



## Cobra® – Hightech Water Pump Pliers

- push the button for adjustment on the workpiece
- fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping



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

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

# Cobra®

Cobra® Set



00 20 09 V02

## Cobra® QuickSet Hightech Water Pump Pliers

Fully open, push, grab!

Additional fast adjustment on the workpiece by sliding the pliers handle.

- combines the proven, reliable locking of the hinge bolt with an additional push function which makes it easier to work in very confined and inaccessible areas
- the adjustment directly on the workpiece is possible by simply sliding the pliers handle
- reliable locking of the hinge bolt with the first workload. The gripping width of the pliers is then fixed and can only be adjusted by pressing the button.
- to re-activate the sliding function, the hinge bolt must be released by pressing the push button and the pliers must be completely opened again
- Chrome vanadium electric steel, forged, oil-hardened

87 22 250:

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

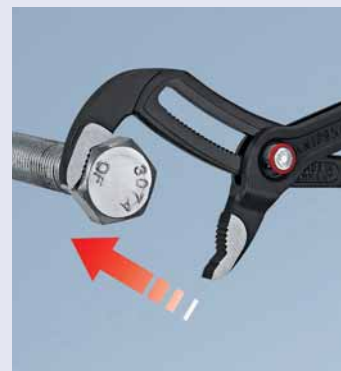


Cobra® QuickSet – Button

QuickSet







Press the button – open pliers completely



Position jaw – simply slide and close pliers



Hinge bolt locks itself with the first workload

Article No.	EAN 4003773-	 Ø Inch	 Ø mm	 mm	Adjustment positions	 mm
87 21 250	072775	2	50	46	25	250
87 22 250	077794	2	50	46	25	250

### Proven Cobra® functions

- 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
- good access to the workpiece due to slim size of head and joint area
- gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- box-joint design: high stability due to double guide
- reliable catching of the hinge bolt: no unintentional shifting
- guard prevents operators' fingers being pinched





### Cobra® ES – Water Pump Pliers extra-slim

- particularly good access to the workpiece due to very slim construction of head and joint area
- ideal for service, maintenance and equipment repair, in automotive and general industry



Article No.	EAN 4003773-	Adjustment positions	Ø Inch	Ø mm	mm	mm
87 51 250	061267	19	1 1/4	32	34	250

### Multiple Slip Joint Spanner

PATENTED

- replaces a set of wrenches, ideal for tightening locknuts
- zero-backlash gripping of metric or imperial hexagonal headed screws, no rounding of bolt heads
- for metric and imperial nuts and screws with widths across flats from 10 to 32 mm (3/8" up to 1 1/4"); self-locking from 17 mm: no slipping on the workpiece



Article No.	EAN 4003773-	Adjustment positions	Inch	mm	mm
87 41 250	054566	15	3/8 - 1 1/4	10 - 32	250

### SmartGrip®

#### Water Pump Pliers with automatic adjustment

- ideal for frequent changeovers to workpieces of different sizes
- automatic adjustment per one-hand operation
- both for right-handed and left-handed use
- good access to the workpiece thanks to the slim dimensions of head and joint area and flush joint bolt
- box-joint design: high stability due to double guide
- locking lever for space saving transport with reliable closed handles
- 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

### Alligator®-Set



Article No.	EAN 4003773-	Content
00 20 09 V03	074809	88 01 180 88 01 250 88 01 300

### Cobra®-Set



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

### Bestseller-Set







Article No.	EAN 4003773-	Content
00 20 09 V01	073994	03 02 180 Combination Pliers 70 02 160 Diagonal Cutter 87 01 250 Cobra® Water Pump Pliers

Alligator® – Water Pump Pliers

- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- robust construction, insensitive to dirt; particularly suitable for outdoor work
- gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- box-joint design: high stability due to double guide
- guard prevents operators’ fingers being pinched
- Chrome vanadium electric steel, forged, oil-hardened



Article No.	EAN 4003773-	Adjustment positions	 Ø Inch	 Ø mm	 mm	 mm
88 01 180	035480	9	1 1/2	42	36	180
88 01 250	022992	9	2	50	46	250
88 01 300	034094	9	2 3/4	70	60	300







Alligator® XL

The classic model, now also in 400 mm length

- 11-notch adjustment positioning with a gripping capacity up to 3 1/2"
- good access to the workpiece due to slim size of head and joint area
- Chrome vanadium electric steel, forged, oil-hardened

The KNIPEX Alligator® XL offers the performance and comfort of a water pump pliers while being **50 % lighter in weight and having a greater gripping capacity (3 1/2")** than comparable pipe wrenches. With their handy length of 400 mm, there is a place for **KNIPEX Alligator® XL** in every tool box.



