

NEWS 2015 – 17



# Innovations.

MADE IN GERMANY SINCE 1882





# INNOVATIONS 2016



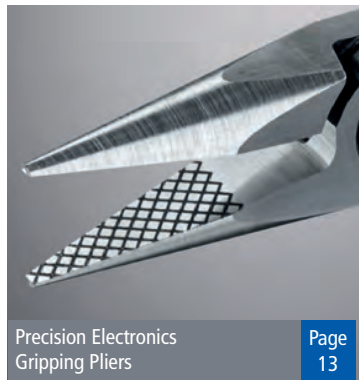
Needle-Nose  
Combination Pliers

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Precision Electronics  
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KNIPEX CoBolt® XL

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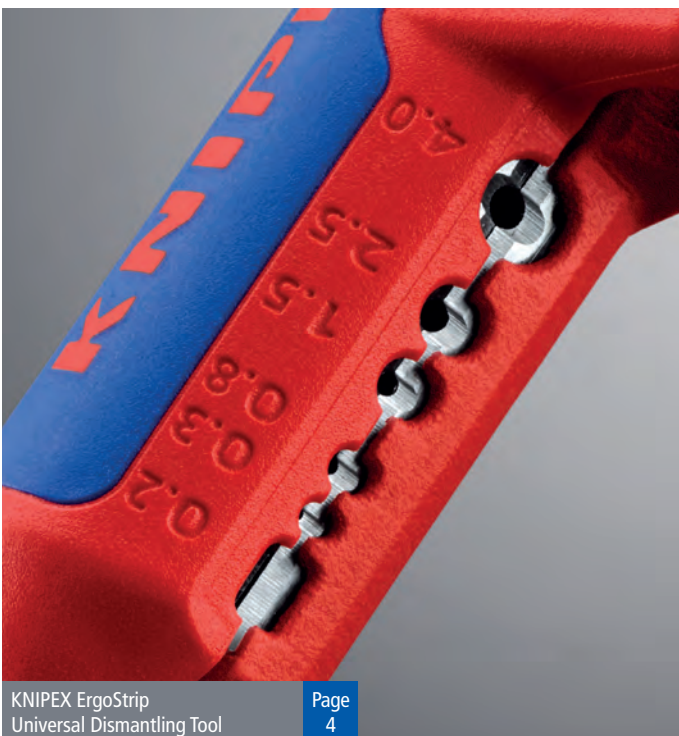
Precision Circlip Pliers

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Assembly Pliers

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KNIPEX ErgoStrip  
Universal Dismantling Tool

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Tile Breaking Pliers

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Diagonal Cutters

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## **KNIPEX ErgoStrip**

The 3-in-1 global innovation  
in the area of home cable tools



# KNIPEX ErgoStrip Universal Dismantling Tool

PAT. PEND.

16

- ▶ for the fast and precise dismantling and stripping of all common round and damp-proof installation cables (e.g. NYM cable 3 x 1.5 mm<sup>2</sup> up to 5 x 2,5 mm<sup>2</sup>), data cable (e.g. twisted pair) and coax cable
- ▶ innovative, ergonomic pistol grip design for easy cutting, stripping and longitudinal cut of the sheath
- > conical, slimmed down tool ends for better access in confined areas
- > stripping device for cross-sections 0.2; 0.3; 0.8; 1.5; 2.5 and 4 mm<sup>2</sup>
- > simplified insertion of single wires for stripping using location ridges
- > easy insertion of coax and data cable thanks to opening aid
- > multi-component design with a soft plastic zone for comfortable use and a secure grip
- > housing made from stable glass fibre reinforced plastic

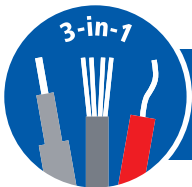
Dismantling of a NYM cable



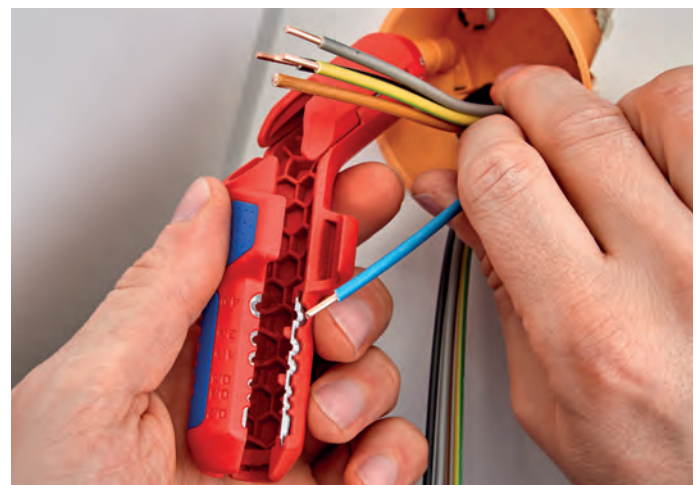
Dismantling of a data cable



Stripping of a coax cable



Coax cable / Round and damp-proof installation cables / Data cables



Article No.	EAN	↔ mm	Stripping capacities				⚖ g
			Round cables Ø mm	Conductors and strands mm <sup>2</sup>	Data cables	Coax-cables Ø mm	
16 95 01 SB	4003773-079927	135	8 - 13	0.2 - 4	CAT 5 - 7, Twisted-Pair (UTP/STP)	4.8 - 7.5	40

