

ELECTRICAL RANGE



40 % less effort required compared to diagonal cutters of the same length

X-Cut® – Compact Diagonal Cutters

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
- 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



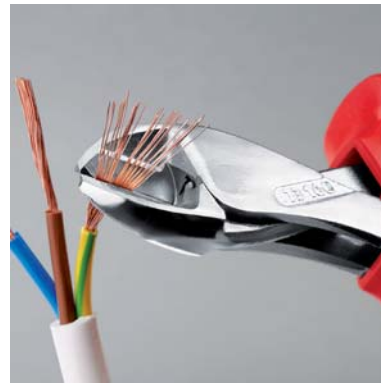
Art. 73 02 160



Art. 73 05 160



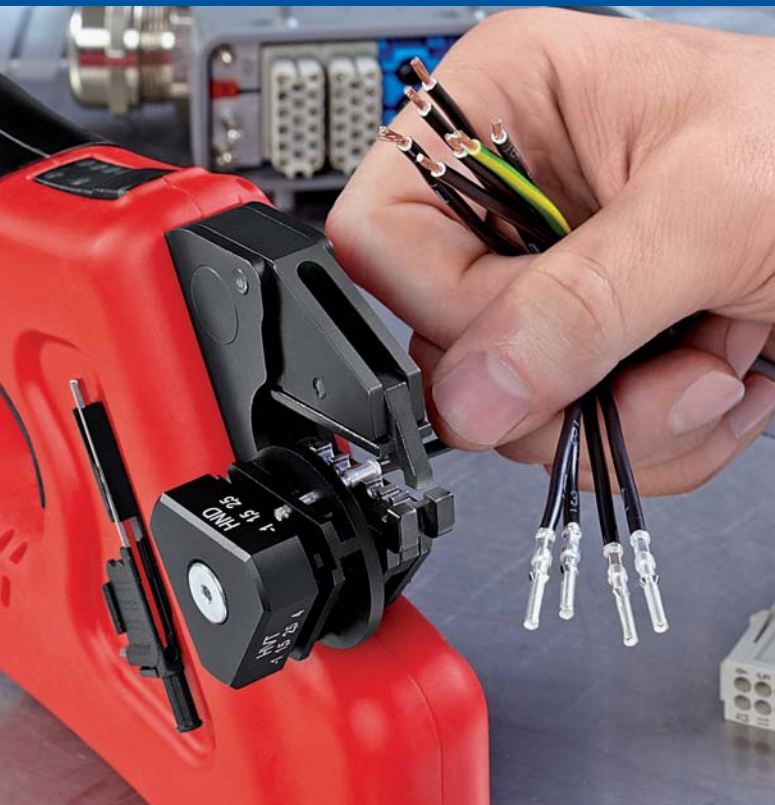
Art. 73 06 160



Article No.	EAN 4003773-		⊙ mm	◐ mm	◑ mm	○ mm	⊕ mm	↔ mm
73 02 160	075127		4.8	3.8	2.7	2.2	12	160
73 05 160	075134		4.8	3.8	2.7	2.2	12	160
73 06 160	075141	⚡ 1000V	4.8	3.8	2.7	2.2	12	160

○ soft wire
 ◐ medium hard wire
 ◑ hard wire
 ● piano wire
 ⊕ Cu- + Al multi-conductor cable, strand and multistranded
 ⊗ wire ropes





KNIPEX eCrimp

Electromechanically actuated crimping pliers for safe crimping of solid terminals up to 25 mm² and end sleeves (ferrules) up to 50 mm².

- strong electromechanical drive, no hydraulic components, no leakages
- possible use of over 40 KNIPEX crimping dies and locators as well as more than 1000 special crimping dies from the proven 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; 1.5 Ah; 18 Wh); charge time approx. 30 min; no memory effect



Article No.	EAN 4003773-	Mains voltage / frequency	Connector socket
97 43 E	076858	230 V / 50 Hz	CEE 7/16













































































Locators

Article No.	EAN 4003773-		Applications
97 49 59 1	073741		Locator for 97 49 59 (solar cable connectors Helios H4)
97 49 65 1	066729		Locator for 97 49 65 (solar cable connectors MC3)
97 49 66 1	066736		Locator for 97 49 66 (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
97 49 71 1	075073		Locator for 97 49 71 (solar cable connectors MC4)
97 49 72 1	076964		Locator for 97 49 72 (MC3) (solar cable connectors MC3)
97 49 90	031017		Locator for 97 49 90 (HTS+Harting)
97 49 93	047926		Locator for 97 49 24 (D-Sub-plugs)
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 different applications (1,000 special crimping dies upon request)

