
79 22 125 ESD	061533	125		burnished	polished	with multi-component grips	0.1 – 1.7	1.0			10.0	11.0	6.5	61
79 32 125 ESD	061557	125		burnished	polished	with multi-component grips	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 grips	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 grips	0.1 – 1.3				11.0	11.0	6.5	58
79 52 125 ESD	065159	125		burnished	polished	with multi-component grips	0.2 – 1.3	0.9	0.5		11.0	11.0	6.5	58
79 62 125 ESD	065166	125		burnished	polished	with multi-component grips	0.1 – 1.3	0.8			11.0	11.0	6.5	58

We are Family: the family of electronic pliers with 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

> For fine cutting work, e.g. in electronics and fine mechanics
> Load-optimised for a more direct feel when working
> Low-friction double spring for gentle 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. 62 HRC
> Narrow sleeves pulled up to the head of the pliers enable the tool to be guided securely and comfortably, also between thumb and index finger
> Sturdy, zero backlash box joint
> 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

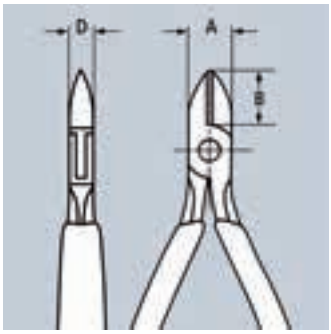
77 32 115 / 77 32 130
> Pointed head, with small bevel

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






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

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	Dimensions B mm	A mm	D mm	⚖ g
77 01 115	018568	115		mirror polished	with plastic handles	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	50
77 02 115	039334	115		mirror polished	with multi-component grips	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	70
77 02 130	039341	130		mirror polished	with multi-component grips	0.3 – 2.0	1.5	0.8	16.2	13.0	8.5	81
77 11 115	018629	115		mirror polished	with plastic handles	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	55
77 12 115	043768	115		mirror polished	with multi-component grips	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	70
77 21 115 N	082309	115		mirror polished	with plastic handles	1.3	1.0		13.0	11.0	7.0	50
77 22 115	043782	115		mirror polished	with multi-component grips	0.3 – 1.3	1.0		14.0	11.0	7.0	70
77 32 115	044307	115		mirror polished	with multi-component grips	0.3 – 1.3	1.0	0.5	14.0	11.0	7.5	65
77 32 130	089186	130				0.3 – 2.0	1.3	0.6	16.2	13.0	8.5	80
77 41 115	082316	115		mirror polished	with plastic handles	1.3	0.8		13.0	11.0	7.0	50
77 42 115	039761	115		mirror polished	with multi-component grips	0.3 – 1.3	0.8		14.0	11.0	7.5	70
77 42 130	018773	130				0.3 – 1.6	1.3		16.2	13 .0	8.5	81
77 52 115	040750	115		mirror polished	with multi-component grips	0.3 – 1.0	0.8	0.5	14.0	11.0	7.5	65
77 72 115	040958	115		mirror polished	with multi-component grips	0.3 – 0.8			10.5	11.0	6.0	65
77 82 130	089162	130		mirror polished	with multi-component grips	0.3 – 1.6	1.3		16.2	13.0	8.5	81

Electronics Diagonal Cutters ESD

with box joint

> For fine cutting work, e.g. in electronics and fine mechanics
> Electrically discharging handles - dissipative
> Sturdy, zero backlash box joint
> Low-friction double spring for gentle and even opening
> The 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 induction-hardened, cutting edge hardness approx. 62 HRC
> Handles with two-colour multi-component grips black/grey
> 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

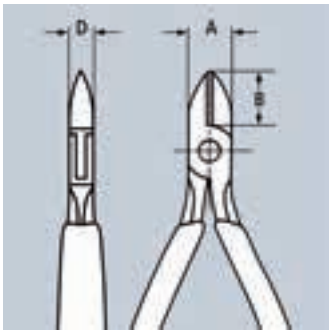

77 32 115 ESD


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

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	Dimensions B mm	A mm	D mm	g
77 01 115 ESD	018568	115		mirror polished	with multi-component grips	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	70
77 02 130 ESD	089209	130				0.3 – 2.0	1.5	0.8	16.2	13.0	8.5	81
77 12 115 ESD	025108	115		mirror polished	with multi-component grips	0.3 – 1.6	1.2	0.6	14.0	11.0	7.5	70
77 22 115 ESD	025115	115		mirror polished	with multi-component grips	0.3 – 1.3	1.0		14.0	11.0	7.5	70
77 32 115 ESD	025122	115		mirror polished	with multi-component grips	0.3 – 1.3	1.0	0.5	14.0	11.0	7.0	70
77 32 130 ESD	089193	130				0.3 – 2.0	1.3	0.6	16.2	13.0	8.5	80
77 42 115 ESD	031901	115		mirror polished	with multi-component grips	0.3 – 1.3	0.8		14.0	11.0	7.0	70
77 42 130 ESD	089216	130				0.3 – 1.6	1.3		16.2	13.0	8.5	80
77 52 115 ESD	025139	115		mirror polished	with multi-component grips	0.3 – 1.0	0.8	0.5	14.0	11.0	7.0	70
77 72 115 ESD	024330	115		mirror polished	with multi-component grips	0.3 – 0.8			10.5	11.0	6.0	70
77 82 130 ESD	089179	130		mirror polished	with multi-component grips	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
> DIN ISO 9654

77 02 120 H / 77 02 135 H / ESD
> Round head, with bevel

77 32 120 H / ESD
> Pointed head with chamfer; with small bevel



77 02 120 H



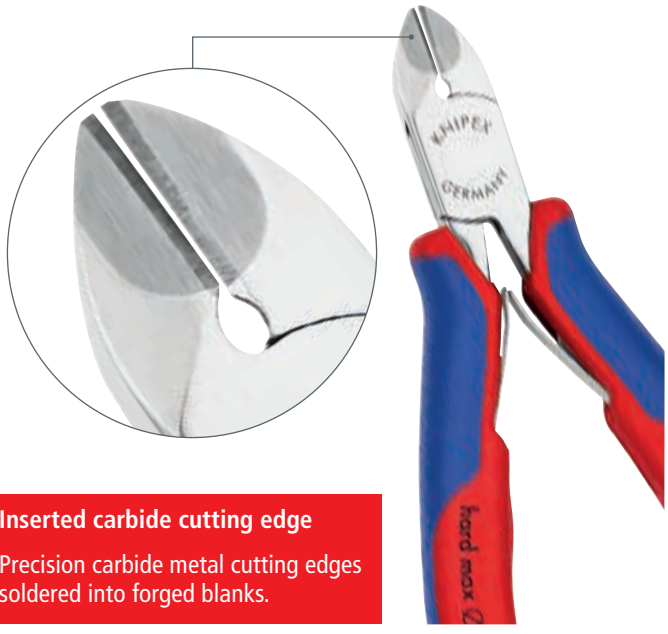
77 02 120 H ESD



77 32 120 H

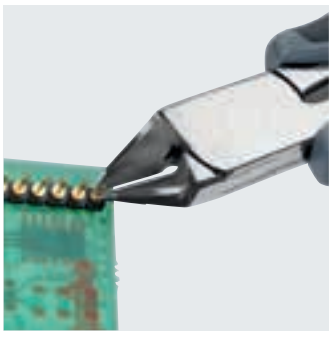


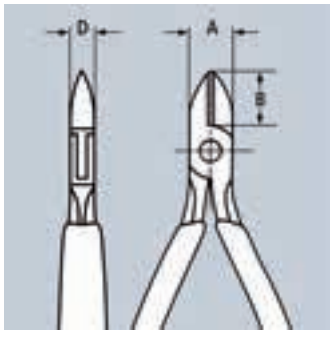
77 32 120 H ESD



Inserted carbide cutting edge

Precision carbide metal cutting edges soldered into forged blanks.





Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities Ø mm	Ø mm	Ø mm	Ø mm	Dimensions B mm	A mm	D mm	⚖ g
77 02 120 H	075783	120		mirror polished	with multi-component grips	2.0	1.4	1.0	0.6	14.0	11.0	7.5	85
77 02 135 H	075806	135				2.2	1.6	1.2	0.8	18.0	15.0	9.5	115
77 02 120 H ESD	075813	120		mirror polished	with multi-component grips	2.0	1.4	1.0	0.6	14.0	11.0	7.5	85
77 02 135 H ESD	075837	135				2.2	1.6	1.2	0.8	18.0	15.0	9.5	115
77 32 120 H	075790	120		mirror polished	with multi-component grips	1.6	1.0	0.6	0.2	14.0	11.0	7.5	80
77 32 120 H ESD	075820	120		mirror polished	with multi-component grips	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 gentle 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
> Cutters additionally laser hardened, cutter hardness at least 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, α = 15°

64 42 115
> Oblique End Cutter, short head, with small bevel, α = 27°

64 52 115
> Oblique End Cutter, short head, without bevel, for flush cutting, a = 27°

64 62 120 / 64 52 120 ESD
> Oblique End Cutter, short head, with small bevel, α = 65°

64 72 120
> Oblique End Cutter, mini-blade with small bevel, head with recess, α = 35°

64 22 115 / 64 22 115 ESD
> End Cutter, mini-blade with small bevel



64 01 115

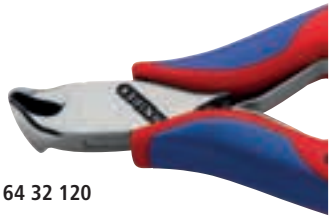


64 02 115 ESD


64 11 115


64 12 115

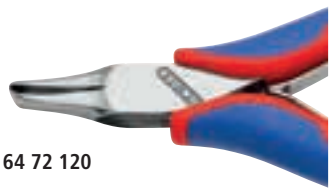

64 22 115


64 32 120

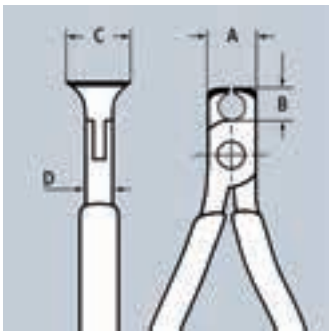

64 42 115


64 52 115

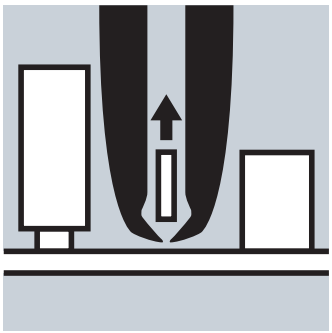

64 62 120

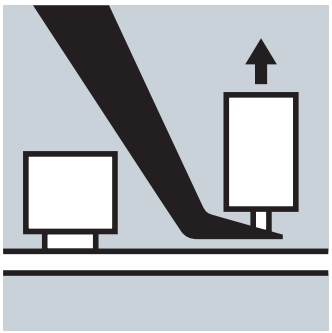

64 72 120

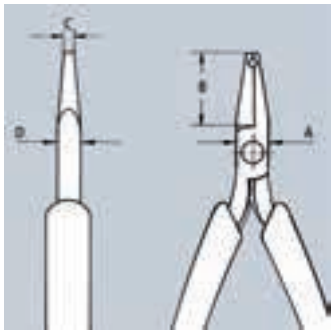

64 11 115



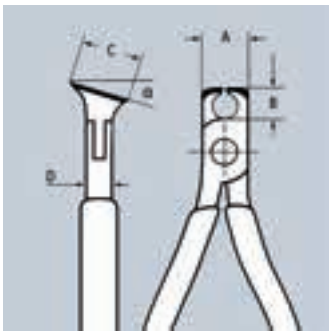
64 01/02/11/12


64 22 115

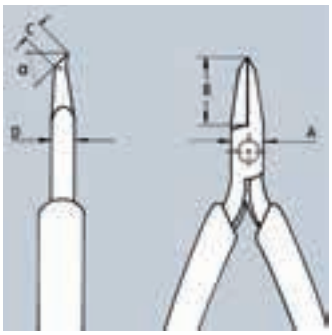

64 62 120



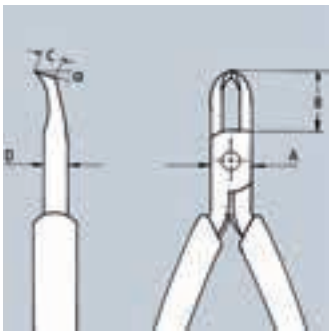
64 22 115



64 32/42/52



64 62 120



64 72 120

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	◕ Ø mm	Dimensions A mm	B mm	D mm	C mm	⚖ g
64 01 115	017745	115		mirror polished	with plastic handles	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 grips	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 grips	2.0	1.0	0.6	11.0	6.0	7.5	16.0	70
64 11 115	017769	115		mirror polished	with plastic handles	1.4	0.8		11.0	12.0	7.0	16.0	50
64 12 115	040743	115		mirror polished	with multi-component grips	1.4	0.8		11.0	6.0	7.0	16.0	70
64 12 115 ESD	024323	115		mirror polished	with multi-component grips	1.4	0.8		11.0	6.0	7.0	16.0	70
64 22 115	017806	115		mirror polished	with multi-component grips	0.8			11.0	20.0	6.0	3.0	70
64 22 115 ESD	025061	115		mirror polished	with multi-component grips	0.8			11.0	20.0	6.0	3.0	70
64 32 120	017820	120	∡15°	mirror polished	with multi-component grips	1.5	1.0	0.5	11.0	10.0	7.0	17.0	70
64 32 120 ESD	025078	120	∡15°	mirror polished	with multi-component grips	1.5	1.0	0.5	11.0	10.0	7.0	17.0	70
64 42 115	017844	115	∡27°	mirror polished	with multi-component grips	1.5	1.0	0.5	11.0	10.0	7.0	12.0	70
64 52 115	040439	115	∡27°	mirror polished	with multi-component grips	1.3			11.0	10.0	7.0	12.0	70
64 62 120	046998	120	∡65°	mirror polished	with multi-component grips	0.6			11.0	20.0	7.0	7.0	70
64 62 120 ESD	025085	120	∡65°	mirror polished	with multi-component grips	0.6			11.0	20.0	7.0	7.0	70
64 72 120	017882	120	∡35°	mirror polished	with multi-component grips	1.5			11.0	20.0	7.0	6.0	70

Electronics Oblique Cutting Nipper

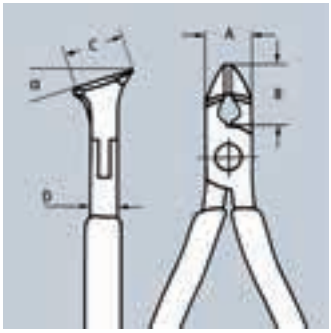
with box joint

> With cutting edges for soft and medium hard wire
> Without bevel, for flush cutting
> Low-friction double spring for gentle 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
> Cutters additionally laser hardened, cutter hardness at least 56 HRC
> Ball bearing chrome steel, oil hardened
> DIN ISO 9654



62 12 120





Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities ◔ Ø mm	◑ Ø mm	Dimensions A mm	B mm	C mm	D mm	⚖ g
62 12 120	048008	120	∡15°	polished	with multi-component grips	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 gentle 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



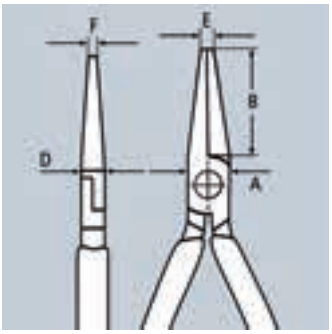
34 52 130







Cross-shaping: precision laser cut for a secure grip in ultra fine mounting work



Article No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions B mm	A mm	D mm	E mm	F mm	⚖ g
34 12 130	061458	135		polished	with multi-component grips	21.9	11.2	6.5	1.4	3.5	61
34 22 130	061472	135		polished	with multi-component grips	22.7	11.2	6.5	1.6	1.6	61
34 32 130	061496	135		polished	with multi-component grips	23.7	11.2	6.5	2.0	1.0	59
34 42 130	080282	130		polished	with multi-component grips	21.9	11.2	6.5	1.4	3.5	61
34 52 130	080312	130		polished	with multi-component grips	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 gentle and even opening
> Non-reflective finish
> Low weight
> Ergonomically shaped, two-colour dual component ESD handles, black/grey
> Ball bearing chrome steel, forged, multi stage oil-hardened
> DIN ISO 9655, DIN EN 61 340-5

34 12 130 ESD
> Flat, wide jaws, smooth ground gripping surfaces

34 22 130 ESD
> Half-round jaws, smooth ground gripping surfaces

34 32 130 ESD
> Round, pointed jaws, smooth ground gripping surfaces

34 42 130 ESD
> Flat, wide jaws; with precision laser cut cross-shaping

34 52 130 ESD
> Half-round jaws; with precision laser cut cross-shaping



34 12 130 ESD



34 22 130 ESD



34 32 130 ESD

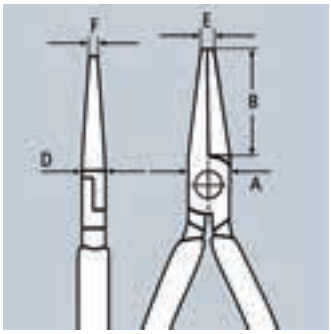


34 42 130 ESD



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

Article No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions B mm	A mm	D mm	E mm	F mm	⚖ g
34 12 130	061458	135		polished	with multi-component grips	21.9	11.2	6.5	1.4	3.5	62
34 22 130 ESD	061656	135		polished	with multi-component grips	22.7	11.2	6.5	1.6	1.6	65
34 32 130 ESD	061670	135		polished	with multi-component grips	23.7	11.2	6.5	2.0	1.0	62
34 42 130 ESD	080299	130		polished	with multi-component grips	21.9	11.2	6.5	1.4	3.5	61
34 52 130 ESD	080305	130		polished	with multi-component grips	22.7	11.2	6.5	1.6	1.6	61