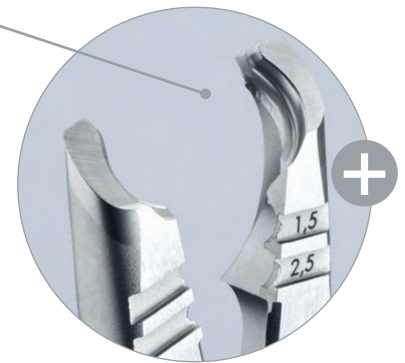
**Dismantling Pliers**

DIN ISO 5743

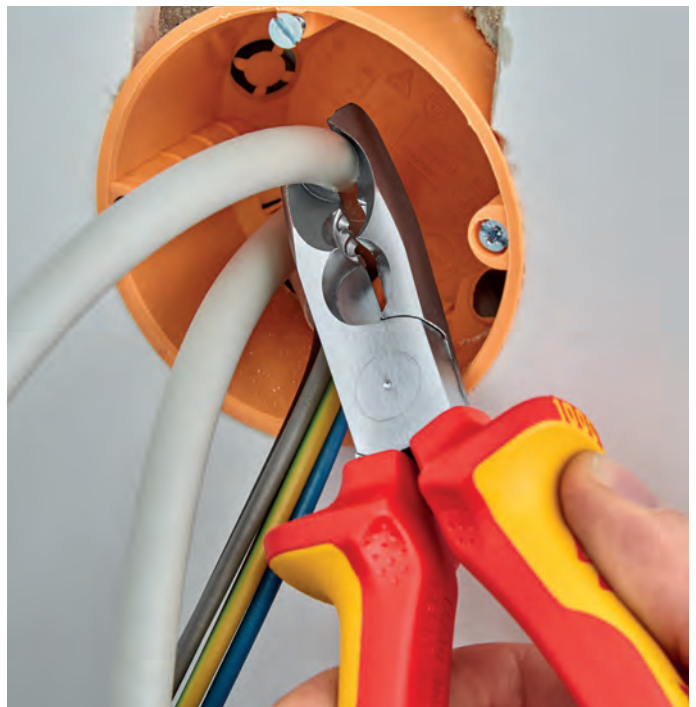
13

**Multifunctional – dismantling, stripping and cutting with one pair of pliers**

- ▶ for time-saving dismantling and stripping of all common round and damp-proof installation cables (e.g. NYM cable)
  - ▶ simplified access especially to deep mounted flush sockets thanks to slim head design and optimally angled cable sheath cutter
  - ▶ strip cables easily and without damage thanks to circular cutting edge with depth limit
- > suitable for universal use: precision wire stripping holes for conductors from 1.5 and 2.5 mm<sup>2</sup>
- > with diagonal cutters for cutting and trimming conductors, wires, small screws and nails
- > all cutters additionally induction hardened to approx. 61 HRC for high wear resistance
- > 30 % lighter than comparable pliers



Circular cutting edge with depth limit: for easy dismantling without damage



Article No.	EAN	↔ mm		Pliers	Head	Handles	Dismantling capacities Ø mm	Stripping capacities Ø mm <sup>2</sup>	◐ Ø mm	◑ Ø mm	⚖ g
13 42 165	079675	165	🟢🟢	black atramentized	polished	with multi-component grips	8 - 13	1.5 / 2.5	2.8	2.2	180
13 45 165	079682	165	🟢🟢	chrome-plated		with multi-component grips	8 - 13	1.5 / 2.5	2.8	2.2	180
13 46 165	079699	165	🟢🟢 ⚡ 1000 V	chrome-plated		insulated with multi-component grips, VDE-tested	8 - 13	1.5 / 2.5	2.8	2.2	190



# Needle-Nose Combination Pliers

DIN ISO 5746

08

## Small High Leverage Combination Pliers with pointed jaw

For all common installation and repair work

- ▶ handy use when working in confined areas thanks to slim head design and pointed jaws (anti-twist)
  - ▶ gripping surfaces with special convex contour on one side for secure gripping of flat parts
  - ▶ milled groove in the gripping area permits small parts such as nails, pins and bolts to be held and pulled
- > the reliable and diverse combination pliers when out and about  
 > easy cutting thanks to the high leverage joint  
 > with cutting edges for hard and hard wire  
 > long service life and stable tips as the tool is forged from special high grade tool steel, manifold oil-hardened