Article No.	EAN 4003773-			Applications	Capacity mm ²	AWG	Capacity SW mm	Sleeves Ø mm	Number of crimping positions
97 49 04	030850			non-insulated open plug-type connectors	0.1 - 2.5	27 - 13			4
97 49 05	030867			non-insulated open plug-type connectors	0.5 - 6.0	20 - 10			3
97 49 06	030836			insulated terminals + plug connectors	0.5 - 6.0	20 - 10			3
97 49 08	030874			End sleeves (ferrules)	0.25 - 6.0	23 - 10			5
97 49 09	030881			End sleeves (ferrules)	10 / 16 / 25	7 / 5 / 3			3
97 49 10	076896			tube cable lugs (standard version). non-insulated solderless terminals in conformance to DIN 46234 and other non-insulated terminals	0.5 - 0.75 / 1.0 - 1.5 / 2.5	13 / 15-17 / 19-20			3
97 49 11	076902			tube cable lugs (standard version). non-insulated solderless terminals in conformance to DIN 46234 and other non-insulated terminals	4 / 6 / 10	7 / 10 / 11			3
97 49 13	030843			non-insulated terminals + plug connectors	0.5 - 10.0	20 - 7			4
97 49 15	043164			lug connectors and non-insulated open plug-type connectors 4.8 + 6.3 mm	1.25 - 2.5 + 3.0 - 6.0	17 - 13; 12 - 9			2 + 1
97 49 16	040675			insulated terminals + plug connectors	10.0 - 16.0	7 / 5			2
97 49 18	063186			Twin end sleeves (ferrules) for two flexible conductors	2 x 6 / 10 / 16	10 / 7 / 5			3
97 49 19	030898			End sleeves (ferrules)	35 - 50	2 / 0			2
97 49 20	045069			F-connectors for TV and satellite connections			7.0 / 8.4 / 8.1	7.7 / 9.5 / 9.5	3
97 49 23	052135			non-insulated terminals + plug connectors	16 + 25	5 + 3			2
97 49 24	030911			D-Sub-; HD 20-; HDE-plugs	0.03 - 0.56	32 - 20			3
97 49 30	030904			non-insulated butt connectors	1.5 - 4.0 6.0 + 10.0*	15 - 7			5
97 49 35	034315			spark plug connectors and distributors	1	17			5
97 49 40	030959			Coax connectors RG 58. 59. 62. 71. 223			5.4 / 6.48 / 1.72	6.4 / 7.6 / 2.1	3
97 49 44	041443			rolled contacts	0.14 - 1.5	26 - 15			3
97 49 50	030966			Coax connectors/Car phone RG 58. 174. 188. 316			3.25 / 4.52 / 5.41 / 1.72 / 1.07	3.9 / 5.4 / 6.4 / 2.1 / 1.3 / 0.95	6
97 49 54	041450			modular plugs	0.5 - 2.5	20 - 13			4
97 49 59	073734			solar cable connectors Helios H4 (Amphenol)	2.5 + 4.0 + 6.0	13 - 10			3
97 49 60	030928			turned contacts (HTS + Harting)	0.14 - 4.0	26 - 11			4
97 49 61	045137			turned contacts (Harting)	1.5 / 2.5 / 4 / 6	10 / 11 / 13 / 15			
97 49 62	063179			solar cable connectors (Huber + Suhner)	2.5 + 4.0	13 + 11			3
97 49 63	066675			solar cable connectors (Huber + Suhner)	4.0 + 6.0	11 + 10			3
97 49 64	044055			ABS-plugs	1.0 - 6.0	17 - 10			2
97 49 65	066682			solar cable connectors MC3 (Multi-Contact)	2.5 - 6.0	13 - 10			3
97 49 66	066699			solar cable connectors MC4 (Multi-Contact)	2.5 - 6.0	13 - 10			3
97 49 66 4	072096			solar cable connectors MC4 (Multi-Contact) cutting - stripping - crimping	4.0	11			1
97 49 66 6	072102			solar cable connectors MC4 (Multi-Contact) cutting - stripping - crimping	6.0	10			1
97 49 67	066705			solar cable connectors SunCon (Hirschmann)	2.5 - 6.0	13 - 10			3
97 49 68	066712			solar cable connectors Solarlok (Tyco)	1.5 - 6.0	15 - 10			4
97 49 69 1	072119			solar cable connectors (Wieland)	1.5 - 2.5	15 + 13			2
97 49 69 2	072126			solar cable connectors (Wieland)	4.0 - 10.0	11 - 7			3
97 49 70	030942			Western plugs	4 / 6 / 8-poles RJ 10 / 11 / 12 / 45				3
97 49 72	076957			solar cable connectors MC4 (Multi-Contact)	4 / 6 / 10	7 / 10 / 11			3

* compression joints in conformance to DIN 46267

Pliers for Electrical Installation

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 0.7 - 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
- slim dimensions for easy access
- joint with screw: precise, zero backlash operation of pliers
- High-grade special tool steel, forged, oil-hardened

Art. 13 91 200 / 13 92 200 / 13 96 200

- locking lever: gripping, without opening the pliers completely (intelligent latching mechanism in the spring assisted version). The cutting edge remains closed and protected.



Art. 13 81 200




Art. 13 91 200




Art. 13 82 200



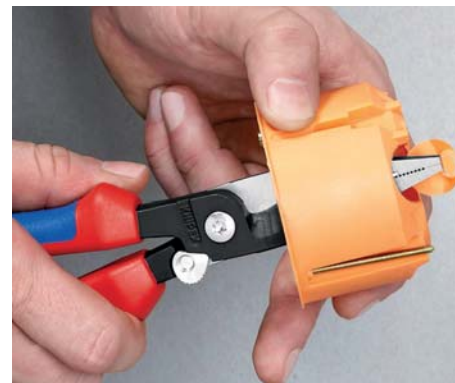
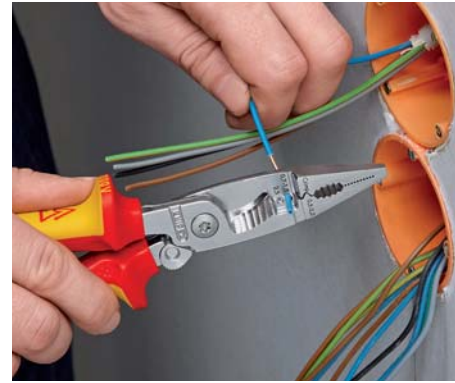
Art. 13 92 200