Electronics Gripping Pliers

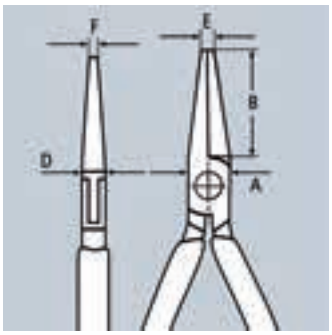
with box joint

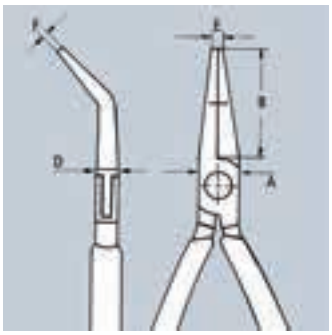
> Precision pliers for fine assembly work, e g. in electronics and fine mechanics
> Load-optimised for a more direct feel when working
> For gripping, holding and bending
> Sturdy, zero backlash box joint
> Smooth ground gripping surfaces
> Soft transitions; no sharp edges
> Low-friction double spring for gentle 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
> Narrow sleeves pulled up to the head of the pliers enable the tool to be guided securely and comfortably, also between thumb and index finger
> Edges carefully deburred
> Ball bearing chrome steel, oil hardened
> DIN ISO 9655

145 mm Length
> For deep gripping





























Article No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions B mm	A mm	D mm	E mm	F mm	⚖ g
35 11 115	016694	115		mirror polished	with plastic handles	22.5	11.0	6.5	2.0	4.0	55
35 12 115	035107	115		mirror polished	with multi-component grips	22.5	11.0	6.5	2.0	4.0	70
35 21 115	016724	115		mirror polished	with plastic handles	22.5	11.0	6.5	2.0	1.5	55
35 22 115	035114	115		mirror polished	with multi-component grips	22.5	11.0	6.5	2.0	1.5	70
35 31 115	016762	115		mirror polished	with plastic handles	22.5	11.0	6.5	2.0	1.0	61
35 32 115	035121	115		mirror polished	with multi-component grips	22.5	11.0	6.5	2.0	1.0	70
35 41 115	082248	115		mirror polished	with plastic handles	22.5	11.0	6.5	2.0	1.0	55
35 42 115	040736	115		mirror polished	with multi-component grips	22.5	11.0	6.5	2.0	1.5	70
35 52 145	039389	145		mirror polished	with multi-component grips	34.1	13.0	8.5	2.5	1.8	86
35 62 145	039556	145		mirror polished	with multi-component grips	34.1	13.0	8.5	2.5	1.8	86
35 82 145	039396	145		mirror polished	with multi-component grips	31.1	13.0	8.5	2.5	1.8	86

Electronics Gripping Pliers ESD

with box joint

> Precision pliers for fine assembly work, e g. in electronics and fine mechanics
> For gripping, holding and bending
> Electrically discharging handles – dissipative
> Sturdy, zero backlash box joint
> Smooth ground gripping surfaces
> Edges carefully deburred
> Low-friction double spring for gentle and even opening
> The mirror polish together with a fine film of oil offer effective 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



35 12 115 ESD



35 22 115 ESD



35 32 115 ESD

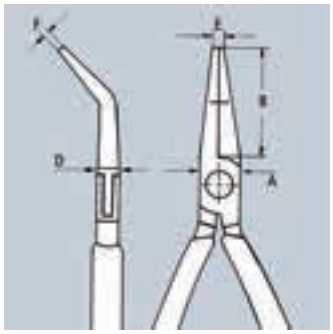


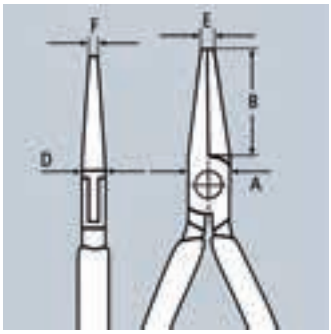
35 42 115 ESD

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









35 52 145 ESD



35 62 145 ESD



35 82 145 ESD

Article No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions B mm	A mm	D mm	E mm	F mm	⚖ g
35 12 115 ESD	024835	115		mirror polished	with multi-component grips	22.5	11.0	6.5	2.0	4.0	70
35 22 115 ESD	024842	115		mirror polished	with multi-component grips	22.5	11.0	7.0	2.0	1.3	70
35 32 115 ESD	024859	115		mirror polished	with multi-component grips	22.5	11.0	6.5	2.0	1.0	70
35 42 115 ESD	024866	115		mirror polished	with multi-component grips	22.5	11.0	6.5	2.0	1.5	70
35 52 145 ESD	089223	145		mirror polished	with multi-component grips	34.1	13.0	8.5	2.5	1.8	86
35 62 145 ESD	089230	145		mirror polished	with multi-component grips	34.1	13.0	8.5	2.5	1.8	86
35 82 145 ESD	089414	145		mirror polished	with multi-component grips	31.1	13.0	8.5	2.5	1.8	86

Electronics Mounting Pliers

> Precision pliers for very fine assembly and repair work in electronics
> For bending and cutting off wire ends on components
> Sturdy, zero backlash box joint
> Smooth ground gripping surfaces
> Edges carefully deburred
> Low-friction double spring for gentle and even opening
> The mirror polish together with a fine film of oil offer effective rust protection – no circuit faults caused by peeling chrome from plated tools
> Ball bearing chrome steel, oil hardened



36 12 130

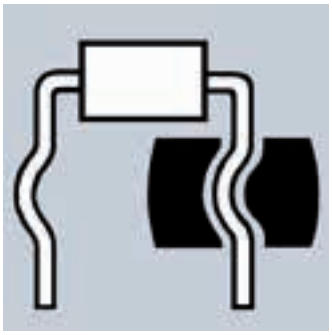


36 22 125



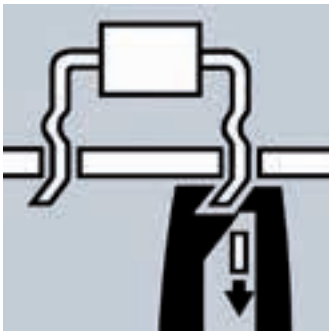
36 32 125

36 12 130



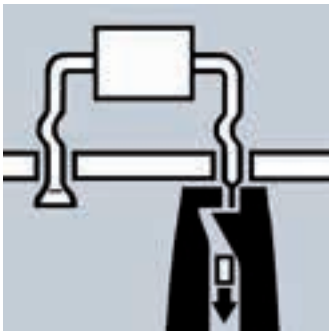
To bend wire as stress relief / for distance below the board

36 22 125



To bend and cut wire at 1.6 mm length below the board

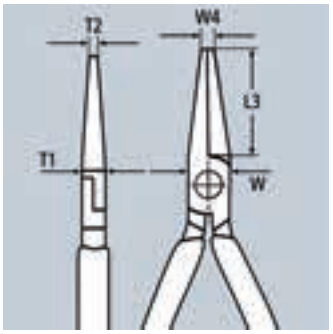
36 32 125

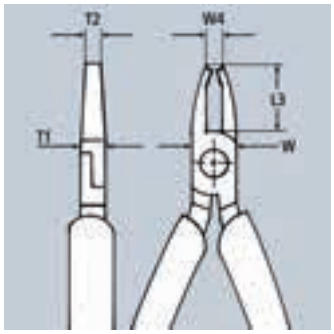


To crunch and cut wire at 1.6 mm length below the board









Article No.	EAN 4003773-	↔ mm		Head	Handles	◔ Ø mm	Dimensions L3 mm	W mm	T1 mm	W1 mm	T2 mm	⚖ g
36 12 130	016861	130		mirror polished	with multi-component grips		23.0	12.0	9.5	5.5	6.0	70
36 22 125	046967	125		mirror polished	with multi-component grips	1.2	18.0	11.0	7.0	7.5	4.0	94
36 32 125	016885	125		mirror polished	with multi-component grips	1.0	18.0	11.0	7.0	7.5	3.0	70

Electronics Pliers Sets

with tools for work on electronic components

> 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 electronics screwdrivers, ESD 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



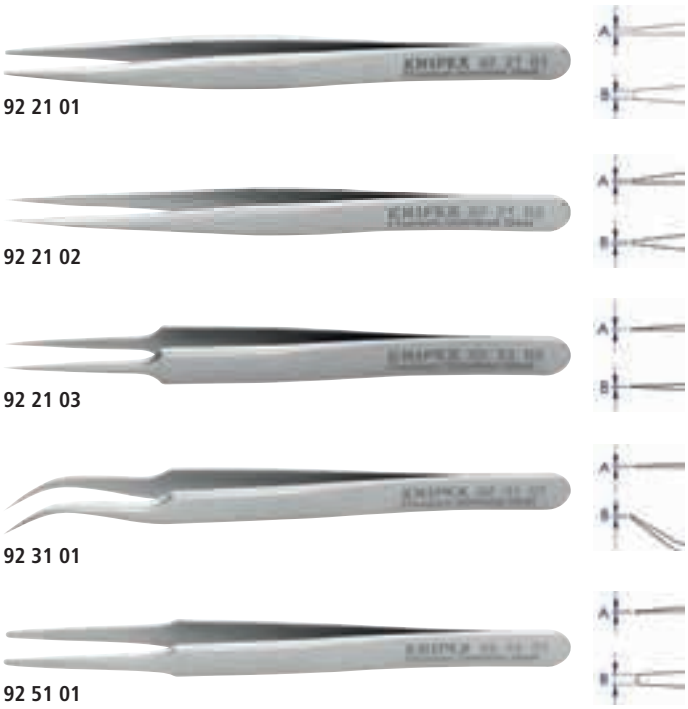
00 20 18 ESD

Article 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 / screw drivers 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 / screw drivers 0.4 x 2.5 / 0.5 x 3.0 / 0.6 x 3.5 / 0.8 x 4.0 / PH0 / PH1	465

Precision Tweezers

resistant to many chemicals

> For particularly demanding precision work: tough and highly resistant to corrosion
> Handcrafted: polished edges and an excellent matt, scratch-free and non-reflective surface
> For the electronics industry, watchmakers, jewellers, laboratories with biological and medical applications in moderately aggressive chemical environments
> High-quality premium stainless steel: high temperature resistance and excellent corrosion resistance to most chemicals, salts and acids
> Ideally suited for microscopic work, precision handling, repairs, manufacturing electronic components, as well as other general applications; tips are guaranteed to have perfect symmetry and balance
> Also available as a set (92 00 02)
> Premium stainless steel

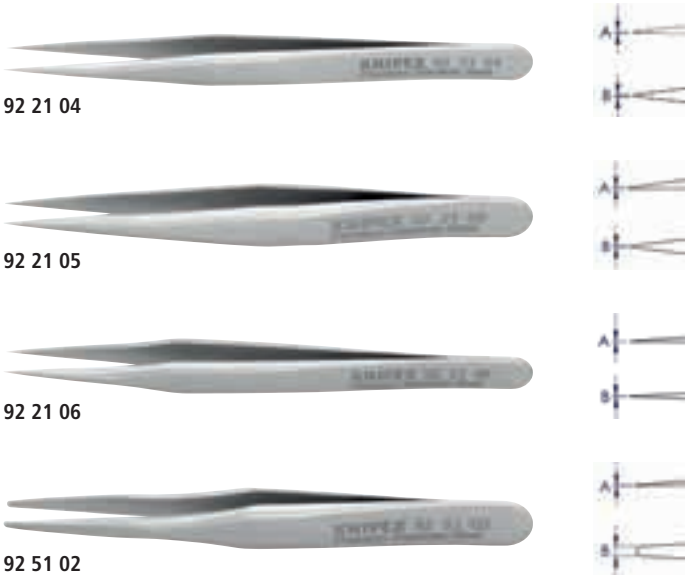


Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 21 01	00.SA.0.KN	085041	120 x 10 x 13		smooth	straight	pointed	0.5 x 0.9	21
92 21 02	3C.SA.0.KN	085065	110 x 9.5 x 11		smooth	straight	needle-point	0.12 x 0.18	12
92 21 03	5.SA.0.KN	085089	110 x 10 x 11		smooth	straight	needle-point	0.06 x 0.12	13
92 31 01	7.SA.0.KN	085027	120 x 10 x 11	∡45°	smooth	angled 45°	needle-point	0.09 x 0.16	14
92 51 01	2A.SA.0.KN	085126	120 x 10 x 11		smooth	straight	blunt	0.13 x 1.9	15

Mini Precision Tweezers

for precision work in confined spaces

> For particularly demanding precision work: tough and highly resistant to corrosion
> Handcrafted: polished edges and an excellent matt, scratch-free and non-reflective surface
> For the electronics industry, watchmakers, jewellers, laboratories with biological and medical applications in moderately aggressive chemical environments
> High-quality premium stainless steel: high temperature resistance and excellent corrosion resistance to most chemicals, salts and acids
> Extra short and lightweight tweezers with narrow tips
> Ideal for working in confined spaces, under the microscope and for precision close work
> Ideal for sample handling, microscopy preparation, sorting, precision manufacturing, electronic assembly, rework and repair
> Premium stainless steel



Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 21 04	0C9.SA.0.KN	087526	90 x 8 x 10		smooth	straight	needle-point	0.09 x 0.15	9
92 21 05	M3.SA.1.KN	086703	70 x 7 x 7.5		smooth	straight	needle-point	0.1 x 0.2	6
92 21 06	M5.SA.1.KN	086710	80 x 6 x 7.5		smooth	straight	needle-point	0.08 x 0.13	7
92 51 02	M2A.SA.1.KN	086697	70 x 8 x 6.5		smooth	straight	blunt	0.1 x 1.2	6

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


92 81 01


92 81 02


92 81 03


92 81 04


92 81 05



Interchangeable ESD tips





Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips 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	∠60°	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

Cutting Tweezers

hard and sharp for finest cutting work

> For particularly demanding precision work: made from high-quality, martensitic hardened steel, tough and highly resistant to corrosion
> Stainless steel with a slim, tapered design for maximum precision when cutting, dissecting and segmenting extremely small objects in tight spaces
> For the electronics industry, as well as repairs and handicrafts
> Mainly used for cutting soft copper, gold or silver wires, as well as magnetic wires
> With extremely hard and sharp oblique cutting nippers
> Also available as an ESD-version: with black epoxy resin coating and a surface resistance between 10^3 and 10^9 ohms
> ESD version only: this allows to compansate in a controlled manner the differences in potential between the operator and electronic components
> Stainless steel

92 11 01 ESD
> Stainless steel, DIN EN 61340 -5-1

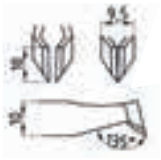
92 11 01
> Stainless steel



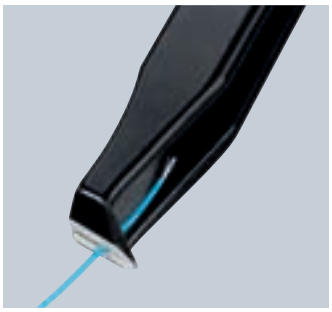
92 11 01



92 11 01 ESD







Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 11 01	15AGW.S.0.KN	085003	115 x 11 x 15		smooth	bent	Cutting Edges	4.75 x 10.0	25
92 11 01 ESD	15AGW.S.N.0.KN	086727	115 x 11 x 17	⚠	smooth	bent	Cutting Edges	4.75 x 10.0	26

Universal Tweezers

Ideal for demanding standard applications

> 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
> Stainless steel

92 01 05 / 92 01 06
> Premium stainless steel

92 34 37
> Steel, black lacquered



92 01 05



92 01 06



92 21 07



92 21 08



92 22 04

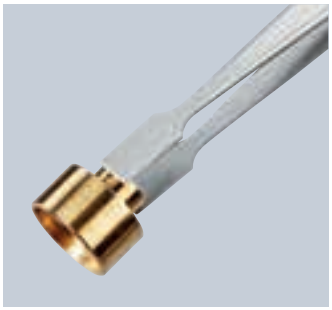


92 22 06



92 22 07







92 22 12



92 22 13



92 22 35



92 32 29



92 34 36



92 34 37



92 61 01



92 61 02



92 64 43



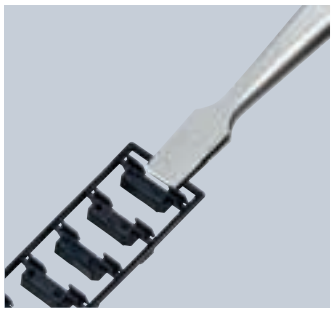
92 72 45



92 84 18



92 52 23





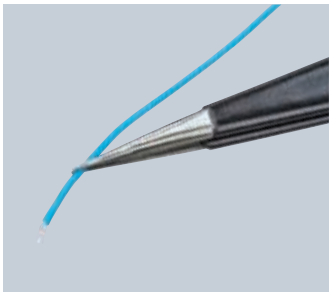
Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 01 05	34A.SA.1.KN	086758	120 x 10 x 12		serrated	straight	blunt	0.17 x 6.0	15
92 01 06	36A.SA.1.KN	086765	120 x 10 x 18	∡30°	serrated	angled 30°	blunt	0.17 x 6.0	15
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	25
92 32 29	7.SA.B.KN	054818	118 x 10 x 10	∡35°	smooth	angled 35°	needle-point	0.25 x 0.3	15
92 34 36	649.SA.B.KN	054832	152 x 8 x 18	∡25°	serrated	angled 25°	pointed	0.5 x 0.5	27
92 34 37	649.SA.NE.B	054849	155 x 8 x 14	∡25°	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

