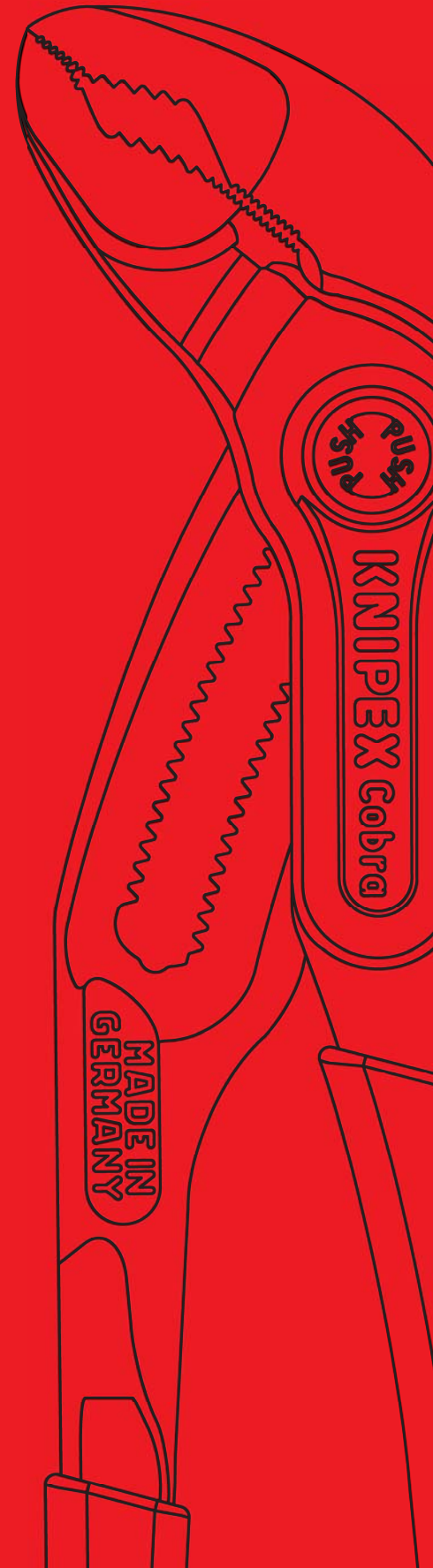


GENERAL CATALOGUE



Pliers

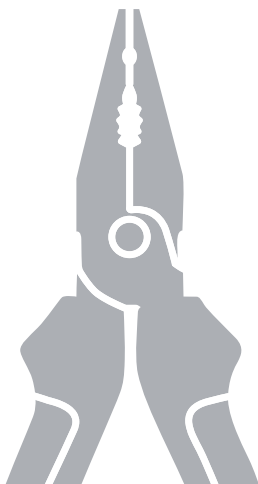
MADE IN GERMANY SINCE 1882



Combination and
Multifunctional Pliers



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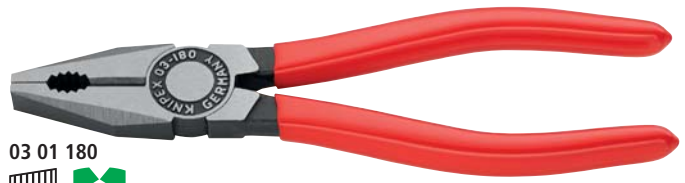


Combination Pliers

DIN ISO 5746

03

- > 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



03 01 180



03 02 180



03 05 180



03 06 180



03 07 200



Article No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities				
						Ø mm	Ø mm	Ø mm	mm ²	g
03 01 140	015192	140	black anodized	polished	plastic coated	2.8	1.8	9.0	10	112
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	489
03 02 160	023203	160	black anodized	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		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	chrome plated		insulate with multi-component grips, VDE-tested	3.1	2.0	10.0	16	228
03 06 180	021926	180				3.4	2.2	12.0	16	264
03 06 200	033776	200				3.8	2.5	13.0	16	326
03 07 160	015307	160	chrome plated		with dipped insulation, VDE-tested	3.1	2.0	10.0	16	254
03 07 180	015314	180				3.4	2.2	12.0	16	285
03 07 200	015321	200				3.8	2.5	13.0	16	339
03 07 250	015345	250				3.8	2.5	15.0	25	597