Article No.	EAN 4003773-	Adjustment positions	 Ø Inch	 Ø mm	 mm	 mm
88 01 400	075844	11	3 1/2	90	95	400

## 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 0.75 - 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup>
- crimp die for wire-end ferrules 0.5 - 2.5 mm<sup>2</sup>
- cable shears with (induction-hardened) precision cutting edges for copper and aluminium cables up to 5 x 2.5 mm<sup>2</sup> / dia. 15 mm
- slim dimensions for easy access
- bolted joint: precise, zero backlash operation of pliers
- High-grade special tool steel, forged, oil-hardened

13 91 200 / 13 92 200 / 13 96 200

- the intelligent latching mechanism enables you to "grip" without opening the pliers. The cutting edge remains closed and protected



13 81 200



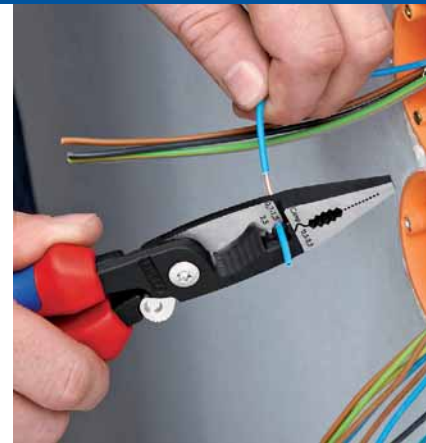
13 96 200  
MM



13 82 200



Article No.	EAN 4003773-		Handles	Cutting capacities		
				Ø mm	mm <sup>2</sup>	mm
13 81 200	075240		plastic coated	15	50	200
13 82 200	075080		multi-component grips	15	50	200
13 86 200	075097	⚡ 1000 V	insulated with multi-component grips, VDE-tested	15	50	200
13 91 200	075257	MM	plastic coated	15	50	200
13 92 200	075103	MM	multi-component grips	15	50	200
13 96 200	075110	MM ⚡ 1000 V	insulated with multi-component grips, VDE-tested	15	50	200



## Combination Pliers

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



03 02 180

Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	mm <sup>2</sup>	mm
03 02 180	023197	3.4	2.2	12	16	180
03 02 200	034940	3.8	2.5	13	16	200

## High Leverage Combination Pliers

- easier work due to optimised leverage
- with cutting edges (hardness approx. 63 HRC) for soft and hard wire and piano wire
- with gripping zones for flat and round material, suitable for versatile use
- High-grade special tool steel, forged, oil-hardened



02 05 180

Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	mm²	mm
02 05 180	043072	2.5	2.0	11.5	16	180
02 05 200	043089	2.8	2.2	13	25	200

**35 % less effort required**  
than with conventional  
combination pliers



## Diagonal Cutters for plastics

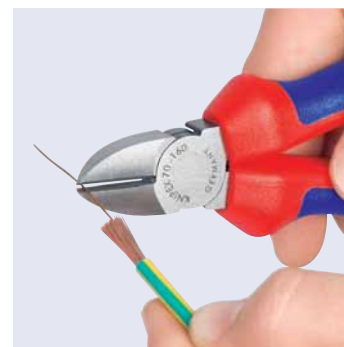
- cutting face flush ground
- for nearly flush cutting of moulded plastic components from sprues
- cuts soft materials such as lead in a flush cut
- with opening spring
- Vanadium electric steel; forged, oil-hardened



Article No.	EAN 4003773-		Description	mm
72 01 160	041245		head polished; handles plastic coated	160
72 11 160	046813		head polished; 45°; handles plastic coated	160

## 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



Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	mm
70 02 140	023098	4.0	2.5	1.8	140
70 02 160	034032	4.0	2.8	2.0	160
70 02 180	034049	4.0	3.0	2.5	180



**Required hand force**  
for a nail  
with Ø 3 mm

## THE WORLD OF THE KNIPEX DIAGONAL CUTTERS

KNIPEX TwinForce®	KNIPEX X-Cut®	High Leverage Diagonal Cutter	Diagonal Cutter
<b>NEW</b>	<b>NEW</b>		
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

## High Leverage Diagonal Cutters

- for very tough, continuous use
- 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), for all sorts of wire including piano wire

### 74 12 160

with opening spring; to be activated if required



74 02 180



74 06 200



74 12 160



Article No.	EAN 4003773-		● Ø mm	● Ø mm	○ Ø mm	↔ mm
74 02 160	023081		3.4	2.5	2.0	160
74 02 180	023074		3.8	2.7	2.2	180
74 02 200	040309		4.2	3.0	2.5	200
74 02 250	042402		4.6	3.5	3.0	250
74 06 200	033820	⚡ 1000 V	4.2	3.0	2.5	200
74 12 160	065111	⚡	3.4	2.5	2.0	160
74 12 180	060192	⚡	3.8	2.7	2.2	180

## TwinForce®– High Performance Diagonal Cutters

The superior High-Leverage Diagonal Cutter with patented double joint

(PATENTED)

- 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

### 73 72 180 F:

with opening spring to simplify reapplication and for repetitive cutting



73 71 180



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
73 72 180 F	077657	5.5	4.6	3.2	3.0	180



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

## X-Cut® – Compact Diagonal Cutters

Compact and 20 % less weight. 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
- large opening width for thicker cables
- cuts precisely, even through fine copper wires
- compact, low-weight construction
- Chrome vanadium heavy-duty steel, forged, oil-hardened



# KNIPEX X-Cut®



Article No.	EAN 4003773-		Ø mm	Ø mm	Ø mm	Ø mm	Ø 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	1000 V	4.8	3.8	2.7	2.2	12	160