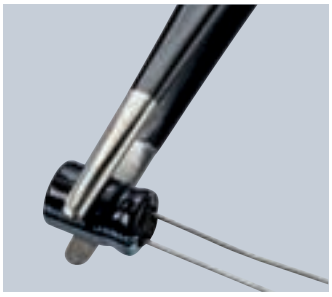
Universal Tweezers ESD

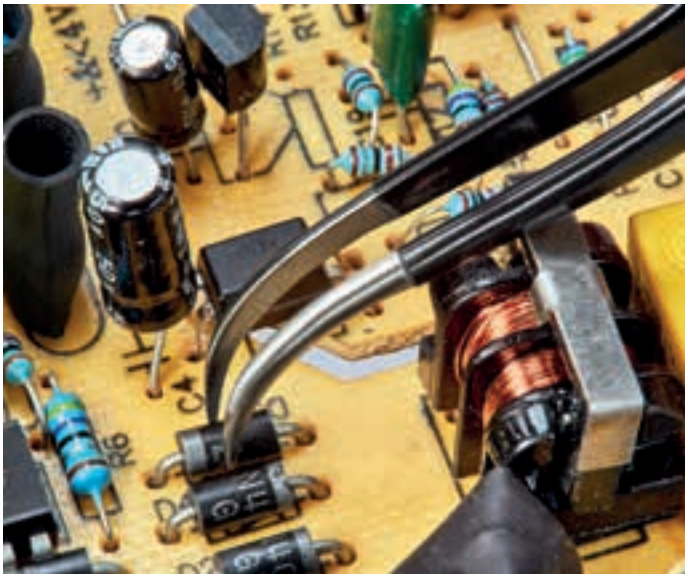
DIN EN 61340 -5-1

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









92 21 01 ESD



92 21 02 ESD



92 21 03 ESD



92 28 69 ESD



92 28 70 ESD



92 28 71 ESD



92 28 72 ESD



92 38 75 ESD



92 58 74 ESD



92 78 77 ESD

Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips 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	∠35°	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

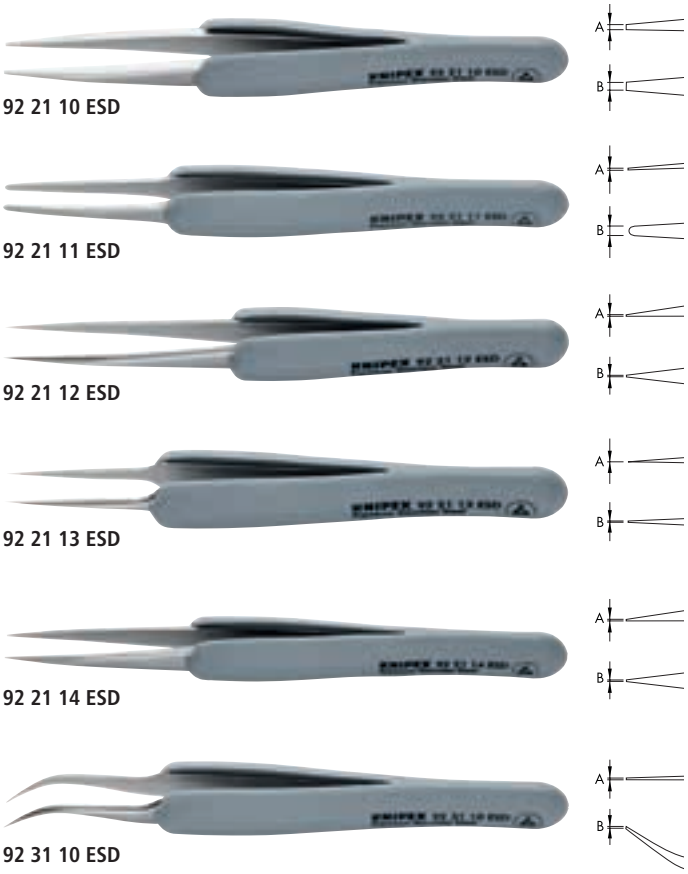
Precision Tweezers with rubber handles ESD

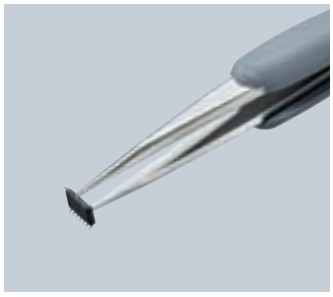
DIN EN 61340 -5-1

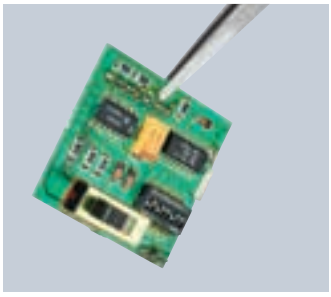
for frequent handling of ESD-sensitive components or small static objects

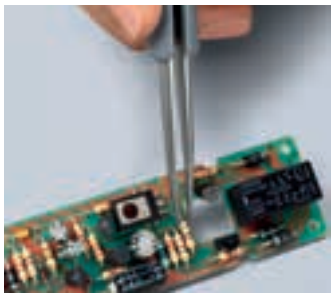
- For secure handling of electronic workparts: equalize differences in electrical potential between their user and the workpieces in a controlled manner
- Maximum comfort for frequent use
- Handles suitable for use in clean rooms and controlled environments

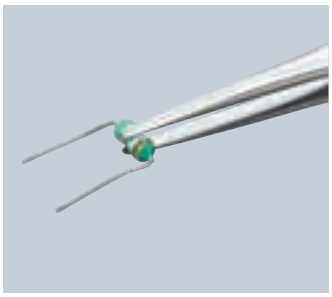
> For medical technology, electronics, microscopy, industry
> For particularly demanding precision work: tough and highly resistant to corrosion
> Antimagnetic to avoid electromagnetic damage
> ESD-tested, soft, and ergonomic handle sleeves with a surface resistance between 10^3 and 10^9 ohms
> Premium stainless steel core: extremely tough and very good corrosion resistance against a variety of atmospheric environments and many corrosive materials
> Premium stainless steel

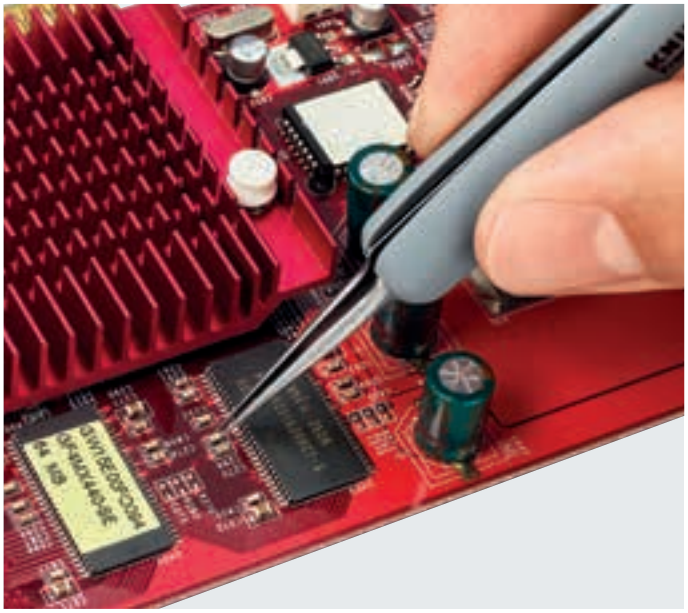










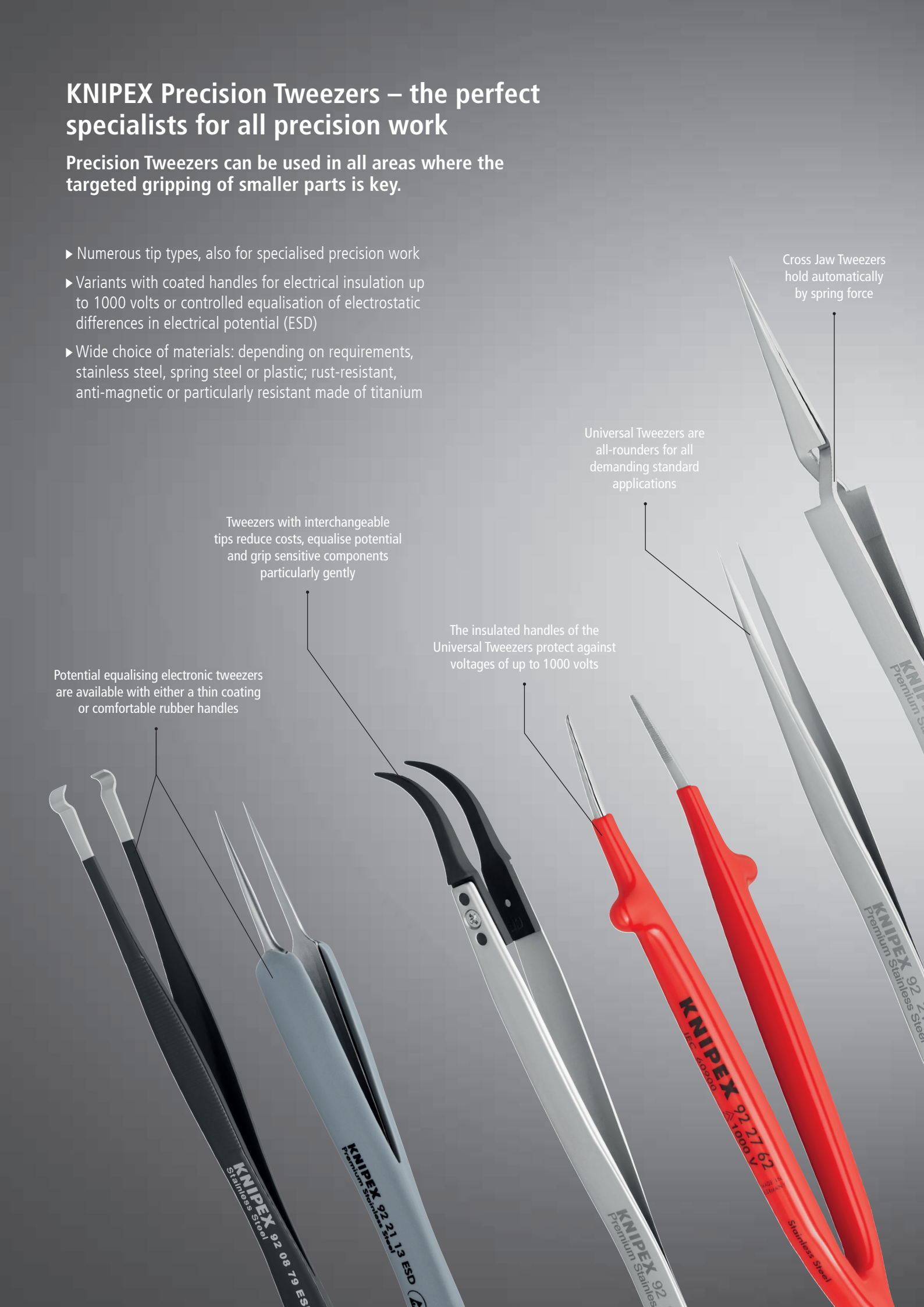


Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	g
92 21 10 ESD	00.SA.DRG.0.KN	088608	123 x 15 x 18		rubber handles	straight	pointed	0.5 x 0.9	30
92 21 11 ESD	2A.SA.DRG.0.KN	088615	123 x 15 x 16		rubber handles	straight	blunt	0.13 x 0.9	22
92 21 12 ESD	3C.SA.DRG.0.KN	088622	112 x 14 x 15		rubber handles	straight	needle-point	0.12 x 0.18	19
92 21 13 ESD	5.SA.DRG.0.KN	088639	112 x 15 x 16		rubber handles	straight	needle-point	0.06 x 0.12	20
92 21 14 ESD	AA.SA.DRG.6.KN	088653	130 x 15 x 16		rubber handles	straight	pointed	0.5 x 0.5	20
92 31 10 ESD	7.SA.DRG.0.KN	088646	122 x 15 x 15	∡45°	rubber handles	straight	needle-point	0.09 x 0.16	22

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



SMD Precision Tweezers

optimised for electronic work with SMD components

> When working on SMD components (SMD = surface mounted device): the fine geometry of the SMD tweezers also allows work to be carried out on electronic components that can be soldered directly onto the circuit board using solderable connecting surfaces
> Handcrafted: polished edges and an excellent matt, scratch-free and non-reflective surface
> For assembly work, laboratory processes, clean room environments, circuit board repairs and reworking in the electronics industry
> High-quality premium stainless steel: high temperature resistance and excellent corrosion resistance to most chemicals, salts and acids
> Antimagnetic to avoid electromagnetic damage
> The variety of designs and jaw types enables small components to be held, positioned and controlled securely in confined spaces
> Also available as a set (92 00 03)
> Stainless steel



92 01 01



92 01 02



92 01 03



92 01 04



92 02 54

Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 01 01	SM103.SA.1.KN	085522	115 x 10 x 11	∡45°	smooth	angled 45°	positioning	0.33 x 1.6	15
92 01 02	SM107.SA.1.KN	085539	120 x 10 x 11	∡35°	smooth	double-angled 35°	positioning	0.15 x 1.5	15
92 01 03	SM108.SA.1.KN	085546	120 x 10 x 11		smooth	straight	positioning	0.3 x 1.5	15
92 01 04	SM111.SA.1.KN	085591	115 x 10 x 11	∡45°	smooth	angled 45°	positioning	0.5 x 1.5	15
92 02 54	SM115.SA.1.KN	054610	115 x 10 x 11	∡30°	smooth	angled 30°	positioning	0.6 x 0.9	14

SMD Precision Tweezers ESD

DIN EN 61340 -5-1

> This allows to compansate in a controlled manner the differences in potential between the operator and electronic components
> With a tested black epoxy resin coating with a surface resistance between 10^4 and 10^9 ohms
> Stainless steel



92 08 78 ESD



Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 08 78 ESD	SM109.SA.NE.B.KN	054634	118 x 10 x 12	∡45° ⚠	smooth	angled 45°	positioning	0.5 x 2.5	15

Positioning Tweezers

for exact positioning or pulling of small components

> Makes it easy to hold, insert and pull even the smallest elongated components
> With gripping surfaces in dimensionally adapted designs, for example for firmly and securely positioning or pulling sensitive rounded or cuboid components
> For through-hole technology (THT) and pin-in-hole technology (PIH)
> Antimagnetic to avoid electromagnetic damage
> Stainless steel



92 01 07

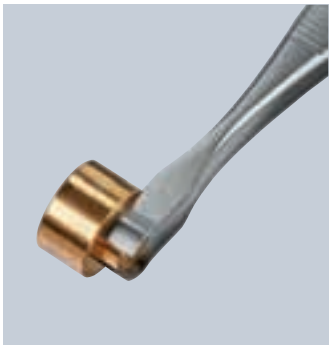


92 11 02



92 11 03







Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 01 07	5574.SA.B.KN	086932	143 x 11 x 17	∠90°	serrated	angled 90°	positioning	3.5 x 5.8	22
92 11 02	5572.SA.B.KN	085034	145 x 11 x 16.5		serrated	straight	positioning	2.8 x 5.5	24
92 11 03	572.SA.B.KN	085553	122 x 10 x 14.5		serrated	straight	positioning	2.5 x 4.0	14

Positioning Tweezers ESD

DIN EN 61340 -5-1

> Allow to compansate in a controlled manner the differences in potential between the operator and electronic components
> With a tested black epoxy resin coating with a surface resistance between 10^3 and 10^9 ohms
> Stainless steel



92 08 79 ESD



92 16 01 ESD



92 16 02 ESD

Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 08 79 ESD	572.SA.NE.B.KN	054641	122 x 10 x 14.5		serrated	straight	positioning	2.5 x 4.0	15
92 16 01 ESD	578B.SA.NE.B.KN	086949	120 x 10 x 14	∠35°	smooth	angled 35°	positioning	1.5 x 3.8	15
92 16 02 ESD	572B.SA.NE.B.KN	086956	120 x 10 x 14.5	∠35°	smooth	angled 35°	positioning	0.6 x 0.8	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 01



92 23 05

Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 23 01	5.TA.0	085010	110 x 10 x 11	◁	smooth	straight	needle-point	0.09 x 0.15	9
92 23 05	3.TA.0	054726	120 x 10 x 11	◁	smooth	straight	pointed	0.6 x 0.8	10

Precision Cross Jaw Tweezers

hold automatically due to their spring force, for filigree work

> 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
> Handcrafted, with an excellent matt, scratch-free and non-reflective surface
> Precision cross-over tweezers for particularly challenging applications when corrosion resistance and toughness are the main requirements
> The high-quality premium stainless steel versions offer high temperature resistance and excellent corrosion resistance to most chemicals, salts and acids
> Premium stainless steel



92 91 01

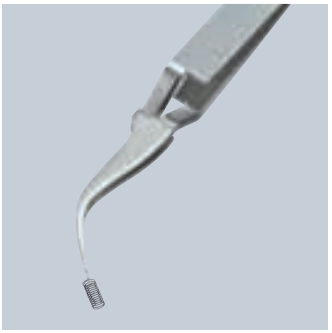


92 91 02



92 91 03





Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 91 01	2AX.SA.1.KN	086802	120 x 10 x 11	◁	smooth	straight	blunt	0.13 x 1.9	13
92 91 02	3X.SA.1.KN	086819	120 x 10 x 11	◁	smooth	straight	needle-point	0.12 x 0.2	12
92 91 03	7X.SA.1.KN	086826	115 x 10 x 11	◁ ∡45°	smooth	angled 45°	needle-point	0.22 x 0.25	13

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
> Stainless steel



92 94 91



92 95 89



92 95 90

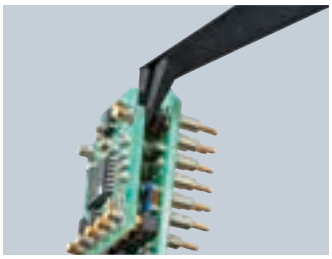
Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 94 91	5518.SA.B.KN	055006	160 x 11.5 x 13		serrated	straight	blunt	1.3 x 4.5	34
92 95 89	29.SA.B.KN	055013	165 x 11 x 20		smooth	straight	blunt	0.8 x 1.0	33
92 95 90	30.SA.B.KN	055020	162 x 11 x 20	∡40°	serrated	angled 40°	blunt	0.8 x 1.0	32