Art. 13 86 200



Art. 13 96 200

Article No.	EAN 4003773-	Handles	Cutting capacities		
			Ø mm	mm ²	↔ mm
13 81 200	075240	plastic coated	15	50	200
13 82 200	075080	with multi-component grips	15	50	200
13 86 200	075097	 1000 V 	15	50	200
13 91 200	075257		15	50	200
13 92 200	075103		15	50	200
13 96 200	075110	  1000 V 	15	50	200





Art. 73 72 180



PATENTED

TwinForce®

The superior High-Leverage Diagonal Cutter with patented double joint

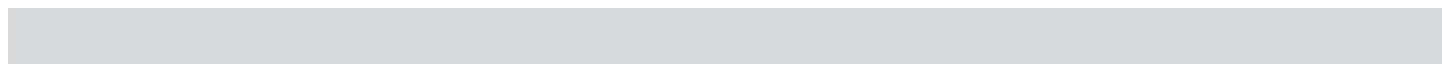
- ideal transmission of force due to double-hinged design
- reliably cuts all types of wire, including steel tape
- for rough or very fine cutting
- low cutting impact: gentle on hands. The tension on muscles and tendons is relieved
- for comfortable cutting, repetitive cutting or extremely hard cutting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



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



Article No.	EAN 4003773-	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



Required hand force
for a nail with Ø 3 mm

18 Kg with reapplying cutter*
KNIPEX TwinForce®
The reapplying cutter*
NEW

33 Kg
KNIPEX X-Cut®
NEW

39 Kg
High Leverage Diagonal Cutter

52 Kg
Diagonal Cutter

* notch - reapply - cut through

THE WORLD OF THE KNIPEX DIAGONAL CUTTERS

KNIPEX TwinForce®	KNIPEX X-Cut®	High Leverage Diagonal Cutter	Diagonal Cutter
The reapplying cutter Double-hinged design Hand force is multiplied by 39	Box joint: greatest stability with little weight Hand force is multiplied by 16	Forged on hinged joint for robust use Hand force is multiplied by 13	Long cutting edges for cutting cable; also precise enough for the finest stranded wires Hand force is multiplied by 9

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



Art. 70 06 160

Article No.	EAN 4003773-	1000V	⊕	⊖	⊙	↔
Article No.	EAN 4003773-		∅ mm	∅ mm	∅ mm	mm
70 06 125	018124	⚡ 1000V	3.0	2.3	1.5	125
70 06 140	040293	⚡ 1000V	4.0	2.5	1.8	140
70 06 160	021995	⚡ 1000V	4.0	2.8	2.0	160
70 06 180	033813	⚡ 1000V	4.0	3.0	2.5	180



Art. 70 06 160



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 and transmission ratio
- precision cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC

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



Art. 74 06 200

Article No.	EAN 4003773-	1000V	⊕	⊖	⊙	↔
Article No.	EAN 4003773-		∅ mm	∅ mm	∅ mm	mm
74 06 160	040705	⚡ 1000V	3.4	2.5	2.0	160
74 06 180	022985	⚡ 1000V	3.8	2.7	2.2	180
74 06 200	033820	⚡ 1000V	4.2	3.0	2.5	200
74 06 250	041955	⚡ 1000V	4.6	3.5	3.0	250

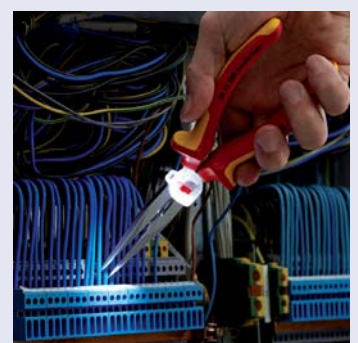
Magnetic LED Lamp

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



Diagonal Insulation Stripper

- 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
- with elongated cutting edge
- improved transmission ratio for 25 % more cutting performance
- 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, oil-hardened



Article No.	EAN 4003773-		Stripping capacities mm ²	AWG	Ø mm	Ø mm	↔ mm
14 26 160	040279	⚡ 1000V	1.5 + 2.5	15 + 13	2.5	1.5	160

Insulation Strippers

- 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		AWG	↔ mm
			Ø mm	mm ²		
11 06 160	021933	⚡ 1000V	5.0	10.0	7	160

Combination Pliers

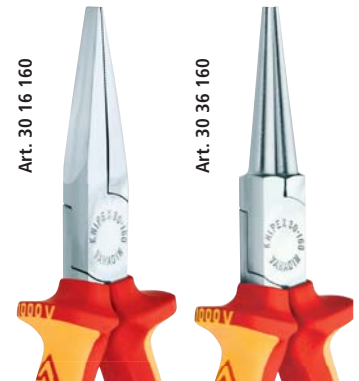
- with gripping zones for flat and round material, suitable for versatile use
- with cutting edges for soft and hard wire
- long cutting edges for thicker cables
- cutting edges additionally induction hardened, cutting edge hardness approx. 60 HRC
- Special tool steel, forged, oil-hardened