High Leverage Combination Pliers

DIN ISO 5746

02

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
- > High-grade special tool steel, forged, multi stage oil-hardened

02 02 225 T*

pliers with tether attachment point for mounting a fall protection



02 01 180



02 02 180



02 02 225 T



02 05 180



02 06 180



02 07 225



Article No.	EAN	↔ mm		Pliers	Head	Handles	Cutting capacities				
							Ø mm	Ø mm	Ø mm	mm ²	g
02 01 180	4003773-033134	180					2.5	2.0	11.5	16	202
02 01 200	039679	200		black anodized	polished	plastic coated	2.8	2.2	13.0	25	298
02 01 225	013198	225					3.0	2.5	14.0	25	358
02 02 180	034896	180					2.5	2.0	11.5	16	240
02 02 200	034902	200				with multi-component grips	2.8	2.2	13.0	25	342
02 02 225	043379	225		black anodized	polished		3.0	2.5	14.0	25	409
02 02 225 T	079934	225				with multi-component grips and integrated tether attachment point	3.0	2.5	14.0	25	413
02 05 180	043072	180					2.5	2.0	11.5	16	238
02 05 200	043089	200		chrome plated		with multi-component grips	2.8	2.2	13.0	25	342
02 05 225	010005	225					3.0	2.5	14.0	25	400
02 06 180	010012	180					2.5	2.0	11.5	16	247
02 06 200	010029	200		chrome plated		insulate with multi-component grips, VDE-tested	2.8	2.2	13.0	25	343
02 06 225	010036	225					3.0	2.5	14.0	25	401
02 07 200	022299	200		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

* Other tools with tethering can be found from page 254 ff



Needle-Nose Combination Pliers

DIN ISO 5746

08

**Small High Leverage Combination Pliers with pointed jaw.
For all common installation and repair work.**

Handy use when working in confined areas thanks to slim head design and pointed jaws (anti-twist)

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

Milled groove in the gripping area permits small parts such as nails, pins and bolts to be held and pulled

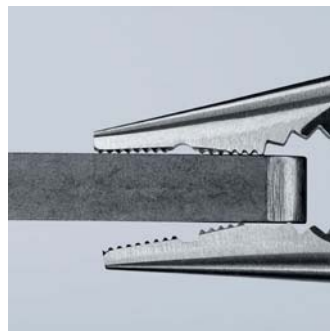
- > the reliable and diverse combination pliers when out and about
- > easy cutting thanks to the high leverage joint
- > with cutting edges for soft, medium-hard and hard wire
- > long service life and stable tips
- > High-grade special tool steel, forged, multi stage oil-hardened

08 22 145 T*

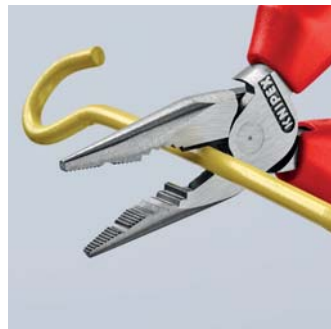
pliers with tether attachment point for mounting a fall protection



Milled groove in the gripping area



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



Easy cutting thanks to the high leverage joint



Tips remain dimensionally stable also in case of major torsional forces

Product video



08 21 145



08 22 145



08 22 145 T



08 25 145



08 26 145



Article No.	EAN	↔ mm		Pliers	Head	Handles	Cutting capacities				
							Ø mm	Ø mm	Ø mm	mm ²	g
08 21 145	078951	145		black atramentized	polished	plastic coated	3.0	2.0	8.0	16	116
08 22 145	078968	145		black atramentized	polished	with multi-component grips	3.0	2.0	8.0	16	148
08 22 145 T	080640	145		black atramentized	polished	with multi-component grips and integrated tether attachment point	3.0	2.0	8.0	16	152
08 25 145	078975	145		chrome plated		with multi-component grips	3.0	2.0	8.0	16	148
08 26 145	079361	145		chrome plated		insulate with multi-component grips, VDE-tested	3.0	2.0	8.0	16	154