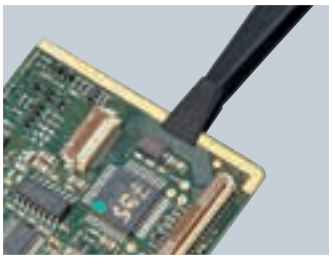
Plastic Tweezers ESD

DIN EN 61340 -5-1

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







92 09 01 ESD



92 09 02 ESD



92 09 03 ESD



92 09 04 ESD



92 09 05 ESD

Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	Tip width A x B x C x D mm	⚖ g
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

extremely light and robust

> 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



92 69 84



Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips 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

DIN EN 60900, IEC 60900

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



92 27 61



92 27 62



92 37 64

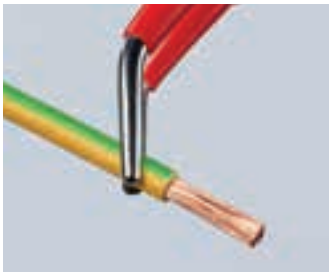


92 47 01



92 67 63

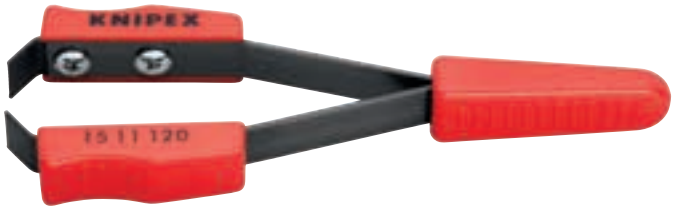




Article No.	International Code	EAN 4003773-	L x B x H mm	Gripping surface	Handles	Finish	Tweezers tip version	Tips width A x B mm	⚖ g
92 27 61	54069IK.SA.B.00	054757	128 x 32 x 13	1000 V	with dipped insulation	straight	pointed	0.5 x 0.5	19
92 27 62	55015IK.SA.B.00	054764	157 x 40 x 12	1000 V	with dipped insulation	straight	pointed	1.0 x 1.3	23
92 37 64	55015IBK.SA.B.00	054856	155 x 35 x 12	1000 V 30°	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 30°	with dipped insulation	angled 30°	blunt	1.3 x 3.0	43
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	43

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



15 11 120



15 19 005



15 19 006



15 19 008



15 19 010









Article No.	International Code	EAN 4003773-	↔ mm	Finish	Stripping capacities Ø mm	⚖ g
15 11 120	253040.C.BI.8	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 Set

5 parts

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

> 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 02



92 00 03



92 00 04



92 00 05 ESD

Article No.	International Code	EAN 4003773-	Contents	⚖ g
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 02	K5HP.SA	087021	92 21 01 / 92 21 02 / 92 21 03 / 92 31 01 / 92 51 01	175
92 00 03	K5SMDF	087045	92 01 01 / 92 01 02 / 92 01 03 / 92 01 04 / 92 02 54	174
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

TOOLS WITH TETHERING

Lanyards	298
Adapter Straps	300
Tethering System Set	302
Carabiner	303
An overview of our tools with tethering	304



00 50 50 T LE

KNIPEXTEND

For the connection of helpful extensions

TetheredTool Clips (TTCs) for attaching a
Tethered Tools fall protection









TetheredTool Clip



*Further information can be found on the pages 2 – 5



KNIPEXTEND

New handles from KNIPEX
Two KNIPEXtend interfaces for extensions*



Tethered Tool system: what fits – and what doesn't

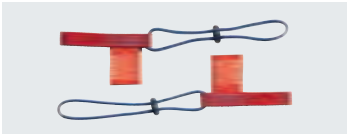
Compatibility with KNIPEX tools

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



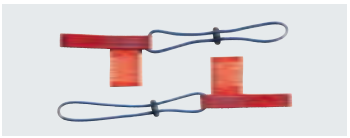
Tools max. 1.5 kg (3.3 lbs)



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



Adapter Strap 6.0 kg (13 lbs)
00 50 11 T



Tools max. 1.5 kg (3.3 lbs)



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



Article No.	⚖
00 50 01 T	1.5 kg (3.3 lbs)
00 50 02 T	1.5 kg (3.3 lbs)



Article No.	⚖
00 50 05 T	1.5 kg (3.3 lbs)
00 50 06 T	1.5 kg (3.3 lbs)



Article No.	⚖
00 50 10 T	6 kg (13 lbs)
00 50 11 T	6 kg (13 lbs)



Article No.	⚖
00 50 12 T	6 kg (13 lbs)
00 50 13 T	6 kg (13 lbs)

Lanyard

1.5 kg
Max. load

- 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 risks of tool loss, injury to living beings and damage to objects
> To meet regulations while working at heights, for example industrial climbing, arborists, rescue services, at sea, etc.
> Lanyard can be attached directly wih the cord 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
> No PPE (personal protective equipment): not suitable for personal safety!



00 50 01 T

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



00 50 05 T





Article 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 risks of tool loss, injury to living beings and 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 only 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: Lanyard 00 50 10 T, with fixed equipment carabiner 00 50 03 T

6.0 kg
Max. load



00 50 10 T



00 50 12 T









Article 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

1.5 kg
Max. load

- 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 risks of tool loss, injury to living beings and 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
> 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 fixed equipment carabiner 00 50 03 T



00 50 02 T



00 50 06 T





Article No.	EAN 4003773-	↔ 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

6.0 kg
Max. load

- 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 protecion

> Reduces the risks of tool loss, injury to living beings and 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 only 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!



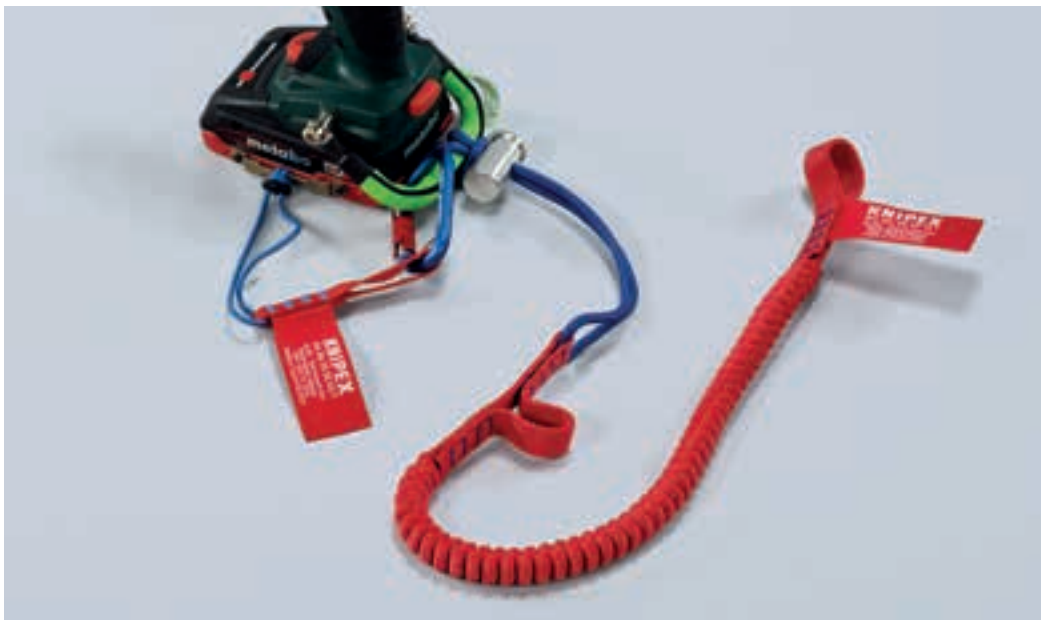
00 50 11 T



00 50 13 T

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 fixed equipment carabiner 00 50 03 T







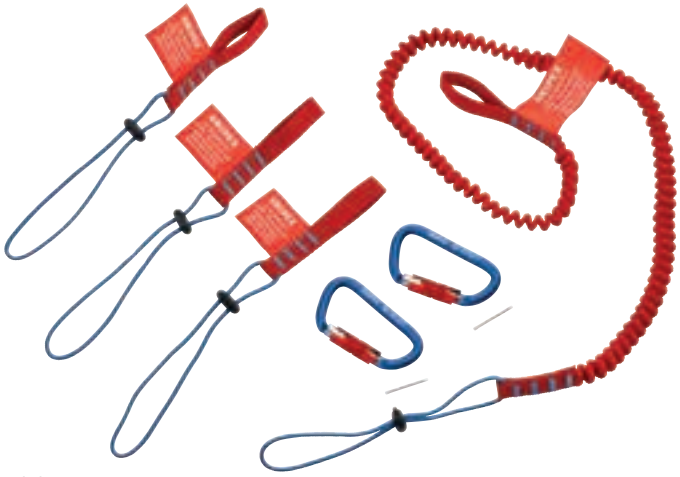
Article No.	EAN 4003773-	↔ Length relaxed mm	↔ Length stretched mm	Width mm	Height mm	Load capacity	⚖ g
00 50 11 T BK	088011	400	400	85	27	6 kg / 13.2 lbs	99
00 50 13 T BK	088035	186	186	85	27	6 kg / 13.2 lbs	13

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 risks of tool loss, injury to living beings and 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
> Max. load: 1.5 kg tool weight
> No PPE (personal protective equipment): not suitable for personal safety!



00 50 04 T



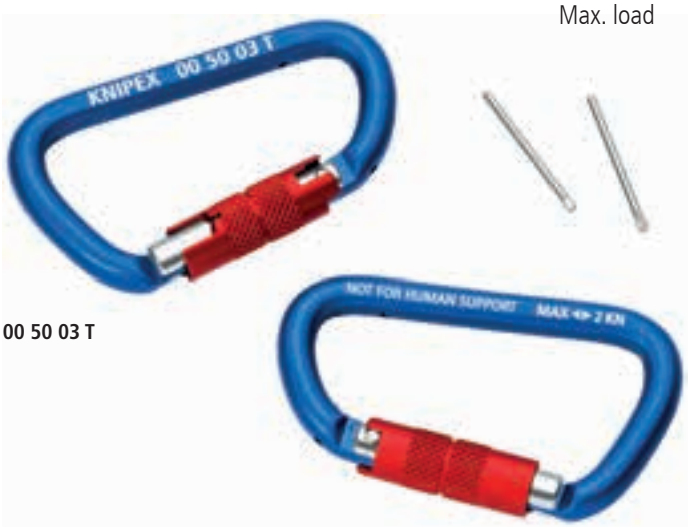
Article No.	EAN 4003773-	Contents	⚖ g
00 50 04 T BK	081388	1 x 00 50 01 T BK, 3 x 00 50 02 T BK, 2 x 00 50 03 T BK	123

Carabiner

6.0 kg
Max. load

- For reliable tool protection: holding capacity tested in numerous drop tests for tools up to 6 kg, even battery-operated tools
- Twistlock: prevents unintentional opening of the carabiner

> 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 due to high-strength aluminium
> Snapper opening: 16 mm
> Max. static payload in longitudinal direction when locked: 2 KN
> Contents: 2 carabiners, security pins
> No PPE (personal protective equipment): not suitable for personal safety!



00 50 03 T

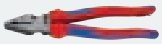
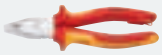




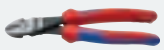


Article No.	EAN 4003773-	Length mm	Width mm	Height mm	Snapper opening mm	Load capacity	⚖ g
00 50 03 T BK	081371	82	46	12	16	2 KN	30

An overview of our tools with tethering

	Article No.	Description	Page
	**00 50 50 T LE**	Tool bag for working at heights, empty (small), suitable for KNIPEX Tethered Tools system	356 357
	**00 50 51 T LE**	Tool bag for working at heights, empty (big), suitable for KNIPEX Tethered Tools system	356 357
	**02 02 225 T** ⓘ	High Leverage Combination Pliers 35 % less effort required than with conventional combination pliers due to improved lever action	11
	**03 06 180 T**	Combination Pliers with gripping zones for flat and round material	10 217
	**08 22 145 T** ⓘ	Needle-Nose Combination Pliers universal pliers for all common repair jobs	12 218
	**08 26 145 T**		12 218
	**09 02 240 T** ⓘ	Lineman's Pliers 50 % less effort compared with conventional combination pliers; additional gripping zone below the joint for powerful leverage and pressing performance	15
	**09 12 240 T** ⓘ		15
	**11 06 160 T**	Insulation Stripper for single, multiple and fine stranded conductors with plastic or rubber insulation	26 219
	**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	19
	**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)	21
	**13 05 160 T** ⓘ	Electricians' Pliers the ideal pliers for cable work; for gripping, bending, cutting wire and crimping of wire ferrules	40
	**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	27 219

	Article No.	Description	Page
	**13 82 200 T** ⓘ	Pliers for Electrical Installation Multifunctional pliers for electrical installation; to grip flat and round material, for bending, deburring, cutting cable, stripping and crimping wire ferrules	42
	**13 96 200 T**		42 222
	**16 20 50 SB**	Folding Knife for Electricians universal folding cutter for everyday use; top quality, extremely sharp blade – Made in Solingen	39
	**25 06 160 T**	Snipe Nose Side Cutting Pliers for gripping and cutting work in precision mechanics; pointed, half-round jaws	55 223
	**26 12 200 T** ⓘ	Snipe Nose Side Cutting Pliers highly loadable, elastic precision tips; half-round, long jaws	56
	**26 15 200 T** ⓘ		56
	**26 16 200 T**		56 224
	**26 22 200 T** ⓘ		56
	**26 25 200 T** ⓘ		56
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	**38 35 200 T** ⓘ	Mechanics' Pliers high bending strength of the pliers tips	64
	**70 05 160 T** ⓘ	Diagonal Cutter narrow head style for use in confined areas; clean cutting also at cutting edge tips	96
	**70 05 180 T** ⓘ		96
	**70 06 160 T**		96 226
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	**71 22 200 T** ⓘ		106
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	**73 05 160 T** ⓘ	KNIPEX X-Cut® for very tough, continuous use, high cutting performance with less effort; large opening width for thicker cable; also for fine wire; compact, weight-saving design	99
	**73 06 160 T**		99 227
	**74 02 200 T** ⓘ	High Leverage Diagonal Cutters for heavy duty; high cutting performance with minimum effort	100
	**74 02 250 T** ⓘ		100
	**74 06 200 T**		100 227
	**74 06 250 T**		100 227
	**74 22 200 T** ⓘ		100
	**74 22 250 T** ⓘ		100
	**86 05 180 T** ⓘ	Pliers Wrench für die schonende Montage von oberflächenveredelten Armaturen; parallel geführte glatte Backen; adjustment by pushbutton	114
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	**87 02 250 T** ⓘ		122
	**87 02 300 T** ⓘ		122
	**87 26 250 T**	KNIPEX Cobra® VDE Push the button for adjustment on the workpiece: fast and comfortable handling	127 229
	**88 02 250 T** ⓘ	KNIPEX Alligator® Water Pump Pliers self-locking on pipes and nuts; box-joint design	128
	**88 02 300 T** ⓘ		128
	**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	170
	**95 12 165 T** ⓘ	Cable shears precision-ground, hardened blades: clean and smooth cut without crushing	167
	**95 16 165 T**		167 233
	**95 62 190 T** ⓘ	Wire Rope Cutter Blade geometry prevents the wire rope fanning out; 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	178
	**97 78 180 T**	Crimping Pliers for wire ferrules reliable crimping in 9 marked half-round dies with conical side faces	183 238

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 from 2025.

Details on the comfort handles can be found on page 2–5.

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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



00 19 72 XS LE

Article 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



Both tools are held securely in the practical tool bag due to a robust hook-and-loop fastener – and yet close at hand.

