

ELECTRICAL RANGE



INNOVATION

KNIPEX X-Cut®

Compact and light. Powerful and precise.

*Cuts finest strands as well
as multi-core cables and piano wires.*

- box-joint design: highest stability with low weight
- doubly supported joint axis for heaviest duty
- high cutting capacity with very little effort thanks to the optimum coordination of cutting-edge angle and leverage ratio with laterally staggered pivot point
- 40 % less effort required compared to diagonal cutters of the same length
- 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, oil-hardened



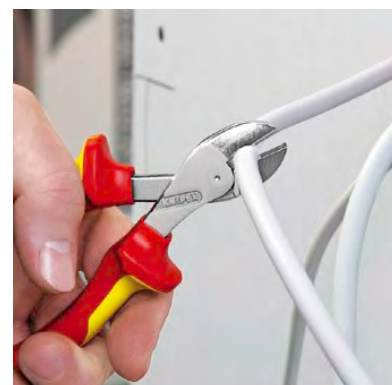
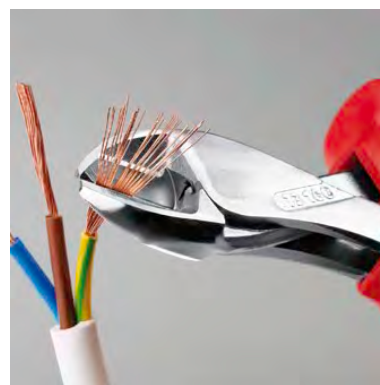
No. 73 02 160



No. 73 05 160



No. 73 06 160



Article No.	EAN 4003773-		Pliers	Head	Handles	Cutting capacities					g	mm
						Ø mm	Ø mm	Ø mm	Ø mm	Ø mm		
73 02 160	075127		black atramentized	polished	with multi-component grips	4.8	3.8	2.7	2.2	12	175	160
73 05 160	075134		chrome plated		with multi-component grips	4.8	3.8	2.7	2.2	12	175	160
73 06 160	075141		chrome plated		insulated with multi-component grips, VDE-tested	4.8	3.8	2.7	2.2	12	195	160

soft wire
 medium hard wire
 hard wire
 piano wire
 Cu- + Al multi-conductor cable, strand and multi-stranded
 wire rope

KNIPEX Installation Pliers

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. 5 mm
- gripping, without opening the pliers completely (intelligent latching mechanism in the spring assisted version). The cutting edge remains closed and protected
- slim dimensions for easy access
- bolted joint: precise, zero backlash operation of pliers
- High-grade special tool steel, forged, oil-hardened



No. 13 81 200



No. 13 91 200



No. 13 82 200



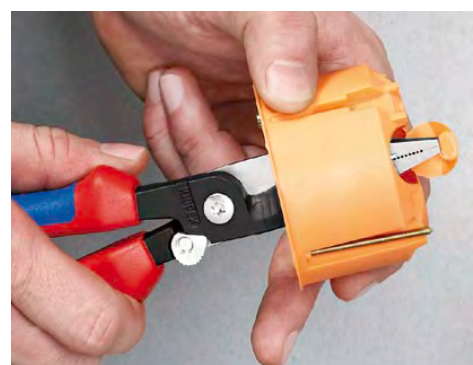
No. 13 92 200



No. 13 86 200



No. 13 96 200



INNOVATION

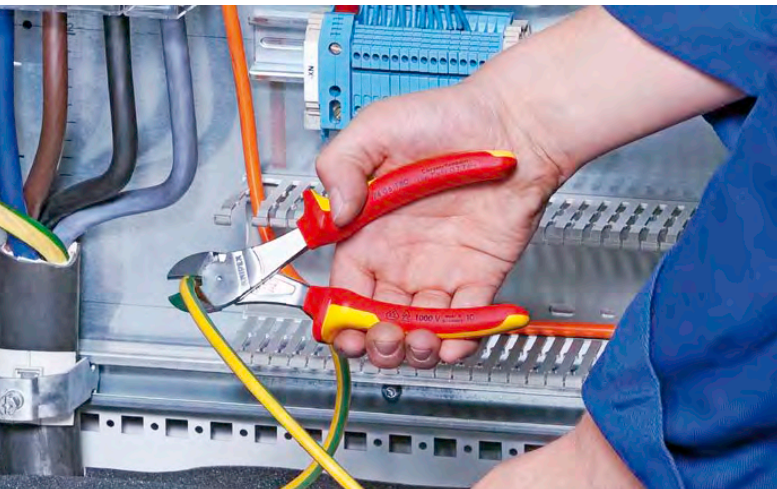
Article No.	EAN 4003773-		Pliers	Head	Handles	Cutting capacities		g	mm
						Ø mm	mm ²		
13 81 200	075240		black atramentized	polished	plastic coated	15	50	265	200
13 82 200	075080		black atramentized	polished	with multi-component grips	15	50	280	200
13 86 200	075097	⚡ 1000 V	chrome plated		insulated with multi-component grips, VDE-tested	15	50	280	200
13 91 200	075257		black atramentized	polished	plastic coated	15	50	265	200
13 92 200	075103		black atramentized	polished	with multi-component grips	15	50	280	200
13 96 200	075110	⚡ 1000 V	chrome plated		insulated with multi-component grips, VDE-tested	15	50	280	200

High Leverage Diagonal Cutters

- with integrated forged axle for heaviest duty
- high cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle, transmission ratio and ergonomic handle shape
- precision cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC



No. 74 06 200



Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	mm
74 06 160	040705	3.4	2.5	2.0	160
74 06 180	022985	3.8	2.7	2.2	180
74 06 200	033820	4.2	3.0	2.5	200
74 06 250	041955	4.6	3.5	3.0	250

Diagonal Cutters

- 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
- narrow head style for use in confined areas
- Vanadium electric steel; forged, oil-hardened

Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	mm
70 06 125	018124	3.0	2.3	1.5	125
70 06 140	040293	4.0	2.5	1.8	140
70 06 160	021995	4.0	2.8	2.0	160
70 06 180	033813	4.0	3.0	2.5	180

No. 70 06 160



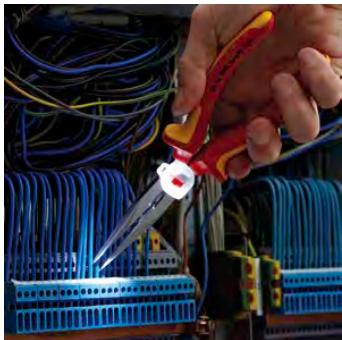
Magnetic LED Lamp Strong. Bright. Compact.

