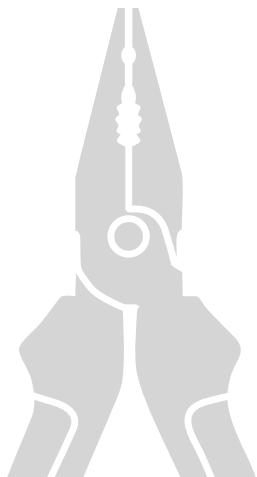


Combination and Multifunctional Pliers



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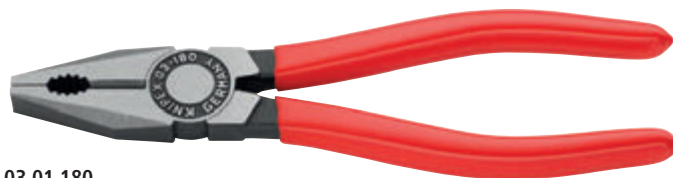


Combination Pliers

- > 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

03 06 180 T*

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



03 01 180



03 02 180



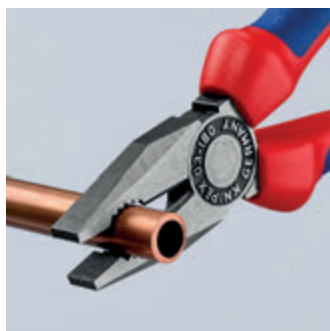
03 05 180



03 06 180 T



03 07 200



Article No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Cutting capacities				
						Ø mm	Ø mm	Ø mm	mm ²	Δ 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	10.0,0	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	chrome plated	insulated 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	355
03 06 180 T	081395	180	chrome plated	chrome plated	insulated with multi-component grips, VDE-tested, with integrated tether attachment point for a tool tether	3.4	2.2	12.0,0	16	270
03 07 160	015307	160	chrome plated	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

- ▶ 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
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 63 HRC
- > DIN ISO 5746

02 02 225 T*

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



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				⚖ g
							Ø mm	Ø mm	Ø mm	mm ²	
02 01 180	033134	180		black atramentized	polished	plastic coated	2.5	2.0	11.5	16	202
02 01 200	039679	200		black atramentized	polished	plastic coated	2.8	2.2	13.0	25	298
02 01 225	013198	225		black atramentized	polished	plastic coated	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		black atramentized	polished	with multi-component grips	2.8	2.2	13.0	25	342
02 02 225	043379	225		black atramentized	polished	with multi-component grips	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		chrome plated	chrome plated	with multi-component grips	2.8	2.2	13.0	25	342
02 05 225	010005	225		chrome plated	chrome plated	with multi-component grips	3.0	2.5	14.0	25	400
02 06 180	010012	180		chrome plated	chrome plated	insulated with multi-component grips, VDE-tested	2.5	2.0	11.5	16	247
02 06 200	010029	200		chrome plated	chrome plated	insulated with multi-component grips, VDE-tested	2.8	2.2	13.0	25	343
02 06 225	010036	225		chrome plated	chrome plated	insulated with multi-component grips, VDE-tested	3.0	2.5	14.0	25	401
02 07 200	022299	200		chrome plated	chrome plated	with dipped insulation, VDE-tested	2.8	2.2	13.0	25	380
02 07 225	022305	225		chrome plated	chrome plated	with dipped insulation, VDE-tested	3.0	2.5	14.0	25	486

Needle-Nose Combination Pliers

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
- > Forged from special high grade tool steel, manifold oil-hardened
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 59 – 63 HRC
- > DIN ISO 5746

08 22 145 T / 08 26 145 T*

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

PATENTED



08 21 145



08 22 145



08 22 145 T



08 25 145



08 26 145



08 26 145 T



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



Milled groove in the gripping area



Tip keeps its shape even during greater torsional forces



Slim head for ideal accessibility

Article No.	EAN 4003773-	↔ 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	145
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	150
08 25 145	078975	145		chrome plated	chrome plated	with multi-component grips	3.0	2.0	8.0	16	145
08 26 145	079361	145		chrome plated	chrome plated	insulated with multi-component grips, VDE-tested	3.0	2.0	8.0	16	145
08 26 145 T	081401	145		chrome plated	chrome plated	insulated with multi-component grips, VDE-tested, with integrated insulated tether attachment point for a tool tether	3.0	2.0	8.0	16	155

Combination Pliers

Chrome Vanadium

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



01 06 160

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities				 g
							Ø mm	Ø mm	Ø mm	mm ²	
01 06 160	040729	160		chrome plated	chrome plated	insulated with multi-component grips, VDE-tested	2.0	1.5	10.0	16	220
01 06 190	040415	190					2.5	2.0	13.0	25	320

Mini Combination Pliers

- > 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 electric steel, forged, multi stage oil-hardened



08 05 110

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

Lineman's Pliers

American style

- ▶ High transmission ratio for easy cutting
- ▶ Requires 50 % less effort compared with conventional combination pliers thanks 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. 64 HRC
- > 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

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



09 02 240 T



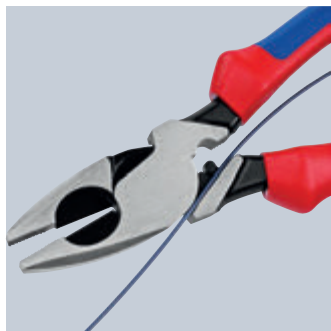
09 11 240



09 12 240



09 12 240 T



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		
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	463
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