Article 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



00 19 75 LE





Article 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



Article 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 loop
> Dimensions (W x H x D): 75 x 180 x 55 mm



00 19 72 V01



00 20 72 V01



00 20 72 V02



00 20 72 V04



00 20 72 V06

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 19 72 V01	072768	Cable Tie Cutting Set					345
			79 02 125 S1	Precision Electronics Diagonal Cutter	150 mm	1	
			86 05 150 S02	Pliers Wrench with roughened jaws	150 mm	1	
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 wrench	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
		PATENTED	08 22 145	Needle-Nose Combination Pliers	150 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

Article 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
		1000 V	03 06 180	Combination Pliers	180 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
00 20 13	043287	VDE Tool Set					780
		1000 V	006110	Screwdrivers for slotted screws 160i	0.6 x 3.5 x 100 mm	1	
		1000 V	006120	Screwdrivers for slotted screws 160i	1.0 x 5.5 x 125 mm	1	
		1000 V	006154	Screwdrivers for cross recessed Phillips® screws 162i PH	PH2 x 100 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	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

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 20 12 V01	075523	Screwdriver Set					610
		⊖ 1000 V	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	
		⊕ 1000 V	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
		⊖ 1000 V	98 20 30	Screwdrivers for slotted screws	0.3 x 3 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 20 65 SL		1.2 x 6.5 x 150 mm	1	
		⊕ 1000 V	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
		⊕ 1000 V	98 24 00	Screwdriver for cross recessed screws Phillips®	PH0 x 60 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	
		✪ 1000 V	98 25 00	Screwdriver for cross recessed screws Pozidriv®	PZ 0 x 60 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 V04	082552	VDE Screwdriver Set Slotted / Phillips® / Pozidriv®					509
		✪ 1000 V	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	
		⊕ 1000 V	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	
		✪ 1000 V	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
		✪ 1000 V	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	
		⊕ 1000 V	98 24 01 SLS	Screwdriver (Slim) Plus/Minus Phillips®	PH/S 1x 80 mm	1	
			98 24 02 SLS		PH/S 2	1	
		✪ 1000 V	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

Article 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	



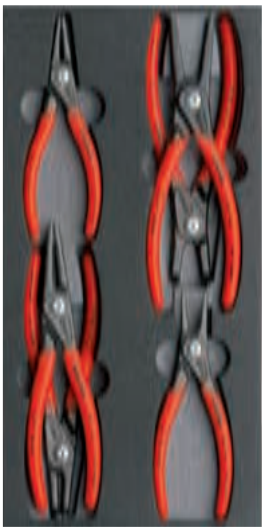


Pliers Sets

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

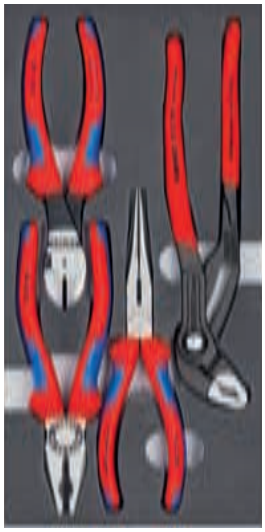




00 20 01 V02



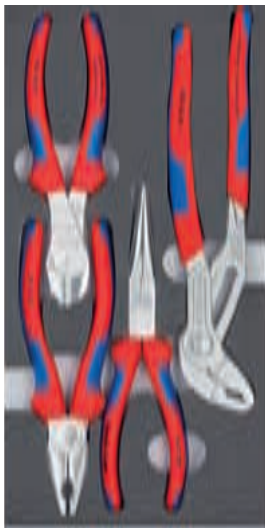
00 20 01 V09



00 20 01 V15



00 20 01 V16



00 20 01 V17

Article 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 V09	073291	Set of pliers in a foam tray					820
			48 11 J2	Precision Circlip Pliers for internal circlips in bore holes	Ø 19 – 60 mm	1	
		∠90°	48 21 J21		Ø 19 – 60 mm	1	
			49 11 A2	Precision Circlip Pliers for external circlips on shafts	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 Diagonal Cutter	180 mm	1	
			87 01 250	KNIPEX Cobra® High-Tech Water Pump Pliers	250 mm	1	
00 20 01 V16	081593	Set of pliers in a foam tray					850
		PATENTED	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					1225
			03 05 180	Combination Pliers	180 mm	1	
			26 15 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
			74 05 180	High Leverage Diagonal Cutter	180 mm	1	
			87 05 250	KNIPEX Cobra® High-Tech Water Pump Pliers	250 mm	1	

Electrical Installations Set



00 31 30 BK V01



00 31 30 BK V02



00 31 30 BK V03

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 31 30 BK V01	086574	Electrical Installations Set					540
		PATENTED 1000 V	13 86 200	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
00 31 30 BK V02	087892	Electrical Cutting Set					510
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
		1000 V	78 06 125	Electronic Super Knips VDE	125 mm	1	
		1000 V	95 16 160	KNIPEX StepCut® Cable Shears	Ø 15 mm / 50 mm²	1	
00 31 30 BK V03	087885	Electrical Set					618
		1000 V	11 06 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	

Extension Sets Electro

00 20 90 V01
Extension Set Electro 1, 10 parts

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 V01

00 20 90 V02
Extension Set Electro 2, 13 parts

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 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 common Precision Circlip Pliers for highest requirements; for internal and external circlips



00 20 03 SB



00 20 04 SB

Article 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	12.0 – 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	
			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	

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

Article 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	12.0 – 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	
			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	

Tool Roll

empty

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener



98 99 13 LE

Article No.	EAN 4003773-	Length mm	Height mm	⚖ g
98 99 13 LE	028888	850	305	325

Tool Roll

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener
> Equipped with a range of insulated KNIPEX tools for works on electrical installations
> Dimensions, open (L x H): 850 x 305 mm
> DIN EN 60900, IEC 60900



98 99 13

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
98 99 13	026648	Tool Roll					2715
		1000 V	03 07 200	Combination Pliers	200 mm	1	
		1000 V	11 07 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1	
		1000 V	26 17 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 07 160	Diagonal Cutter	160 mm	1	
		1000 V	95 17 200	Cable Shears with twin cutting edge	Ø 20 mm / 70 mm²	1	
		1000 V	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	
		1000 V	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	
		1000 V	98 52	Cable Knife	185 mm	1	
98 99 13 LE	028888	Tool Roll empty 15 pockets					

Tool Roll

empty

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener



00 19 41 LE

Article No.	EAN 4003773-	Length mm	Height mm	⚖ g
00 19 41 LE	035930	450	290	155

Tool Roll

> For telecommunications and electrical engineers
> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener
> Contains eight pliers and three scewdrivers
> 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

Article 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 4.0 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

> Tool roll made of hard-wearing polyester fabric
> With hook-and-loop fastener



00 19 55 S4 LE

Article No.	EAN 4003773-	Length mm	Height mm	⚖ g
00 19 55 S4 LE	077824	440,0	330,0	260
00 19 55 S6 LE	086482	320,0	320,0	220

Sets of Pliers Wrenches

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

- 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

> Tool roll made of hard-wearing polyester fabric
> With hook-and-loop fastener



00 19 55 S4



00 19 55 S6



00 19 55 S7

Article 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 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 roll-up bag made from durable polyester fabric
> With hook-and-loop fastener



00 19 55 S5 LE

Article 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 roll-up bag made from durable polyester fabric
> With hook-and-loop fastener



00 19 55 S5



00 19 55 S8



00 19 55 S9

Article 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

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener
> Dimensions, open (L x H): 315 x 275 mm

00 19 56 LE
> 4 compartments

00 19 58 LE
> 8 compartments



00 19 56 LE **00 19 58 LE**

Article No.	EAN 4003773-	Length mm	Height mm	⚖ g
00 19 56 LE	035954	315,0	275,0	171
00 19 58 LE	081920	615,0	235,0	281

Circlip Pliers Sets in roll case

4 parts

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener
> Dimensions, open (L x H): 315 x 275 mm



00 19 56 **00 19 57**



00 19 56 V01 **00 19 57 V01**

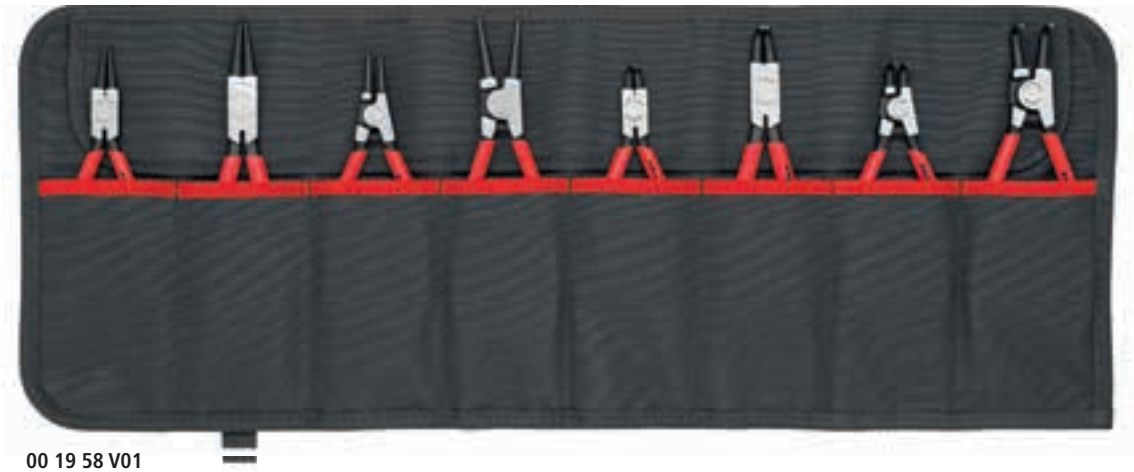
Article No.	EAN 4003773-				Style	Capacity Ø mm	Tips Ø mm	Quantity	⚖ g
00 19 56	030973	Set of Circlip Pliers							720
		↻	44 11 J2	Circlip Pliers for internal circlips in bore holes	DIN 5256 C, straight jaws	19.0 – 60.0	1.8	1	
		↻ ∡90°	44 21 J21		DIN 5256 D; 90° angled jaws	19.0 – 60.0	1.8	1	
		↺ ⋀⋀	46 11 A2	Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	19.0 – 60.0	1.8	1	
		↺ ⋀⋀ ∡90°	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 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 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	19.0 – 60.0	1.8	1	
		↻ ∡90°	48 21 J21		DIN 5256 D; 90° angled jaws	19.0 – 60.0	1.8	1	
		↺ ⋀⋀	49 11 A2	Precision Circlip Pliers for external circlips on shafts	DIN 5254 A; straight jaws	19.0 – 60.0	1.8	1	
		↺ ⋀⋀ ∡90°	49 21 A21		DIN 5254 B; 90° angled jaws	19.0 – 60.0	1.8	1	
00 19 56 LE	035954	Tool Bag empty 4 compartments							

Circlip Pliers Sets in roll case

8 parts

> Tool roll made of hard-wearing polyester fabric
> With practical, adjustable quick release fastener





00 19 58 V01



00 19 58 V02

Article 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	
		○ ∠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	
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	12.0 – 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	
00 19 58 LE	081920	Tool Bag empty 8 compartments							

Tool Roll

for tweezers

> High-quality roll-up bag made from durable polyester fabric

00 19 92 V01 LE
> 5 compartments

00 19 92 V02 LE
> 7 compartments

Article No.	EAN 4003773-	Width mm	Height mm	Depth mm	g
00 19 92 V01 LE	087229	200.0	90.0	30.0	100
00 19 92 V02 LE	087236	200.0	90.0	30.0	100



00 19 92 V02 LE

Precision Tweezers Set

5 parts

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

> 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 05 ESD
Plastic Tweezers Set ESD
> DIN EN 61340 -5-1

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 02

Article 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	
		∡35°	92 38 75 ESD		1	
			92 58 74 ESD		1	
92 00 02	087021	Precision Tweezers Set				175
			92 21 01	Precision Tweezers	1	
			92 21 02		1	
			92 21 03		1	
		∡45°	92 31 01		1	
			92 51 01		1	
92 00 03	087045	SMD Precision Tweezers Set				174
		∡45°	92 01 01	SMD Precision Tweezers	1	
		∡35°	92 01 02		1	
			92 01 03		1	
		∡45°	92 01 04		1	
		∡30°	92 02 54		1	
92 00 04	087052	Universal Tweezers Set insulated				275
		1000 V	92 27 61	Universal Tweezers insulated	1	
		1000 V	92 27 62		1	
		1000 V ∡30°	92 37 64		1	
			92 47 01		1	
		1000 V	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	
		∡45°	92 09 03 ESD		1	
			92 09 04 ESD		1	
			92 09 05 ESD		1	
00 19 92 V02 LE	087236	Tool Roll for tweezers 7 compartments				

Tool Bag

with 6 elastic loops

> Case made of hard-wearing polyester fabric, pliers are held by elastic band, zippered



00 20 16 LE

Article No.	EAN 4003773-	Exterior width	Exterior height	Exterior depth	⚖ g
00 20 16 LE	022411	215	160	50	120

Electronics Pliers Sets

with tools for work on electronic components

> 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 electronics screwdrivers, ESD 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

Article No.	EAN 4003773-	Designation	⚖ 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 / screwdrivers 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 / screwdrivers 0.4 x 2.5 / 0.5 x 3.0 / 0.6 x 3.5 / 0.8 x 4.0 / PH0 / PH1	465

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: 15 kg
- Volume: 18 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 15 kg





FIDLOCK® adapter with fabric loop





Carabiners or FIDLOCK® adapters can be attached to the MOLLE straps and combined in almost any way



Over 50 tool holders, you can store up to 15 kg of tools neatly, reliably and always within easy reach.



Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	⚖ g
00 21 50 LE	089056	370 (340)	530 (470)	210 (190)	3557

FIDLOCK® connector to reinforce the support system





The luggage strap allows convenient attachment to telescopic handles of tool cases

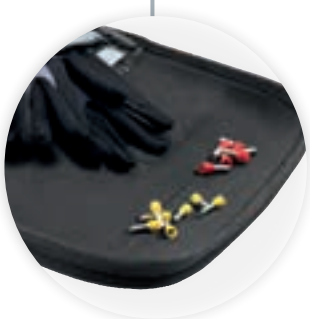




Separate laptop compartment



Removable, half-height tool panel



Small parts tray



Lockable zippers



Adjustable opening width

Tool backpack Modular X18 Electric

22 parts

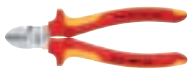
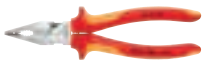
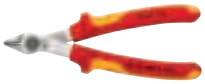
- Equipped with 16 KNIPEX tools, a total of 22 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the backpack, see page 324–325



00 21 50 E

Content

00 11 01 KNIPEX		70 06 160 KNIPEX					
08 26 185 KNIPEX		78 06 125 KNIPEX		98 25 01 SLS KNIPEX		Wera 9 parts	
12 52 195 KNIPEX		90 22 10 KNIPEX		98 20 35 SL KNIPEX		Lyra	
13 86 200 KNIPEX		97 53 14 KNIPEX		98 20 55 SL KNIPEX		Picard	
16 95 01 KNIPEX		98 25 01 SL KNIPEX		98 52 KNIPEX		Stabila	
26 26 200 KNIPEX		98 25 02 SL KNIPEX		KNIPEX		Stabila	

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 50 E	089063	Tool backpack Modular X18 Electric						6600
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Keys	KNIPEX	92 mm	1	
		PATENTED 1000 V	08 26 185	Needle-Nose Combination Pliers		185 mm	1	
			12 52 195	KNIPEX PreciStrip16 Automatic Insulation Stripper		0.08–16 mm²	1	
		1000 V	13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0–13.0 mm	1	
		40° 1000 V	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		1000 V	70 06 160	Diagonal Cutter		160 mm	1	
		1000 V	78 06 125	Electronic Super Knips		125 mm	1	
			90 22 10 BK	KNIPEX BiX Cutter for plastic pipes and sealing sleeves		72 mm	1	
		PATENTED	97 53 14	Self-Adjusting Crimping Pliers for wire ferrules with lateral access		0.08 – 16 mm²	1	
		1000 V	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	
		1000 V	98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ1 x 80 mm	1	
			98 25 02 SL			PZ2 x 100 mm		
		1000 V	98 25 01 SLS	Screwdriver (Slim) Plus/Minus Pozidriv®		PZ/S1 x 80 mm	1	
		1000 V	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	Stabila	68 mm	1	
				Spirit level type 70		30 cm	1	
00 21 50 LE	089056	KNIPEX Modular X18 empty						

Tool backpack Modular X18 Plumbing

17 parts

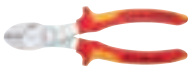
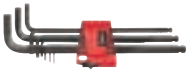
- Equipped with 12 KNIPEX tools, a total of 17 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the backpack, see page 324–325



00 21 50 S

Content

00 11 01 KNIPEX		90 31 02 KNIPEX		KNIPEX		Picard	
74 06 180 KNIPEX		90 22 10 KNIPEX		Wera 9 Parts		Stabila	
86 03 300 KNIPEX		98 24 01 SL KNIPEX		Lyra			
87 01 180 KNIPEX		98 24 02 SL KNIPEX					
87 01 300 KNIPEX		98 20 35 SL KNIPEX					
90 10 165 KNIPEX		98 20 55 SL KNIPEX					

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 21 50 S	089070	Tool backpack Modular X18 Plumbing					6550
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Keys	92 mm	1	
		1000 V	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	
		1000 V	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	
		1000 V	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		1
				Locksmith's hammer	Picard	300 g	1
				Spirit level type 70	Stabila	30 cm	1
00 21 50 LE	089056	KNIPEX Modular X18 empty					

Tool Case “Basic”

empty

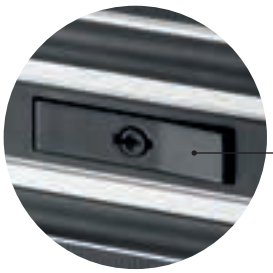
- With a total of 41 inserting options
- Max. payload: 15 kg
- Volume: 27 litres

> 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-fall 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 metall tilting locks and three-digit combination lock for secure closing of the lid
> Label field with two stickers for individual labelling

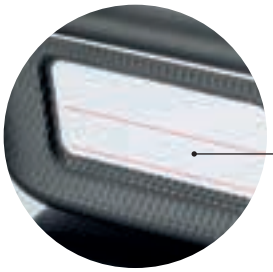


Tool boards made from dirt-repellent PP twin-wall sheets





Two metal flip locks



Label field for individual labelling

00 21 05 LE
Case without tools



Three-digit combination lock



Base tray with separable inserts



Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	⚖ g
00 21 05 LE	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 tool 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 328