* Other tools with tethering can be found from page 254 ff

Combination Pliers

Chrome Vanadium

DIN ISO 5746 IEC 60900 DIN EN 60900

01

- > for heaviest duty
- > 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



01 06 190



Article No.	EAN 4003773-	↔ mm	Pliers	Handles	Cutting capacities				
					Ø mm	Ø mm	Ø mm	mm ²	g
01 06 160	040729	160	chrome plated	insulated with multi-component grips	2.0	1.5	10.0	16	201
01 06 190	040415	190			2.5	2.0	13.0	25	320

Mini Combination Pliers

08

- > compact combination pliers for professionals and hobbyists
- > 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 steel, forged, multi stage oil-hardened



08 05 110



Article No.	EAN 4003773-	↔ mm	Pliers	Handles	Cutting capacities				
					Ø mm	Ø mm	Ø mm	mm ²	g
08 05 110	034957	110	chrome plated	with multi-component grips	2.5	1.6	9.0	10	85



Lineman's Pliers

DIN ISO 5746 ASME B107.20

09

American style

High transmission ratio for easy cutting

Requires 50 % less effort compared with conventional combination pliers due to an optimised transmission ratio

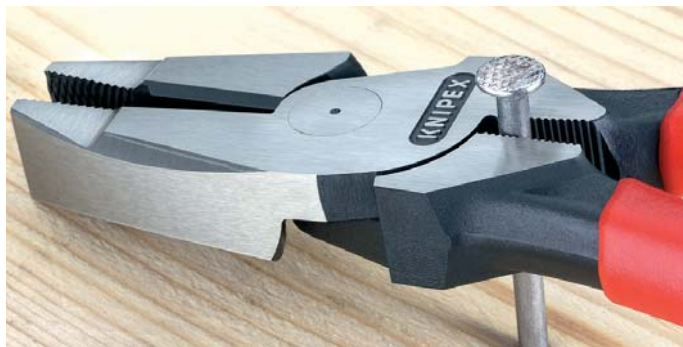
- > solid construction for heaviest strain; universally applicable
- > ergonomically optimised handle shape for firm contact to the hand and fatigue reducing operation
- > particularly effective cross-hatched knurled gripping zone in the jaws – for strong gripping and pulling
- > additional gripping 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. 64 HRC
- > Vanadium steel, forged, multi stage oil-hardened

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 02 240 T / 09 12 240 T*

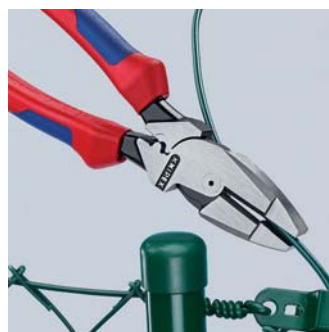
pliers with tether attachment point for mounting a fall protection



Gripping zone below the joint for powerful leverage



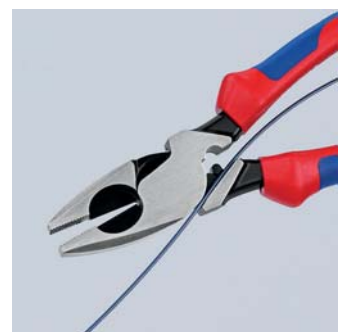
Cross-hatched, knurled gripping zone for firm gripping and pulling, e. g. for fence construction



Long cutting edges for cutting flat cables



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



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



09 01 240



09 02 240



09 02 240 T



09 11 240



09 12 240 T



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		⚖ g
							Ø mm	Ø mm	
09 01 240	064992	240		black atramentized	polished	with non-slip plastic coating	4.6	3.0	435
09 02 240	065005	240		black atramentized	polished	with 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	474
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 multi-component grips and integrated tether attachment point	4.6	3.0	474

* Other tools with tethering can be found from page 254 ff

Pliers for Electrical Installation

13

The all-rounder for professionals

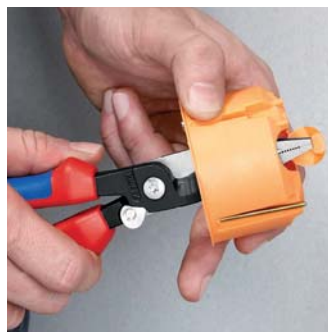
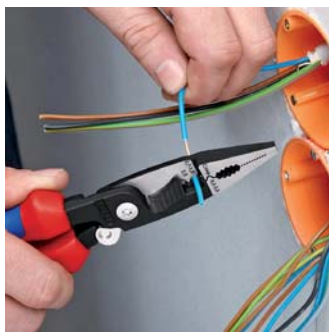
Multifunctional pliers for the electrical installation; to grip flat and round material, for bending, deburring, cutting cable, stripping and crimping end sleeves (ferrules)