Article No.	EAN 4003773-		Ø mm	Ø mm	Ø mm	mm ²	↔ mm
03 06 160	021902	⚡ 1000V	3.1	2.0	10	16	160
03 06 180	021926	⚡ 1000V	3.4	2.2	12	16	180
03 06 200	033776	⚡ 1000V	3.8	2.5	13	16	200

Long Nose Pliers

- heavy duty and wear resisting
- different jaw styles
- Chrome vanadium electric steel, forged, oil-hardened



Article No.	EAN 4003773-			↔ mm
30 16 160	001904	⚡ 1000V	long, trapezoidal jaws, knurled gripping surfaces	160
30 36 160	002123	⚡ 1000V	long, round jaws, smooth gripping surfaces	160

Snipe Nose Side Cutting Pliers

- suitable for finer gripping and cutting work
- knurled gripping surfaces
- with cutting edges for medium hard and hard wire
- cutting edges additionally induction hardened, cutting edge hardness approx. 61 HRC
- Vanadium electric steel; forged, oil-hardened

- Art. 26 .. 200:**
- high loadable, elastic precision points



Article No.	EAN 4003773-			Ø mm	Ø mm	↔ mm	
25 06 160	033806	⚡ 1000V		pointed, half-round jaws	2.5	1.6	160
25 26 160	052111	⚡ 1000V	∠40°	pointed, half-round jaws	2.5	1.6	160
26 16 200	022831	⚡ 1000V		half-round, long jaws, knurled gripping surfaces	3.2	2.2	200
26 26 200	022855	⚡ 1000V	∠40°	half-round, long jaws, knurled gripping surfaces	3.2	2.2	200

Flat Nose Pliers / Snipe Nose Pliers of plastic

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



Art. 98 62 01



Art. 98 62 02

Article No.	EAN 4003773-		↔ mm
98 62 01	073956	⚡ 1000V	180
98 62 02	073963	⚡ 1000V	220



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!

Cobra®

Cobra® Hightech Water Pump Pliers, insulated

- 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 for optimum adaptation to different sizes of workpieces and a comfortable handle width
- Chrome vanadium electric steel, forged, oil-hardened



Article No.	EAN 4003773-		Adjustment positions	⊘ Inch	⊘ mm	⬡ mm	↔ mm
87 26 250	071495	⚡ 1000V	24	2	50	46	250

Alligator® Water Pump Pliers, VDE-tested

- 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	⊘ Inch	⊘ mm	⬡ mm	↔ mm
88 06 250	039303	⚡ 1000V	9	2	50	46	250



Alligator®



Art. 98 25 03

Screwdrivers

VDE-tested

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



Article No.	EAN 4003773-			Blade width mm	Blade thickness mm	Blade length mm	↔ mm
98 20 25	062325	⚡ 1000 V	⊖	2.5	0.4	75	177
98 20 30	062332	⚡ 1000 V	⊖	3.0	0.5	100	202
98 20 35	024217	⚡ 1000 V	⊖	3.5	0.6	100	202
98 20 40	026402	⚡ 1000 V	⊖	4.0	0.8	100	202
98 20 55	024224	⚡ 1000 V	⊖	5.5	1.0	125	232
98 20 65	026419	⚡ 1000 V	⊖	6.5	1.2	150	262
98 24 01	026440	⚡ 1000 V	⊕ PH 1	-	-	80	187
98 24 02	026457	⚡ 1000 V	⊕ PH 2	-	-	100	212
98 24 03	026464	⚡ 1000 V	⊕ PH 3	-	-	150	270
98 25 01	031260	⚡ 1000 V	⊕ PZ 1	-	-	80	187
98 25 02	031277	⚡ 1000 V	⊕ PZ 2	-	-	100	212
98 25 03	031284	⚡ 1000 V	⊕ PZ 3	-	-	150	270

Cable Knives

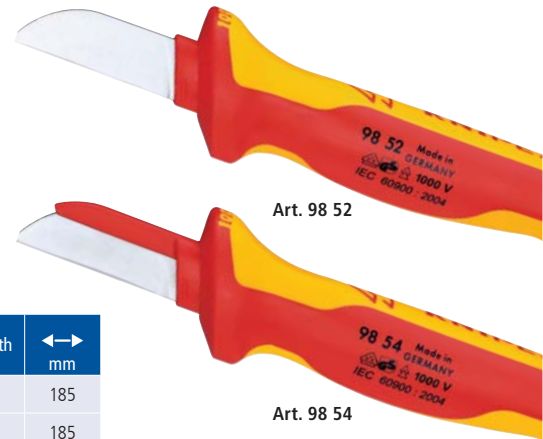
insulating multi-component handle, VDE-tested

- 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	↔ mm
98 52	035564	⚡ 1000 V	50	185
98 54	026563	⚡ 1000 V	50	185



Art. 98 52

Art. 98 54

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	↔ mm
98 53 03	026549	⚡ 1000 V	28	170
98 53 13	026556	⚡ 1000 V	50	185
98 55	022558	⚡ 1000 V	38	180



Art. 98 53 03

Art. 98 53 13

Art. 98 55

Cable Shears

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

95 26 165

- internal opening spring, protected and captive



Article No.	EAN 4003773-		⊕	⊕	AWG	↔
			Ø mm	mm ²		mm
95 11 165	040323		15	50	1/0	165
95 16 165	039648	⚡ 1000V ⚡	15	50	1/0	165
95 26 165	069980	⚡ 1000V ⚡	15	50	1/0	165

Cable Shears with twin cutting edge

- 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



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.

