

KNIPEX Quality – Made in Germany



New Products 2018

Including retrospect 2017



New Products 2018

KNIPEX TwistCut | p. 12

Corrugated Pipe Cutter



KNIPEX Twistor16 | p. 6

Flexible due to 360° rotating crimp head



Pliers Wrench | p. 4

The classic, reinvented



KNIPEX CoBolt® S | p. 8

Now in a 160 mm model



Wire Rope Cutter | p. 10

Compact and powerful



KNIPEX ErgoStrip® L | p. 13

For left-handers



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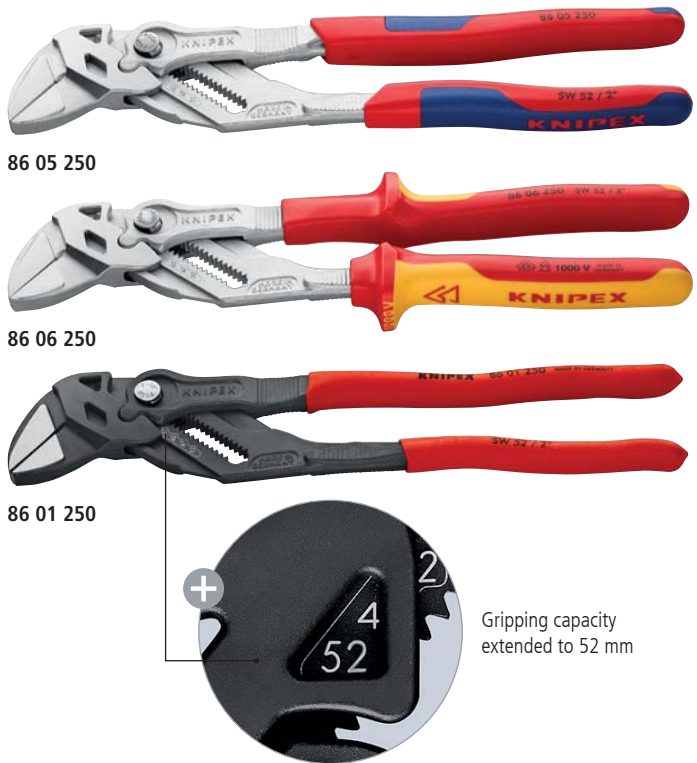
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Pliers Wrench

Pliers and a wrench in a single tool

86

- ▶ Increased gripping capacity due to two additional setting positions: flexible gripping of all widths across flats up to 52 mm
- ▶ 15 % less weight with the same stability
- ▶ Practical adjustment scale: a laser-cut scale allows the wrench opening to be set before gripping
- > Replaces a whole set of spanners – metric and imperial
- > Even easier to use due to considerably reduced weight, fluted pliers handle and slim jaw profile with undercut
- > Work directly on chrome: zero backlash jaw pressure prevents damage to edges of sensitive components
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Lever transmission greater than 10 : 1 for strong gripping power
- > Chrome vanadium electric steel, forged, oil hardened



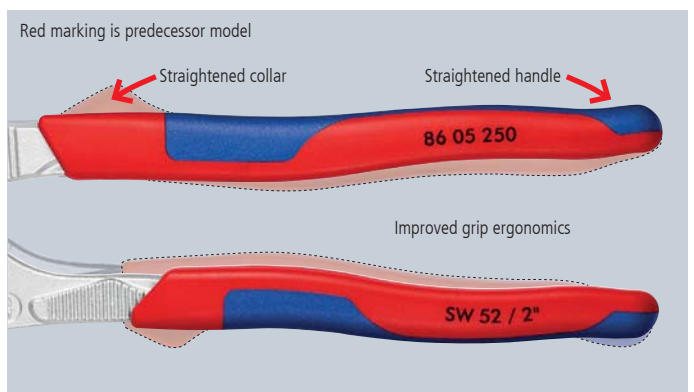
Gripping capacity extended to 52 mm



Opening width lasered onto the pliers head (metric on the front and imperial on the back)



Work without damaging sensitive surfaces, also on electrical equipment when using the VDE model



Ergonomic and "pocket friendly" thanks to multi-component grip

Article No.	EAN 4003773-	↔ mm	Pliers	Head	Handles	Adjustment positions	 Inch	 mm	 g
86 01 250	N 082385	250	black atramentized	polished	with non-slip plastic coating	19	2	52	457
86 01 250 SB	N 082637	250	black atramentized	polished	with non-slip plastic coating	19	2	52	457
86 02 250	N 082392	250	black atramentized	polished	with multi-component grips	19	2	52	468
86 02 250 SB	N 082644	250	black atramentized	polished	with multi-component grips	19	2	52	468
86 03 250	✓ 033837	250	chrome plated	polished	plastic coated	19	2	52	462
86 03 250 SB	✓ 022091	250	chrome plated	polished	plastic coated	19	2	52	462
86 05 250	✓ 047841	250	chrome plated	polished	with multi-component grips	19	2	52	485
86 05 250 SB	✓ 052029	250	chrome plated	polished	with multi-component grips	19	2	52	485
86 06 250	N 082408	250	chrome plated	polished	insulated with multi-component grips, VDE-tested	19	2	52	515
86 06 250 SB	N 082651	250	chrome plated	polished	insulated with multi-component grips, VDE-tested	19	2	52	515



Pliers Wrench

Greater gripping capacity – less weight –
greater convenience and comfort

The classic, reinvented

Product video



KNIPEX Twistor16

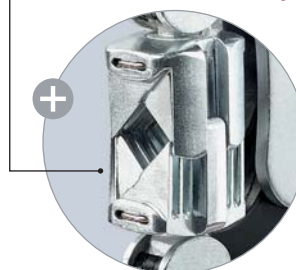
Self-adjusting crimping pliers for end sleeves (ferrules) with rotating crimp head

97

- ▶ Crimp head can be freely rotated 360°, with 8 locking positions
- ▶ Square crimp profile, high capacity range of 0.14 to 16 mm²
- ▶ End sleeves (ferrules) can be crimped from almost any working position
 - > Crimping pliers adjust automatically to different cross-sections
 - > Crimp opening accessible from both sides, extra-long end sleeves can be fed in
 - > Crimping of twin end sleeves (ferrules) up to 2 x 6 mm² possible
 - > Repetitive, high crimping quality due to integral lock (self-releasing mechanism)
 - > Light and handy tool, manual force reinforced by toggle lever mechanism
 - > Chrome vanadium electric steel in special quality, oil-hardened