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

## High Leverage End Cutting Nipper

- with cutting edges for soft, hard and piano wire
- high cutting capacity with little effort due to optimum coordination of cutting edge angle and transmission ratio
- cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- Chrome vanadium heavy-duty steel, forged, oil-hardened

Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	Ø mm	mm
67 01 160	040620	4.5	3.4	2.5	2.0	160

## End Cutting Nippers

- with cutting edges for soft and hard wire
- also suitable for twisting and cutting binding wire
- cutting edges additionally induction hardened, cutting edge hardness approx. 61 HRC
- High-grade special tool steel, forged, oil-hardened

Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	mm
68 01 160	013792	4.0	2.8	2.3	160
68 01 180	013808	4.0	3.2	2.5	180
68 01 200	013815	4.0	3.5	2.8	200
68 01 280	077664	4.5	4.0	3.2	280



68 01 180

## KNIPEX Minis in the practical belt pouch

### Cobra® – Hightech Water Pump Pliers

- push the button for adjustment on the workpiece
- fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping



87 01 125



86 03 150

Article No.	EAN 4003773-	
00 20 72 V01	070832	KNIPEX Minis in belt pouch 2 parts
		86 03 150 KNIPEX Pliers Wrenches, pliers and a wrench in a single tool
		87 01 125 KNIPEX Cobra®, Hightech Water Pump Pliers

## High Leverage Concreters' Nippers

- to lace concrete reinforcing steel with binding wire from a roll
- wire is twisted and cut in a single pass
- high-leverage joint, minimising strain, even when thick binding wires are used
- the high damping of the cutting stroke on cutting through the binding wire reduces the strain on tendons and muscles
- extra-slim form for tying deep mounted steel rods
- cutting edges additionally hardened; cutting edge hardness approx. 61 HRC

**25 % less effort required**  
compared to conventional concreters' nippers of the same size



Article No.	EAN 4003773-	Ø mm	Ø mm	↔ mm
99 10 300	022398	3.8	2.0	300
99 14 250	071419	3.3	1.8	250
99 14 300	028116	3.8	2.0	300

## Concreters' Nippers

- to twist and cut wire in one operation: fast, reliable and economical
- unobtained precision and long service life make these the most widely purchased concreters' nippers in the world

Article No.	EAN 4003773-	Ø mm	Ø mm	↔ mm
99 00 220	013273	2.4	1.6	220
99 00 250	013280	2.4	1.6	250
99 00 280	014096	2.8	1.8	280
99 00 300	014409	3.1	1.8	300



Wire Rope and ACSR-Cable Cutters

- for wire ropes and steel rods, copper and aluminium cables
- suitable for cutting overhead cables with strain relief wire (ACSR-cables)
- angular cutting blades allow cutting of single rope wire
- optimum transmission ratio for high cutting performance
- bolted cutter head, replaceable
- low weight
- cutter head: high-grade special tool steel, oil-hardened
- handles: aluminium, high-strength

95 81 600:

- with reinforced cutter head for higher performance, also cuts piano wire



Article No.	EAN 4003773-	 mm²	 Ø mm	 Ø mm	 Ø mm	AWG	 mm
95 71 445	014522	95	10.0	7.0		3/0	445
95 71 600	014539	150	14.0	9.0		5/0	600
95 77 600	025313	150	14.0	9.0		5/0	600
95 81 600	025344	150	16.0	10.0	4.5	5/0	600




95 71 600

Bolt Cutters

- cutting capacity up to 48 HRC hardness
- robust cutting edges are additionally induction hardened, cutting-edge hardness approx. 62 HRC
- forged-in stopper with comfortable shock-absorber
- good access due to very flat construction of head and joint area
- ergonomically angled handles to minimise effort
- sturdy non-slip two-colour dual component handle sleeves
- precise adjustment (12 positions) by eccentric bolt
- high cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle and transmission ratio
- bolted cutter head, replaceable



Article No.	EAN 4003773-	HRC 19 Ø mm	HRC 40 Ø mm	HRC 48 Ø mm	 mm
71 72 460	066750	8	6	5	460
71 72 610	066767	9	8	7	610
71 72 760	066774	11	9	8	760
71 72 910	066781	13	10	9	910



# CoBolt® – Compact Bolt Cutters

## Improved cutting performance

Micro-structured cutting edge allows easy cutting of large cross-sections

With gripping surface below the joint for gripping and pulling wires with a diameter as from 1.0 mm

- precision cutting edges for soft and hard wire as well as piano wire
- cuts bolts, nails, rivets, etc. up to 5.2 mm dia.
- most efficient joint design ensures exceptional cutting performance
- cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- Chrome vanadium heavy-duty steel, forged, oil-hardened

### 71 12 / 22 / 32 200

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









### 71 22 200

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

### 71 32 200

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



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	 $\angle 20^{\circ}$	6.0	5.2	4.0	3.6	200
71 32 200	066880		6.0	5.2	4.0	3.6	200



### 71 01 / 02 / 12 200

micro-structured cutting edge



71 01 / 02 / 12 and 71 32 200  
gripping surface below the joint



71 01 200



71 32 200

## Precision Circlip Pliers

- with inserted tips for reliable work
- heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- large supporting surfaces and the position of the tips make it more difficult for the rings to bounce off; easy and reliable assembly
- joint with screw: precise, zero backlash operation of pliers



48 11 J2



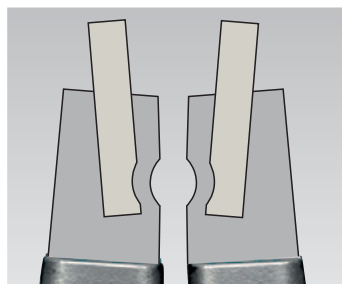
90°

48 21 J21

### KNIPEX-Circlip Pliers with overexpansion guard

For the standardised fitting of circlips in the industrial serial production. Particularly manufacturers of sensitive, safety-relevant components (e.g. brakes or gears) highly appreciate the compliance of DIN 471 and 472. The mounting of circlip rings in this case requires pliers with overexpansion guard or a cone.