Article No.	EAN 4003773-		⊕	⊕	AWG	↔
			Ø mm	mm ²		mm
95 16 200	026761	⚡ 1000V ⚡	20	70	2/0	200

Cable Cutters (ratchet action)

- 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

(PATENTED)



Article No.	EAN 4003773-		⊕	⊕	MCM	↔
			Ø mm	mm ²		mm
95 36 250	026884	⚡ 1000V ⚡	32	240	500	250
95 36 280	026891	⚡ 1000V ⚡	52	380	750	280



Cable Cutters (ratchet principle, 3-stage)

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

First manual ratchet-action cable cutter
for one-hand and two-hand operation
for cutting copper and aluminium cables
with diameters of up to 60 mm!



Art. 95 32 320



Art. 95 36 320



Article No.	EAN 4003773-		Ø mm	mm ²	MCM	mm
95 32 320	075172		60	600	1200	320
95 36 320	075189		60	600	1200	320

Cable Shears (ratchet action) 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 NYN) in copper and aluminium cables
- easier, neater cut due to optimised cutting-edge geometry
- adjustable bolted joint
- cutting head: special quality high-grade tool steel, oil-hardened
- handles: high-strength oval aluminium tubing

Article No.	EAN 4003773-	Ø mm	mm ²	MCM	↔ mm
95 32 038	071556	38	280	550	570 - 770



with
adjusting button



Cable Shears short design, length only 500 mm

- 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
- cutter head: vanadium electric steel, forged, oil-hardened
- handles: aluminium tube, high-strength



Article No.	EAN 4003773-	Ø mm	mm ²	AWG	↔ mm
95 12 500	069966	27	150	5/0	500

Dismantling Tool

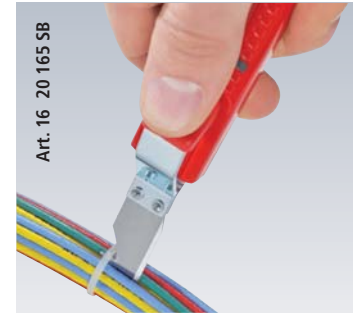
- for stripping all common round cables
- self-tightening holding lever
- housing: plastic, impact-proof

Art. 16 20 165 SB

- with knife and hook blade, protective cap included



Art. 16 20 165 SB



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

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)
- double shell, folding back stripping tool
- also for use in conduit and distribution boxes
- body: plastic, fibreglass-reinforced

Art. 16 85 125 SB:

- with additional blade for longitudinal cuts
- telescopic blade inside

Art. 16 90 130 SB:

- specially 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



Art. 16 80 125 SB

Article No.	EAN 4003773-	Stripping capacities Ø mm	Cable type	↔ mm
16 64 125 SB	076933	4.0 - 13.0	flat cable 12 mm / round cable Ø 4 - 13 mm	125
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
16 90 130 SB	076940	8.0 - 13.0	round cable, e.g.: 3 x 1.5 mm ² up to 5 x 2.5 mm ²	130

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		↔ mm
		Ø mm	mm ²	
16 60 100 SB	040811	4.8 - 7.5	3 x 0.75	100

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		↔ mm
		Ø mm	mm ²	
16 65 125 SB	043157	4.5 - 10.0	0.2 - 4.0	125



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
- body: plastic, fibreglass-reinforced



Article No.	EAN 4003773-	Stripping capacities Ø mm	↔ mm
16 30 135 SB	033349	6.0 - 29.0	135

Dismantling Tool

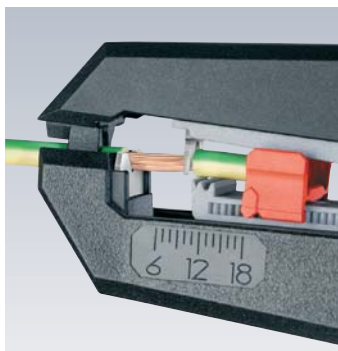
- for dismantling round cables exceeding 25.0 mm dia.
- removes all kinds of insulation layers
- suitable for longitudinal and circular cutting



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
- blades: special tool steel, oil-hardened, interchangeable



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

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-	MM	Stripping capacities		
			mm	AWG	↔ mm
12 64 180	073284	MM	0.75 - 2.5	19 - 13	180