97 53 18

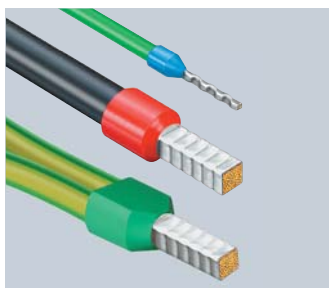


Crimp head can be rotated 360°

Product video



Crimp head can be rotated 360° for optimal accessibility, even in confined spaces

Twin end sleeves (ferrules) up to 2 x 6 mm² can be crimped without adjustmentCrimp end sleeves (ferrules) fully automatically within the capacity range of 0.14 to 16 mm²

Uniquely flexible: connectors can be inserted in the rotatable crimp head from almost any position



Article No.	EAN	↔ mm	Capacity mm ²	AWG	Number of crimping positions	⚖ g
97 53 18	082729	200	0.14 - 16	26 - 5	1	478
97 53 18 SB	082736	200	0.14 - 16	26 - 5	1	478



KNIPEX Twistor16

Powerful – compact – high capacity range

Flexible due to 360°
rotatable crimp head

KNIPEX CoBolt® S **Compact Bolt Cutter**

71

▶ Extremely high cutting performance in a convenient length of 160 mm

▶ Small, slim head for excellent accessibility

- > Compact and powerful: cuts bolts, nails, rivets etc. up to a diameter of 4.4 mm
- > Heavy duty, induction hardened cutting edge for thin, hard wire, screws and springs. Cutting edge hardness approx. 64 HRC
- > Less physical effort due to efficient lever action mechanism
- > No slipping of the material to be cut due to lasered cutting edge
- > With gripping surface below the joint for gripping and pulling wires with a diameter from as Ø 1.0 mm
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened



Lasered cutting edge prevents the material to be cut from slipping

Our CoBolt® family:



NEW

71 01 160

High cutting force with a length of just 160 mm – ideal for small hands



71 01 200

200 mm long, the classic among the compact bolt cutters



71 01 250

Also for two-hand operation: the 250 mm long KNIPEX CoBolt® XL cuts piano wire up to Ø 4.2 mm



Powerful through to the tips



Slim head for ideal accessibility



Compact, light and always to hand

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Cutting capacities				⚖ g
						Ø mm	Ø mm	Ø mm	Ø mm	
71 01 160 N	082668	160		black atramentized	plastic coated	5.3	4.4	3.2	3.0	195
71 01 200	033165	200		black atramentized	plastic coated	6.0	5.2	4.0	3.6	335
71 01 250	079637	250		black atramentized	plastic coated		5.6	4.0	3.8	465



KNIPEX CoBolt® S

Compact and powerful

Now in a handy length of 160 mm

Product video



Wire Rope Cutter

For high-strength wire ropes up to Ø 4 mm
and cable up to Ø 6 mm

95

- ▶ Compact size, low weight, high performance level
- ▶ High transmission joint design makes cutting 20 % easier
- ▶ Especially precise cutter guide thanks to box joint fitted with additional stabilisation plate

- > For cutting high-strength wire ropes up to Ø 4 mm and cable up to Ø 6 mm
- > At just 160 mm long, considerably more powerful than many larger wire rope cutters
- > Convenient work thanks to opening spring
- > Secured by locking device during transport
- > Ball bearing steel for a long service life
- > Cutting edges additionally induction hardened



User-friendly and reliable
thanks to locking device and
opening spring



95 62 160

New: strong wire rope cutters, 160 mm length

Product video



Compact at 160 mm but nevertheless more powerful than many larger wire rope cutters



For cutting high-strength wire ropes (1960 N/mm²) with a diameter of up to 4 mm



Double-bearing joint

Article No.	EAN	↔ mm	Head	Handles	⊗ mm	⊙ mm	⚖ g
95 62 160	N 082354	160	polished	with multi-component grips	6.0	4.0	172
95 62 160 SB	N 082712	160	polished	with multi-component grips	6.0	4.0	172

Wire Rope Cutter

Particularly powerful cutting with small size

For cutting high-strength wire ropes up to Ø 4 mm and cable up to Ø 6 mm



KNIPEX TwistCut

Corrugated Pipe Cutter

90

PAT. PEND.

- For the reliable and fast cutting of plastic corrugated pipes with the universal capacity range of diameters from 13 to 32 mm

- No damage to the internal cables or pipes

- > Simple insertion, reliable and easy cutting without waste
- > Precise cut without damage thanks to unique arrangement of the cutters with side guide
- > Good accessibility thanks to slim design
- > Made of glass fibre reinforced multi-component plastic with soft gripping zone

90 22 02 SB

- > With wire stripping blades for diameters of 0.2/0.3/0.8/1.5/2.5/4.0 mm
- > Location ridges (patent pending) on the 1.5 and 2.5 mm² wire stripping blades for the fast insertion of cable
- > Internal length scale for consistent stripping of cable, legible for both right and left handed users

Product video

**90 22 01 SB**

Without stripping function

**90 22 02 SB**

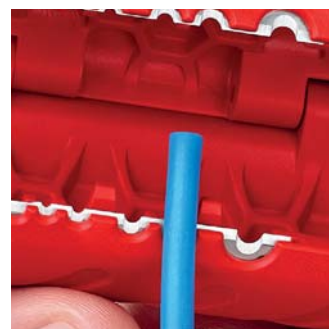
With stripping function



Easy to use: press KNIPEX TwistCut together, turn with slight pressure, done



Clean cutting edge with no damage to internal cables as the cut is always at the top of the corrugation

**90 22 02 SB:** Practical locator simplifies the insertion of single conductors for stripping

Also for protective pipes on aluminium composite pipes in plumbing, up to a diameter of 32 mm



Convenient handling due to fastener with locking device and opening by means of internal spring

**90 22 02 SB:** Injection moulded length scale for consistent stripping to a uniform length, legible for left and right handed users

Article No.	EAN 4003773-	↔ mm	Corrugated pipe cutting performance Ø mm	Stripping capacities mm ²	⚖ g
90 22 01 SB	082286	100	13 - 32		47
90 22 02 SB	082293	100	13 - 32	0.2 - 4.0	47