- for illuminating dark working areas
- attachment to tool by means of strong magnets
- very compact dimensions
- approx. 24 hours of lighting, with 2 replaceable button cells (CR1220)
- snap-hook fastening
- impact-resistant plastic housing



Article No.	EAN 4003773-
00 11 V50	075387

INNOVATION



Diagonal Insulation Stripper

- the essential pliers
- precision stripping holes for single (solid) conductors of 1.5 and 2.5 mm²
- induction hardened precision blades, cutting edge hardness approx. 60 HRC
- Vanadium electric steel; forged, oil-hardened



Article No.	EAN 4003773-	Stripping capacities mm ²	AWG	Ø mm	Ø mm	↔ mm
14 26 160	040279	1.5 + 2.5	15 + 13	4	1.5	160

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, oil-hardened

Snipe Nose Side Cutting Pliers

- for gripping and cutting work in precision mechanics
- high loadable, elastic precision points
- knurled gripping surfaces
- Vanadium electric steel; forged, oil-hardened



Article No.	EAN 4003773-		↔ mm
26 16 200	022831	half-round, long jaws, knurled gripping surfaces	200
26 26 200	022855	half-round, long jaws, 40° angled; knurled gripping surfaces	200

Insulation Stripper

- for single, multiple and fine stranded conductors with plastic or rubber insulation max. 5.0 mm dia. or resp. 10.0 mm² cable cross section
- Special tool steel, forged, oil-hardened



Article No.	EAN 4003773-	Stripping capacities Ø mm	mm ²	AWG	↔ mm
11 06 160	021933	5.0	10.0	7	160



No. 03 06 180

Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	mm ²	↔ mm
03 06 160	021902	3.1	2.0	10	16	160
03 06 180	021926	3.4	2.2	12	16	180
03 06 200	033776	3.8	2.5	13	16	200



Article No.	EAN 4003773-		↔ mm
25 06 160	033806	pointed, half-round jaws; serrated gripping surfaces	160
25 26 160	052111	pointed, half-round jaws; 40° angled, serrated gripping surfaces	160
30 16 160	001904	long, trapezoidal jaws; serrated gripping surfaces	160
30 36 160	002123	long, round jaws; smooth gripping surfaces	160



No. 73 72 180

PATENTED

Extremely easy cutting with little strain:
cuts again 50 % easier than the tried and
tested KNIPEX high leverage
diagonal cutters.

KNIPEX TwinForce High Performance Diagonal Cutter

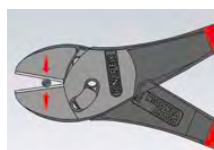
- ideal transmission of force due to double-hinged design
- reliably cuts all types of wire, including steel tape
- for rough or very fine cutting
- low cutting impact: gentle on hands. The tension on muscles and tendons is relieved
- for comfortable cutting, repetitive cutting or extremely hard cutting jobs
- high degree of stability and zero-backlash due to precisely milled forged-in axles
- Chrome vanadium heavy-duty steel, forged, oil-hardened



The superior High-Leverage
Diagonal Cutter
KNIPEX TwinForce with
patented double joint.



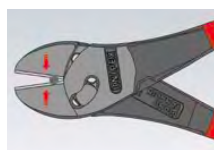
NEW for diagonal cutters: The option to reapply the tool. The KNIPEX TwinForce® cuts even 4 mm thick wire without great effort when reapplied two or three times. Conventional high leverage diagonal cutters either cannot cut these diameters or only with very great effort.



Insert the 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	Cutting capacities				
		Ø mm	Ø mm	Ø mm	Ø mm	mm
73 71 180	074762	5.5	4.6	3.2	3.0	180
73 72 180	074779	5.5	4.6	3.2	3.0	180

Flat Nose Pliers of plastic, insulating

- fully insulating to reduce risk of short circuit
- for meter installation and meter blocking
- plastic material, fibreglass reinforced
- handles with soft plastic zone for better grip



No. 98 62 01

Snipe Nose Pliers of plastic, insulating

- fully insulating to reduce risk of short circuit
- plastic material, fibreglass reinforced
- handles with soft plastic zone for better grip



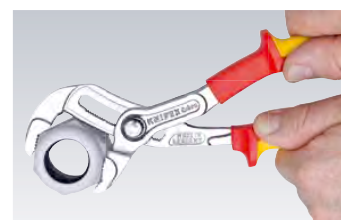
No. 98 62 02

Article No.	EAN 4003773-		Tool	Handles	g	mm
98 62 01	073956		Flat Nose Pliers of plastic, fibreglass reinforced	with soft plastic zone	120	180
98 62 02	073963		Snipe Nose Pliers of plastic, fibreglass reinforced	with soft plastic zone	130	220



KNIPEX Cobra® VDE

- adjustment by shifting one jaw directly on to the workpiece: fast, reliable and comfortable handling
- opening at the touch of a button apart from the workpiece
- fine adjustment to fit very different workpiece sizes with a comfortable handle position
- Chrome vanadium electric steel, forged, oil-hardened



Article No.	EAN 4003773-	Adjustment positions	Ø Inch	Ø mm	mm	mm
87 26 250	071495	24	2	50	46	250

KNIPEX Alligator® Water Pump Pliers

- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- good access to the workpiece due to slim size in the head and joint area
- Chrome vanadium electric steel, forged, oil-hardened

Article No.	EAN 4003773-	Adjustment positions	Ø Inch	Ø mm	mm	mm
88 06 250	039303	9	2	50	46	250

Alligator®



Screwdrivers

- ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force
- handle design prevents rolling
- Chrome vanadium molybdenum steel

No. 98 25 03



Article No.	EAN 4003773-	Phillips® Size	Pozidriv® Size	Blade width mm	Blade thickness mm	Blade length mm	↔ mm
98 20 25	062325	–	–	2.5	0.4	75	177
98 20 30	062332	–	–	3.0	0.5	100	202
98 20 35	024217	–	–	3.5	0.6	100	202
98 20 40	026402	–	–	4.0	0.8	100	202
98 20 55	024224	–	–	5.5	1.0	125	232
98 20 65	026419	–	–	6.5	1.2	150	262
98 24 01	026440	PH 1	–	–	–	80	187
98 24 02	026457	PH 2	–	–	–	100	212
98 24 03	026464	PH 3	–	–	–	150	270
98 25 01	031260	–	PZ 1	–	–	80	187
98 25 02	031277	–	PZ 2	–	–	100	212
98 25 03	031284	–	PZ 3	–	–	150	270



Cable Knives

insulating multi-component handle, VDE-tested

- ergonomically improved handle shape with comfortable slip guard
- particularly confident grip thanks 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

98 54

- back of the blade plastic coated to avoid short circuits

Article No.	EAN 4003773-	Blade length mm	g	↔ mm
98 52	035564	50	67	185
98 54	026563	50	68	185



Dismantling Knives

insulating multi-component handle, VDE-tested

- ergonomically improved handle shape with comfortable slip guard
- particularly confident grip thanks 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

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

Article No.	EAN 4003773-	Blade length mm	g	↔ mm
98 53 03	026549	28	64	170
98 53 13	026556	50	64	185
98 55	022558	38	68	180



Cable Shears

- clean and smooth cut without crushing and deformation
- for cutting copper and aluminium single conductors as well as multiple stranded cables
- not suitable for steel wire and hard drawn copper conductors



No. 95 26 165
Style 2: internal opening spring, protected and captive

Article No.	EAN 4003773-	Ø mm	mm²	AWG	↔ mm
95 11 165	040323	15	50	1/0	165
95 16 165	039648	15	50	1/0	165
95 26 165	069980	15	50	1/0	165
95 16 200	026761	20	70	2/0	200



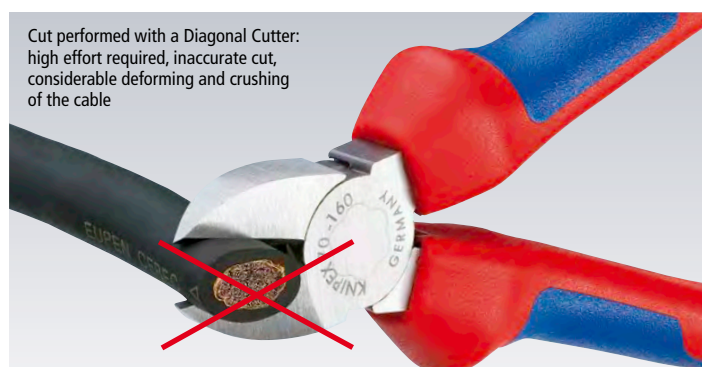
Initial cut: using the front cutting edge to cut the insulating sheath on larger cable diameters leaves an ergonomic handle opening width.