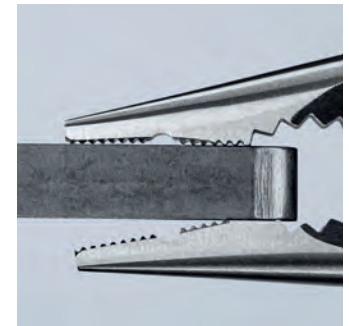
Jaws very stiff against twist




















Milled groove in the gripping area



Secure gripping of flat parts



Article No.	EAN 4003773-	↔ mm	 	Pliers	Head	Handles	Cutting capacities				
							 Ø mm	 Ø mm	 Ø mm	 mm <sup>2</sup>	 g
08 21 145	078951	145	 	black atramentized	polished	plastic coated	3.0	2.0	8.0	16	116
08 22 145	078968	145	 	black atramentized	polished	with multi-component grips	3.0	2.0	8.0	16	148
08 25 145	078975	145	 	chrome-plated		with multi-component grips	3.0	2.0	8.0	16	148
08 26 145	079361	145	   	chrome-plated		insulated with multi-component grips, VDE-tested	3.0	2.0	8.0	16	154



**Diagonal cutters**

Now with even more power

70-160

MADE IN  
GERMANY

WILHELM  
KONIG



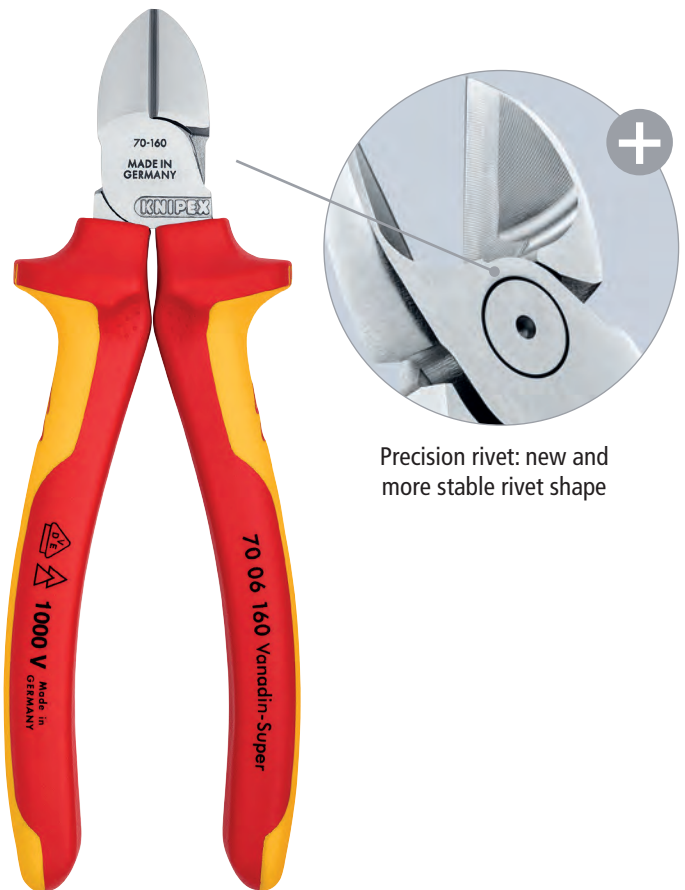
# Diagonal cutters

DIN ISO 5749

70

## The next generation of the KNIPEX classic, with even better features

- ▶ 20 % higher cutting force than the previous model, plus longer cutting edges
- ▶ high cutting force due to optimum cutting geometry and transmission ratio
- > strong precision rivet for even movement and long service-life
- > high-precision cutting edges: additionally induction hardened, cutting-edge hardness approx. 62 HRC
- > narrow head with long cutting edges: good access also in confined areas
- > long tool life and high loading capacity: forged from Vanadium electric steel, manifold oil-hardened
- > the essential diagonal cutters for diverse use



Precision rivet: new and more stable rivet shape



Cuts thin Cu wire accurately, also at the cutting-edge tips



Article No.	EAN 4003773-	↔ mm	Icons	Pliers	Head	Handles	Cutting capacities			⚖ g
							⊘ mm	⊘ mm	⊘ mm	
70 01 160	013426	160	🟢🟢	black atramentized	polished	plastic coated	4.0	3.0	2.0	179
70 02 160	034032	160	🟢🟢	black atramentized	polished	with multi-component grips	4.0	3.0	2.0	215
70 05 160	039600	160	🟢🟢	chrome-plated		with multi-component grips	4.0	3.0	2.0	215
70 06 160	021995	160	⚡ 1000V 🔌 🟢🟢	chrome-plated		insulated with multi-component grips, VDE-tested	4.0	3.0	2.0	229
70 07 160	018155	160	⚡ 1000V 🔌 🟢🟢	chrome-plated			4.0	3.0	2.0	240
70 26 160	018223	160	⚡ 1000V 🔌 🟡🟡	chrome-plated			4.0			229

**KNIPEX CoBolt® XL**

Compact bolt cutters

71

The compact bolt cutters from KNIPEX now also available in 250 mm length for one and two-hand operation

Up to a 40-fold increase of manual force

▶ for powerful cutting of larger cross-sections as well as very hard materials

▶ two-hand operation for maximum cutting force

> 60 % less effort required compared to high leverage diagonal cutters of the same size: 40-fold increase of manual force due to special joint design