KNIPEX ErgoStrip® L **Universal Stripping Tool**

New: ErgoStrip® L for left-handers

16
95

- ▶ 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 mm² up to 5 x 2.5 mm²), data cable (e.g. twisted pair) and coax cable
- ▶ Innovative, ergonomic pistol grip design for easy cutting, stripping and longitudinal cut of the sheath
- ▶ Conically slimmed down tool ends for better access in confined areas
- ▶ Stripping device for cross-sections 0.2/0.3/0.8/1.5/2.5/4 mm²
- ▶ Simplified insertion of single conductors for wire stripping using locating 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

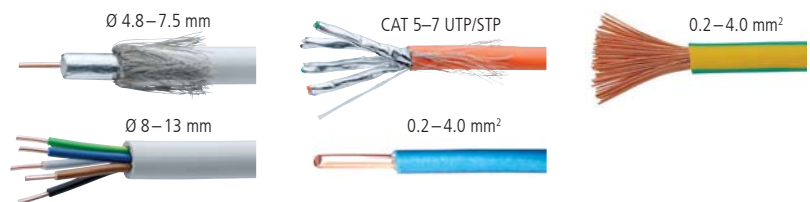


16 95 01 SB
version for right-handers

(PAT. PEND.)

16 95 02 SB
version for left-handers

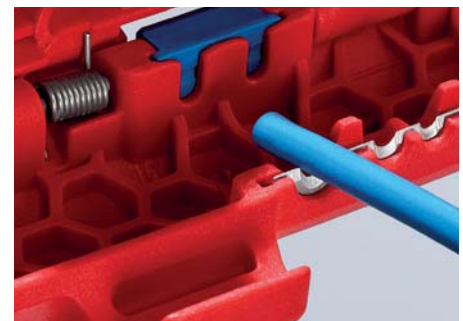
Product video



Stripping of a NYM cable



With concealed cutter in overhanging thumb rest on the side for convenient lengthwise cut



Practical locator simplifies the insertion of single conductors for stripping



Stripping of a data cable



Stripping of a coax cable



Stripping of a coax cable

Article No.	EAN	↔ mm		Stripping capacities				Δ g
				round cable Ø mm	conductors and strands mm ²	data cable	coax cable Ø mm	
16 95 02 SB	082910	135	MM	8 - 13	0.2 - 4	CAT 5 - 7, Twisted pair (UTP/STP)	4.8 - 7.5	40
16 95 01 SB	079927	135	MM	8 - 13	0.2 - 4	CAT 5 - 7, Twisted pair (UTP/STP)	4.8 - 7.5	40

New design, easier to use: KNIPEX Electronics Pliers

KNIPEX presents the re-engineered electronics diagonal cutters, end cutting nippers and gripping pliers with box joint design. Whether in terms of durability, transmission of force or dexterity, the new models are more compact and more powerful in many areas:

- ▶ Improved durability due to material change to ball bearing steel
- ▶ Greater joint stability: the large double guided box joint design allows for a long, zero backlash use
- ▶ Greater "dexterity": the geometry adjustments of the pliers ensure a uniform bending behavior and increase the sensitivity when working.

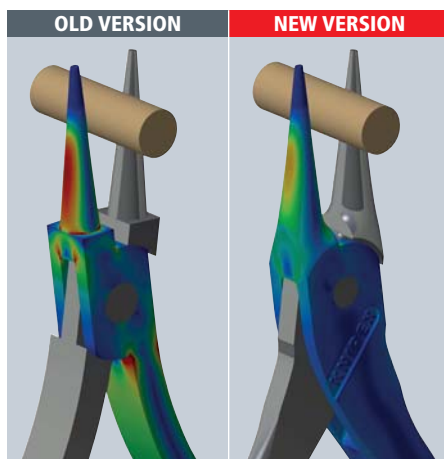




- ▶ Less physical effort due to improved transmission
- ▶ Laser-hardened cutting edges for long-lasting excellent cutting performance



- ▶ Dip-coated model (left) is replaced by the new, non-slip single component grip (right)
- ▶ New head shape for improved accessibility; due to the rounded edges on the head of the pliers, there is no inadvertent damage to surrounding components



- ▶ The bionic design increases the service life thanks to the optimised distribution of stress



- ▶ The fluted moulding behind the cutting edge reduces the required cutting force when cutting thicker materials



- ▶ Controlled, sensitive guiding of the pliers thanks to the raised, slim multi-component and single component grips

Automatic Stripping Pliers

For multicore cable Ø 4.4 to Ø 7.5 mm
with irregular sheathing cross-section

12

- ▶ For control and sensor cables / actuator cables, also for stripping flexible 3-core feed cables and extension cable
- ▶ Automatic adjustment to cable diameters between 4.4 and 7.5 mm
- ▶ No damage to the inner conductor or shield braid
 - > For oil-resistant, halogen-free control and sensor / actuator cables with multicore cable design, shielded and unshielded
 - > Suitable for highly flexible TPE-U-pipes, PUR and PVC cable sheathing, rubber leads such as H05 etc.
 - > Long stripping lengths possible
 - > Body: plastic, fibreglass-reinforced
 - > Exchangeable blade: special tool steel, oil-hardened

**12 74 180**

Sectional view of an extension lead



Required stripping length easy to read off



Complex cutter design for precise and damage-free stripping of round cables

Article No.	EAN 4003773-	↔ mm	Stripping capacities Ø mm	⚖ g
12 74 180 SB 	082323	175	4.4 - 7.5	120
12 79 31 	082682	1 pair of spare blades for 12 74 180 SB		

Range boxes of end sleeves (ferrules)

Brand sleeves from German production

97

► Practical dispenser box, stackable and reclosable

- > Handy and transparent dispenser box
- > Rotatable lid with opening to take out individual end sleeves (ferrules)
- > Format: Ø 90 mm, height 44 mm

97 99 905 / 97 99 906 / 97 99 907

equipped with insulated end sleeves (ferrules) to DIN colour code

97 99 908 / 97 99 909

equipped with insulated twin end sleeves (ferrules) to DIN colour code

97 99 910 / 97 99 911

equipped with uninsulated end sleeves (ferrules)