Final cut: after cutting the sheath in the front profile the cut is finished through the metal part of the cable in the rear profile. Initial cut in the front profile, final cut in the rear profile – to keep it as easy as possible.



No. 95 16 200



Cut performed with a Diagonal Cutter:
high effort required, inaccurate cut,
considerable deforming and crushing
of the cable

Cable Cutter ratchet action

PATENTED

- for cutting copper and aluminium single conductors as well as multiple stranded cables
- precision ground, hardened blades
- one-hand operation using ratchet principle
- little handforce required due to very high transmission ratio
- not suitable for steel wire and wire ropes



Article No.	EAN 4003773-	Ø mm	mm²	MCM	↔ mm
95 36 250	026884	32	240	500	250
95 36 280	026891	52	380	750	280



Cable Cutters

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

- easy handling due to low weight (800 g) and compact construction (320 mm length) – usable in confined areas also
- cutting through copper and aluminium cables with diameters of up to 60 mm in one-hand and two-hand operation
- hardened cutting edges, precisely ground, cut smoothly and neatly without crushing
- for cutting copper and aluminium single conductors as well as multiple stranded cables (not suitable for steel wire and wire ropes)
- innovative three-stage ratchet-drive with high leverage for easy cutting in one-hand and two-hand operation
- fixed handle with support area for putting down the pliers when cutting
- High-grade special tool steel, forged, oil-hardened



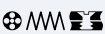

No. 95 32 320



No. 95 36 320


INNOVATION



Article No.	EAN 4003773-		Tool	Handles	Cutting capacities		MCM	g	mm
					Ø mm	mm ²			
95 32 320	075172		black atramentized	with multi-component grips	60	600	1200	800	320
95 36 320	075189		black atramentized	insulated with multi-component grips, VDE-tested	60	600	1200	800	320

Cable Shear with telescopic handles

- 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 thanks 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
- cutting head: special quality high-grade tool steel, oil-hardened
- handles: high-strength oval aluminium tubing

Article No.	EAN 4003773-	 Ø mm	 mm²	MCM	 mm
95 32 038	071556	38	280	550	570 - 770




with adjusting button



Cable Shear

- for cutting copper and aluminium single conductors as well as multiple stranded cables
- not suitable for steel wire and wire ropes
- low handforce required due to favourable lever ratio and special blade geometry
- short design, length only 500 mm
- cutter head: vanadium electric steel, forged, oil-hardened
- handles: aluminium tube, high-strength



Article No.	EAN 4003773-	 Ø mm	 mm²	AWG	 mm
95 12 500	069966	27	150	5/0	500



Huber + Suhner
Multi-Contact
Hirschmann
Tyco
Wieland

Tool Cases for Photovoltaics

- with tools for photovoltaics
- without crimping dies – please order separately for individual assortment
- with service tools (hexagonal key) for the change of crimping dies
- shock-resistant plastic case

With crimping dies
for MC3 connectors



Article No.	EAN 4003773-	
97 91 01	070351	12 12 11 Precision Insulation Stripper 95 16 165 Cable Shears 97 43 200 Crimp System Pliers

Article No.	EAN 4003773-	*
97 91 02	074083	12 12 11 Precision Insulation Stripper 95 16 165 Cable Shears 97 43 200 Crimp System Pliers 97 49 65 Crimping dies* 97 49 65 1 Locator for 97 49 65 (solar cable connectors MC3) 97 49 65 2 Mounting Tool for MC3 connectors

Assortment of insulated tools, VDE tested

Article No.	EAN 4003773-	
98 99 11	026624	1 x 03 07 200 / 1 x 70 07 160 / 1 x 98 20 35 / 1 x 98 20 40 / 1 x 98 20 55 / 1 x 98 24 00 / 1 x 98 42 / 1 x 98 45 125 / 1 x 98 45 250 / 1 x 98 47 10 / 1 x 98 47 11 / 1 x 98 47 12 / 1 x 98 47 13 / 1 x 98 47 14 / 1 x 98 47 17 / 1 x 98 47 19 / 1 x 98 52

Compact Tool Case, 17 parts

with insulated tools for works
on electrical installations



Article No.	EAN 4003773-	
98 99 12	026631	1 x 03 07 200 / 1 x 70 07 160 / 1 x 98 00 10 / 1 x 98 00 11 / 1 x 98 00 12 / 1 x 98 00 13 / 1 x 98 00 14 / 1 x 98 00 17 / 1 x 98 00 19 / 1 x 98 53 03 / 1 x 98 20 25 / 1 x 98 20 35 / 1 x 98 20 40 / 1 x 98 20 55 / 1 x 98 24 00 / 1 x 98 24 01 / 1 x 98 24 02 / 1 x 98 40 / 1 x 98 47 10 / 1 x 98 47 11 / 1 x 98 47 12 / 1 x 98 47 13 / 1 x 98 47 14 / 1 x 98 47 17 / 1 x 98 47 19 / 1 x 98 52

Standard Tool Case, 26 parts

with insulated tools for works
on electrical installations



Article No.	EAN 4003773-	
98 99 13	026648	1 x 03 07 200 / 1 x 11 07 160 / 1 x 26 17 200 / 1 x 70 07 160 / 1 x 98 20 65 / 1 x 95 17 200 / 1 x 98 00 10 / 1 x 98 00 13 / 1 x 98 00 14 / 1 x 98 00 17 / 1 x 98 00 19 / 1 x 98 52 / 1 x 98 20 25 / 1 x 98 20 40 / 1 x 98 20 55

Toll Roll, 15 parts

with insulated tools for works
on electrical installations



Article No.	EAN 4003773-	
00 21 15	024804	1 x 03 06 180 / 1 x 11 06 160 / 1 x 26 16 200 / 1 x 70 06 160 / 3 x Wera screwdrivers
00 21 15 LE	045175	without tools

Tool Box, 7 parts for electrical contractors

with 4 KNIPEX-pliers and
3 WERA screwdrivers



Article No.	EAN 4003773-	
00 20 12	012412	1 x 03 06 180 / 1 x 26 16 200 / 1 x 70 06 160 /