KNIPEX Circlip Pliers with overexpansion guard meet the requirements and furthermore offer a superior durability.



Tight fit through compression



Bolted joint: high precision and smooth action



Fit circlips without distortion; easy and quick assembling



Precision Circlip Pliers to assemble internal circlips into bores

Article No.	EAN 4003773-			Size of bore Ø mm	Tips Ø mm	↔ mm
48 11 J0	048510	○	straight tips	8 - 13	0.9	140
48 11 J1	048527			12 - 25	1.3	140
48 11 J2	048534			19 - 60	1.8	180
48 11 J3	048541			40 - 100	2.3	225
48 21 J01	048619	○	90° angled tips	8 - 13	0.9	130
48 21 J11	048633			12 - 25	1.3	130
48 21 J21	048640			19 - 60	1.8	165
48 21 J31	048657			40 - 100	2.3	210
48 21 J41	048664	○	with overexpansion guard (adjustable using end stop)	85 - 140	3.2	305
48 31 J1	073864			12 - 25	1.3	140
48 31 J2	073871			19 - 60	1.8	180

Precision Circlip Pliers to assemble external circlips on shafts

Article No.	EAN 4003773-			Size of shaft Ø mm	Tips Ø mm	↔ mm
49 11 A0	048718	○	straight tips	3 - 10	0.9	140
49 11 A1	048725			10 - 25	1.3	140
49 11 A2	048732			19 - 60	1.8	180
49 11 A3	048749			40 - 100	2.3	225
49 11 A4	048756	○	90° angled tips	85 - 140	3.2	320
49 21 A01	048817			3 - 10	0.9	130
49 21 A11	048824			10 - 25	1.3	130
49 21 A21	048831			19 - 60	1.8	165
49 21 A31	048848	○	with overexpansion guard (adjustable using end stop)	40 - 100	2.3	210
49 21 A41	048855			85 - 140	3.2	305
49 31 A0	061748			3 - 10	0.9	140
49 31 A1	073895	○	90° angled tips, with overexpansion guard (adjustable using end stop)	10 - 25	1.3	140
49 31 A2	073901			19 - 60	1.8	180
49 41 A01	061755	○	90° angled tips, with overexpansion guard (adjustable using end stop)	3 - 10	0.9	130

## Precision Circlip Pliers Set

- tool roll made of hard-wearing polyester fabric
- with practical, adjustable quick release fastener
- contains four common Precision Circlip Pliers for highest requirements

### Precision Circlip Pliers 48 / 49:

- with inserted tips for reliable work, heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- bolted joint: precise, zero backlash operation of pliers
- pliers body: chrome vanadium electric steel, forged, oil-hardened
- inserted tips: spring steel wire, drawn



Article No.	EAN 4003773-	Content
00 19 57	050056	1 x 48 11 J1, 48 11 J2, 49 11 A1, 49 11 A2

## Circlip Pliers Set

- tool roll made of hard-wearing polyester fabric
- with practical, adjustable quick release fastener
- contains four common Precision Circlip Pliers for internal and external circlips

### Circlip Pliers 44 / 46:

- solid style, forged
- non-slip, solid tips
- pliers body and tips: chrome vanadium steel, forged, oil-hardened



Article No.	EAN 4003773-	Content
00 19 56	030973	1 x 44 11 J2, 44 21 J21, 46 11 A2, 46 21 A21

## Precision Circlip Pliers Sets

- attractive sales packaging with Euro standard perforation
- contains common Precision Circlip Pliers for highest requirements
- sturdy plastic packaging, also suitable for storage of the pliers



00 20 04 V01



00 20 03 V02



00 20 03 SB



00 20 04 SB

Article No.	EAN 4003773-	Content
00 20 03 SB	050100	1 x 48 11 J1, 48 11 J2, 49 11 A1, 49 11 A2
00 20 03 V02	077640	1 x 44 11 J1, 44 11 J2, 46 11 A1, 46 11 A2
00 20 04 SB	062417	1 x 48 11 J1, 48 11 J2, 49 11 A1, 49 11 A2, 48 21 J11, 48 21 J21, 49 21 A11, 49 21 A21
00 20 04 V01	077633	1 x 44 11 J1, 44 11 J2, 46 11 A1, 46 11 A2, 44 21 J11, 44 21 J21, 46 21 A11, 46 21 A21