00 21 05 EV

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 21 05 EV	089025	Tool Case “Basic” E-Mobility					7500
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
		1000 V	86 06 250	Pliers Wrench	250 mm	1	
		1000 V	98 00 08	Open-end wrench	8 mm	1	
			98 00 09		9 mm	1	
			98 00 10		10 mm	1	
			98 00 11		11 mm	1	
			98 00 12		12 mm	1	
			98 00 13		13 mm	1	
		1000 V	98 20 35	Screwdrivers for slotted screws	0.6 x 3.5 x 100 mm	1	
			98 20 65		1.2 x 6.5 x 150 mm	1	
		1000 V	98 24 01	Screwdriver for cross recessed screws Phillips®	PH1 x 80 mm	1	
			98 24 02		PH2 x 100 mm	1	
			98 24 03		PH3 x 150 mm	1	
		1000 V	98 29 25	KNIPEX Socket 3/8" for TX25	3/8" / TX25	1	
			98 29 27	KNIPEX Socket 3/8" for TX27	3/8" / TX27	1	
			98 29 30	KNIPEX Socket 3/8" for TX30	3/8" / TX30	1	
			98 29 40	KNIPEX Socket 3/8" for TX40	3/8" / TX40	1	
			98 29 45	KNIPEX Socket 3/8" for TX45	3/8" / TX45	1	
			98 29 50	KNIPEX Socket 3/8" for TX50	3/8" / TX50	1	
			98 31	Reversible Ratchet with driving square 3/8"	3/8"	1	
			98 35 125	Extension Bar with internal/external square 3/8"	3/8"	1	
			98 35 250		3/8"	1	
			98 37 10	Hexagon Socket for hexagonal screws with internal square 3/8"	10 mm	1	
			98 37 11		11 mm	1	
			98 37 12		12 mm	1	
			98 37 13		13 mm	1	
		1000 V	98 62 01	Plastic Flat Nose Pliers insulating	180 mm	1	
		1000 V	98 62 02	Plastic Snipe Nose Pliers insulating	220 mm	1	
		1000 V	98 65 41	Electricians' Gloves insulated	410 mm	1	
		1000 V	98 66 30	Self-Clamping Slip-On Cap	Ø 30 mm	1	
			98 66 40		Ø 40 mm	1	
			98 66 50		Ø 50 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-fall 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



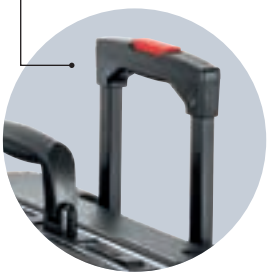
Tool boards made from dirt-repellent PP twin-wall sheets



00 21 06 LE
Case without tools



Base tray with separable inserts



Extendable telescopic handle



Smooth-running skater wheels





Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	⚖ g
00 21 06 LE	057512	515 (480)	430 (350)	280 (200)	6200

Tool Case “BIG Basic Move” Electric

24 parts

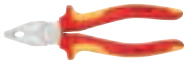
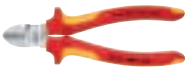
- Equipped with six KNIPEX tools, a total of 24 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 330



00 21 06 HL S

Content

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	

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 06 HL S	084235	Tool Case “BIG Basic Move” Electric						10425
		1000 V	03 06 180	Combination Pliers	KNIPEX	180 mm	1	
		1000 V	11 06 160	Insulation Stripper		Ø 5.0 mm / 10.0 mm²	1	
			16 20 165 SB	Stripping Tool with scalpel blade		Ø 8.0 – 28.0 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		1000 V	70 06 160	Diagonal Cutter		160 mm	1	
		1000 V	98 52	Cable Knife		185 mm	1	
				Voltage detector, single-pole 247	Wera	0.5 x 3.0 x 70 mm	1	
		1000 V		Screwdrivers for slotted screws 1160i		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	
		1000 V		Screwdrivers for cross recessed Phillips® screws 1162i		PH1 x 80 mm	1	
						PH2 x 100 mm	1	
		1000 V		Screwdrivers for cross recessed Pozidriv® screws 1165i		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	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 Chise		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						

Tool Case “BIG Basic Move” ElectricPlus

68 parts

- Equipped with 27 KNIPEX tools, a total of 68 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 330



00 21 06

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 06	086260	Tool Case “BIG Basic Move” ElectricPlus						11590
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Keys	KNIPEX	92 mm	1	
		PATENTED 1000 V	08 26 145	Needle-Nose Combination Pliers		145 mm	1	
			12 52 195	KNIPEX PreciStrip16 Automatic Insulation Stripper		0.08–16 mm²	1	
		1000 V PATENTED	13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0–13.0 mm	1	
		40° 1000 V	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		1000 V	70 06 160	Diagonal Cutter		160 mm	1	
			74 06 200	High Leverage Diagonal Cutter		200 mm	1	
		1000 V	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	
		1000 V	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 40 SL			0.8 x 4.0 x 100 mm	1	
			98 20 55 SL			1.0 x 5.5 x 125 mm	1	
		1000 V	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	
		1000 V	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	
		1000 V	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	
		1000 V	98 26 10	Screwdrivers for Torx® screws		TX10 x 80 mm	1	
			98 26 15			TX15 x 80 mm	1	
			98 26 20			TX20 x 80 mm	1	
			98 26 25			TX25 x 100 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	
				Electrician’s Chise	Rennsteig	250 x 10 mm	1	
				Spirit level type 70 Electric	Stabila	430 mm	1	
				Pocket Electric mini spirit level		68 mm	1	
				Folding ruler Stabila series 400		2000 mm	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 330



00 21 06 HK S

Content

70 06 160 KNIPEX		Wera 9 Parts		Picard		Stabila	
86 03 250 KNIPEX		Haunstätter		Picard		Stabila	
88 01 250 KNIPEX		Heyco		Picard		Stabila	
88 01 300 KNIPEX		Heyco		Rennsteig		Zenten	
Wera 5 x		Picard		Ruthe			

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 06 HK S	084266	Tool Case “BIG Basic Move” Plumbing						10855
		1000 V	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	
				Set of hex key wrenches	Wera	1.5–10 mm	1	
		1000 V		Screwdrivers for slotted screws 1160i		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	
		1000 V		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	
				Painter's spatula 40 mm, wood		40 mm	1	
				Electrician’s Chise	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	
				Folding ruler Stabila series 400		2000 mm	1	
				Pipe cutter	Zenten	3–35 mm / 1/8–1 1/2"	1	
00 21 06 LE	057512	Tool Case “BIG Basic Move” empty						

Tool Case "BIG Basic Move" Mechanic

90 parts

- Equipped with 12 KNIPEX Tools, a total of 90 brand tools

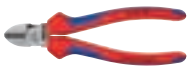
For further benefits of the case, see page 330



00 21 06 M

Article No.	EAN 4003773-				Nominal size	Quantity	g
00 21 06 M	086222	Tool Case "BIG Basic Move" Mechanic					12800
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Keys	92 mm	1	
			16 20 50 SB	Folding Knife for Electricians	120 mm	1	
		PATENTED	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	
		40°	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	
				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	
				Slotted chisel slotted screws 932 A	1.0 x 5.5 x 100 mm	1	
					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	6/8/10/11/12/13/14/15/16/17/18/19 mm	1	
				Locksmith's hammer	300 g	1	
				Pin punch set	Ø 3 mm/4 mm/5 mm/6 mm/8 mm/10 mm	1	
				Automatic punch	130 mm	1	
				Wooden folding rule type 1607, white	2000 mm	1	
				Spirit level type 70TM	22 cm	1	
00 21 06 LE	057512	Tool Case "BIG Basic Move" empty					

Content

00 11 01 KNIPEX		70 02 160 KNIPEX		86 01 250 KNIPEX		Picard	
16 20 50 KNIPEX		71 31 200 KNIPEX		Wera 9 Parts		Rennsteig	
16 95 01 KNIPEX		74 02 200 KNIPEX		Wera 28 Parts		Rennsteig	
26 12 200 KNIPEX		78 61 140 KNIPEX		Wera 22 x		Stabila	
26 22 200 KNIPEX		86 01 250 KNIPEX		Heyco		Stabila	

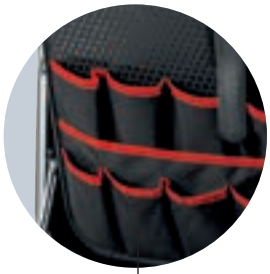


Tool Case “BIG Twin”

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





Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	⚖ g
00 21 42 LE	084211	520 (490)	435 (370)	250 (110/100)	7200

Tool Case “BIG Twin” Electric

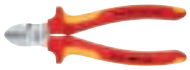
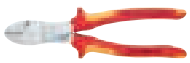
- Equipped with 14 KNIPEX tools, a total of 63 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 336



Content

00 21 42

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 SL 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	

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 42	084228	Tool Case “BIG Twin” Electric						11550
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Key	KNIPEX	92 mm	1	
		PATENTED 1000 V	08 26 145	Needle-Nose Combination Pliers		145 mm	1	
			12 52 195 SB	KNIPEX PreciStrip16 Automatic Insulation Stripper		0.08 - 16 mm²	1	
		PATENTED 1000 V	13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
		40° 1000 V	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		1000 V	70 06 160	Diagonal Cutter		160 mm	1	
			74 06 200	High Leverage Diagonal Cutter		200 mm	1	
			86 03 180	Pliers Wrench pliers and a wrench in a single tool		180 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers		180 mm	1	
		PATENTED	97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access		0.08 – 10 + 16 mm²	1	
		1000 V	98 20 35 SL	Screwdriver (Slim) for slotted screws		0.6 x 3.5 x 100 mm	1	
		1000 V	98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®		PZ1 x 80 mm	1	
		1000 V	98 52	Cable Knife		185 mm	1	
				Joker open-end wrench	Wera	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 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

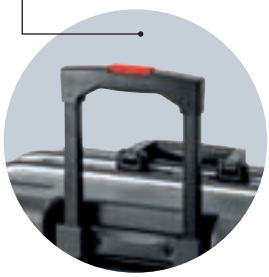
> Base tray, can be fixed by a push button, 70 mm high, can be subdivided by inserts, cover board with 13 tool pockets
> Free-standing in all opening positions due to snap-in cover holders with hinge mechanism on both sides, angle freely adjustable
> Removable document compartment and removable tool 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 340



Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	⚖ g
00 21 41 LE	071549	520 (490)	435 (370)	290 (110/100)	8600

Tool Case “BIG Twin Move” Electric

63 parts

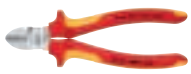
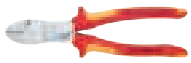
- Equipped with 14 KNIPEX tools, a total of 63 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 338



00 21 41

Content

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 SL 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	

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 21 41	082118	Tool Case “BIG Twin Move” Electric					12960
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Key	92 mm	1	
		PATENTED 1000 V	08 26 145	Needle-Nose Combination Pliers	145 mm	1	
			12 52 195 SB	KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08 – 16 mm²	1	
		PATENTED 1000 V	13 86 200	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1	
		40° 1000 V	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
			74 06 200	High Leverage Diagonal Cutter	200 mm	1	
			86 03 180	Pliers Wrench pliers and a wrench in a single tool	180 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1	
		PATENTED	97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	1	
		1000 V	98 20 35 SL	Screwdriver (Slim) for slotted screws	0.6 x 3.5 x 100 mm	1	
		1000 V	98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®	PZ1 x 80 mm	1	
		1000 V	98 52	Cable Knife	185 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	300 g	1	
				Electrician’s Chisel	250 x 10 mm	1	
				Spirit Level Type 70 Electric	430 mm	1	
				Pocket Electric mini spirit level	68 mm	1	
00 21 41 LE	071549	Tool Case “BIG Twin Move” empty					

Toolbox "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
> IEC 60900, DIN EN 60900



98 99 15 LE

Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	⚖ g
98 99 15 LE	084334	520 (490)	435 (370)	290 (110)	8600

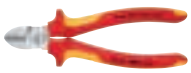
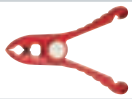
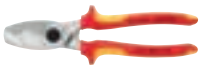
Toolbox "BIG Twin Move RED" Electric Competence

- 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

Content

70 06 160 KNIPEX		98 00 XX 6 x KNIPEX		98 47 XX 9 x KNIPEX		98 25 02 SLS KNIPEX	
08 26 145 KNIPEX		98 01 XX 6 x KNIPEX		98 64 02 6 x KNIPEX		98 24 XX SL 2 x KNIPEX	
11 06 160 KNIPEX		98 42 KNIPEX		98 20 25 KNIPEX		98 52 KNIPEX	
87 26 250 KNIPEX		98 40 KNIPEX		98 20 XX SL 3 x KNIPEX		98 53 03 KNIPEX	
95 16 200 KNIPEX		98 45 XXX 2 x KNIPEX		98 25 XX SL 2 x KNIPEX			

Article No.	EAN 4003773-			Nominal size	Quantity	⚖ g
98 99 15	084341	Toolbox "BIG Twin Move RED" Electric Competence				15095
		PATENTED 1000 V	08 26 145	Needle-Nose Combination Pliers	145 mm	1
		1000 V	11 06 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1
		1000 V	70 06 160	Diagonal Cutter	160 mm	1
		1000 V	95 16 200	Cable Shears with twin cutting edge	Ø 20 mm / 70 mm²	1
		1000 V	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
		1000 V	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 4.0 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
		1000 V	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
		1000 V	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
		1000 V	98 25 02 SLS	Screwdriver (Slim) Plus/Minus Pozidriv®	PZ/S2 x 100 mm	1
		1000 V	98 40	T-Handle Drive with driving square 1/2"	165 mm	1
			98 42	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
		1000 V	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
		1000 V	98 52	Cable Knife	185 mm	1
			98 53 03	Stripping Knife	155 mm	1
		1000 V	98 64 02	Insulating clamps plastic	150 mm	6
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 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

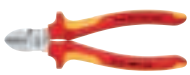
- Equipped with 25 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 342



00 21 35

Content

12 40 200 KNIPEX		70 06 160 KNIPEX		98 52 KNIPEX	
13 86 200 KNIPEX		87 01 180 KNIPEX		Wera 16 Parts	
16 95 01 KNIPEX		97 53 04 KNIPEX		Stabila	

Article No.	EAN 4003773-				Nominal size	Quantity	g
00 21 35	084365	Tool Case “Robust23” Electric					6775
			12 40 200	Self-Adjusting Insulation Stripper	0.03 – 10.0 mm²	1	
		PATENTED 1000 V	13 86 200	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1	
		PATENTED	97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	1	
		1000 V	98 52	Cable Knife	185 mm	1	
		1000 V		Kraftform Compact VDE 16 Slim	Wera	1	
				Folding ruler Stabila series 400	Stabila	200 mm	1	
00 21 35 LE	077596	Tool Case „Robust23“ empty					

Tool Case "Robust26 Move" Electric

22 parts

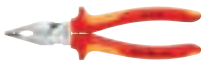
- Equipped with 16 KNIPEX tools, a total of 22 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 342



00 21 33 E

Content

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 9 Parts			

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 33 E	089094	Tool Case "Robust26 Move" Electric						10100
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Keys	KNIPEX	92 mm	1	
		PATENTED 1000 V	08 26 185	Needle-Nose Combination Pliers		185 mm	1	
			12 52 195	KNIPEX PreciStrip16 Automatic Insulation Stripper		0.08–16 mm²	1	
		1000 V	13 86 200	Pliers for Electrical Installation		Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0–13.0 mm	1	
		40° 1000 V	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		1000 V	70 06 160	Diagonal Cutter		160 mm	1	
		1000 V	78 06 125	Electronic Super Knips		125 mm	1	
			90 22 10 BK	KNIPEX BiX Cutter for plastic pipes and sealing sleeves		72 mm	1	
		PATENTED	97 53 14	Self-Adjusting Crimping Pliers for wire ferrules with lateral access		0.08 – 16 mm²	1	
		1000 V	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	
		1000 V	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	
		1000 V	98 25 01 SLS	Screwdriver (Slim) Plus/Minus Pozidriv®		PZ/S1 x 80 mm	1	
		1000 V	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	Stabila	68 mm	1	
				Spirit level type 70		30 cm	1	
00 21 33 LE	057543	Tool Case "Robust26 Move" empty						

Tool Case "Robust26 Move" Plumbing

17 parts

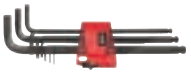
- Equipped with 12 KNIPEX tools, a total of 17 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 342



00 21 33 S

Content

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			

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 21 33 S	089100	Tool Case "Robust26 Move" Plumbing					9700
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Keys	92 mm	1	
		1000 V	74 06 180	High Leverage Diagonal Cutter	180 mm	1	
			86 03 300	Pliers Wrench pliers and a wrench in a single tool	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	
		1000 V	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	
		1000 V	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	2.000 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 342



00 21 36



Content

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			

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
00 21 36	082583	Tool Case “Robust34” Electric					8810
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Key	92 mm	1	
		PATENTED 1000 V	08 26 145	Needle-Nose Combination Pliers	145 mm	1	
			12 40 200	Self-Adjusting Insulation Stripper	0.03 – 10.0 mm²	1	
		PATENTED 1000 V	13 86 200	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1	
		PATENTED	97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	1	
		1000 V	98 52	Cable Knife	185 mm	1	
		1000 V		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

63 parts

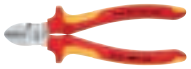
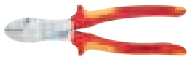
- Extensively equipped with 63 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 342



00 21 37

Content

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 SB KNIPEX		74 06 200 KNIPEX		98 2X XX SL 2 x KNIPEX		Rennsteig	
13 86 200 KNIPEX		86 03 180 KNIPEX		Wera 28 Parts		Stabila	
16 95 01 KNIPEX		87 01 180 KNIPEX		Wera 16 Parts		Stabila	

Article No.	EAN 4003773-				Nominal size	Quantity	g
00 21 37	082606	Tool Case “Robust34” Electric					14770
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Key	92 mm	1	
		PATENTED 1000 V	08 26 145	Needle-Nose Combination Pliers	145 mm	1	
			12 52 195 SB	KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08 – 16 mm²	1	
		PATENTED 1000 V	13 86 200	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1	
		40° 1000 V	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
			74 06 200	High Leverage Diagonal Cutter	200 mm	1	
			86 03 180	Pliers Wrench pliers and a wrench in a single tool	180 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1	
		PATENTED	97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	1	
		1000 V	98 20 35 SL	Screwdriver (Slim) for slotted screws	0.6 x 3.5 x 100 mm	1	
		1000 V	98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®	PZ1 x 80 mm	1	
		1000 V	98 52	Cable Knife	185 mm	1	
		1000 V		Kraftform Compact VDE 16 Slim		1	
				Joker open-end wrench	10 x 13 mm	1	
				8100 SA 8 Zyklop set of metal ratchets 28 parts	1/4"	1	
				Locksmith's hammer	300 g	1	
				Electrician’s Chisel	250 x 10 mm	1	
				Spirit Level Type 70 Electric	430 mm	1	
				Pocket Electric mini spirit level	68 mm	1	
00 21 37 LE	082590	Tool Case “Robust34” 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 342