6 functions in one pair of pliers

- > 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 jaw 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 crimp die for wire-end 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 / dia. 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



13 81 200



13 82 200



13 82 200 T



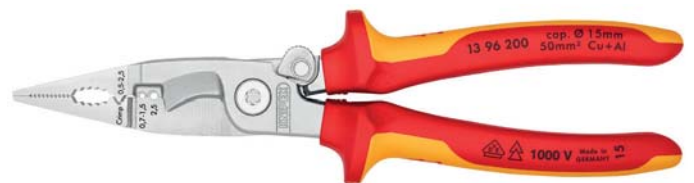
13 86 200



13 91 200



13 92 200



13 96 200





- Smooth gripping surface**
for a non-damaging gripping and flattening, round-shaping (form wire loops)
- Profiled gripping surface**
to protect the workpiece, flattened for stronger yet gentle gripping
- Clear-cut outside edge**
for deburring and widening holes
- Pipe grip**
for round parts and cables
- Universal crimp die**
for end sleeves (ferrules) from 0.5 to 2.5 mm²
- Stripping**
for copper conductors from 0.75 to 1.5 and 2.5 mm²
- Shear blade**
for cutting copper cable up to Ø 15 mm (5 x 2.5 mm²)

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.

Product video



Article No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities		Stripping capacity for cross-sections mm ²	Crimping capacity mm ²	⚖ g
						⊕ Ø mm	⊕ mm ²			
13 81 200	075240	200	black atramentized	polished	plastic coated	15	50	0.75 - 1.5 / 2.5	0.5 - 2.5	265
13 82 200	075080	200	black atramentized	polished	with multi-component grips	15	50	0.75 - 1.5 / 2.5	0.5 - 2.5	280
13 82 200 T	079972	200	black atramentized	polished	with multi-component grips and integrated tether attachment point	15	50	0.75 - 1.5 / 2.5	0.5 - 2.5	284
13 86 200	075097	200	chrome plated		insulate with multi-component grips, VDE-tested	15	50	0.75 - 1.5 / 2.5	0.5 - 2.5	280
13 91 200	075257	200	black atramentized	polished	plastic coated	15	50	0.75 - 1.5 / 2.5	0.5 - 2.5	265
13 92 200	075103	200	black atramentized	polished	with multi-component grips	15	50	0.75 - 1.5 / 2.5	0.5 - 2.5	280
13 96 200	075110	200	chrome plated		insulate with multi-component grips, VDE-tested	15	50	0.75 - 1.5 / 2.5	0.5 - 2.5	280

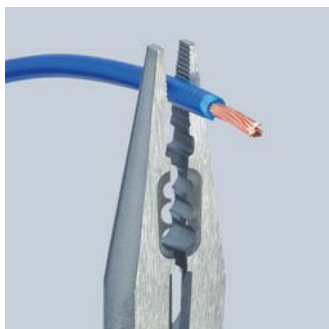
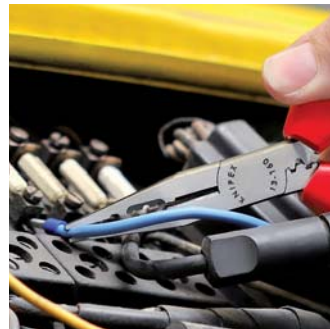
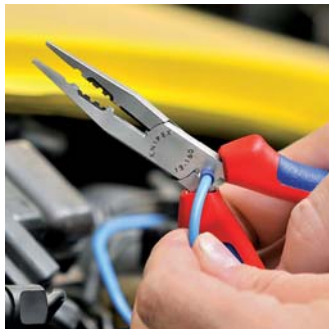
Electricians' Pliers