Electro Set

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



Article No.	EAN 4003773-	
00 20 13	043287	KNIPEX: 1 x 26 16 200 / 1 x 70 06 160 Wera: 1 x 00 61 10 / 1 x 00 61 20 / 1 x 00 61 54

VDE Tool Set

tools VDE-tested in conformance
to DIN EN/IEC 60900 1000V,
pliers chrome-plated; handles
with multi-component covers



Article No.	EAN 4003773-	
98 99 14	026655	1 x 03 07 200 / 1 x 11 17 160 / 1 x 70 07 160 / 1 x 88 07 250 / 1 x 95 17 200 / 1 x 98 00 10 / 1 x 98 00 13 / 1 x 98 00 14 / 1 x 98 00 17 / 1 x 98 00 19 / 1 x 98 00 22 / 1 x 98 01 10 / 1 x 98 01 13 / 1 x 98 01 14 / 1 x 98 01 17 / 1 x 98 01 19 / 1 x 98 01 22 / 3 x 98 67 05 / 1 x 98 20 25 / 1 x 98 20 40 / 1 x 98 20 55 / 1 x 98 20 65 / 1 x 98 24 01 / 1 x 98 24 02 / 1 x 98 40 / 1 x 98 42 / 1 x 98 45 125 / 1 x 98 45 250 / 1 x 98 47 10 / 1 x 98 47 11 / 1 x 98 47 12 / 1 x 98 47 13 / 1 x 98 47 14 / 1 x 98 47 17 / 1 x 98 47 19 / 1 x 98 47 22 / 1 x 98 47 24 / 1 x 98 52 / 1 x 98 53 03 / 6 x 98 64 02 / 1 x 98 65 40

Universal Tool Case, 48 parts

with insulated tools for works on electrical installations



Article No.	EAN 4003773-	
00 21 01 TL	050162	each 1 x 03 06 180 / 11 06 160 / 25 06 160 / 70 06 160 / 98 52 / PUK® Junior Hacksaw / Plasterer's bowl Nölle / Screwdrivers Wera for slotted screws 1 x 0.4 x 2.5 x 80 mm; 1 x 0.6 x 3.5 x 100 mm; 1 x 1.0 x 5.5 x 125 mm; 1 x 1.2 x 6.5 x 150 mm / Screwdrivers Wera, cross recessed Phillips® 1 x PH1 x 80 mm; 1 x PH2 x 100 mm / Screwdrivers Wera for slotted screws 1 x 1.0 x 6.0 x 125 mm; 1x 1.2 x 6.5 x 150 mm / 16 20 165 / Picard: Locksmith's hammer / Chipping hammer / flat brush / Painter's spatula / Metre ruler (yardstick) / Rennsteig: Electrician's chisel / Mason's chisel / Wera Voltage detector

Tool Bag, 24 parts

for electrical contractors, top model

contains 24 brand name quality tools, partly VDE tested according to DIN EN/IEC 60900, 1000 V; comfortable bag of hard-wearing leather, with front bag, adjustable retaining loops and belt



Article No.	EAN 4003773-	
00 21 02 SL	050162	each 1 x 03 05 180 / 11 05 160 / 16 20 165 / 25 05 160 / 70 05 160 / 98 52 / Plasterer's bowl Nölle / Haunstätter PUK®-Junior Hacksaw / Picard: Locksmith's hammer / Sledge hammer / Flat brush / Painter's spatula/ Carpenter's pencil / Rennsteig: Electrician's chisel / Mason's chisel / Wera Screwdrivers Kraftform Comfort for slotted screws 1 x 0.4 x 2.5 x 80 mm; 1 x 0.6 x 3.5 x 100 mm; 1 x 1.0 x 5.5 x 125 mm; 1 x 1.2 x 6.5 x 150 mm / Wera Screwdrivers Kraftform Comfort, cross recessed Phillips® 1 PH 1 x 80 mm; Wera Screwdrivers Kraftform Comfort, cross recessed Pozidriv® 1 x PZ; 1 x 80 mm; 1 x PZ2 x 100 mm / Wera Voltage detector

Tool Bag, 24 parts

apprentices tool bag for electrical contractors

contains 24 brand name quality tools, partly VDE tested according to DIN EN/IEC 60900, 1000 V; comfortable bag of hard-wearing leather, with front bag, adjustable retaining loops and belt



Article No.	EAN 4003773-	
00 21 20	052166	1 x 03 06 180 / 1 x 26 16 200 / 1 x 26 26 200 / 1 x 70 06 160 / 1 x 74 06 200 / 1 x 95 16 200 / 1 x 98 56 / 1 x 86 03 180 / 1 x 87 03 250 / 1 x 12 40 200 / 1 x 16 80 125 / 9 x Wera screwdrivers

Tool Case „Electric“, 20 parts

with 11 KNIPEX tools and 9 WERA screwdrivers; hard-shell case of ABS-material, with base tray, document compartment, cover plate, with surrounding aluminium frame



Article No.	EAN 4003773-	
00 21 30	052166	1 x 03 06 180 / 1 x 26 16 200 / 1 x 26 26 200 / 1 x 70 06 125 / 1 x 70 06 160 / 1 x 92 27 62 / 1 x 98 56 / 1 x 00 11 03 / 1 x 12 40 200 / 1 x 16 80 125 / 1 x 86 03 180 / 1 x 87 03 250 / 11 Wera screwdrivers

Tool Case for electrical contractors, 23 parts

with 12 KNIPEX tools and 11 WERA screwdrivers; hard-wearing ABS hard-shell construction with aluminium frame and circular buffer protection



Stripping Tool for coax cables

- for dismantling and stripping all common coax cables between 4.8 – 7.5 mm dia. (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
- body: plastic, fibreglass-reinforced

Article No.	EAN 4003773-	Stripping capacities		↔
		Ø mm	mm ²	mm
16 60 100 SB	040811	4,8 - 7,5	3 x 0,75	100



Universal Dismantling Tools

- for dismantling and stripping all common round and damp-proof installation cables between 8.0 - 13.0 mm dia. (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

Model 16 85 125 SB:

- with additional blade for longitudinal cuts
- telescopic blade inside



No. 16 80 125 SB		No. 16 85 125 SB		
Article No.	EAN 4003773-	Stripping capacities	Types of cables	↔
		Ø mm		mm
16 80 125 SB	040828	8.0 - 13.0	round cable, e.g.: 3 x 1.5 mm ² up to 5 x 2.5 mm ²	125
16 85 125 SB	060444	8.0 - 13.0	round cable, e.g.: 3 x 1.5 mm ² up to 5 x 2.5 mm ²	125

Dismantling Tool for data cables

- for stripping UTP and STP data cables with diameters of 4.5 to 10.0 mm
- stripping device for cross-sections 0.2 / 0.3 / 0.8 / 1.5 / 2.5 / 4.0 mm²
- body: plastic, fibreglass-reinforced



Article No.	EAN 4003773-	Stripping capacities		↔
		Ø mm	mm ²	mm
16 65 125 SB	043157	4.5 - 10.0	0.2 - 4.0	125

Dismantling Tools

- for stripping all common round cables
- self-tightening holding lever
- with adjusting screw for cutting depth adjustment
- housing: plastic, impact-proof