00 21 37 M

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 37 M	086239	Tool Case "Robust45 Move" Mechanic						17400
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Keys	KNIPEX	92 mm	1	
			16 20 50 SB	Folding Knife for Electricians		120 mm	1	
		PATENTED	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	
		40°	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	
				Set of hex key wrenches	Wera	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	
				Slotted chisel slotted screws 932 A		1.0 x 5.5 x 100 mm	1	
						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 mmm	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	
				Wooden folding rule type 1607, white	Stabila	2000 mm	1	
				Spirit level type 70TM		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





Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) depth mm	⚖ g
00 21 20 LE	044567	480 (460)	180 (170)	370 (310)	4485

Tool Case “Vision24” Electric

20 parts

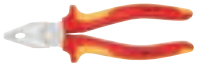
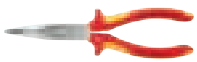
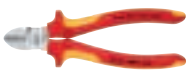
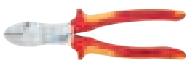
- With 20 brand tools, partly VDE tested according to DIN EN/IEC 60900

For further benefits of the case, see page 349



00 21 20

Content

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		95 16 2008 x KNIPEX			
26 16 200 KNIPEX		86 03 180 KNIPEX		98 52 KNIPEX			

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 20	052166	Tool Case “Vision24” Electric						7055
		1000 V	03 06 180	Combination Pliers	KNIPEX	180 mm	1	
			12 40 200	Self-Adjusting Insulation Stripper		0.03 – 10.0 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		40° 1000 V	26 26 200			200 mm	1	
		1000 V	70 06 160	Diagonal Cutter		160 mm	1	
			74 06 200	High Leverage Diagonal Cutter		200 mm	1	
			86 03 180	Pliers Wrench pliers and a wrench in a single tool		180 mm	1	
			87 03 250	KNIPEX Cobra® High-Tech Water Pump Pliers		250 mm	1	
		1000 V	95 16 200	Cable Shears with twin cutting edge		Ø 20 mm / 70 mm²	1	
		1000 V	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	
		1000 V	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	
		1000 V	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	
		1000 V	98 52	Cable Knife		185 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

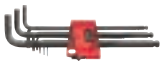
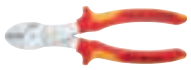
- Equipped with 52 brand quality tools, some VDE tested according to DIN EN 60900

For further benefits of the case, see page 349



00 21 21 HK S

Content

00 11 01 KNIPEX		87 03 250 KNIPEX					
26 16 200 KNIPEX		Wera 9 Parts					
74 06 200 KNIPEX		Wera 28 Parts		Wera 9 x		Picard	
86 03 250 KNIPEX		Wera		Heyco		Rennsteig	
87 03 250 KNIPEX		Wera		Heyco		Stabila	

Article No.	EAN 4003773-					Nominal size	Quantity	g
00 21 21 HK S	080671	Tool Case “Vision27” Plumbing						9965
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Keys	KNIPEX	92 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		1000 V	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	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	
		1000 V		Screwdrivers for slotted screws 160i		0.6 x 3.5 x 100 mm	1	
						1.0 x 5.5 x 125 mm	1	
		1000 V		Screwdriver, Kreuzschlitz Phillips® 162i PH		PH1 x 80 mm	1	
						PH2 x 100 mm	1	
		1000 V		Screwdrivers for Torx® screws 167 i		TX15 x 80 mm	1	
						TX20 x 80 mm	1	
						TX25 x 100 mm	1	
				Slotted chisel slotted screws 932 A		1.2 x 7.0 x 125	1	
						1.6 x 9.0 x 150	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	
				Spirit level type 70	Stabila	30 cm	1	

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

Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) 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

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 02 EL	081951	Tool Bag “Classic” Electric						6820
		1000 V	03 06 180	Combination Pliers	KNIPEX	180 mm	1	
		1000 V	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	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool		Ø 8.0 – 13.0 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		160 mm	1	
		1000 V	70 06 160	Diagonal Cutter		160 mm	1	
			98 20 25	Screwdrivers for slotted screws		0.4 x 2.5 x 75 mm	1	
		1000 V	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	
		1000 V	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	
		1000 V	98 52	Cable Knife		185 mm	1	
				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	
				Metre ruler (yardstick)	Picard	2 m	1	
				Flat brush		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						

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

Article 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







Article No.	EAN 4003773-	Dimension exterior width mm	Dimension exterior height mm	Dimension exterior depth mm	⚖ g
00 21 08 LE	077787	480	400	300	2800

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

Article No.	EAN 4003773-	Dimension exterior width mm	Dimension exterior height mm	Dimension exterior depth mm	⚖ g
00 21 10 LE	074472	440	180	320	2700

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



00 21 11 LE



Article No.	EAN 4003773-	Dimension exterior width mm	Dimension exterior height mm	Dimension exterior depth mm	⚖ g
00 21 11 LE	077718	410	60	290	450

Tool Bag "Compact" Electric

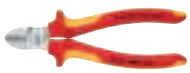
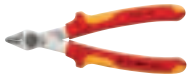
- Equipped with 12 KNIPEX tools, a total of 12 brar tools, partly VDE-tested according to DIN EN 609(
- With a total of 15 inserting options

> 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 "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

Content

12 40 200 KNIPEX		70 06 160 KNIPEX		97 53 04 KNIPEX	
13 86 200 KNIPEX		78 06 125 KNIPEX		98 20 35 SL KNIPEX	
16 95 01 KNIPEX		87 01 250 KNIPEX		98 52 KNIPEX	

Article No.	EAN 4003773-			Nominal size	Quantity	g
00 21 11	084532	Tool Bag "Compact" Electric				2975
		12 40 200	Self-Adjusting Insulation Stripper	0.03 – 10.0 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	
		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 mm²	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		PZ2 x 100 mm	1	
		98 52	Cable Knife	185 mm	1	
00 21 11 LE	077718	Tool Bag "Compact" empty				

Tool bags for working at heights

Reliable companion: keep tools and accessories protected and perfectly organised when climbing

- 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.
> When working at heights, all transported objects must be individually secured to the bag using suitable tethers, for example with the drop protection set 00 50 04 T BK
> No PPE (personal protective equipment): not suitable for personal safety!

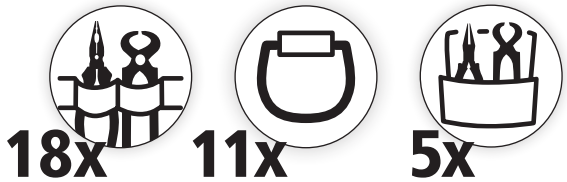
00 50 50 T LE

> 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 H x W x D approx. 370 x 250 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 H x W x D approx. 470 x 250 x 150 mm, weight when empty approx. 1600 g
> Independently certified safety: reliably loadable up to 15 kg

Double-tested safety according to ANSI ISEA 121-2018 and by the independent test laboratory VPA Remscheid



00 50 50 T LE



00 50 51 T LE





Document/laptop compartment



Pocket for e.g. water bottle

Article No.	EAN 4003773-	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. load: 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
Box empty, with Tool card



00 21 19 LB LE
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

Article No.	EAN 4003773-		Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) 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

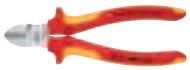
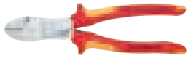
- Equipped with 14 KNIPEX tools, a total of 63 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 358



00 21 19 LB E

Content

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	

Article No.	EAN 4003773-				Nominal size	Quantity	g
00 21 19 LB E	081623	KNIPEX L-BOXX® Electric					7495
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Key	92 mm	1	
		PATENTED 1000 V	08 26 145	Needle-Nose Combination Pliers	145 mm	1	
			12 52 195 SB	KNIPEX PreciStrip16 Automatic Insulation Stripper	0.08 - 16 mm²	1	
		PATENTED 1000 V	13 86 200	Pliers for Electrical Installation	Ø 15 mm / 50 mm²	1	
		PATENTED	16 95 01 SB	KNIPEX ErgoStrip® Universal Stripping Tool	Ø 8.0 – 13.0 mm	1	
		40° 1000 V	26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	70 06 160	Diagonal Cutter	160 mm	1	
			74 06 200	High Leverage Diagonal Cutter	200 mm	1	
			86 03 180	Pliers Wrench pliers and a wrench in a single tool	180 mm	1	
			87 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers	180 mm	1	
		PATENTED	97 53 04	Self-Adjusting Crimping Pliers for wire ferrules with lateral access	0.08 – 10 + 16 mm²	1	
		1000 V	98 20 35 SL	Screwdriver (Slim) for slotted screws	0.6 x 3.5 x 100 mm	1	
		1000 V	98 25 01 SL	Screwdriver (Slim) for cross-recessed screws Pozidriv®	PZ1 x 80 mm	1	
		1000 V	98 52	Cable Knife	185 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	300 g	1	
				Electrician's Chisel	250 x 10 mm	1	
				Spirit Level Type 70 Electric	430 mm	1	
				Pocket Electric mini spirit level	68 mm	1	

00 21 19 LB	081616	KNIPEX L-BOXX®, empty, with Tool card
00 21 19 LB LE	081975	KNIPEX L-BOXX®, empty, without Tool card
00 21 19 LB WK	081609	Tool card

KNIPEX L-BOXX® Plumbing

52 parts

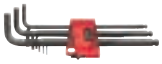
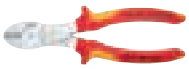
- Equipped with 13 KNIPEX tools, a total of 52 brand tools, partly VDE-tested according to DIN EN 60900

For further benefits of the case, see page 358



00 21 19 LB S

Content

00 11 01 KNIPEX		87 01 400 KNIPEX		Wera 9 Parts		Rennsteig	
26 16 200 KNIPEX		98 2X XX 7 x KNIPEX		Heyco		Stabila	
74 06 180 KNIPEX		Wera		Heyco		Stabila	
86 03 250 KNIPEX		Wera 28 Parts		Picard		Zenten	
87 01 250 KNIPEX		Wera		Rennsteig			

Article No.	EAN 4003773-					Nominal size	Quantity	⚖ g
00 21 19 LB S	081630	KNIPEX L-BOXX® Plumbing						9170
		PATENTED	00 11 01	KNIPEX TwinKey® Control Cabinet Key	KNIPEX	92 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		1000 V	74 06 180	High Leverage Diagonal Cutter		180 mm	1	
			86 03 250	Pliers Wrench pliers and a wrench in a single tool		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	
		1000 V	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	
		1000 V	98 24 01	Screwdriver for cross recessed screws Phillips®		PH1 x 80 mm	1	
			98 24 02			PH2 x 100 mm	1	
		1000 V	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	
				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	
				Folding ruler Stabila series 400		200 mm		
				Pipe cutter	Zenten	3 - 35 mm / 1/8 - 1 1/2"	1	

00 21 19 LB	081616	KNIPEX L-BOXX®, empty, with Tool card
00 21 19 LB LE	081975	KNIPEX L-BOXX®, empty, without Tool card
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



00 20 15

Article No.	EAN 4003773-				Nominal size	Quantity	g
00 20 15	024804	Tool Box “RED” Electric Set 1					1430
		1000 V	03 06 180	Combination Pliers	180 mm	1	
		1000 V	11 06 160	Insulation Stripper with opening spring, universal	Ø 5.0 mm / 10.0 mm²	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	200 mm	1	
		1000 V	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



00 21 15

Article No.	EAN 4003773-					Nominal size	Quantity	g
00 21 15	042853	Tool Box “RED” Electric Set 2						1535
		1000 V	03 06 180	Combination Pliers	KNIPEX	180 mm	1	
		1000 V	26 16 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)		200 mm	1	
		1000 V	70 06 160	Diagonal Cutter		160 mm	1	
			88 03 180	KNIPEX Alligator® Water Pump Pliers		180 mm	1	
		1000 V		Screwdrivers for slotted screws 160 i	Wera	0.4 x 2.5 x 80 mm	1	
		1000 V				0.8 x 4.0 x 100 mm	1	
		1000 V		Screwdrivers for cross recessed Phillips® screws 162i PH		PH1 x 80 mm	1	
00 21 15 LE	045175	Tool Box “RED” empty						

Compact Tool Case

17 parts

with insulated tools for works on electrical installations

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

> Shock-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

Content

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 42 KNIPEX			

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
98 99 11	026624	Compact Tool Case					4055
		1000 V	03 07 200	Combination Pliers	200 mm	1	
		1000 V	70 07 160	Diagonal Cutter	160 mm	1	
		1000 V	98 20 35	Screwdrivers for slotted screws	0.6 x 3.5 x 100 mm	1	
		1000 V	98 20 40		0.8 x 4 x 100 mm	1	
		1000 V	98 20 55		1.0 x 5.5 x 125 mm	1	
		1000 V	98 24 00	Screwdriver for cross recessed screws Phillips®	PH0 x 60 mm	1	
		1000 V	98 42	Reversible Ratchet with driving square 1/2"	1/2"	1	
		1000 V	98 45 125	Extension Bar with internal/external square 1/2"	+ 125 mm	1	
		1000 V	98 45 250		+ 250 mm	1	
		1000 V	98 47 10	Hexagon Socket for hexagonal screws with internal square 1/2"	10 mm	1	
		1000 V	98 47 11		11 mm	1	
		1000 V	98 47 12		12 mm	1	
		1000 V	98 47 13		13 mm	1	
		1000 V	98 47 14		14 mm	1	
		1000 V	98 47 17		17 mm	1	
		1000 V	98 47 19		19 mm	1	
		1000 V	98 52	Cable Knife	185 mm	1	
98 99 11 LE	028857	Compact Tool Case empty					

Compact Tool Case

26 parts

with insulated tools for works on electrical installations

> Shock-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



98 99 12

Content

03 07 200 KNIPEX		98 40 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	

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
98 99 12	026631	Compact Tool Case					4710
		1000 V	03 07 200	Combination Pliers	200 mm	1	
		1000 V	70 07 160	Diagonal Cutter	160 mm	1	
		1000 V	98 00 10	Open-end wrench	10 mm	1	
			98 00 11		11 mm	1	
			98 00 12		12 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	
		1000 V	98 20 25	Screwdrivers for slotted screws	0.4 x 2.5 x 75 mm	1	
			98 20 35		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	
		1000 V	98 24 00	Screwdriver for cross recessed screws Phillips®	PH0 x 60 mm	1	
			98 24 01		PH1 x 80 mm	1	
			98 24 02		PH2 x 100 mm	1	
		1000 V	98 40	T-Handle Drive with driving square 1/2"	165 mm	1	
		1000 V	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	
		1000 V	98 52	Cable Knife	185 mm	1	
			98 53 03	Stripping Knife	155 mm	1	
98 99 12 LE	028154	Compact Tool Case 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



00 21 25

Article 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	12.0 – 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	
		90°	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	
		90°	49 21 A21			19.0 – 60.0	1.8	1	

Tool Case for Photovoltaics

empty

> Shock-resistant plastic case
> Foam insert with recesses for tools, 2 crimping dies and 2 locators



97 91 01 LE

Article No.	EAN 4003773-	Width mm	Height mm	Depth mm	⚖ g
97 91 01 LE	088813	345	80	280	650

Tool Case for Photovoltaics

- Equipped with tools for photovoltaics
- With Precision Insulation Stripper 12 12 11 with adapted blades for smaller stripping capacities 1.5 / 2.5 / 4.0 / 6.0 mm²
- With cable shears 95 16 165 for Cu cables up to Ø 15 mm

> With Crimp System Pliers 97 43 200 A for exchangeable crimping dies; crimping pressure has been set precisely (calibrated) in the factory
> Without crimping dies – please order separately (see ref. 97 49...) for individual assortment
> With service tools (hexagonal key) for the change of crimping dies
> Shock-resistant plastic case
> Foam insert with recesses for tools, 2 crimping dies (not included) and 2 locators (not included)
> Dimensions, exterior (W x H x D): 345 x 80 x 280 mm



97 91 01

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
97 91 01	070351	Tool Case for Photovoltaics					1964
			12 12 11	Precision Insulation Stripper with adapted blades	1.5 – 6.0 mm²	1	
		1000 V	95 16 165	Cable Shears	Ø 15 mm / 50 mm²	1	
			97 43 200 A	Crimp System Pliers for exchangeable crimping dies		1	
97 91 01 LE	088813	Tool Case for Photovoltaics empty					



Sets for Photovoltaics MC4

▸ Equipped with tools for photovoltaics

> With Crimp System Pliers 97 43 200 A for exchangeable crimping dies; crimping pressure has been set precisely (calibrated) in the factory
> With cable shears 95 16 165 for Cu cables up to Ø 15 mm
> With service tools (hexagonal key) for the change of crimping dies
> With set of mounting tools 97 49 66 2 to loosen and 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
> Shock-resistant plastic case
> Dimensions, exterior (W x H x D): 345 x 80 x 280 mm

97 91 04 V01
> With crimping die 97 49 66 for solar cable connectors MC4 (Multi-Contact) 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 (Multi-Contact) 4.0 – 10.0 mm², locator 97 49 71 1