Article No.	EAN 4003773-		g
97 99 905 N	082446	With 30 pieces each insulated 0.25 / 0.34 / 0.5 / 1 mm ² end sleeves (ferrules)	70
97 99 906 N	082453	With 50 pieces each insulated 0.5 and 2.5 mm ² and 100 pieces each 0.75 / 1 / 1.5 mm ² end sleeves (ferrules)	95
97 99 907 N	082460	With 50 pieces insulated 4.0 mm ² , 20 pieces each 6.0 and 10.0 mm ² , 10 pieces 16 mm ² end sleeves (ferrules)	90
97 99 908 N	082477	With 50 pieces each twin end sleeves (ferrules) 2 x 0.75 / 1 / 1.5 / 2.5 mm ²	95
97 99 909 N	082484	With 20 pieces twin end sleeves (ferrules) 2 x 4 mm ² , 10 pieces each 2 x 6 and 2 x 10 mm ² , 5 pieces 2 x 16 mm ²	85
97 99 910 N	082491	With 500 pieces each 0.5 and 0.75 mm ² , 400 pieces 1.0 mm ² , 300 pieces 1.5 mm ² , 200 pieces 2.5 mm ² non-insulated end sleeves (ferrules)	145
97 99 911 N	082507	With 150 pieces 4.0 mm ² , 75 pieces each 6.0 and 10.0 mm ² , 50 pieces 16.0 mm ² non-insulated end sleeves (ferrules)	140

Electricians' shears

Universal shears with crimp area for electricians

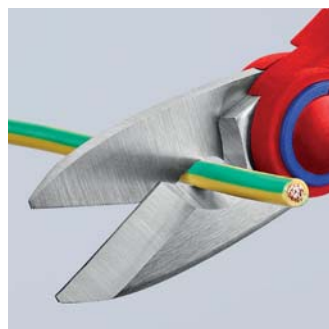
95

► New: with crimp function for end sleeves (ferrules)

- > Precisely ground blades with fine serration for clean, non-slip (nonskid) cut
- > Crimp zone for crimping end sleeves (ferrules) up to a diameter of 6.0 mm
- > With plastic belt pouch
- > Handles with multi-component grips, glass fibre reinforced
- > Cutting edges made from stainless steel, hardness of cutting edges 56 HRC



No slipping thanks to micro-serration



Integrated cable cutter



Fast, easy crimping



Safely stored and ready to hand at all times

Article No.	EAN 4003773-	mm	g
95 05 10 SB N	082125	160	144

Product video



Tool Case "Robust 34" Electric

26 parts

00

- For the toughest operating conditions:
dust-tight, waterproof and temperature resistant
- Filled with 26 branded tools for professional electricians

- > Fit to fly case, made from impact-resistant polypropylene
- > Clear, tried and tested layout
- > Padlock eyelets
- > Air pressure compensation valve
- > Document compartment; tool panels made of Con-Pearl® with pouches that can be filled with tools
- > Base tray with aluminium separators, 510 x 419 x 215 mm
- > 34 litre capacity
- > Maximum load of 25 kg

00 21 36 LE

Case supplied without tools

00 21 36



Con-Pearl® is a registered trademark of friedola TECH GmbH



With shoulder strap and convenient multi-component handle



With pressure valve for venting and name plate



With document compartment



With locking mechanism by means of a padlock (padlock not included with delivery)



Aluminium separators for individually dividing up the base tray

Article No.	EAN					Quantity	Nominal size	g
00 21 36 	4003773-082583		Tool Case "Robust 34" Electric, 26 parts					10000
			00 11 01	KNIPEX TwinKey®, for all standard cabinets and shut-off systems	Knipex	1		
		   	08 26 145	Needle-Nose Combination Pliers	Knipex	1	145 mm	
			12 40 200	Self-Adjusting Insulation Strippers	Knipex	1	200 mm	
		   	13 86 200	Pliers for Electrical Installation	Knipex	1	200 mm	
			16 95 01 SB	KNIPEX ErgoStrip®, Universal Dismantling Tool	Knipex	1	135 mm	
		   	70 06 160	Diagonal Cutter	Knipex	1	160 mm	
		 	87 01 180	KNIPEX Cobra®, Hightech Water Pump Pliers	Knipex	1	180 mm	
			97 53 04	Self-Adjusting Crimping Pliers for End Sleeves (ferrules), with lateral access	Knipex	1	180 mm	
		 	98 52	Cable Knife	Knipex	1	185 mm	
		 	003484	16-part set of VDE interchangeable blades, slim	Wera	1		
			16135	Model 70 Electric spirit level	Stabila	1	430 mm	
00 21 36 LE 	082576		Case supplied without tools					7100

Tool Case "Robust45" Electric

63 parts

00

- For the toughest operating conditions:
dust-tight, waterproof and temperature resistant
- Extensively filled with 63 branded tools for
professional electricians

- > Fit to fly case, made from impact-resistant polypropylene
- > Clear, tried and tested layout
- > Can be used as trolley: with telescopic handle and wheels
- > Padlock eyelets
- > Air pressure compensation valve
- > Gas pressure absorber in the hinge
- > Document compartment; tool panels made of Con-Pearl® with pouches that can be filled with tools
- > Pneumatically cushioned lid
- > Base tray with aluminium separators, 609 x 428 x 263 mm
- > 45 litre capacity
- > Maximum load of 35 kg

00 21 37 LE

Case supplied without tools

Gas pressure absorber in the hinge: convenient opening of the lid of the case, with no risk of injury from the case closing inadvertently



00 21 37

Con-Pearl® is a registered trademark of friedola TECH GmbH



With large easy-roll wheels and telescopic handle for convenient transportation – also on uneven ground



With pressure valve for venting and name plate



With document compartment



With locking mechanism by means of a padlock (padlock not included with delivery)