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

> induction-hardened precision blades: cutting edge hardness approx. 64 HRC

> Chrome vanadium heavy-duty steel, forged, manifold oil-hardened

**71 01 250**  
straight blades

**71 31 250**  
blades with recess for easier cutting of larger cross-sections thanks to better leverage close to the fulcrum



Recess in the blade with laser engraving: for easier cutting of larger cross-sections



Article No.	EAN	↔ mm	Pliers	Handles	Cutting capacities			⚖ g
					Ø mm	Ø mm	Ø mm	
<b>71 01 250</b>	4003773-079637	250	▶▶	plastic coated	5.6	4.0	3.8	465
<b>71 31 250</b>	4003773-079644	250	▶▶	with recess in the blade	6.0	4.3	4.2	465



**Tile Breaking Pliers**

**91**

**Work without cutting-off machine, particularly for fine strips**  
**For less mess, dust, noise and effort**

- ▶ for the precise cutting (breaking) of tiles and porcelain stoneware after scoring with a tile cutter
- ▶ ideal for long and thick tiles
- > ideal protection of tiles against damage: replaceable positioning jaw made from soft, stable plastic
- > great crushing force thanks to 10-fold increase of manual force
- > easily adjusted to the required tile thickness at the press of a button
- > Chrome vanadium electric steel, forged, oil-hardened



Plastic positioning jaw: tilting for a clean break line and optimum protection of the tiles against damage



Article No.	EAN	↔		Pliers	Handle	⚖
91 13 250	4003773-079538	mm		chrome-plated	plastic coated	g
91 19 250 01	079545	250		Spare positioning jaw for 91 13 250		560

**Precision circlip pliers**

DIN 5256 for internal circlips in bore holes

48

**Now also with overstretching limiter**

► for all circlips with a diameter of 8 - 100 mm

- > for lasting safe assembly and dismantling of internal circlips in drilled holes
- > with overstretching limiter for standardized assembly according to DIN 472: the adjustable stop screw prevents overexpansion



Stop screw:  
adjustable opening width re-  
spectively stretching limitation

**Precision circlip pliers**

DIN 5254 for external circlips on shafts

49

**Now also with overstretching limiter**

► for all circlips with a diameter of 3 - 100 mm

- > for lasting safe assembly and dismantling of external circlips on shafts
- > with overstretching limiter for standardized assembly according to DIN 471: the adjustable stop screw prevents overexpansion

- > the adjustable overstretching limiter prevents excess expansion of the circlips
- > the shape of the tips with inserted straight tips made from drawn spring steel wire provides large contact areas for greater installation safety
- > heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- > precise pliers movement without play thanks to the smoothly operating screwed joint
- > Style 3 in conformance with DIN 5256 C – straight tips
- > Style 4 in conformance with DIN 5254 B – 90° angled tips



Article No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of bore Ø mm	Size of shaft Ø mm	Tips Ø mm	g
48 31 J0	079552	140	☉	3	grey atramentized	with non-slip plastic coating	8 - 13		0.9	105
48 41 J01	079569	130	☉ 90°	3	grey atramentized		8 - 13		0.9	105
48 41 J11	079576	130	☉ 90°	3	grey atramentized		12 - 25		1.3	105
48 41 J21	079640	165	☉ 90°	3	grey atramentized		16 - 60		1.8	175
48 41 J31	079590	210	☉ 90°	3	grey atramentized		40 - 100		2.3	265
49 41 A11	079606	130	☉ 90°	4	grey atramentized	with non-slip plastic coating		10 - 25	1.3	102
49 41 A21	079613	165	☉ 90°	4	grey atramentized			19 - 60	1.8	169
49 41 A31	079620	210	☉ 90°	4	grey atramentized			40 - 100	2.3	272



## Precision Electronics Gripping Pliers

DIN ISO 9655

34

### With precision laser cut cross-shaping

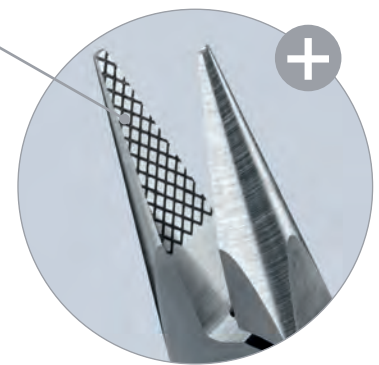
► for securely holding, pulling and guiding delicate components

- > for very precise assembly work, e.g. in electronics and fine mechanics
- > for gripping, holding and bending
- > approx. 20 % lighter than conventional electronics pliers
- > bolted joint and carefully manufactured joint surfaces for even, low-friction movement throughout the entire opening range
- > smooth-running double spring for a gentle and even opening
- > ergonomically optimised multi-component handles
- > forged from chrome vanadium ball-bearing steel

Flat, wide jaws



Half-round jaws



Cross-shaping: precision laser cut for a secure grip in ultra fine mounting work

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dimensions					⚖ g
							B mm	A mm	D mm	E mm	F mm	
34 42 130	080282	135		burnished	polished	with multi-component grips	21.90	11.20	6.50	1.40	3.50	61
34 42 130 ESD	080299	135		burnished	polished		21.90	11.20	6.50	1.40	3.50	61
34 52 130	080312	135		burnished	polished	with multi-component grips	22.70	11.20	6.50	1.60	1.60	61
34 52 130 ESD	080305	135		burnished	polished		22.70	11.20	6.50	1.60	1.60	61