Precision Insulation Stripper

- form-fit stripping also 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



PATENTED

Art. 12 12 12



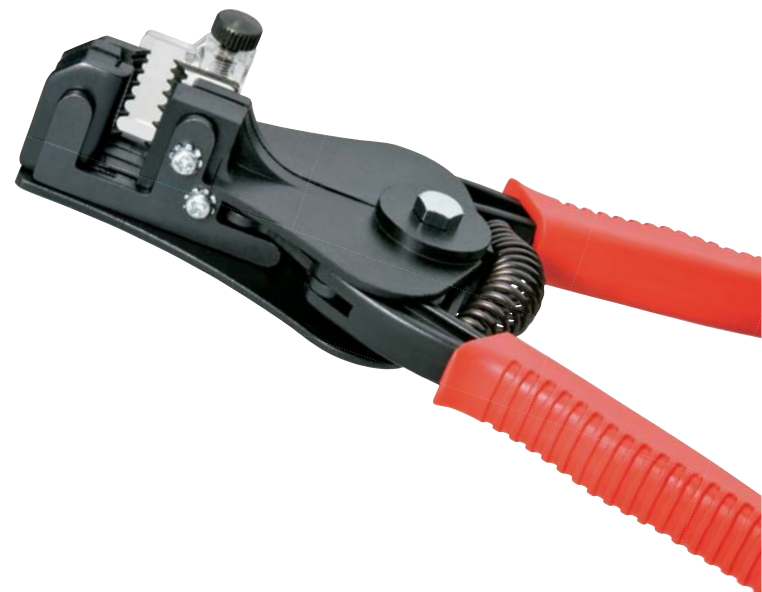
Article No.	EAN 4003773-		Stripping capacities		↔ mm
			mm ²	AWG	
12 12 06	049005	⌘	0.14 - 6.0	26 - 10	195
12 12 10	049012	⌘	2.5 - 10.0	13 - 7	195
12 12 11	062998	⌘	1.5 - 6.0	15 - 10	195
12 12 12	073758	⌘	4.0 - 10.0	11 - 7	195

Registered Trademarks of the companies
E. I. du Pont de Nemours and Company: Kapton® / Huber+Suhrner AG: Radox®



Insulation Stripper with adapted blades

- with replaceable blades for 4 or 6 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

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
- blade: special tool steel, oil-hardened

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



MultiStrip 10 Automatic Insulation Stripper

- 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
- no manual fine adjustment required, no damage to the conductors
- the clamping jaws made of steel with integrated cutting edge hold the cable in a way that prevents slipping without damaging the remaining insulation



PATENTED

Article No.	EAN 4003773-		Stripping capacities		↔ mm
			mm ²	AWG	
12 42 195	054580	MM	0.03 - 10.0	32 - 7	195

Crimping Pliers

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



Art. 97 21 215

Article No.	EAN 4003773-			Capacity		↔ mm
				mm ²	AWG	
97 21 215	019688			0.75 - 6.0	18 - 10	230
97 21 215 B	019695			0.5 - 2.5	20 - 13	230
97 21 215 C	019701			0.5 - 6.0	20 - 10	230
97 22 240	070726			0.75 - 6.0	18 - 10	240
				0.5 - 6.0	20 - 10	



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



Art. 97 52 36



Art. 97 52 38

Article No.	EAN 4003773-	Icon	Capacity	Capacity		
				mm ²	AWG	mm
97 52 36	051893			0.5 - 6.0	20 - 10	220
97 52 38	051909			0.25 - 6.0	23 - 10	220

MultiCrimp®

Crimping Pliers with quick changer magazine

- crimping pliers with round magazine and five interchangeable crimping die sets for non-insulated open plug connectors
- 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



Article No.	EAN 4003773-	Icon	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 4-, 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)
- with length cutter and dismantling knife for ribbon cables 6 and 12 mm length
- with additional stripping device for round cables
- Chrome vanadium electric steel in special quality, oil-hardened



Art. 97 51 12

Article No.	EAN 4003773-	Applications	Icon	mm
97 51 10	043171	6- and 8-poles		220
97 51 12	043188	4-, 6- and 8-poles		220

Self-Adjusting Crimping Pliers for end sleeves (ferrules)

- 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)

Art. 97 53 04

- square crimping for optimum contact areas in the clamp connection

Art. 97 53 14

- hexagonal crimping for optimum positioning in confined areas

Art. 97 53 08

- 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



PATENTED

Art. 97 53 04



PATENTED

Art. 97 53 09

Art. 97 53 09

- 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

Art. 97 90 09

- in a TANOS MINI-systainer® (solid plastic box) with an assortment of end sleeves (ferrules) with collar
- with Self-Adjusting Crimping Pliers for End Sleeves (ferrules) 97 53 04



Art. 97 90 09



Article No.	EAN 4003773-	Icon	Icon	Description	Capacity		↔ mm
					mm ²	AWG	
97 53 04	028017	☒	MM	with lateral access	0.08 - 10.0	28 - 7	180
97 53 14	041474	☒	MM	with lateral access	0.08 - 6.0	28 - 10	180
97 53 08	040187	☒	MM	with front loading	0.08 - 10.0	28 - 7	190
97 53 09	044550	☒	MM	with front loading	0.08 - 10.0 + 16.0	28 - 7 + 5	190
97 90 09	028574	☒	MM	Crimp Assortment in a TANOS MINI-systainer® with crimping pliers for end sleeves 97 53 04	0.08 - 10.0	28 - 7	180

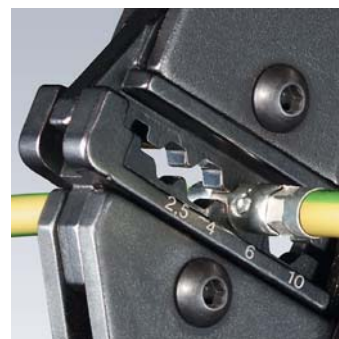
Crimp System Pliers for exchangeable crimping dies

- just one tool for almost 1000 crimping applications
- 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
- different locators for precise positioning of the connectors