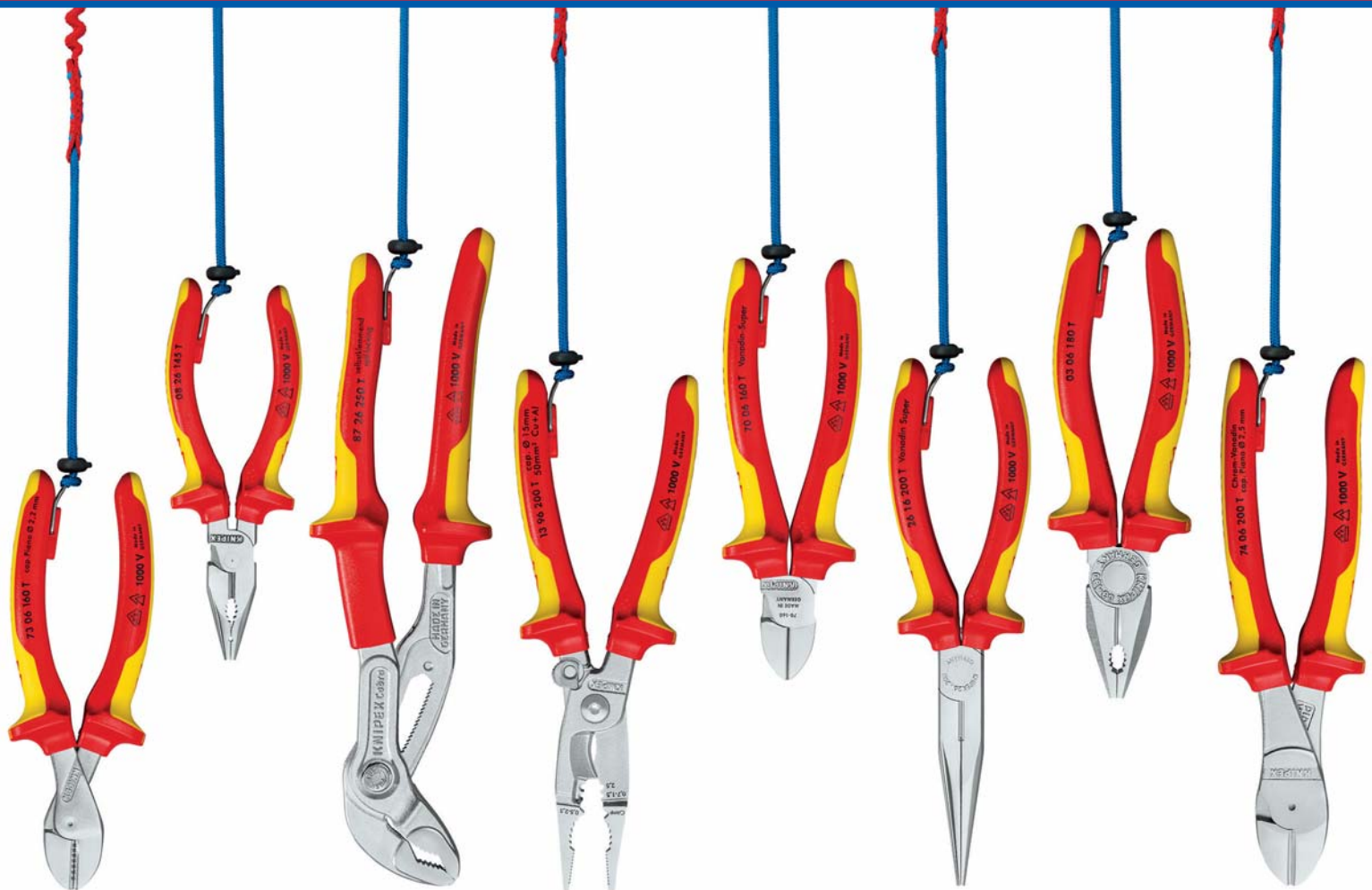
Aluminium separators for individually dividing up the base tray

Article No.	EAN 4003773-					Quantity	Nominal size	g
00 21 37 N	082606		Tool Case "Robust 45" Electric, 63 parts					15000
			00 11 01	KNIPEX TwinKey®, for all standard cabinets and shut-off systems	Knipex	1		
			08 26 145	Needle-Nose Combination Pliers	Knipex	1	145 mm	
			12 42 195	KNIPEX MultiStrip 10, Automatic Insulation Stripper	Knipex	1	195 mm	
			13 86 200	Pliers for Electrical Installation	Knipex	1	200 mm	
			16 95 01	KNIPEX ErgoStrip®, Universal Dismantling Tool	Knipex	1	135 mm	
			26 26 200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers)	Knipex	1	200 mm	
			70 06 160	Diagonal Cutter	Knipex	1	160 mm	
			74 06 200	High Leverage Diagonal Cutter	Knipex	1	200 mm	
			86 03 180	Pliers Wrench, pliers and a wrench in a single tool	Knipex	1	180 mm	
			87 01 180	KNIPEX Cobra®, Hightech Water Pump Pliers	Knipex	1	180 mm	
			97 53 04	Self-Adjusting Crimping Pliers for End Sleeves (ferrules), with lateral access	Knipex	1	180 mm	
			98 52	Cable Knife	Knipex	1	190 mm	
			98 25 01 SL	Screwdriver (Slim) for cross-recessed screws, Pozidriv®	Knipex	1	187 mm	
			98 20 35 SL	Screwdriver (Slim) for slotted screws	Knipex	1	202 mm	
			3003010119	Locksmith's hammer, 300 g	Picard	1		
			004018	8100 SA 8 Zyklop set of metal ratchets, 28 parts	Wera	1	1/4"	
			003760	Joker open-end wrench	Wera	1	10x13 mm	
			003484	16-part set of VDE interchangeable blades, slim	Wera	1		
			18115	Pocket Electric mini spirit level	Stabila	1	68 mm	
			16135	Model 70 Electric spirit level	Stabila	1	430 mm	
			361 252 1	Electrician's Chisel	Rennsteig	1	250x10 mm	
00 21 37 LE N	082590		Case supplied without tools					10800



VDE-tested tools with drop protection system

   1000 V



KNIPEX Tethered Tools, VDE-tested

Flexible drop protection system

T

- ▶ Working at heights and live line working are associated with greater risk
- ▶ Using the Tethered Tools versions of the individually tested KNIPEX VDE pliers significantly reduces hazards caused by falling tools
- > 16 different models of insulated KNIPEX pliers available in a Tethered Tools version (others on request)
- > Tool is reliably protected by a tether, adapter strap and carabiner
- > Doubly safeguarded work: extremely stable tether attachment welded tightly to the handle, for attaching a tether
- > Tether attachment does not get in the way during unsecured work on the ground
- > Handles with insulating multi-component grips, additionally tested for stress from heat, cold, tension and impact; tested in accordance with DIN EN / IEC 60900, VDE