No. 16 20 165 SB

- with knife and hook blade, protective cap included



No. 16 20 165 SB

Article No.	EAN 4003773-	Stripping capacities	↔
		Ø mm	mm
16 20 165 SB	043133	8.0 - 28.0	165
16 20 28 SB	060468	8.0 - 28.0	130

Dismantling Tool

- for dismantling round cable sheaths made of PVC, rubber, silicone or PTFE from 6.0 - 29.0 mm dia.
- self-tightening holding lever
- housing: plastic, impact-proof

Article No.	EAN 4003773-	Stripping capacities	↔
		Ø mm	mm
16 30 135 SB	033349	6,0 - 29,0	135

Dismantling Tool

- for dismantling round cables exceeding 25.0 mm dia.
- removes all kinds of insulation layers
- suitable for longitudinal and circular cutting
- tool body: plastic, fibreglass-reinforced

Article No.	EAN 4003773-	Stripping capacities	↔
		Ø mm	mm
16 40 150	026709	> 25	150



Automatic Insulation Stripper

- compact standard tool at a favourable price for all current cable cross-sections and insulating materials
- for single, multiple and fine stranded cables of 0.2 up to 6.0 mm² with standard insulation
- body: plastic, fibreglass-reinforced

Article No.	EAN 4003773-	mm ²	AWG	mm
12 62 180	054573	0.2 - 6.0	24 - 10	180

Self-Adjusting Insulation Stripper

- for single, multiple and fine stranded conductors with plastic or rubber insulation
- cutting depth can be adjusted for different insulation materials
- body: plastic, fibreglass-reinforced



Article No.	EAN 4003773-	mm ²	AWG	mm
12 40 200	026662	0.03 - 10.0	32 - 7	200

KNIPEX MultiStrip 10

PATENTED

- fully automatic adjustment to commercially used single-, multi- and fine-stranded conductors with standard insulation throughout the entire capacity range from 0.03 to 10.0 mm²
- with wire cutter for copper and aluminium conductors, multi-stranded up to 10 mm² and single-stranded up to 6 mm²
- blade: special tool steel, oil-hardened



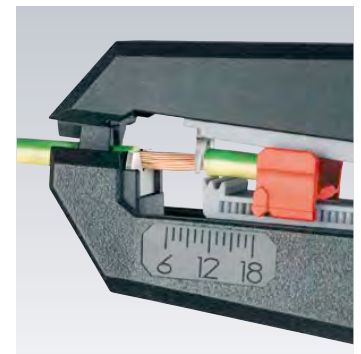
Article No.	EAN 4003773-	Ø mm	mm ²	mm
12 42 195	054580	0.03 - 10.0	32 - 7	195

Insulation Stripper with adapted blades

- with replaceable blades for 4 different conductor cross-sections
- leave wire undamaged thanks to precision-ground blade shapes, even multi-stranded conductors are stripped gently
- with length stop for constant stripping length during repetitive work



Article No.	EAN 4003773-	Stripping capacities Ø mm	mm
12 11 180	000792	0.5 / 1.2 / 1.6 / 2.0	180

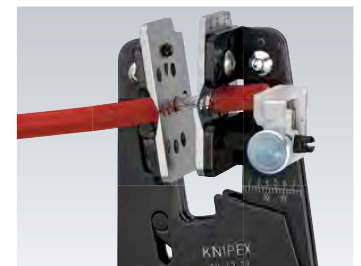


Precision Insulation Strippers

- form-fit stripping also of difficult-to-remove insulating materials made of PTFE, silicone, Radox®, Kapton® and rubber; multi-layer too
- replaceable shaped blade adapted precisely to the respective conductor cross-section
- with length stop for constant stripping length during repetitive work
- a second pair of blades holds the remaining insulation reliably in place



No. 12 12 12



Article No.	EAN 4003773-	mm ²	AWG	Stripping capacities mm ²	mm
12 12 06	049005	0.14 - 6.0	26 - 10	0.14 / 0.25 / 0.75 / 1.5 / 2.5 / 4.0 / 6.0	195
12 12 10	049012	2.5 - 10.0	13 - 7	2.5 / 4.0 / 6.0 / 10.0	195
12 12 11	062998	1.5 - 6.0	15 - 10	1.5 / 2.5 / 4.0 / 6.0	195
12 12 12	073758	4.0 - 10.0	11 - 7	4.0 / 6.0 / 10.0	195

Automatic Insulation Stripper for flat cable

- for PVC insulated flat cables up to a max. 12 mm width and 0.75 to 2.5 mm²
- adapts automatically to the various conductor heights; prevents damage to the conductor
- long stripping lengths possible
- blade replaceable

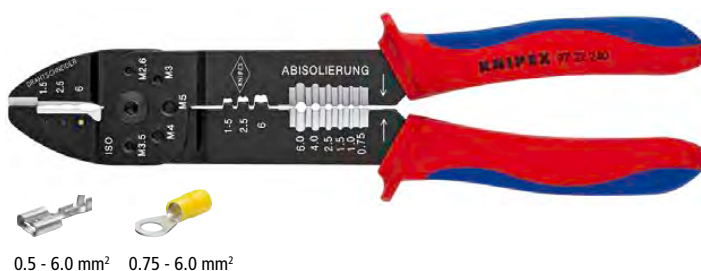


Article No.	EAN 4003773-	Stripping capacities Ø mm	AWG	mm
12 64 180	073284	0.75 - 2.5	19 - 13	180

Crimping Pliers

- for cutting cables, stripping wire and crimping insulated and non-insulated terminals, connectors and plug type connectors

Article No.	EAN 4003773-	Application	↔ mm
97 22 240	070726	insulated terminals and plug connectors; non-insulated open plug-type connectors	240



KNIPEX PreciForce®

- repetitive, high crimping quality due to precision dies and integral lock (self-releasing mechanism)
- optimum transmission of force thanks to toggle lever for fatigue-reduced operation



Article No.	EAN 4003773-	Application	↔ mm
97 52 36	051893	insulated terminals and plug connectors 0.5 - 6.0 mm; AWG 20 - 10	220
97 52 38	051909	end sleeves (ferrules) 0.25 - 6.0 mm; AWG 23 - 10	220



KNIPEX MultiCrimp®

- crimping pliers with round magazine and five interchangeable crimping die sets for non-insulated open plug connectors
- crimping dies changed quickly and easily without any additional tool
- sorted and protected storage of the interchangeable dies in a round magazine
- same reliable crimping results as with fixed crimping dies



Article No.	EAN 4003773-	Description	↔ mm
97 33 02	066934	with 5 different crimping dies	250



Crimping Pliers for Western plugs

- professional tool for cutting and stripping unshielded ribbon telephone cables
- for crimping 6- and 8-pole Western plugs type RJ 11/12 (9.65 mm width) and type RJ 45 (11.68 mm width)
- exact crimping process due to parallel crimping
- repetitive, high crimping quality due to integral lock (self-releasing mechanism)
- optimum transmission of force thanks to toggle lever
- with length cutter and dismantling knife for ribbon cables 6 and 12 mm length
- with additional stripping device for round cables