## Assembly Pliers

DIN ISO 5743, with transverse profiles

28

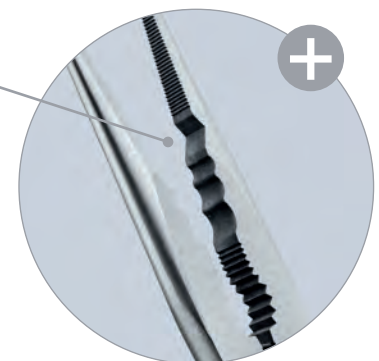
### Long assembly pliers with wave profile

► for gripping, adjustment and assembly work in hard to reach areas thanks to slim, very long design

► deep parts can be easily reached using the slim, half-round tips

- > careful yet reliable gripping, holding and guiding of small copper pipes, screws and cables as well as other round parts thanks to milled grooves with smooth surfaces
- > serrated pipe grip to grip round parts
- > particularly suitable for work in the automotive trade and in mechanical engineering
- > slim yet robust tool: forged from special tool steel, oil-hardened and tempered

Article No.	EAN 4003773-	↔ mm		⚖ g
28 71 280	079415	280		235
28 81 280	079422	280		235



Wave-shaped gripping profile: transverse profile for gripping, holding and guiding

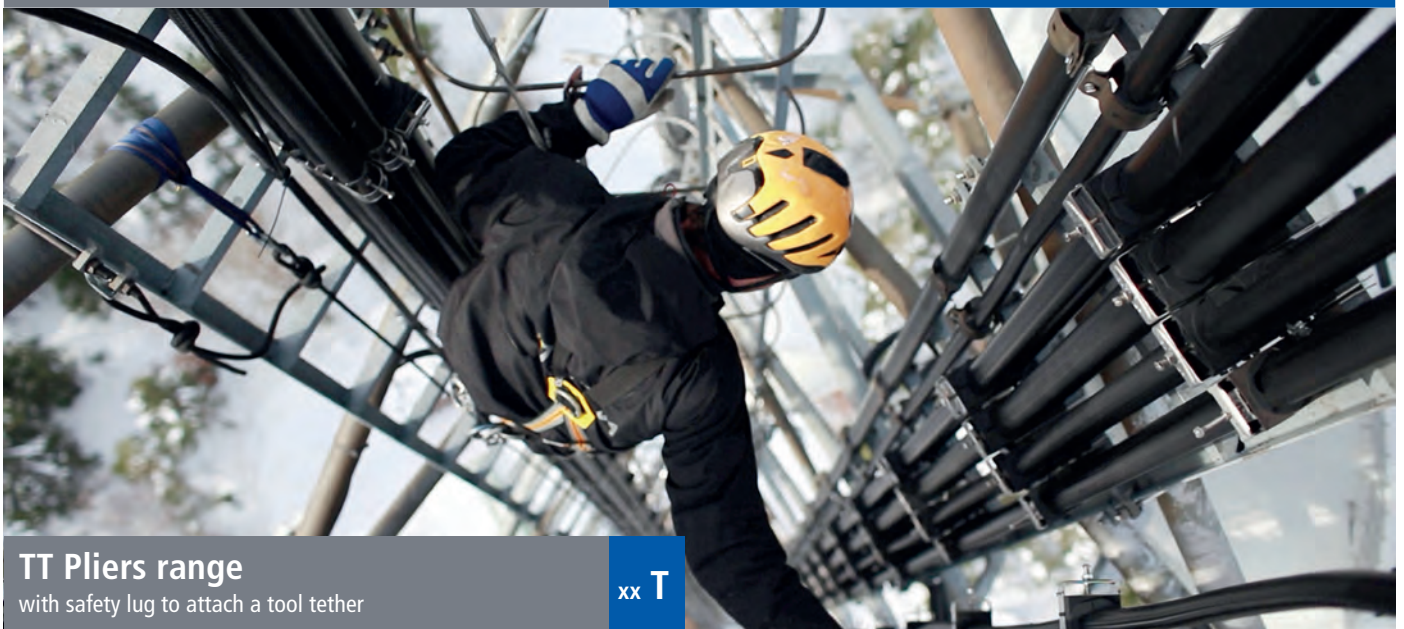




**The KNIPEX  
Tethered Tools Programme**







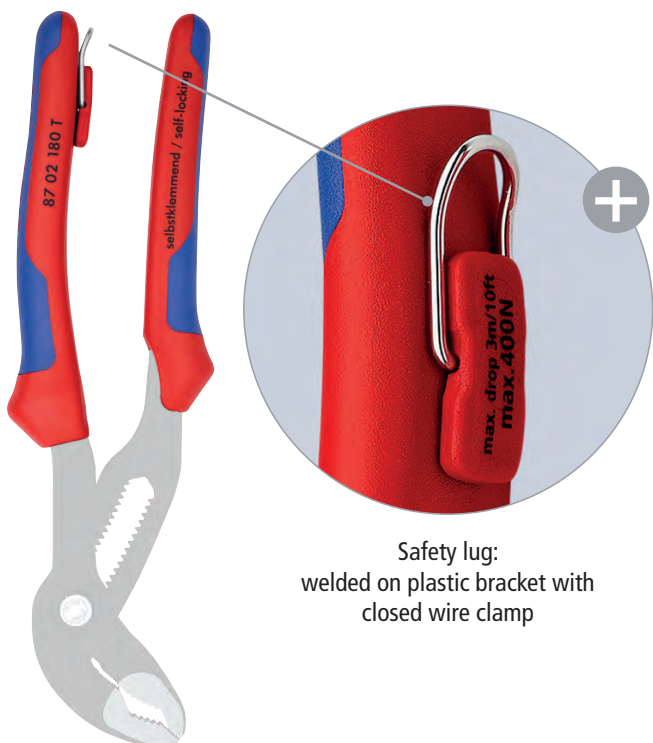
## TT Pliers range

with safety lug to attach a tool tether

xx T

### Tethered Tools

- ▶ effective protection against accidents caused by falling tools
- ▶ the safetylug for the range with multi-component handles
- ▶ tools can be secured to prevent falling down during use with cherry pickers, scaffolding and ladders and also by industrial climbers with wire ropes, high altitude rescue workers and the like using a tether
- ▶ safe work: very stable mounting lug for the line welded securely to the inside of the handle
- ▶ max load resistance 400 N
- ▶ flat mounting lug does not get in the way during normal work on the ground
- ▶ equipment is quickly secured and put down



Safety lug:  
welded on plastic bracket with  
closed wire clamp







## Siphon- and Connector Pliers

Robust, heavy duty



Siphon- and Connector Pliers

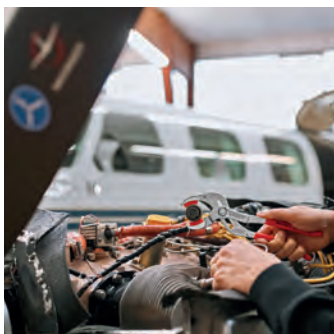
81

- ▶ for siphons, tube fittings and connectors up to 80 mm diameter