You can find all models of Tethered Tools from page 26

Article No.	EAN 4003773-	↔ mm	Pliers
03 06 180 T	081395	180	Combination Pliers
08 26 145 T	081401	145	Needle-Nose Combination Pliers
11 06 160 T	081418	160	Insulation Strippers
13 96 200 T	081425	200	Pliers for Electrical Installation
13 66 180 T	081319	180	KNIPEX StriX, Insulation Strippers with Cable Shears
25 06 160 T	081432	160	Snipe Nose Side Cutting Pliers, Radio Pliers
26 16 200 T	081449	200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers), straight
26 26 200 T	081456	200	Snipe Nose Side Cutting Pliers (Stork Beak Pliers), angled
70 06 160 T	081463	160	Diagonal Cutter
70 06 180 T	081470	180	Diagonal Cutter
73 06 160 T	081487	160	KNIPEX X-Cut® Compact Diagonal Cutter
74 06 200 T	081494	200	High Leverage Diagonal Cutter
74 06 250 T	081500	250	High Leverage Diagonal Cutter
87 26 250 T	081517	250	KNIPEX Cobra® VDE, Hightech Water Pump Pliers
95 16 165 T	081524	165	Cable Shears
97 78 180 T	081531	180	Crimping Pliers for end sleeves (ferrules)

The tool protection system for tools with tether attachment

Product video



- Versatile application potential ranging from building construction to industrial climbers
- Reliably prevents the tool from falling down and can protect against serious injuries, damage to property or loss

Tether

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50

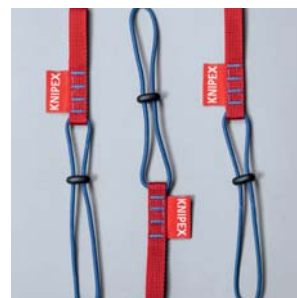
- > Wide working radius: flexible tether for user-friendly work
- > Variable fastening options: with strap made of a flat belt sewn to one end and a cord and cord stopper sewn into the other end
- > Suitable for all KNIPEX pliers with tether attachment



Adapter straps

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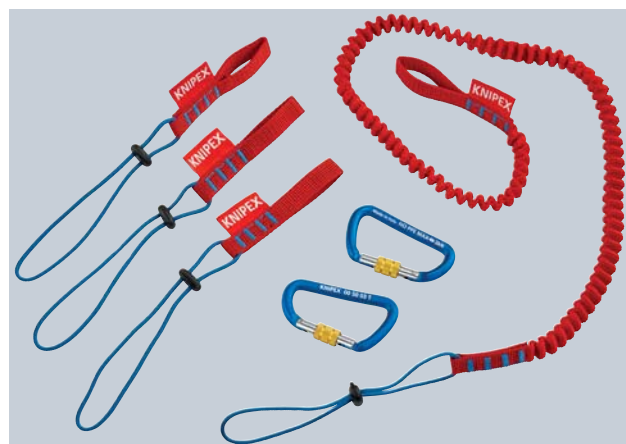
- > Diverse options for fastening in combination with the carabiner and the tether
- > Permits fast, safeguarded switching from the fastener on the tool bag to the tether and from one tool to another
- > Suitable for all KNIPEX pliers with tether attachment



Carabiners

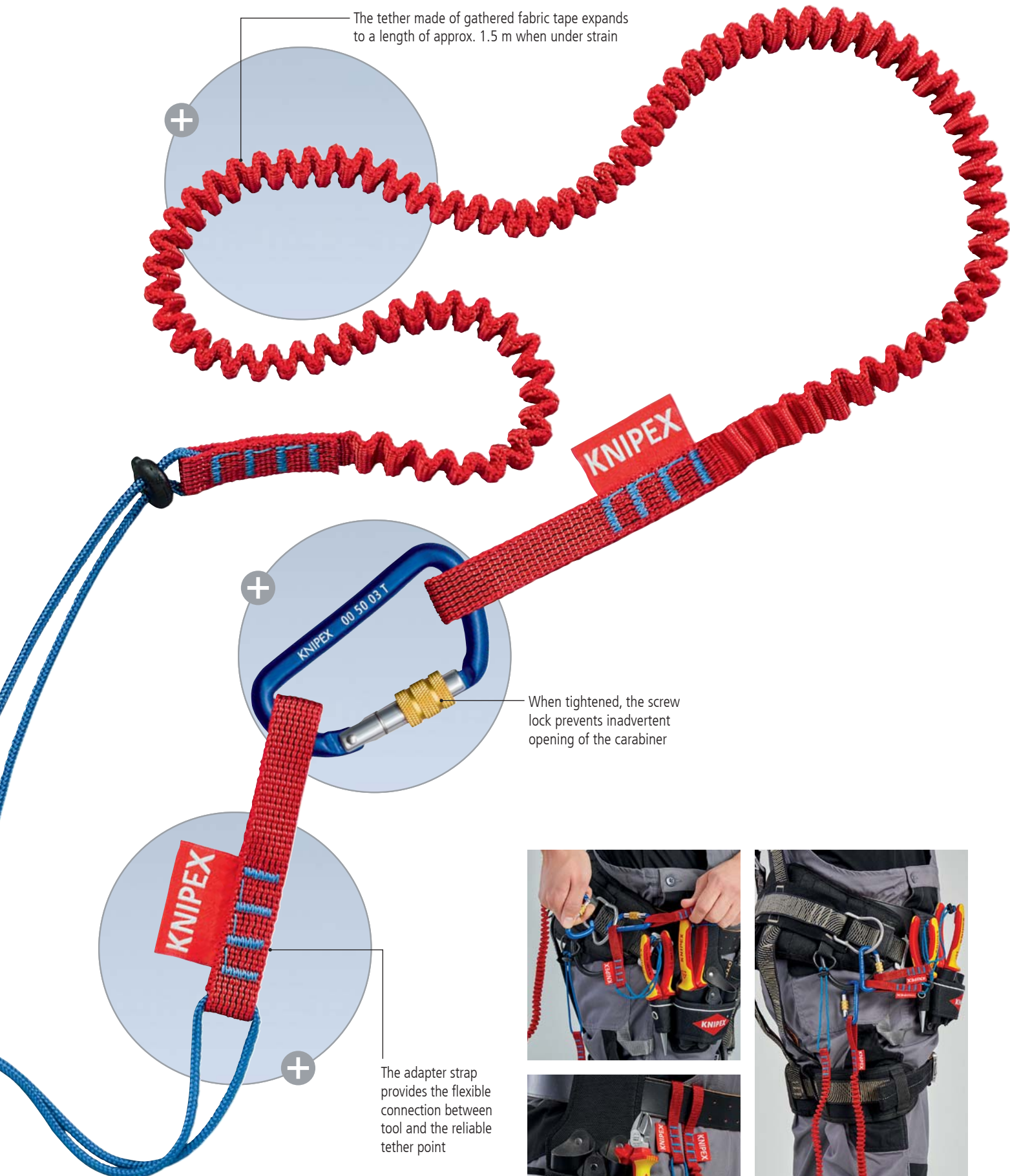
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50