## Snipe Nose Side Cutting Pliers

- suitable for finer gripping and cutting work
- with cutting edges for soft, medium-hard and hard wire
- cutting edges additionally induction hardened, cutting edge hardness approx. 61 HRC
- knurled gripping surfaces

26 .. 200:

- distortion-tolerant, elastic precision tips



Article No.	EAN 4003773-		 Ø mm	 Ø mm	 mm
25 02 160	023166		2.5	1.6	160
26 12 200	023142		3.2	2.2	200
26 22 200	023135	∠40°	3.2	2.2	200

## Grip Pliers





- hold round, profile and flat material securely
- heavy duty model
- with adjustment screw and release lever
- one-hand operation
- high clamping pressure due to toggle lever action



41 04 250



41 34 165

Article No.	EAN 4003773-	 mm	 mm	 mm	 mm
41 04 180	002741	30	20	30	180
41 04 250	002758	40	20	30	250
41 04 300	022183	65	30	34	300
41 34 165	047858	20	10	24	165



42 34 280



### Combination Shears

- for cutting cardboard, plastics, aluminium, brass and copper foils
- not suitable for steel wire or iron sheets
- precision ground, hardened blades
- with opening spring and locking device
- guard prevents operators' fingers being pinched
- adjustable bolted joint
- shears body: surgical steel, stainless, vacuum-hardened
- handles: plastic, impact-proof

#### 95 05 185:

- angled shape - for easy execution of long cuttings
- ergonomically shaped plastic handles

Article No.	EAN 4003773-		↔ mm
95 05 140	019589	W	140
95 05 185	060277	W	185
95 05 190	019602	W	190



### Pipe Cutter for plastic conduit pipes and hoses

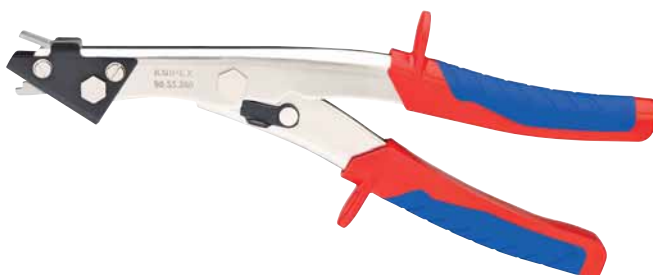
- for cutting thin walled plastic pipes (conduit plastic pipes) and flexible hoses, also with fabric reinforcement, of plastic and rubber up to 25 mm dia. / 1" exterior dia.
- not suitable for cutting cables
- with opening spring and locking device



Article No.	EAN 4003773-		Cutting capacities Ø mm	↔ mm
90 20 185	067122	W	25.0	185

### Sheet Metal Nibbler

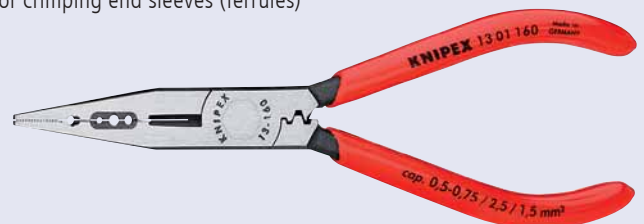
- for cutting iron, copper or aluminium sheet metal up to max. 1.2 mm thickness, plastic up to max. 2.0 mm thickness
- materials are cut without deformation
- clean cut edges – no trimming activities needed



Article No.	EAN 4003773-	Description	↔ mm
90 55 280	026730	blades: special tool steel, oil-hardened, interchangeable	280

### Electricians' Pliers

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



Article No.	EAN 4003773-	Stripping capacities mm²	Ø mm	Ø mm	↔ mm
13 01 160	034971	0.5 - 0.75 / 1.5 / 2.5	2.5	1.6	160



## Wire Rope Cutter

- 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 cablese
- 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

## 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



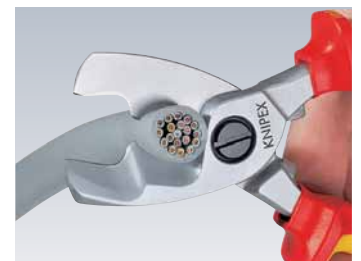
## Cable Shears with twin cutting edge

PATENTED

- for cutting copper and aluminium cables
- not suitable for steel wire and hard drawn copper conductors
- precision ground, hardened blades
- by dividing the cutting actions into initial cut (insulating sheath in the front cutting area) and final cut (conductor in the back cutting area), cables up to Ø 20 mm can be cut in one-hand operation
- less effort required due to favourable lever ratio and optimised cutting-edge geometry
- guard prevents operators' fingers being pinched
- adjustable bolted joint, self-retaining screw








95 26 200







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

**Final cut:** after cutting the sheath in the front profile the conductors in the rear part are cut. Initial cut in the front profile, final cut in the rear profile – to keep it as easy as possible.