PATENTED

Art. 97 43 200 A



43 200 with crimping dies
94 49 30 for non-insulated butt connectors



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

Article No.	EAN 4003773-	Applications	Capacity		↔ mm
			mm ²	AWG	
97 43 200 A	071587	for exchangeable crimping dies*			200
97 43 05	030867	☒ MM	0.5 - 6.0	20 - 10	
97 43 06	030836	☒ MM	0.5 - 6.0	20 - 10	

Crimping Plier short design

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



Article No.	EAN 4003773-	Applications	Capacity mm ²	↔ mm
97 52 20	026853	COAX-, BNC- and TNC-connectors	5.0	195

Four-Mandrel Crimping Pliers for turned contacts

- 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 and standard locator for precise positioning of the contacts



PATENTED

Article No.	EAN 4003773-	Applications	Capacity mm ²	↔ mm
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 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

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



Art. 97 61 145 A



Art. 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



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

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	MM	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	MM	6.0 - 35.0	35	185



PATENTED

Vinyl Shears 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
- tool body: high-grade chrome vanadium electric steel, oil-hardened

Article No.	EAN 4003773-	Blade length mm	↔ mm
95 02 21	052128	110	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	MM	20 x 29	250

Combination Shears

- 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



Article No.	EAN 4003773-		↔ mm
95 05 190	019602	MM	190





Huber + Suhner
Multi-Contact
Hirschmann
Tyco
Wieland

Tool Case 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

With crimping dies
for MC3 connectors



Article No.	EAN 4003773-	Content
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-	Content
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

* Further crimping dies: www.knipex.com

Article No.	EAN 4003773-	Content
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-	Content
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-	Content
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

Tool Roll, 15 parts

with insulated tools for works on electrical installations



Article No.	EAN 4003773-	Content
00 21 15	024804	1 x 03 06 180 / 1 x 26 16 200 / 1 x 70 06 160 / 88 03 180 / 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-	Content
00 20 12	012412	1 x 03 06 180 / 1 x 26 16 200 / 1 x 70 06 160

VDE Tool Set

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



Article No.	EAN 4003773-	Content
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-	Content
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-	Content
00 21 01 TL	050162	1 x 03 06 180 / 11 06 160 / 25 06 160 / 70 06 160 / 98 52 / Haunstätter PUK®-Junior Hacksaw / Nölle Plasterer's bowl / Wera Screwdrivers for slotted screws 1 x 0,4 x 2,5 x 80 mm; 1 x 0,6 x 3,5 x 100 mm; 1 1,0 x 5,5 x 125 mm; 1 x 1,2 x 6,5 x 150 mm / Wera Screwdrivers Kraftform Plus, cross recessed Phillips® 1 x PH1 x 80 mm; 1 x PH2 x 100 mm / Wera Screwdrivers for slotted screws 1 x 1,0 x 6,0 x 125 mm; 1 x 1,2 x 6,5 x 150 mm / 16 20 165 / Picard Locksmith's hammer / Picard Chipping hammer / Picard Flat brush / Painter's spatula / Picard Metre ruler (yardstick) / Rennsteig Electrician's Chisel / Rennsteig Mason's Chisels / 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-	Content
00 21 02 SL	050162	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-	Content
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 ABSmaterial, with base tray, document compartment, cover plate, with surrounding aluminium frame



Article No.	EAN 4003773-	Content
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 x Wera Screwdrivers

Tool Case for electrical contractors, 23 parts

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



Wire Rope Cutter forged

- cuts all wire ropes without splaying, including those that are extremely strong
- with two crimping dies for end caps on Bowden cable sheaths and end ferrules for traction cables
- 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, oil-hardened



Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	Ø mm	mm
95 61 190	040651	7.0	6.0	4.0	2.5	190



CoBolt® – Compact Bolt Cutters

- precision cutting edges for soft and hard wire as well as 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

Model 71 12 200

- with slim two-colour multi-component sleeves without collar for better handling and easier transport

Model 71 22 200

- 20° angled head with single-sided joint bar and diagonal cutting edge for flush cutting; with space for gripping
- with slim two-colour multi-component sleeves without collar for better handling and easier transport

Model 71 32 200

- the recess in the blade allows easier cutting of thicker wires, e. g. for anchor bolts in false ceilings
- with slim two-colour multi-component sleeves without collar for better handling and easier transport



Art. 71 01 200



Art. 71 12 200



Art. 71 22 200



Art. 71 32 200



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	MM	6.0	5.2	4.0	3.6	200
71 22 200	066873	MM $\angle 20^\circ$	6.0	5.2	4.0	3.6	200
71 32 200	066880	MM	6.0	5.2	4.0	3.6	200



Comparison between 71 0x 200 and 71 2x 200



Cobra® – Hightech Water Pump Pliers

- adjustment at the touch of a button directly 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: low wear and stable gripping