13

- > the ideal pliers for cable work
- > for gripping and bending wire
- > for cutting medium and hard wire
- > precision cutting edges additionally induction hardened, cutting edge hardness approx. 60 HRC
- > with precision stripping holes
- > for crimping end sleeves (ferrules)
- > Vanadium steel, forged, multi stage oil-hardened

13 05 160 T*

pliers with tether attachment point for mounting a fall protection



Gripping



Cutting



Stripping



Crimping 0.5 to 2.5 mm²



13 01 160



13 02 160



13 05 160



13 05 160 T



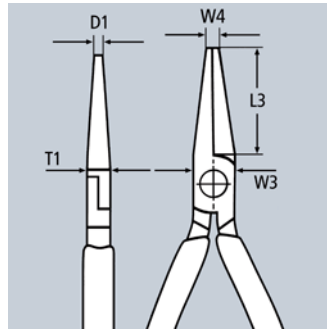
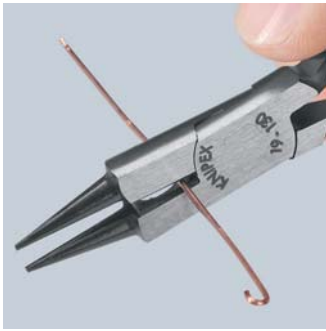
Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Stripping capacities mm ²	 g
							 Ø mm	 Ø mm		
13 01 160	034971	160		black atramentized	polished	plastic coated	2.5	1.6	0.5 - 0.75 / 1.5 / 2.5	112
13 02 160	010470	160		black atramentized	polished	with multi-component grips	2.5	1.6	0.5 - 0.75 / 1.5 / 2.5	139
13 05 160	071426	160		chrome plated		with multi-component grips	2.5	1.6	0.5 - 0.75 / 1.5 / 2.5	139
13 05 160 T	079965	160		chrome plated		with multi-component grips and integrated tether attachment point	2.5	1.6	0.5 - 0.75 / 1.5 / 2.5	143

Round Nose Pliers with cutting edge

(Jewellers' Pliers)

DIN ISO 5743

19



- > for gripping and manipulating fine wires, e.g. in jewellery work
- > ideal for cutting and bending activities, also in electronics
- > for bending wire loops
- > precision-ground round jaws with fine, pointed tips
- > cutting edges additionally induction hardened, cutting edgehardness approx. 60 HRC
- > Vanadium steel, forged, multi stage oil-hardened



19 01 130
8

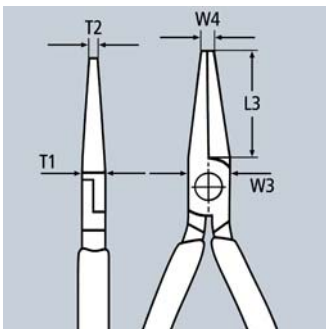
Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities		Dimensions					 g
							Ø mm	Ø mm	D1 mm	L3 mm	T1 mm	W3 mm	W4 mm	
19 01 130	034995	130		black atramentized	polished	plastic coated	2.2	1.6	1.0	32.0	8.0	13.5	2.0	73
19 03 130	014348	130		chrome plated		plastic coated	2.2	1.6	1.0	32.0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

Flat Nose Pliers with cutting edges

(Precision Mechanics Pliers)

DIN ISO 5745

23



- > suitable for gripping and cutting work in fine mechanics
- > flat, long jaws, tapering
- > cutting edges additionally induction hardened, cutting edge hardness approx. 60 HRC
- > High-grade special tool steel, forged, multi stage oil-hardened



23 01 140

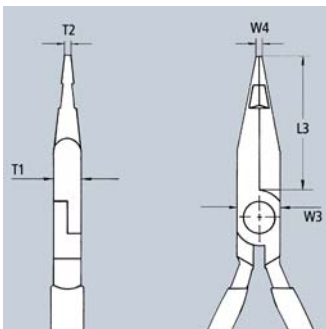
Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities		Dimensions					 g
						Ø mm	Ø mm	T1 mm	L3 mm	W3 mm	W4 mm	T2 mm	
23 01 140	041290	140		polished	plastic coated	2.5	1.6	7.0	35.0	12.5	3.0	4.5	75

Snipe Nose Pliers with centre cutter

(Telephone Pliers)