Article No.	EAN 4003773-		 Ø mm	 mm²	AWG	 mm
95 11 165	040323		15	50	1/0	165
95 12 165	029182		15	50	1/0	165
95 16 165	039648		15	50	1/0	165
95 26 165	069980		15	50	1/0	165

Article No.	EAN 4003773-		 Ø mm	 mm²	AWG	 mm
95 11 200	043928		20	70	2/0	200
95 12 200	047834		20	70	2/0	200
95 16 200	026761		20	70	2/0	200

### Cable Cutters (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



95 36 250



95 36 280



Article No.	EAN 4003773-		mm	mm²	MCM	mm
95 36 250	026884		32	240	500	250
95 36 280	026891		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 (825 g) and compact construction (320 mm length) – also usable in confined areas
- 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



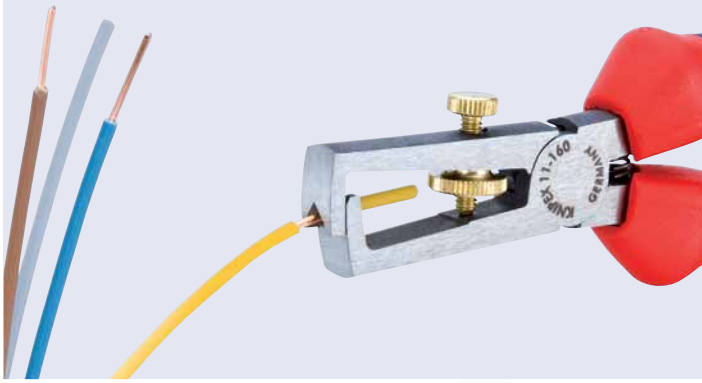
95 32 320



95 36 320

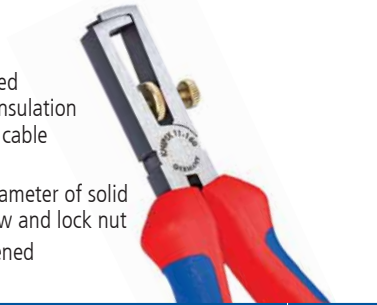


Article No.	EAN 4003773-		mm	mm²	MCM	mm
95 32 320	075172		60	600	1200	320
95 36 320	075189		60	600	1200	320



## Insulation Stripper

- for single, multiple and fine stranded conductors with plastic or rubber insulation max. 5.0 mm dia. or resp. 10 mm<sup>2</sup> cable cross section
- easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut
- Special tool steel, forged, oil-hardened



Article No.	EAN 4003773-		Stripping capacities			↔ mm
			Ø mm	mm <sup>2</sup>	AWG	
11 02 160	023180	MM	5	10	7	160

## MultiStrip 10 – Automatic Insulation Stripper

(PATENTED)

Improved knife geometry – robust and more durable  
Optimised handle design with more comfort  
Recessed wire cutter

- fully automatic adjustment to all single-, multi- and fine-stranded conductors with PVC insulation and a number of special insulations throughout the entire capacity range of 0.03 to 10 mm<sup>2</sup>
- no manual fine adjustment required
- no damage to the conductors
- the clamping jaws made of steel hold the cable in a way that prevents slipping without damaging the remaining insulation



## 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)



Article No.	EAN 4003773-		Stripping capacities		↔ mm
			mm <sup>2</sup>	AWG	
12 12 06	049005	MM	0.14 - 6	26 - 10	195

## Dismantling Tools

- zor stripping all common round cables
- self-tightening holding lever
- turnable blade for circular and longitudinal cutting
- housing: plastic, impact-proof



16 20 28 SB



16 20 165 SB

Article No.	EAN 4003773-	Stripping capacities Ø mm	↔ mm
16 20 28 SB	060468	8 - 28	130
16 20 165 SB	043133	8 - 28	165



Precise stripping from 0.03 to 10 mm<sup>2</sup> without re-adjustment

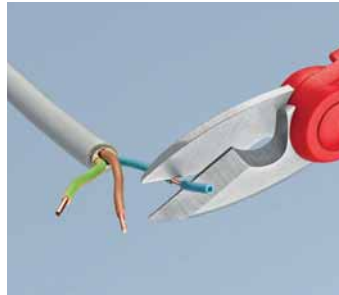
Article No.	EAN 4003773-		Stripping capacities		↔ mm
			mm <sup>2</sup>	AWG	
12 42 195	054580	MM	0.03 - 10	32 - 7	195

## Electricians' Shears

Precisely ground blades with fine serration for a clean, non-slip cut  
Cutting edge with integrated cable cutter  
With plastic belt case

- universal shears for electricians
- handles with multi-component grips, fibreglass-reinforced
- cutting edges made from stainless steel, hardness of cutting edges 56 HRC

Article No.	EAN	↔ mm
95 05 155 SB	4003773-077725	160



## MultiCrimp®

### Crimping Pliers with changer magazine

Now also for insulated and non-insulated end sleeves (ferrules) 10 / 16 / 25 mm²

Universal indent crimping die for non-insulated connectors

- just one tool for the most common crimping applications
- crimping dies changed quickly and easily without any additional tool
- comfortable, powerful crimping pliers in professional quality
- Chrome vanadium electric steel in special quality, oil-hardened