- > With screw lock to prevent accidental opening
- > Safeguarded: catch to increase the tensile strength
- > Strong and light aluminium design weighing just 28 g each
- > For connecting adapter strap and tether or to attach these to a fixed point



Article No.	EAN	
00 50 01 T BK	4003773-081357	1 x Tether
00 50 02 T BK	081364	3 x Adapter strap
00 50 03 T BK	081371	2 x Carabiner
00 50 04 T BK	081388	Tethering System Set: 1 Tether, 3 x Adapter strap, 2 x Carabiner

00 50 04 T BK: the complete Tethering System Set



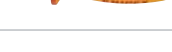
Pliers with tether attachment point

Complete range



	Article No.	Description
Pliers range with tether attachment point for a tool tether		
	02 02 225 T black atramentized; head polished	High Leverage Combination Pliers, 35 % energy saved compared to conventional combination pliers due to optimised transmission
	08 22 145 T black atramentized; head polished	Needle-Nose Combination Pliers, Slim head for use in inaccessible work areas
	09 02 240 T black atramentized; head polished	Lineman's Pliers, American style, requires 50 % less effort compared with conventional combination pliers
	09 12 240 T black atramentized; head polished	09 12 240 T: with cable pulling device and universal mandrel crimp
	13 05 160 T chrome plated	Electricians' Pliers, For gripping, bending, cutting wire and crimping end sleeves (ferrules)
	13 82 200 T black atramentized; head polished	Pliers for Electrical Installation, multifunctional pliers for the electrical installation
	26 12 200 T black atramentized; head polished	Snipe Nose Side Cutting Pliers, (Stork Beak Pliers), Extremely durable, elastic precision tips; half-round, long, pointed jaws; straight
	26 15 200 T chrome plated	
	26 22 200 T black atramentized; head polished	Snipe Nose Side Cutting Pliers, (Stork Beak Pliers), Extremely durable, elastic precision tips; half-round, long, pointed jaws; bent
	26 25 200 T chrome plated	
	70 05 160 T chrome plated	Diagonal Cutter, Slim head for use in inaccessible work areas; with fall protection mechanism, available in compact 160 mm length and robust 180 mm length
	70 05 180 T chrome plated	
	71 02 200 T black atramentized	KNIPEX CoBolt®, Compact Bolt Cutters, Particularly high cutting performance with little physical effort
	71 22 200 T black atramentized	71 22 200 T: 20° angled head with single-sided joint bar and diagonal cutting edge for flush cutting
	71 32 200 T black atramentized	71 32 200 T: Recess in the blade for cutting thicker wire
	73 05 160 T chrome plated	KNIPEX X-Cut®, Compact Diagonal Cutter, For the toughest, sustained use

	Article No.	Description
Pliers range with tether attachment point for a tool tether		
	74 02 200 T black atramentized; head polished	High Leverage Diagonal Cutters, high cutting performance with minimum effort; Available with fall protection in 200 mm and 250 mm lengths
	74 02 250 T black atramentized; head polished	
	74 22 200 T black atramentized; head polished	74 22 200 T: 12° angled head in a 200 mm length
	74 22 250 T black atramentized; head polished	74 22 250 T: 12° angled head in a 250 mm length
	86 05 180 T chrome plated	Pliers Wrenches, pliers and a wrench in a single tool, for damage free installation of plated fittings; Available with fall protection in a compact 180 mm a classic 250 mm length
	86 05 250 T chrome plated	
	87 02 180 T grey atramentized; head polished	KNIPEX Cobra®, Hightech Water Pump Pliers, push the button for adjustment on the workpiece; self-locking on pipes and nuts; Available with fall protection in a compact 180 mm length, a classic 250 mm length and in a 300 mm length for greater leverage
	87 02 250 T grey atramentized; head polished	
	87 02 300 T grey atramentized; head polished	
	88 02 250 T black atramentized; head polished	KNIPEX Alligator®, Water Pump Pliers, self-locking on pipes and nuts; box-joint design; Available with fall protection in the classic 250 mm length and in a 300 mm length for greater leverage
	88 02 300 T black atramentized; head polished	
	95 12 165 T burnished	Cable Shears, precision ground, hardened blades: clean and smooth cut without crushing and deformation
	95 62 190 T head polished	Wire Rope Cutter, forged, Cutter geometry prevents the wire rope fanning out

	Article No.	Description
VDE Pliers range with tether attachment point for a tool tether		
	03 06 180 T chrome plated	N Combination Pliers, with gripping zones for flat and round material
	08 26 145 T chrome plated	N Needle-Nose Combination Pliers, Slim head for use in inaccessible work areas
	11 06 160 T chrome plated	N Insulation Stripper, for single, multiple and fine stranded conductors with plastic or rubber insulation
	13 96 200 T chrome plated	N Pliers for Electrical Installation, multifunctional pliers for the electrical installation
	13 66 180 T chrome plated	N KNIPEX StriX, Insulation Strippers with Cable Shears
	25 06 160 T chrome plated	N Snipe Nose Side Cutting Pliers (Radio Pliers), for gripping and cutting work in precision mechanics; pointed, half-round jaws
	26 16 200 T chrome plated	N Snipe Nose Side Cutting Pliers, (Stork Beak Pliers), Extremely durable, elastic precision tips; half-round, long, pointed jaws
	26 26 200 T chrome plated	N 26 16 200 T: straight 26 26 200 T: bent
	70 06 160 T chrome plated	N Diagonal Cutter, Slim head for use in inaccessible work areas; available with fall protection in a compact length of 160 mm and a robust 180 mm length
	70 06 180 T chrome plated	N
	73 06 160 T chrome plated	N KNIPEX X-Cut®, Compact Diagonal Cutter, for the toughest, sustained use
	74 06 200 T chrome plated	N High Leverage Diagonal Cutters, high cutting performance with minimum effort; Available with fall protection in lengths of 200 mm and 250 mm
	74 06 250 T chrome plated	N
	87 26 250 T chrome plated	N KNIPEX Cobra® VDE, Hightech Water Pump Pliers, push the button for adjustment on the workpiece and nuts
	95 16 165 T chrome plated	N Cable Shears, precision ground, hardened blades: clean and smooth cut without crushing and deformation
	97 78 180 T polished	N Crimping Pliers for end sleeves (ferrules), Secure crimping in 9 marked half-round dies with tapered side surfaces

	Article No.	Description
Drop protection system for tools with tether attachment point		
	00 50 01 T BK N	1 x Tether Wide working radius: the tether made of gathered fabric tape expands to a length of approx. 1.5 m when under strain
	00 50 02 T BK N	3 x Adapter straps Flexible connection between tool and the reliable tether point
	00 50 03 T BK N	2 x Carabiner When tightened, the screw lock prevents inadvertent opening of the carabiner
	00 50 04 T BK N	Tethering System Set For diverse options for attaching KNIPEX pliers using the tether attachment (1 x Tether, 3 x Adapter straps, 2 x Carabiner)

► Our drop protection system is also suitable for our wide range of VDE-tested screwdrivers



The through hole on the handle of all KNIPEX screwdrivers permits connection to our drop protection system.