- ▶ fine adjustment for ideal adjustment to diverse diameters
- > ideal for tightening and loosening siphon screw connections, plastic pipe fittings and round union nuts
- > for connectors and couplings with screw connection, such as Cannon circular connectors
- > for gentle loosening of hoses on nozzles
- > 25 adjustment positions, box-joint design
- > ergonomic handle geometry
- > handles with non-slip plastic coating
- > Chrome vanadium electric steel, forged, oil-hardened



**Modell 81 01 250 / 81 03 250:**  
with serrated gripping jaws; up to Ø 80 mm

**Modell 81 11 250 / 81 13 250:**  
with exchangeable plastic jaws for sensitive surfaces; up to Ø 75 mm



Article No.	EAN	↔ mm		Pliers	Handles	Working capacity Ø mm	Adjustment positions	⚖ g	
81 01 250	078463	250		black atramentized; head polished	with non-slip plastic coating	25 - 80	25	356	
81 03 250	078487	250		chrome plated	with non-slip plastic coating	25 - 80	25	356	
81 11 250	078470	250		black atramentized; head polished	with non-slip plastic coating	10 - 75	25	358	
81 13 250	078494	250		chrome plated	with non-slip plastic coating	10 - 75	25	358	
81 19 250	078500	2 pairs of plastic jaws for 81 11 250 and 81 13 250							





## Cable Cutters

Sturdy. Easy to use. Stable.



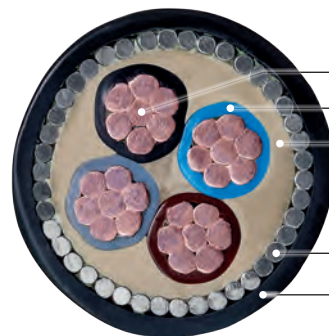
**Cable Cutters (ratchet action)  
for steel wire armoured cable (SWA-cable)**

95

- ▶ cuts through steel wire armoured cable with a diameter of up to 45 mm / 380 mm<sup>2</sup> (e.g. 4 x 95 mm<sup>2</sup>) using one or two-handed operation
- > simple handling due to low weight (800 g) and compact design (315 mm length) – can also be used in confined areas
- > precision ground blades and induction hardened cutting edges cut smoothly and neatly without crushing
- > innovative high leverage three-stage ratchet-drive
- > support area for putting down the pliers when cutting
- > High-grade special tool steel, forged, oil-hardened
  
- > not suitable for cutting ACSR cable and wire rope!