97 33 02

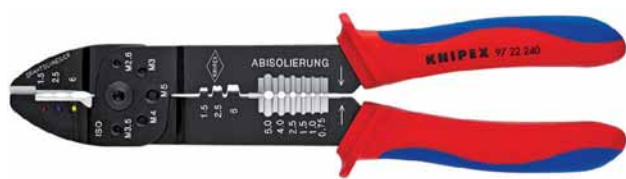


MultiCrimp®



Article No.	EAN			Applications	Capacity mm²	AWG	↔ mm
97 33 02	066934			MultiCrimp®			250
				non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)	0.5 - 1 1.5 - 2.5 4 - 6	20 - 10	
				insulated terminals, plug connectors + butt connectors	0.5 - 1 1.5 - 2.5 4 - 6	20 - 10	
				insulated and non-insulated end sleeves (ferrules)	0.25 - 0.75 1 - 1.5 2.5 4 6	23 - 10	
				insulated and non-insulated end sleeves (ferrules)	10 / 16 / 25	7 / 5 / 3	
				non-insulated crimp terminals, tube and compression cable lugs in accordance with DIN 46234 and DIN 46235 and non-insulated crimp, butt and press connectors in accordance with DIN 46341 and DIN 46267	0.5 - 1 1.5 - 2.5 4 - 6 10	20 - 7	

## Crimping Pliers



Article No.	EAN 4003773-			Capacity		↔ mm
				mm²	AWG	
97 22 240	070726			0.75 - 6	18 - 10	240
				0.5 - 6	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
- good handling thanks to favourable handle position, low weight, compact design and ergonomically shaped handles

Article No.	EAN 4003773-			Capacity		↔ mm
				mm²	AWG	
97 52 36	051893			0.5 - 6	20 - 10	220
97 52 38	051909			0.25 - 6	23 - 10	220

## Crimping Pliers for Western plugs



Article No.	EAN 4003773-	Applications		↔ mm
97 51 10	043171	6- and 8-poles		190

## Self-Adjusting Crimping Pliers for end sleeves (ferrules)

97 53 04

(PAT. PEND.)

Square compression now additionally also for end sleeves (ferrules) up to 16 mm²

Manual force reduced by 20 %

Narrow handle width and improved ergonomics

Square Crimping from 0.08 – 16 mm²



Switch button for 16 mm²

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

- self-adjustment to the size of end sleeves (ferrules) required: no wrong crimps caused by using the wrong die
- optimum transmission of force thanks to toggle lever for fatigue-reduced operation
- square compression for ideal contact surfaces in the clamp connection

97 90 09

- with Self-Adjusting Crimping Pliers for End Sleeves (ferrules) 97 53 04



97 90 09



Article No.	EAN 4003773-		Applications	Capacity mm²	AWG	↔ mm
97 53 04	028017		insulated + non-insulated end sleeves (ferrules)	0.08 - 10 + 16	28 - 7 + 5	180
97 90 09	028574		Crimp Assortment in a TANOS MINI-systainer® with crimping pliers for end sleeves 97 53 04	0.08 - 10 + 16	28 - 7 + 5	

Registered Trademark of the company TANOS GmbH: systainer®

### Crimping Pliers for end sleeves (ferrules)

Also as VDE version  
Easy crimping due to optimized leverage  
More light and slim design

- for crimping end sleeves (ferrules) according DIN 46228 parts 1 + 4 from 0.25 to 16 mm<sup>2</sup>
- crimping in marked half-round dies for reliable connections between the sleeve and the conductor
- 9 particularly deep dies with conical side faces
- Special tool steel, forged, oil-hardened



Article No.	EAN 4003773-		Capacity mm <sup>2</sup>	AWG	Number of crimping positions	↔ mm
97 72 180	060185		0.25 - 16	23 - 5	9	180
97 78 180	072003		0.25 - 16	23 - 5	9	180

### TwinKey®

10 profiles. 2 crosses. 1 key. All established locking systems.  
For all standard cabinets and shut-off 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 PH2 cross slot
- key and reversible bit joined by stable stainless steel wire
- weight-optimised zinc die-cast design



Article No.	EAN 4003773-	mm	mm	Ø 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

## Precision Electronics Gripping Pliers

- precision pliers for fine assembly work, e. g. in electronics and fine mechanics, forged from chrome vanadium ball-bearing steel
- bolted joint with particularly carefully manufactured joint surfaces for even, low-friction movement throughout the entire opening range
- approx. 20 % lighter than conventional electronics pliers

### 34 12 130 / 34 22 130

- for gripping, holding and bending
- smoothly ground gripping surfaces, edges finely rounded

### 79 02 120 / 79 02 125 / 79 32 125

- very precisely ground and sharp cutting edges with very small bevels for exact cutting on delicate electronic components; also available without bevel for flush cutting



Article No.	EAN 4003773-	Description	Ø mm	Ø mm	Ø mm	mm
34 12 130	061458	flat, wide jaws	—	—	—	135
34 22 130	061472	half-round jaws	—	—	—	135
79 02 120	061403	mini-head	0.2 - 1.4	1.0	0.6	120
79 02 125	061281	round head	0.2 - 1.7	1.3	0.7	125
79 32 125	061366	pointed head	0.2 - 1.5	1.1	0.6	125

## Electronics Diagonal Cutters

- for ultra fine cutting work, e.g. in electronics and fine mechanics
- with sharp, ground cutting edges for soft and hard wire and piano wire
- cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC

## Electronic Super Knips®

- precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- ground, very sharp cutting edges without bevel for flush cutting
- joint with stainless steel rivet
- cutting edges additionally induction hardened
- extremely smooth movement for minimum operator fatigue
- with opening spring and opening limiter