Cobra®



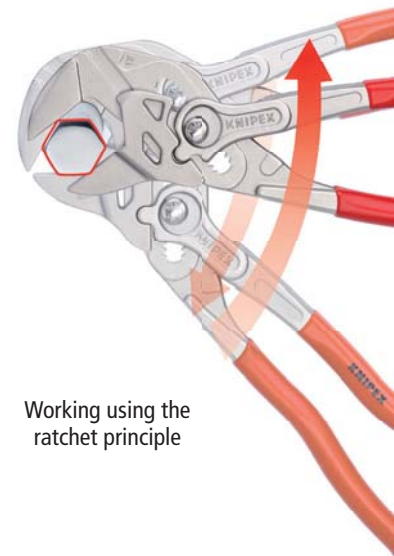
Fine adjustment by pushing a button

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-	Content
00 20 09 V02	074793	87 01 180, 87 01 250, 87 01 300



Working using the ratchet principle

Pliers Wrench

pliers and a wrench in a single tool

- also excellent for gripping, holding, pressing and bending workpieces
- replaces sets of spanners, both metric and imperial
- zero backlash jaw pressure prevents damage to edges of sensitive components
- parallel jaws give a more solid grip; the construction gives infinite adjustment of all widths up to the specified maximum size
- the action of the jaws allows quick tightening and release of bolted connections using the ratchet principle
- lever transmission greater than 10 : 1 for strong gripping power
- Chrome vanadium electric steel, forged, oil-hardened



Art. 86 03 150



Art. 86 03 180






Art. 86 03 250



Art. 86 03 300



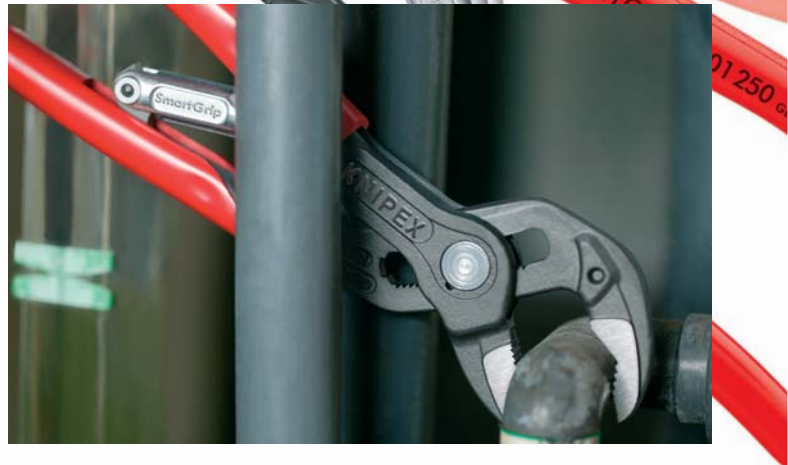
Article No.	EAN 4003773-	Adjustment positions	 Inch	 mm	 mm
86 03 150	069676	14	1	27	150
86 03 180	035466	13	1 3/8	35	180
86 03 250	033837	17	1 3/4	46	250
86 03 300	041429	22	2 3/8	60	300



PATENTED

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
- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- Chrome vanadium electric steel, forged, oil-hardened



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

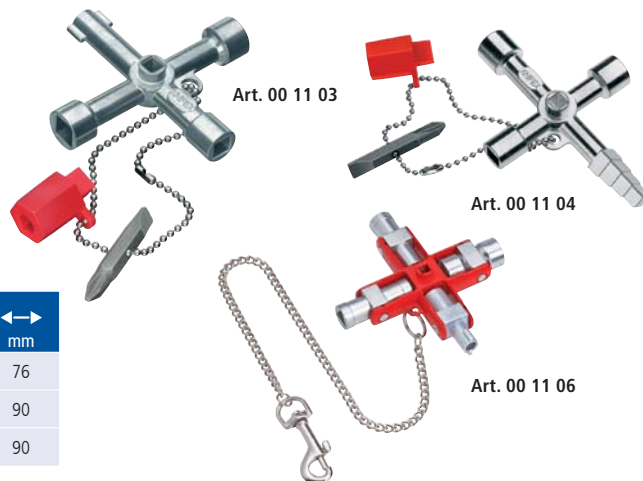
- easy to carry pen-style control cabinet key with fastening clip
- four different key profiles can be utilised by swivelling the key holder
- universal 1/4" bit adapter for standard bits (permanent magnet for retaining)
- additional bit adapter for 1/4" bits inside one key profile
- with 2 reversible bits: cross recess PH / slot 7.0 x 1.2 mm and TX 20 / TX 25



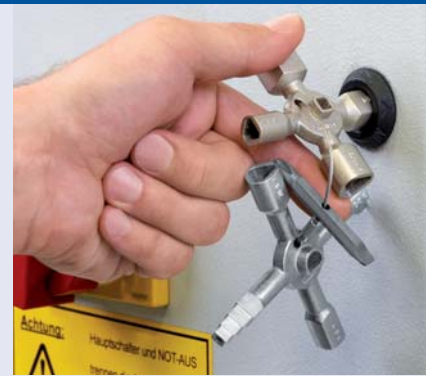
Article No.	EAN 4003773-	 mm	 mm	 Ø mm	 mm
00 11 07	063018	5 / 6 / 8	9	3 - 5	145

Control Cabinet Key

- 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



Article No.	EAN 4003773-	 mm	 mm	 Ø 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



TwinKey®

10 profiles. 2 crosses. 1 key. 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: two 4-way spider keys connected in a space-saving way using magnets
- reversible bit: 1,0 x 7 mm slot and PH 2 cross slot
- key and reversible bit joined by stable stainless steel wire
- weight-optimised zinc die-cast design



Article No.	EAN	mm	mm	mm	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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