DIN ISO 5743

27



- > for gripping and separating of single wires in harnesses
- > with centre cutter for soft wire
- > half-round jaws
- > knurled gripping surfaces
- > Chrome vanadium electric steel, forged, oil-hardened



27 01 160

Article No.	EAN 4003773-	↔ mm		Head	Handles	Dimensions					 g
						L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	
27 01 160	016106	160		polished	plastic coated	47.0	16.5	9.5	3.0	2.0	120

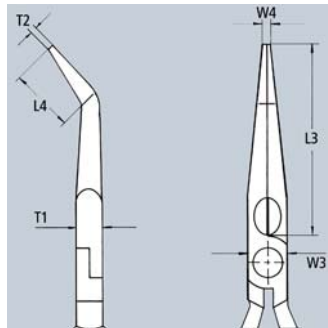
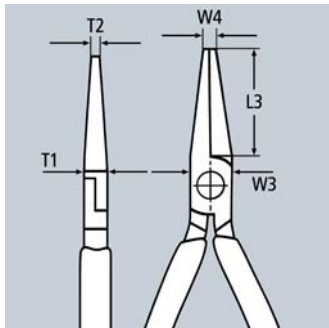
Snipe Nose Side Cutting Pliers

(Radio Pliers)

DIN ISO 5745

25

- > suitable for finer gripping and cutting work
- > pointed, half-round jaws
- > 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 steel, forged, multi stage oil-hardened



Article No.	EAN	↔ mm	Pliers	Head	Handles	Cutting capacities		Dimensions						
						● Ø mm	● Ø mm	L3 mm	L4 mm	W3 mm	T1 mm	W4 mm	T2 mm	⚖ g
25 01 125	015932	125	black atra-mentized	polished	plastic coated	2.2	1.6	27.0		13.0	7.0	2.5	1.8	73
25 01 140	013082	140		polished	plastic coated	2.5	1.6	42.0		15.0	8.0	2.5	2.0	89
25 01 160	013099	160		polished	plastic coated	2.5	1.6	50.0		16.5	9.0	3.0	2.5	113
25 02 140	023159	140		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		polished	with multi-component grips	2.5	1.6	50.0		16.5	9.0	3.0	2.5	144
25 03 125	043065	125	chrome plated	polished	plastic coated	2.2	1.6	27.0		13.0	7.0	2.5	1.8	72
25 05 140	035015	140	chrome plated	polished	with multi-component grips	2.5	1.6	42.0		15.0	8.0	2.5	2.0	111
25 05 160	022817	160	chrome plated	polished	with multi-component grips	2.5	1.6	50.0		16.5	9.0	3.0	2.5	144
25 06 160	033806	160	chrome plated	polished	insulated with multi-component grips, VDE-tested	2.5	1.6	50.0		16.5	9.0	3.0	2.5	146
25 21 160	015994	160	black atra-mentized	polished	plastic coated	2.5	1.6	50.0	23.0	16.5	9.0	3.0	2.5	112
25 25 160	016007	160	chrome plated	polished	VDE-tested	2.5	1.6	50.0	23.0	16.5	9.0	3.0	2.5	143
25 26 160	052111	160	chrome plated	polished	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)

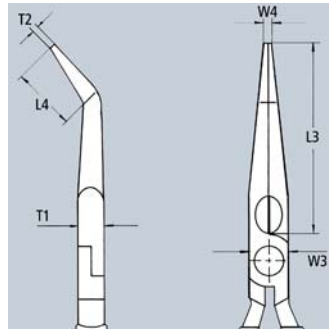
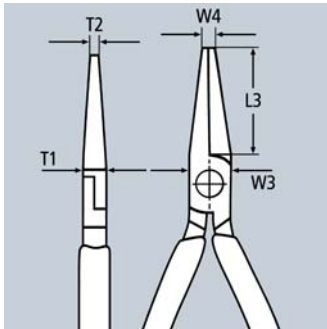
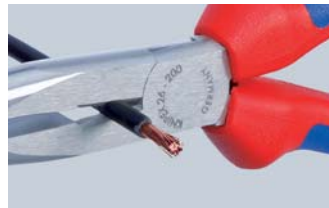
DIN ISO 5745