Article No.	EAN 4003773-	Ø mm	Ø mm	Ø mm	Ø mm	mm
75 02 125	040491	0.2 - 1.3	1.0	0.6	0.4	125
76 12 125	048015	0.4 - 2.5	1.8	1.0	0.6	125

Article No.	EAN 4003773-	Description	Ø mm	Ø mm	mm
78 03 125	035381	INOX stainless steel	0.2 - 1.6	1.0	125
78 41 125	040767		0.2 - 1.0	—	125
78 61 125	035404		0.2 - 1.6	1.2	125

## 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


Article No.	EAN 4003773-		Description	Ø mm	Ø mm	Ø mm	mm <sup>2</sup>	↔ mm
03 06 160	021902		pliers chrome plated, handles insulated with multi-component grips, VDE-tested	3.1	2.0	10.0	16	160

 1000 V



## Insulation Stripper


- for single, multiple and fine stranded conductors with plastic or rubber insulation max. 5.0 mm dia. or resp. 10 mm<sup>2</sup> cable cross section
- easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut
- Special tool steel, forged, oil-hardened

Article No.	EAN 4003773-		Description	Stripping capacities			↔ mm
				Ø mm	mm <sup>2</sup>	AWG	
11 06 160	021933		pliers chrome plated, handles insulated with multi-component grips, VDE-tested	5.0	10	160	7



## Snipe Nose Side Cutting Pliers (Stork Beak Pliers)

- high loadable, elastic precision points
- half-round, long jaws
- knurled gripping surfaces
- with cutting edges for medium hard wire max. dia. 3.2 mm and hard wire max. dia. 2.2 mm

Article No.	EAN 4003773-		Description	Cutting capacities		
				Ø mm	Ø mm	↔ mm
26 16 200	022831		pliers chrome plated, handles insulated with multi-component grips, VDE-tested	3.2	2.2	160



## Alligator® Water Pump Pliers

- more output and comfort compared to conventional water pump pliers of the same length: 9-notch adjustment positioning for 30 % more gripping capacity
- good access to the workpiece due to slim size of head and joint area
- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping

Article No.	EAN 4003773-		Adjustment positions	Ø Inch	Ø mm	mm	↔ mm
88 06 250	035480		9	2	50	46	250



## 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
- good access to the workpiece due to slim size of head and joint area

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



## Pliers Wrenches

pliers and a wrench in a single tool




Replaces the need for sets of metric and imperial spanners

Smooth jaws for damage free installation of finished surfaces – working directly on chrome!

- adjustable tightening tool
- also excellent for gripping, holding, pressing and bending workpieces
- zero backlash jaw pressure prevents damage to edges of sensitive components
- push the button for adjustment on the workpiece
- parallel jaws give a more solid grip; its design allows flexible adjustment of all widths up to the specified maximum size
- reliable catching of the hinge bolt: no unintentional shifting
- the ratchet type principle allows quick and easy tightening and release of all bolted connections
- lever transmission greater than 10 : 1 for strong gripping power
- Chrome vanadium electric steel, forged, oil-hardened



86 03 125

Article No.	EAN 4003773-	Adjustment positions	 Inch	 mm	 mm
86 03 125	077497	11	7/8	23	125
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
86 03 400	077312	25	3 3/8	85	400



Working on plated fittings without damage of the surface



Replaces the need for sets of metric and imperial spanners



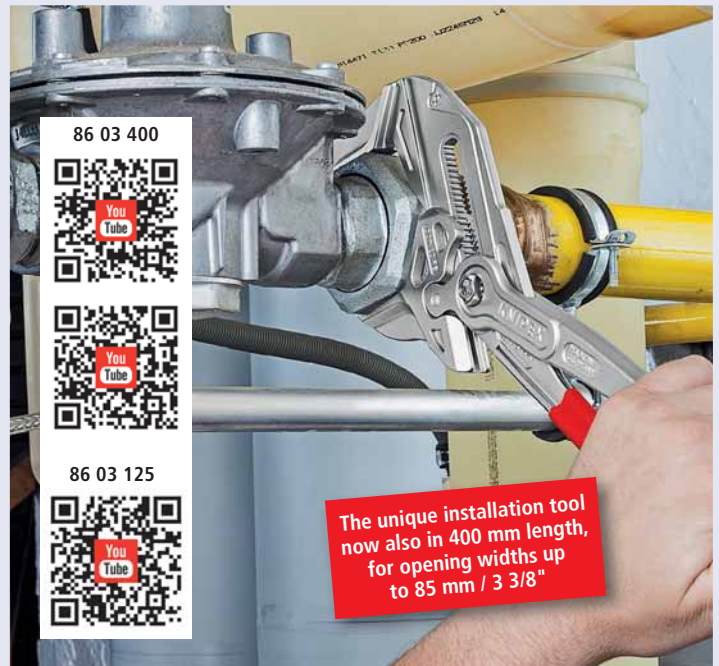
Ideal for bending work



Pneumatic hose connection

**NEW**

The mini pliers wrench: for precision mechanics, particularly suitable for working on small bolted connections, very good access in very confined areas



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

## KNIPEX-Werk

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