Precision milled and induction hardened cutting edge



- Copper Core
- XLPE Insulation
- Filler
- Galvanized Steel Wire
- PVC Outer Sheath

Cross-section of a steel wire armoured cable



Article No.	EAN	↔ mm		Tool	Handles	Cutting capacity		MCM	⚖ g
						∅ mm	mm <sup>2</sup>		
95 32 315 A	078562	315	MM	black lacquered	with multi-component grips	45	380	750	800
95 36 315 A	078579	315	⚡ 1000 V ⚡ MM	black lacquered	insulated with multi-component grips, VDE-tested	45	380	750	800
95 39 315 A 01	078586	Pivot cutter repair kit							
95 39 315 A 02	078593	Fixed cutter repair kit							





## Hose Clamp Pliers

To open and close Click clamps



Hose Clamp Pliers

85

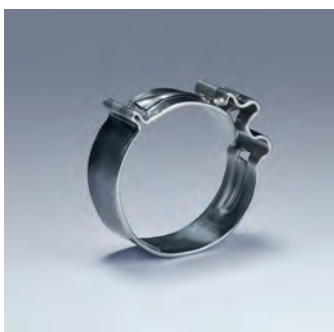
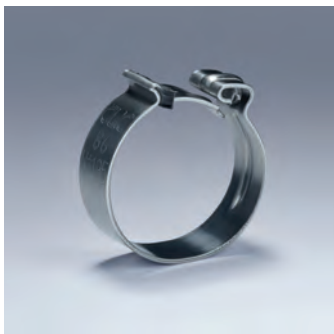
- ▶ rotating jaw inserts for the safe actuation of clamps in any position
- ▶ good leverage which allows clamps to be opened and closed again comfortably and easily without a great deal of effort
- > for easy working on fuel hoses, vacuum pipes and suction nozzles and many other applications
- > additional function: detach hoses gently using the serrated jaw
- > slim head design; narrow head width, rotating grip inserts make this an ideal tool, especially in confined areas
- > Chrome vanadium electric steel, forged, oil-hardened



The proven advantages of the KNIPEX Cobra® also apply to this Hose Clamp Pliers

- > guard prevents operators' fingers being pinched
- > reliable gripping with hand-friendly handle position
- > box-joint design for high stability due to double guide

Serrated gripping jaws for easy loosening of tight hoses



Article No.	EAN	↔		⚖
	4003773-	mm		g
85 51 250 C	078517	250	for Click clamps	355
85 59 250 C	078999		Spare parts assortment grip inserts	



## Spring Hose Clamp Pliers

with locking device

85

- ▶ the locking device enables simple and secure work on clamps under tension without effort
- ▶ one-hand release
  - > rotating, universal grip inserts for secure gripping of the clamps in all positions
  - > extremely good leverage which allows clamps to be opened easily without great effort
  - > slim head design; narrow head width, rotating grip inserts: an ideal tool, especially in confined areas
  - > can be used for standard, space-saving, spring wire hose clamps and for spring band clamps up to 70 mm nominal size
  - > maximum jaw opening 80 mm; allows more than 40 mm clamping range

### The proven features of the KNIPEX Cobra® also apply to the Spring Hose Clamp Pliers

- > guard prevents operators' fingers being pinched
- > secure gripping with hand-friendly handle position
- > fine adjustment ensures a precise fit to suit the most diverse clamp sizes
- > box-joint design: high stability due to the double guidance



Article No.	EAN	↔ mm	Capacity	Adjustment positions	△ g
85 51 250 AF	4003773-078623	250	max. 70 mm	19	340
85 59 250 A	077336	Spare parts assortment grip inserts			





# Precision Electronics Diagonal Cutters

DIN ISO 9654

79

► for an optimised flush cutting result of soft materials

- > for installations with tight tolerances, for precise configuration of wire ends
- > precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- > 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
- > cutting edges additionally induction hardened (approx. 64 HRC)
- > approx. 20 % lighter than conventional electronics pliers
- > bolted joint with carefully manufactured joint surfaces for even, low-friction movement throughout the entire opening range
- > smooth-running double spring for a gentle and even opening
- > ergonomically optimised multi-component handles
- > forged from chrome vanadium ball-bearing steel



Cut with 79 42 125  
(without bevel)

Cut with 79 42 125 Z  
(flush cut)



### The subtle difference

KNIPEX precision electronics pliers are made of high-quality ball bearing steel and processed with the highest degree of care. Each opening movement is gentle and even without backlash. Each work step proceeds reliably and precisely. This makes work much easier for professionals.



Article No.	EAN	↔ mm		Pliers	Head	Handles	Cutting capacity Ø mm	⚖ g
79 42 125 Z	278449	125	✳️	burnished	polished	with multi-component grips	0.1 - 1.3	58
79 42 125 Z ESD	278450	125	⚡				0.1 - 1.3	58

**KNIPEX Cobra® QuickSet 300**

The Cobra® QuickSet now also in 300 mm length

87

- ▶ fully open – push – grab
- ▶ additional fast adjustment on the workpiece also without pressing the push-button
- > 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 the double guidance
- > reliable catching of the hinge bolt: no unintentional shifting
- > guard prevents operators' fingers being pinched

The KNIPEX Cobra® QuickSet combines all proven properties of the KNIPEX Cobra® with an additional push function which makes it easier to work in very confined and inaccessible areas.