26

Elastic tips: dimensionally stable even when twisted

- > distortion-tolerant, elastic precision tips
- > half-round, long, pointed jaws
- > with cutting edges (hardness approx. 61 HRC) for soft, medium-hard and hard wire
- > Vanadium steel, forged, multi stage oil-hardened

26 12 200 T / 26 15 200 T / 26 22 200 T / 26 25 200 T*
pliers with tether attachment point for mounting a fall protection



26 11 200
⊖  



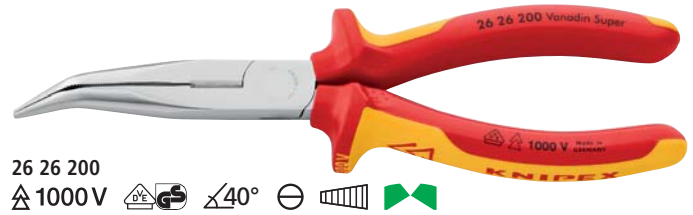
26 15 200
⊖  









































26 22 200
∠40° ⊖  



26 25 200 T
∠40° ⊖  



26 26 200
⚡ 1000V   ∠40° ⊖  

Article No.	EAN 4003773-	↔ mm	Icons	Pliers	Head	Handles	Cutting capacities		Dimensions						
							⊖ ∅ mm	⊖ ∅ mm	L3 mm	L4 mm	T1 mm	W3 mm	W4 mm	T2 mm	⚖ g
26 11 200	022824	200	⊖  	black atra-tmentized	polished	plastic coated	3.2	2.2	73.0		9.5	18.0	3.0	2.5	170
26 12 200	023142	200	⊖  	black atra-tmentized	polished	with multi-component grips	3.2	2.2	73.0		9.5	18.0	3.0	2.5	201
26 12 200 T	079989	200	⊖  	black atra-tmentized	polished	with multi-component grips and integrated tether attachment point	3.2	2.2	73.0		9.5	18.0	3.0	2.5	205
26 13 200	040590	200	⊖  	chrome plated		plastic coated	3.2	2.2	73.0		9.5	18.0	3.0	2.5	169
26 15 200	035022	200	⊖  	chrome plated		with multi-component grips	3.2	2.2	73.0		9.5	18.0	3.0	2.5	198
26 15 200 T	035022	200	⊖  	chrome plated		with multi-component grips and integrated tether attachment point	3.2	2.2	73.0		9.5	18.0	3.0	2.5	202
26 16 200	022831	200	⚡ 1000V   	chrome plated		insulated with multi-component grips, VDE-tested	3.2	2.2	73.0		9.5	18.0	3.0	2.5	206
26 17 200	016069	200	⚡ 1000V   	chrome plated		with dipped insulation, VDE-tested	3.2	2.2	73.0		9.5	18.0	3.0	2.5	212
26 21 200	022848	200	∠40° ⊖  	black atra-tmentized	polished	plastic coated	3.2	2.2	73.0	23.0	9.5	18.0	3.0	2.5	171
26 22 200	023135	200	∠40° ⊖  	black atra-tmentized	polished	with multi-component grips	3.2	2.2	73.0	23.0	9.5	18.0	3.0	2.5	197
26 22 200 T	080008	200	∠40° ⊖  	black atra-tmentized	polished	with multi-component grips and integrated tether attachment point	3.2	2.2	73.0	23.0	9.5	18.0	3.0	2.5	201
26 25 200	035039	200	∠40° ⊖  	chrome plated		with multi-component grips	3.2	2.2	73.0	23.0	9.5	18.0	3.0	2.5	199
26 25 200 T	080015	200	∠40° ⊖  	chrome plated		with multi-component grips and integrated tether attachment point	3.2	2.2	73.0	23.0	9.5	18.0	3.0	2.5	203
26 26 200	022855	200	⚡ 1000V   	chrome plated		insulated with multi-component grips, VDE-tested	3.2	2.2	73.0	23.0	9.5	18.0	3.0	2.5	204
26 27 200	016090	200	⚡ 1000V   	chrome plated		with dipped insulation, VDE-tested	3.2	2.2	73.0	23.0	9.5	18.0	3.0	2.5	220

* Other tools with tethering can be found from page 254 ff



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