Article No.	EAN 4003773-	Application	↔ mm
97 51 10	043171	Western plugs 6- and 8-poles	190
97 51 12	043188	Western plugs 4-, 6- and 8-poles	200

Self-Adjusting Crimping Pliers for end sleeves (ferrules) with lateral access

- self-adjusting adaptation to the desired end sleeve (ferrule) size: no wrong crimps caused by using the wrong die
- repetitive, high crimping quality due to integral lock (self-releasing mechanism)



(PATENTED)

No. 97 53 04

Self-Adjusting Crimping Pliers for end sleeves (ferrules) with front loading

- for crimping end sleeves (ferrules) according to DIN 46228 parts 1 + 4
- self-adjusting adaptation to the desired end sleeve (ferrule) size: no wrong crimps caused by using the wrong die
- repetitive, high crimping quality due to integral lock (self-releasing mechanism)
- crimping pressure has been set precisely (calibrated) in the factory, re-adjustable
- optimum transmission of force thanks to toggle lever for fatigue-reduced operation



(PATENTED)

No. 97 53 09



- square crimping for optimum contact areas in the clamp connection

No. 97 53 08 (PATENTED)

- crimping from 0.08 - 10.0 mm² in one profile
- end sleeves (ferrules) up to 2.5 mm² can also be loaded parallelly from the side

No. 97 53 09 (PATENTED)

- crimping 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

No. 97 90 09

- in a TANOS MINI-systainer® (solid plastic box)
- with crimping pliers for end sleeves 97 53 04



Article No.	EAN 4003773-	Description	Capacity mm ²	↔ mm
97 53 04	028017	Self-Adjusting Crimping Pliers for end sleeves (ferrules) with lateral access	0.08 - 10	180
97 53 14	041474	Self-Adjusting Crimping Pliers for end sleeves (ferrules) with lateral access	0.08 - 6.0	180
97 53 08	040187	Self-Adjusting Crimping Pliers for end sleeves (ferrules) with front loading	0.08 - 10	190
97 53 09	044550	Self-Adjusting Crimping Pliers for end sleeves (ferrules) with front loading	0.08 - 10 + 16	190
97 90 09	028574	Crimp Assortment*		—

* Further Crimp Assortments: www.knipex.com

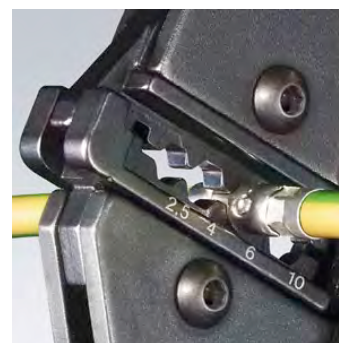
Crimp System Pliers for exchangeable crimping dies

- just one tool for almost 1000 crimping applications
- different locators for precise positioning of the connectors
- almost parallel crimping die movement
- repetitive, high crimping quality due to precision dies and integral lock (self-releasing mechanism)
- crimping pressure has been set precisely (calibrated) in the factory, re-adjustable



(PATENTED)

No. 97 43 200A



97 43 200 with crimping dies 97 49 30 for non-insulated butt connectors



97 43 200 with crimping dies 97 49 35 for spark plug connectors

Article No.	EAN 4003773-	Application	↔ mm
97 43 200 A	071587	for exchangeable crimping dies*	200
97 43 05	030867	with crimping dies for non-insulated open plug-type connectors (4.8 + 6.3 mm connector width*) 5.5 - 6.0 mm ²	
97 43 06	030836	with crimping dies for insulated terminals and plug connectors* 5.5 - 6.0 mm ²	

Crimping Pliers short design – No. 97 52 20

- crimping pressure has been set precisely (calibrated) in the factory, re-adjustable
- good handling due to 20° angled head, low weight and short design

Four-Mandrel Crimping Pliers for turned contacts – No. 97 52 65

- locator for positioning the contacts
- fine adjustment of pressure depending on the conductor's diameter by means of adjusting wheel
- pliers in a plastic case with foam insert



No. 97 52 20



No. 97 52 65

PATENTED

Article No.	EAN 4003773-	Application	Capacity mm ²	↔ mm
97 52 20	026853	COAX-, BNC- and TNC-connectors	5	195
97 52 65	045236	turned contacts (Harting; Ilme; Phoenix; Amphenol; Walther; HTS; Contact; Weidmüller)	0.14 - 6.0	230

Crimping Pliers for end sleeves (ferrules)

- for crimping end sleeves (ferrules) according 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



No. 97 61 145 A



No. 97 68 145 A

Article No.	EAN 4003773-	Capacity mm ²	AWG	Number of crimping positions	↔ mm
97 61 145 A	035558	0.25 - 2.5	23 - 13	6	145
97 68 145 A	071754	0.25 - 2.5	23 - 13	6	145

Insertion tool for LSA-Plus and identical

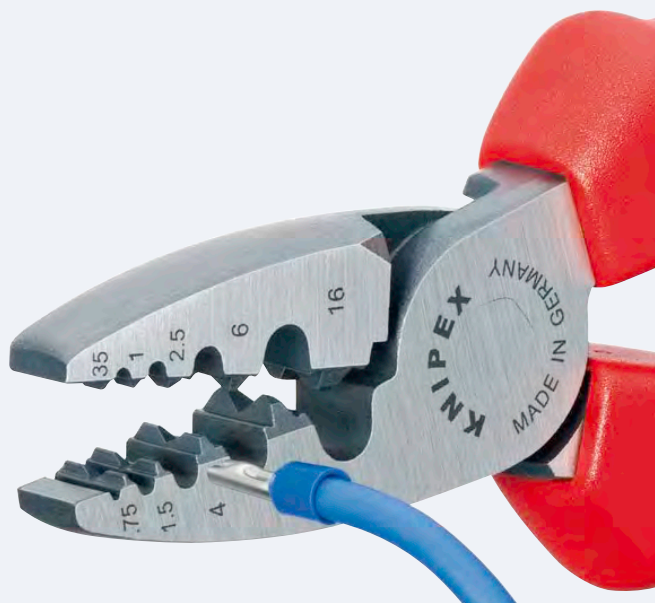
- tool for putting on boards, sockets and fields
- pushing down and cutting in one operation
- for UTP and STP cables, conductor 0.4 – 0.8 mm dia.
- with integrated pulling hook and release blade
- housing: plastic, impact-proof



Article No.	EAN 4003773-	Application	Capacity Ø mm	↔ mm
97 40 10	044895	UTP- and STP-cables, LSA-Plus and identical	0.4 - 0.8	175

Crimping Pliers for end sleeves (ferrules)

- for crimping end sleeves (ferrules) according 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



Article No.	EAN 4003773-	Capacity mm ²	AWG	Number of crimping positions	↔ mm
97 71 180	040668	0.25 - 16.0	23 - 5	9	180

Pipe Cutter for plastic conduit pipes and hoses

- for cutting thin walled plastic pipes (conduit plastic pipes) and flexible hoses, also with fabric reinforcement, of plastic and rubber up to 25 mm dia. / 1" exterior dia.
- not suitable for cutting cables
- with opening spring and locking device
- tool body: plastic, fibreglass-reinforced
- blades: special tool steel, oil-hardened, interchangeable