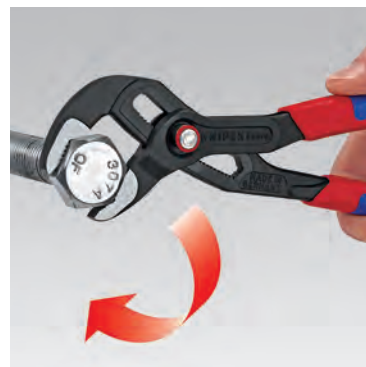
Adjustment directly on the workpiece is also possible by simply sliding the pliers handle. The hinge bolt locks itself with the first workload. The gripping width of the pliers is then fixed and can only be adjusted by pressing the button.



Press the button – open pliers completely



Position jaw – simply slide and close pliers



The hinge bolt locks itself with the first workload

QuickSet

Article No.	EAN	↔ mm		⊘ Inch	⊘ mm	↔ mm	Adjustment positions	⚖ g
87 21 300	4003773-078524	300		2 3/4	70	60	25	555



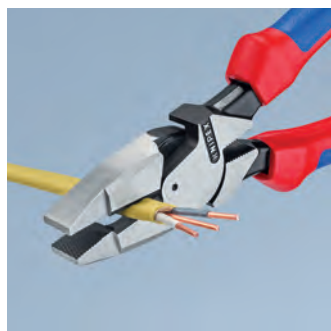


**Lineman's Pliers**  
DIN ISO 5746

09

- ▶ improved version
- ▶ now requires 50 % less effort compared with conventional combination pliers due to an optimised transmission ratio
- > solid construction for heaviest strain; universally applicable
- > high transmission ratio for easy cutting
- > ergonomically optimised handle shape for firm contact to the hand and fatigue reducing operation
- > particularly effective cross-hatched knurled gripping zone in the jaws – for strong gripping and pulling
- > additional gripping zone below the joint for powerful leverage and pressing performance
- > with cutting edges for soft and hard wire
- > cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- > Vanadium electric steel; forged, oil-hardened

**09 11 240 / 09 12 240:**  
with fish tape puller in the joint gap; with universal mandrel crimping point below the joint



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacity		
							Ø mm	Ø mm	g
09 01 240	064992	240		black atramentized	polished	with non-slip plastic coating	4.6	3.0	435
09 02 240	065005	240		black atramentized	polished	with multi-component grips	4.6	3.0	470
09 11 240	071952	240		black atramentized	polished	with non-slip plastic coating	4.6	3.0	435
09 12 240	071969	240		black atramentized	polished	with multi-component grips	4.6	3.0	470

## Pipe Wrenches S-Type

with rapid adjustment

83

► now a 2" capacity version available

- > time-saving, precise adjustment of the gripping width directly on the workpiece at the push of a button
- > less effort required due to self-locking action
- > no unintentional shifting of the pliers handles
- > guard prevents operators' fingers being pinched
- > maximum load capability thanks to completely hardened handles
- > high wear resistance due to the additionally hardened teeth
- > Chrome vanadium electric steel, forged, oil-hardened



Article No.	EAN 4003773-	↔ mm		Pliers	Handles	∅ mm	∅ Inch	∅ mm	∅ Inch	Clamping width mm	⚖ g
83 60 020	078838	560		red powder-coated		70	2 3/4	50	2	70	2420
83 61 020	077602	560		grey powder-coated	plastic coated	70	2 3/4	50	2	70	2480

## Cable Shears

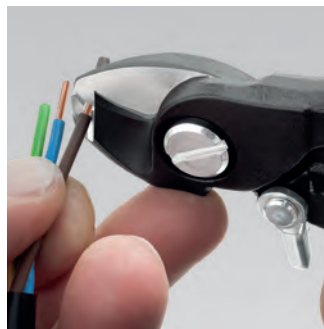
with stripping function

95

► multifunctional tool for working on NYM cable from 3 x 1.5 mm<sup>2</sup> to 5 x 2.5 mm<sup>2</sup> (cutting, stripping, stripping insulation)

► universal stripping area for both solid conductor cross-sections

- > for cutting copper and aluminium single conductors as well as multiple stranded cables
- > precision ground, hardened blades
- > clean and smooth cut without crushing and deformation
- > easy cutting with one-hand operation
- > reliable alignment of the cable in the stripping area due to V-shaped blade geometry
- > guard prevents operators' fingers being pinched
- > adjustable bolted joint, self-retaining screw
- > High-grade special tool steel, forged, oil-hardened
- > not suitable for steel wire and hard drawn copper conductors



Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacity		Stripping capacities mm <sup>2</sup>	AWG	⚖ g
						∅ mm	mm <sup>2</sup>			
95 41 165	078609	165		burnished	plastic coated	12	35	1.5 + 2.5	1/0	215



# INNOVATIONS 2015



Spring Hose Clamp Pliers



Hose Clamp Pliers



Cable Cutters (ratchet action)  
for steel wire armoured cable (SWA-cable)



Precision Electronics  
Diagonal Cutters



Siphon- and Connector Pliers



KNIPEX Cobra® QuickSet 300



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