97 91 04 V01

Article No.	EAN 4003773-				Nominal size	Quantity	⚖ g
97 91 04 V01	088998	Tool Case for Photovoltaics for solar cable connectors MC4 (Multi-Contact)					2010
			12 12 11	Precision Insulation Stripper with adapted blades 1.5/2.5/4/6mm²	1.5 – 6.0 mm²	1	
		1000 V	95 16 165	Cable Shears	Ø 15 mm / 50 mm²	1	
			97 43 200 A	Crimp System Pliers for exchangeable crimping dies		1	
			97 49 66	Crimping die for solar cable connectors MC4 (Multi-Contact)	2.5 – 6.0 mm²	1	
			97 49 66 1	Locator for 97 49 66 (solar cable connectors MC4)		1	
			97 49 66 2	Set of Mounting Tools for solar cable connectors MC4 (Multi-Contact)		1	
97 91 04 V02	089001	Tool Case for Photovoltaics for solar cable connectors MC4 (Multi-Contact)					2010
			12 12 12	Precision Insulation Stripper with adapted blades 4/6/10mm²	4.0 – 10.0 mm²	1	
		1000 V	95 16 165	Cable Shears	Ø 15 mm / 50 mm²	1	
			97 43 200 A	Crimp System Pliers for exchangeable crimping dies		1	
			97 49 66 2	Set of Mounting Tools for solar cable connectors MC4 (Multi-Contact		1	
			97 49 71	Crimping die for solar cable connectors MC4 (Multi-Contact)	4.0 – 10.0 mm²	1	
			97 49 71 1	Locator for 97 49 71 (solar cable connectors MC4)		1	
97 91 01 LE	088813	Tool Case 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



Article No.	EAN 4003773-	Dimension exterior (interior) width mm	Dimension exterior (interior) height mm	Dimension exterior (interior) 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

97 90 05
> Crimping pliers for wire end ferrules (97 71 180)

97 90 06
> Crimping pliers for wire end 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 Twistor16® (97 53 18) Self-Adjusting Crimping Pliers for wire ferrules with rotatable die head

97 90 14
> With crimping pliers for wire ferrules KNIPEX Twistor16® (97 53 18) and KNIPEX PreciStrip16 (12 52 195)

97 90 15
> With crimping pliers for wire ferrules (97 53 09) and KNIPEX PreciStrip16 (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 crimping pliers KNIPEX PreciForce for wire ferrules (97 52 38)



97 90 05



97 90 10



97 90 13



97 90 23

Article No.	EAN 4003773-		Pliers	200 x mm²	150 x mm²	100 x mm²	80 x mm²	75 x mm²	50 x mm²	40 x mm²	30 x mm²	20 x mm²	⚖ 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			930
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 97 53 04	0.5 / 0.75 / 1 / 1.5 / 2.5		4 / 6			10				1353
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 12 52 195	0.5 / 0.75 / 1 / 1.5	2.5			4 / 6	10	16			1450
97 90 15	084877		97 53 09 12 52 195		1.5	2 x 1.5 / 2.5	2 x 2.5 / 4		6	2 x 4	2 x 6 / 10	2 x 10 / 16	1450
97 90 16	086024		12 40 200 97 53 09	0.5 / 0.75 / 1 / 1.5 / 2.5		4 / 6			10				1450
97 90 17	086031		12 42 195 97 53 09	0.5 / 0.75 / 1 / 1.5 / 2.5		4 / 6			10				1450
97 90 23	062158		97 52 38	0.5 / 0.75 / 1 / 1.5 / 2.5		4 / 6							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



97 90 22

97 90 21
> With crimping pliers KNIPEX PreciForce (97 52 36) (for insulated terminals and plug connectors)

97 90 22
> Self-Adapting Universal Insulation Stripper Multistrip 10 (12 42 195); with crimping pliers KNIPEX PreciForce (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 32 241)



97 90 25



97 90 26

Article No.	EAN 4003773-		Pliers	Cable Connectors	Quantity	Cable mm²	g
97 90 21	062134		97 52 36	Blade Terminal Sockets, 6.3 x 0.8 mm	25	0.5 – 1	1416
					25	1.5 – 2.5	
					25	0.5 – 1	
				Round Sockets, Ø 4 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 4 mm	25	4 – 6	
					25	4 – 6	
				Cable Connectors, eye type, Ø 5 mm	25	1.5 – 2.5	
					25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
				Butt Connectors, insulated Red	25	0.5 – 1	
				Butt Connectors, insulated Blue	25	4 – 6	
				Round Pin Plugs Ø 4 mm	25	1.5 – 2.5	
97 90 22	062141		97 52 36 12 42 195	Blade Terminal Sockets, 6.3 x 0.8 mm	25	0.5 – 1	1527
					25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 4 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 5 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 8 mm	25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 4 mm	25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 5 mm	25	4 – 6	
				Cable Connectors, eye type, Ø 6 mm	25	4 – 6	
				Butt Connectors, insulated Red	25	0.5 – 1	
				Butt Connectors, insulated Blue	25	1.5 – 2.5	
				Butt Connectors, insulated Yellow	25	4 – 6	
97 90 25	076971		97 22 240	Blade Terminal Sockets, 6.3 x 0.8 mm	25	0.5 – 1.5	1150
					25	1 – 2.5	
				Cable Connectors, eye type, Ø 4 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 5 mm	25	1.5 – 2.5	
				Cable Connectors, eye type, Ø 4 mm	25	4 – 6	
				Cable Connectors, eye type, Ø 5 mm	25	0.5 – 1	
				Cable Connectors, eye type, Ø 6 mm	25	1.5 – 2.5	
					25	0.5 – 1	
				Cable Connectors, eye type, Ø 8 mm	25	1.5 – 2.5	
				Butt Connectors, insulated Red	25	0.5 – 1	
				Butt Connectors, insulated Blue	25	1.5 – 2.5	
				Butt Connectors, insulated Yellow	25	4 – 6	
97 90 26	079521		97 32 240	Blade Terminal Sockets, non-insulated, 6.3 x 0.8 mm	25	1.5 – 2.5	1420
					25	4 – 6	
				Blade Terminal Sockets, 6.3 x 0.8 mm	25	0.5 – 1	
					25	0.5 – 1	
					25	1.5 – 2.5	
				Blade Terminal Plugs, 6.3 x 0,8 mm	25	1.5 – 2.5	
					25	4 – 6	
				Cable Connectors, eye type, Ø 4 mm	25	4 – 6	
					25	0.5 – 1	
				Butt Connectors, insulated Red	25	1.5 – 2.5	
				Butt Connectors, insulated Blue	25	0.5 – 1	
				Butt Connectors, insulated Yellow	25	0.5 – 1	
97 90 00 LE	054009	TANOS MINI-systainer® empty					900

00 11 01 159
00 11 02 160
00 11 03 160
00 11 04 160
00 11 06 161
00 11 06 V01 161
00 11 06 V03 162
00 11 07 163
00 11 V79 265
00 19 41 317
00 19 41 LE 317
00 19 55 S4 117
00 19 55 S4 318
00 19 55 S4 LE 117
00 19 55 S4 LE 318
00 19 55 S5 125
00 19 55 S5 319
00 19 55 S5 LE 125
00 19 55 S5 LE 319
00 19 55 S6 117
00 19 55 S6 318
00 19 55 S6 LE 117
00 19 55 S6 LE 318
00 19 55 S7 117
00 19 55 S7 318
00 19 55 S8 125
00 19 55 S8 319
00 19 55 S8 LE 125
00 19 55 S8 LE 319
00 19 55 S9 125
00 19 55 S9 319
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00 19 56 320
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00 19 56 V01 79
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00 19 58 V01 321
00 19 58 V02 80
00 19 58 V02 321
00 19 72 LE 309
00 19 72 V01 309
00 19 72 XS LE 308
00 19 75 LE 170
00 19 75 LE 308
00 19 92 V01 LE 293
00 19 92 V01 LE 322
00 19 92 V02 LE 293
00 19 92 V02 LE 322
00 20 01 V02 81
00 20 01 V02 313
00 20 01 V09 81
00 20 01 V09 313
00 20 01 V15 313
00 20 01 V16 313
00 20 01 V17 313
00 20 03 SB 82
00 20 03 SB 315
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00 20 12 V01 311
00 20 12 V02 311
00 20 12 V03 311
00 20 12 V04 311
00 20 12 V05 311
00 20 13 310
00 20 15 259
00 20 15 361
00 20 16 279
00 20 16 323
00 20 16 LE 323
00 20 16 P 279
00 20 16 P 323
00 20 16 P ESD 279
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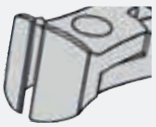
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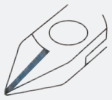
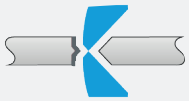
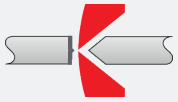


1	Point
2	Gripping surface
3	Recess (pipe grip)
4	Additional cutting edge
5	Jaw
6	Flank

Direction and position of the cutting edges

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

Cutting edge shapes DIN ISO 5742

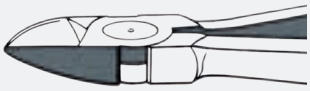
With bevel (outside bevel)		
With small bevel (outside bevel)		
With very small bevel (outside bevel)		
Flush cut		
Flush cut		

Joint types

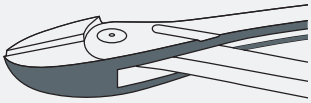
Lap joint
With the lap joint, which is used on carpenters' pincers, concretors' nippers and high leverage diagonal cutters, the two halves of the pliers lie on top of each other withou being milled out. The pliers handle can thus be designed to be very robust.



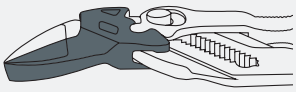
Single joint
With the single joint, half the thickness of each pliers handle is milled. Both pliers handles can thus be fitted into one another. The outer sides in the rivet area are smooth and not indented.



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



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





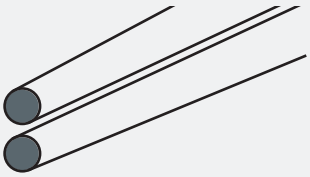
Snipe nose pliers





Round nose pliers





Examples of different handle types on a pair of pliers



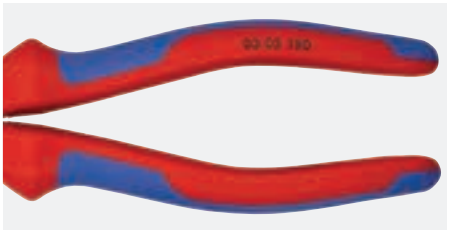
Straight handles,
fully-metal design without plastic grips
are used when the hand must be placed at various positions when gripping. This is often the case with carpenters' pliers and concretors' nippers.



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 pliers body, the softer blue component ensures ergonomic contact with fingers and the heel of the hand.



Comfort Handles
The third, grey component in the thumb rest allows more control due to its special surface texture.
The ends of the handles each have a KNIPEXtend interface for extending the functionality, for example with TetheredTool Clips for attaching fall protection devices.



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



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



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

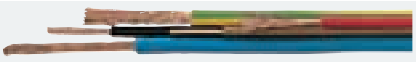
* Association for Electrical, Electronic and Information Technologies
** electrostatic discharge

Cutting value table

Article No.	Length mm	◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	Page
01 0	160			2.0	1.5	14
	190			2.5	2.0	14
02 0	180			2.5	2.0	11
	200			2.8	2.2	11
	225			3.0	2.5	11
03 0	140		2.8	1.8		10
	160		3.1	2.0		10
	180		3.4	2.2		10
	200		3.8	2.5		10
	250		3.8	2.5		10
08 0	110		2.5	1.6		14
08 2	145		3.0	2.0		12
	185		3.8	3.0		12
09	240		4.6	3.0		15
13 0	160		2.5	1.6		40
13 4	165		3.2	2.2		41
14 2	160	2.5	1.5			48
19 0	130		2.2	1.6		52
25 01/03	125		2.2	1.6		55
25 0/21/25/26	140		2.5	1.6		55
	160		2.5	1.6		55
26 1/26 2	200		3.2	2.2		56
50 0	160		1.8			86
	180		2.0			86
	210		2.2			86
	225		2.2			86
	250		2.2			86
51 01	210		2.2			86
55 00 300	300	2.0–3.0				87
61 0	200	1.0–6.0	4.0	3.5	3.0	110
62 12	120	0.3–1.0	0.7			273
64 0	115	2.0	1.0	0.6		272
64 11/12	115	1.4	0.8			272
64 22	115	0.8				272
64 32	120	1.5	1.0	0.5		272
64 42	115	1.5	1.0	0.5		272
64 52	115	1.3				272
64 62	120	0.6				272
64 72	120	1.5				272
67 0	140	4.0	3.1	2.0	1.5	111
	160	4.5	3.4	2.5	2.0	111
	200	5.0	3.8	3.0	2.5	111
68 01	160	4.0	2.8	2.3		111
	180	4.0	3.2	2.5		111
	200	4.0	3.5	2.8		111
	280	4.5	4.0	3.2		111
70	110	3.0	2.0	1.2		96
	125	3.0	2.3	1.5		96
	140	4.0	2.5	1.8		96
	160	4.0	3.0	2.0		96
	180	4.0	3.0	2.5		96
71	160	5.3	4.4	3.2	3.0	104
	200	6.0	5.2	4.0	3.6	105, 106
	250		5.6	4.0	3.8	107
71 31	160	5.3	4.8	3.6	3.3	104
	250		6.0	4.3	4.2	107

Article No.	Length mm	◔ Ø mm	◑ Ø mm	◕ Ø mm	● Ø mm	Page
72 62	200	6.0				93
73 0	160	4.8	3.8	2.7	2.2	99
73 7	180	5.5	4.6	3.2	3.0	102
74 0	140		3.1	2.0	1.5	100
	160		3.4	2.5	2.0	100
	180		3.8	2.7	2.2	100
	200		4.2	3.0	2.5	100
	250		4.6	3.5	3.0	100
74 91	250	5.0	5.0	3.8	3.5	103
75 02/12	125	0.2–1.3	1.0	0.6	0.4	265
75 22	125	0.2–1.3	0.9	0.4	0.3	265
75 52	125	0.2–0.8	0.5	0.3		265
76 01/03/05/12	125	0.4–3.0	2.3	1.5	0.6	98
76 22	125	0.4–2.5				98
76 81	125	0.4–1.7	1.3	0.8		98
77 01	115	0.3–1.6	1.2	0.6		269
77 02	115	0.3–1.6	1.2	0.6		269, 270
	120	2.0	1.4	1.0	0.6	271
	130	0.3–2.0	1.5	0.8		269, 270
	135	2.2	1.6	1.2	0.8	271
77 11/12	115	0.3–1.6	1.2	0.6		269, 270
77 21	115	0.3–1.3	1.0			269
77 22	115	0.3–1.3	1.0			269
77 32	115	0.3–1.3	1.0	0.5		269, 270
	120	1.6	1.0	0.6	0.2	271
	130	0.3–2.0	1.3	0.6		269, 270
77 41	115	1.3	0.8			269
77 42	115	0.3–1.3	0.8			269, 270
	130	0.3–1.6	1.3			269, 270
77 52	115	0.3–1.0	0.8	0.5		269, 270
77 72	115	0.3–0.8				269, 270
77 82	130	0.3–1.6	1.3			269, 270
78 03/06/13	125	0.2–1.6	1.0			262
78 03	140	0.2–2.1	1.2			264
78 23	125	0.2–1.0	0.6			262
78 31/41	125	0.2–1.0				262
78 61/71	125	0.2–1.6	1.2			262
78 61	140	0.2–2.1	1.4			264
78 81/91	125	0.2–1.6	1.2	0.6		262
79 02	120	0.2–1.4	1.0	0.6		266, 267
79 02	125	0.2–1.7	1.3	0.7		266, 267
79 12	125	0.3–1.7	1.3	1.0	0.6	266, 267
79 22	120	0.1–1.3	0.8			266, 267
79 22	125	0.1–1.7	1.0			266, 267
79 32	125	0.2–1.5	1.1	0.6		266, 267
79 42	125	0.1–1.5	0.8			266, 267
79 52	125	0.2–1.3	0.9	0.5		266, 267
79 62	125	0.1–1.3	0.8			266, 267
95 6	190			4.0	2.5	178
99 0	200		1.8	1.4		88
	220		2.4	1.6		88
	250		2.4	1.6		88
	280		2.8	1.8		88
	300		3.1	1.8		88
99 1	250		3.3	1.8		89
	300		3.8	2.0		89

Wire classes

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

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



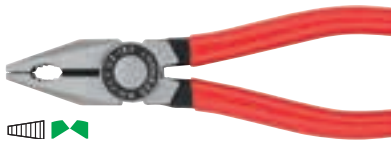
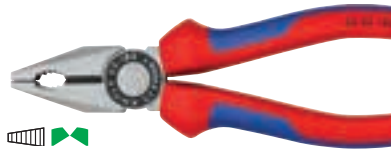
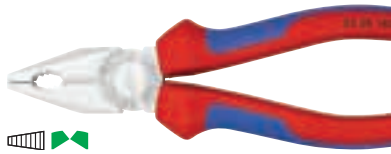
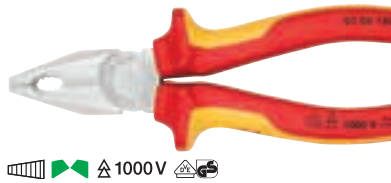
Example of the item number on the pliers handle

Basic model	Style	Finish	Length	Accessory
e. g. KNIPEX Cobra® Hightech Water Pump Pliers	e. g. straight	e. g. head polished, handles with multicomponent grips	e. g. 250 mm	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 atramentized, head polished	
1	Head polished, handles plastic coated	
2	Head polished, handles with multi-component grips	
3	Pliers chrome plated, handles plastic coated	
4	Pliers chrome plated	
5	Pliers chrome plated, handles with multicomponent grips	
6	Pliers chrome plated, handles insulated with multi-component grips, VDE-tested DIN EN / IEC 60900	
7	Pliers chrome plated, handles with dipped insulation, VDE-tested DIN EN / IEC 60900	

Pictograms

	Packing unit
SB / BK	Carded pliers with euro holes
ESD	Electrostatic discharging, dissipative
1000 V	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
	Externel 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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