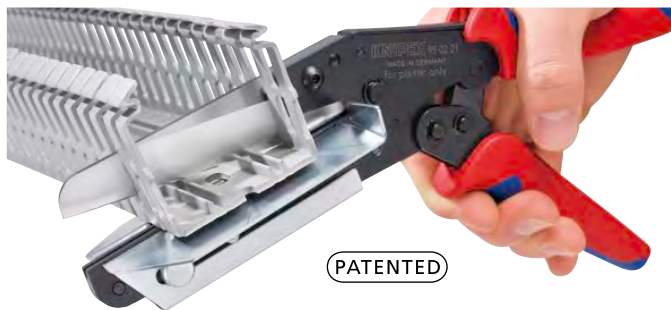
Article No.	EAN 4003773-	Cutting capacities Ø mm	↔ mm
90 20 185	067122	25	185



Pipe Cutter for plastic conduit pipes

- for clean cutting of plastic pipes (e.g. plastic conduit pipes) with 6 - 35 mm dia.
- not suitable for cutting cables
- blade is replaceable and can be retracted from any position
- low force requirement due to special blade geometry and optimum transmission
- minimum operator fatigue due to ergonomic handle design and incremental ratchet blade feed

Article No.	EAN 4003773-	Cutting capacities Ø mm	Cutting edge length mm	↔ mm
94 10 185	047025	6.0 - 35.0	35	185



Vinyl Shear also for cable ducts

- for cutting and shortening cable ducts, also for plastic material up to 4.0 mm thickness
- special lever transmission
- very effective blade geometry
- with opening spring and locking device
- tool body: high-grade chrome vanadium electric steel, oil-hardened

Article No.	EAN 4003773-	Blade length / mm ↔
95 02 21	052128	275

Notching Pliers

PATENTED

- special pliers for notching recesses into plastic ledges and plastic casings for electric and sanitary installation
- notches can be enlarged by initial and final cut
- clean cut edges – no trimming activities needed
- with opening spring, opening limiter and locking lever

Article No.	EAN 4003773-	Capacity mm	↔ mm
90 61 20	051954	20 x 29	250

Combination Shear

- for cutting cardboard, plastics, aluminium, brass and copper foils
- precision ground, hardened blades
- with opening spring and locking device
- not suitable for steel wire or iron sheets
- shears body: surgical steel, stainless, vacuum-hardened
- handles: plastic, impact-proof








Article No.	EAN 4003773-	Description	↔ mm
95 05 190	019602	shear body: surgical steel, stainless, vacuum-hardened	190

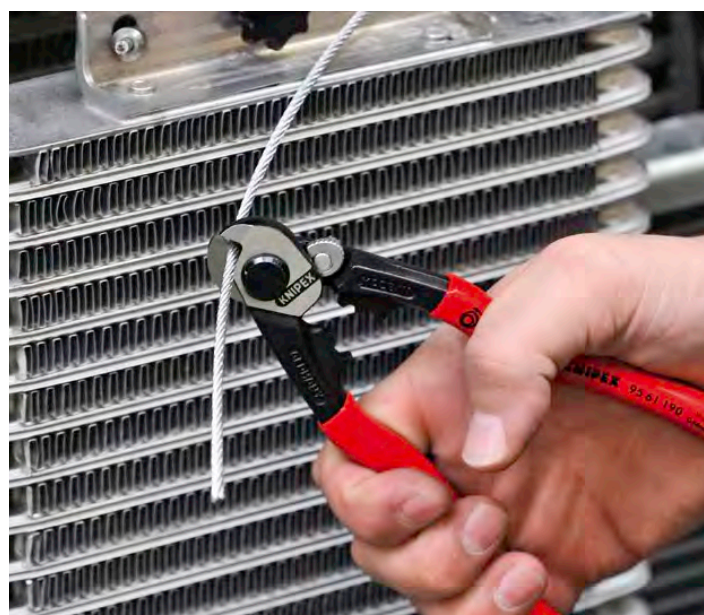


Wire Rope Shears forged

- with two crimping dies for end caps on Bowden cable sheaths and end ferrules for traction cables
- high leverage for reduced effort
- cutting-edge hardness approx. 64 HRC
- Chrome vanadium heavy-duty steel, forged, oil-hardened



Article No.	EAN 4003773-	 mm²	 Ø mm	 Ø mm	 Ø mm	 mm
95 61 190	040651	7	6	4	2.5	190



KNIPEX CoBolt® Compact Bolt Cutters

- precision cutting edges for soft and hard wire and piano wire
- cuts components like bolts, nails, rivets, etc. up to 5.2 mm dia.
- exceptional cutting performance with minimum effort because of unsurpassedly effective lever action design
- cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- Chrome vanadium heavy-duty steel, forged, oil-hardened

No. 71 12 200 / 71 22 200 / 71 32 200

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

No. 71 22 200

- 20° angled head with single-sided joint bar and diagonal cutting edge for flush cutting; with space for gripping

No. 71 32 200

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



No. 71 01 200








No. 71 22 200



No. 71 32 200



No. 71 12 200

Article No.	EAN 4003773-	 Ø mm	 Ø mm	 Ø mm	 Ø mm	 mm
71 01 200	033165	6.0	5.2	4.0	3.6	200
71 12 200	066859	6.0	5.2	4.0	3.6	200
71 22 200	066873	6.0	5.2	4.0	3.6	200
71 32 200	066880	6.0	5.2	4.0	3.6	200



Comparison between 71 2x 200 and 71 0x 200



KNIPEX Cobra® Hightech Water Pump Pliers

- adjustment at the touch of a button directly on the workpiece
- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- Chrome vanadium electric steel, forged, oil-hardened



No. 87 01 560



No. 87 01 400



No. 87 01 300



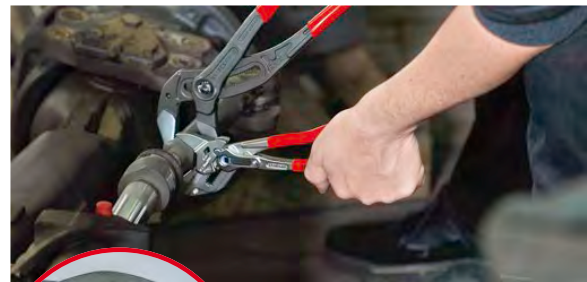
No. 87 01 250



No. 87 01 180



No. 87 01 150



Fine adjustment by pushing a button

Article No.	EAN 4003773-	Adjustment positions	Ø Inch	Ø mm	mm	mm
87 01 125	069935	13	1	27	27	125
87 01 150	060116	11	1 1/4	32	30	150
87 01 180	022015	18	1 1/2	42	36	180
87 01 250	022022	25	2	50	46	250
87 01 300	034087	30	2 3/4	70	60	300
87 01 400	005636	27	3 1/2	90	95	400
87 01 560	044321	20	4 1/2	115	120	560

Cobra®-Set



Article No.	EAN 4003773-	Contents
00 20 09 V02	074793	87 01 180, 87 01 250, 87 01 300



Pliers Wrenches pliers and wrench in a single tool

- excellent for gripping, holding, pressing and bending workpieces
- zero backlash jaw pressure prevents damage to edges of sensitive components
- parallel jaws allow infinitely variable gripping of all widths to the specified maximum size
- lever transmission greater than 10 : 1 for strong gripping power
- Chrome vanadium electric steel, forged, oil-hardened



No. 86 03 150



No. 86 03 180






No. 86 03 250



No. 86 03 300



Article No.	EAN 4003773-	Adjustment positions	 mm	 Inch	 mm
86 03 150	069676	14	27	1	150
86 03 180	035466	13	35	1 3/8	180
86 03 250	033837	17	46	1 3/4	250
86 03 300	041429	22	60	2 3/8	300

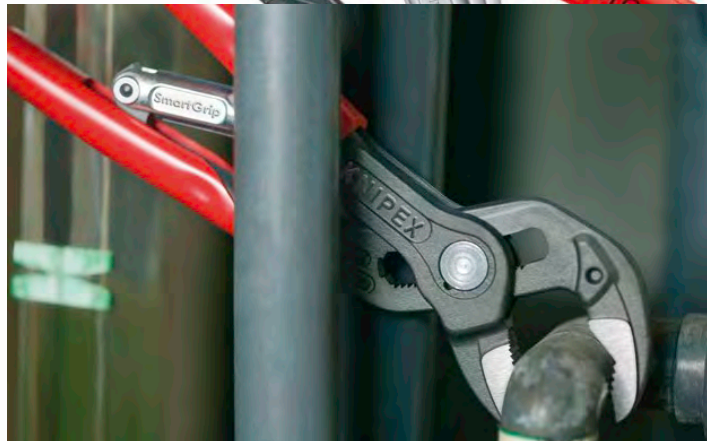


KNIPEX SmartGrip

- ideal for frequent changeovers to workpieces of different sizes
- automatic adjustment per one-hand operation both for right-handed and left-handed use
- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- Chrome vanadium electric steel, forged, oil-hardened

PATENTED

Article No.	EAN 4003773-	Ø Inch	Ø mm	mm	mm
85 01 250	061304	1 1/4	32	36	250



Pen-Style Control Cabinet Key for all standard cabinets and shut-off systems

- easy to carry pen-style control cabinet key with fastening clip
- four different key profiles can be utilised by swivelling the key holder
- universal 1/4" bit adapter for standard bits (permanent magnet for retaining)
- additional bit adapter for 1/4" bits inside one key profile
- with inserted bit: cross recess PH 2 and possibility of safekeeping a second bit

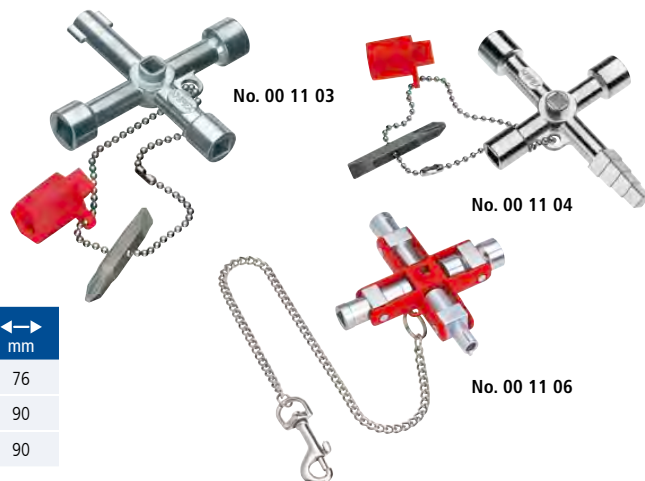


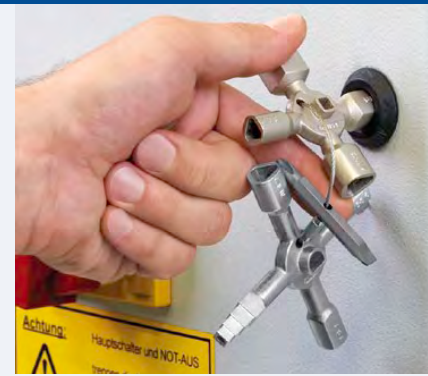
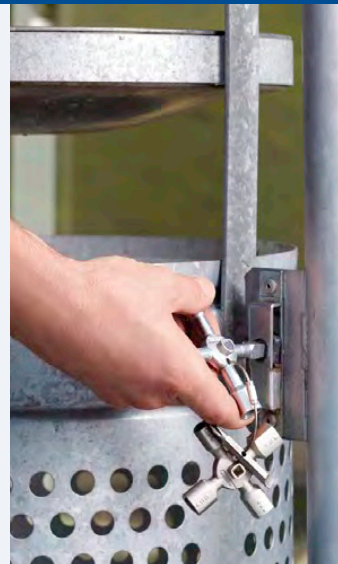
Article No.	EAN 4003773-	mm	mm	mm	mm
00 11 07	063018	5 / 6 / 8	9	5 - 9	145

Control Cabinet Keys

- for control cabinets and shut-off systems in the supply of gas, water and electricity
- for technical installations in buildings, e.g. air conditioning and ventilation systems, shut-off valves, mains switchboards, etc.
- with bit insert: slot 1.0 x 7 mm and cross recess PH 2 (00 11 03 + 00 11 04)

Article No.	EAN 4003773-	mm	mm	mm	mm	mm	mm
00 11 03	041658	5 / 6 / 8	9	3 - 5	—	—	76
00 11 04	048954	5 / 7 / 8	9 - 10	—	—	6 / 7 / 8 / 9	90
00 11 06	071334	5 / 6 / 7 - 8 / 9 - 10	7 / 8 - 9 / 10 - 11	3 - 5	6	—	90

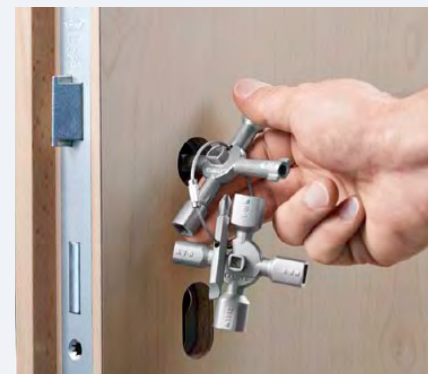




KNIPEX TwinKey®

10 profiles. 2 crosses. 1 key. For all established locking systems

- multifunctional key for the actuation of locking systems from the areas of facilities engineering (heating and sanitation, air-conditioning, electro-technology), gas and water supply and shut-off systems
- 8-arm version: 2 4-way wheel wrenches connected in a space-saving way using magnets
- reversible bit: slot 1.0 x 7 mm and PH 2 cross slot
- wrench and reversible bit joined by stable stainless steel wire
- quality surface coating
- weight-optimised zinc die-cast design



Article No.	EAN	 Ø mm	 Ø mm	 Ø mm	 Ø mm	 mm	 mm
00 11 01	074670	5 / 6 - 7 / 8 - 9 / 10 - 11	7 - 8 / 9 - 10 / 11 - 12	3 - 5	6	6 - 9	95

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