► Insulation strippers with Cable Shears – two essential electrical installation tools in one pair of pliers

- > Integrated Cable Shears for the clean cutting of Cu and Al cables without crushing
- > Universal adjustment of the wire stripping blades by means of a knurled screw
- > Slim design for good accessibility
- > For stripping single, multiple and fine stranded conductors with plastic and rubber insulation up to a max. Ø 5 mm or resp. 10 mm² conductor cross-section
- > Graduated jaw provides a visual orientation aid when stripping wire in standard lengths (11 mm and 16 mm)
- > Special high grade tool steel that has been oil-hardened in multiple stages



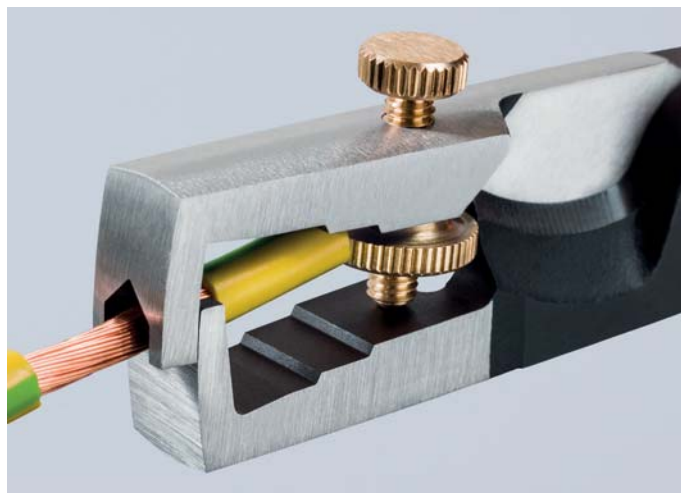
Induction hardened precision blade



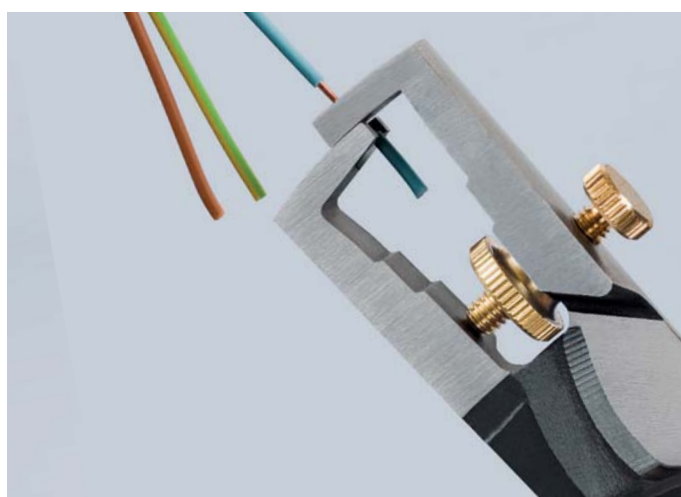
Product video



Induction hardened shear blade with precisely ground cutting edges for crushing-free cutting of copper cables up to Ø 15 mm (5 x 2.5 mm²)



Lock nut prevents any unintentional adjustment



Length marking: visual markings provide support during repeated stripping of wire in standard lengths (11 and 16 mm)

Article No.	EAN	↔ mm	Pliers	Head	Handles	Cutting capacities		Stripping capacities		⚖ g
						Ø mm	mm ²	Ø mm	mm ²	
13 62 180	081302	180	black atramentized	polished	with multi-component grips	15	50	5.0	10	210
13 66 180	081319	180	chrome plated		insulated with multi-component grips, VDE-tested	15	50	5.0	10	210



KNIPEX StriX

Cutting and insulation stripping
without changing tools

► Additional 15 mm longer version:
greater stability, improved cutting performance

- > Precision ground cutting edges without bevel for accurate flush cutting through the finest of wires e.g. in electronics and precision engineering
- > Precisely shaped tips also cut adjacent wires as from Ø 0.2 mm
- > With opening spring and opening limiter for convenient, ergonomic and fast working due to automatic opening and user-friendly handle width
- > Extremely smooth movement for minimum operator fatigue due to joint with stainless steel rivet

78 03 140 / 78 03 140 ESD

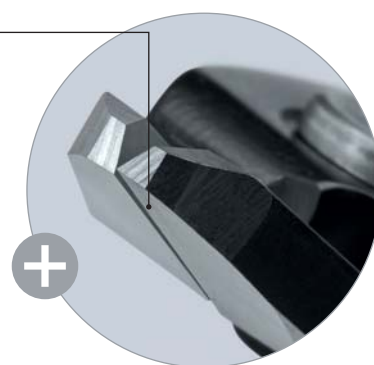
Durable and stainless, made from INOX surgical steel, cutting edges hardened to 54 HRC

78 61 140 / 78 61 140 ESD

Heavy duty, made from burnished special tool steel, cutting edges additionally induction hardened to 64 HRC



78 03 140



Shear cut with controlled micro cutting edge misalignment for the most precise cutting of even the thinnest of wires and for a long service life

Product video



78 61 140 ESD



140 mm length: stronger and extremely versatile



For flush cutting, e.g. to shorten cable ties

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Ø mm	Ø mm	g
78 03 140	081647	140			polished	with multi-component grips	0.2 - 2.1	1.2	77
78 03 140 ESD	081661	140			polished	with multi-component grips	0.2 - 2.1	1.2	77
78 61 140	081685	140		burnished		with multi-component grips	0.2 - 2.1	1.4	77
78 61 140 ESD	081708	140		burnished		with multi-component grips	0.2 - 2.1	1.4	77

Electronic Super Knips® XL

Sharp, precise, powerful

Now also available in 140mm length

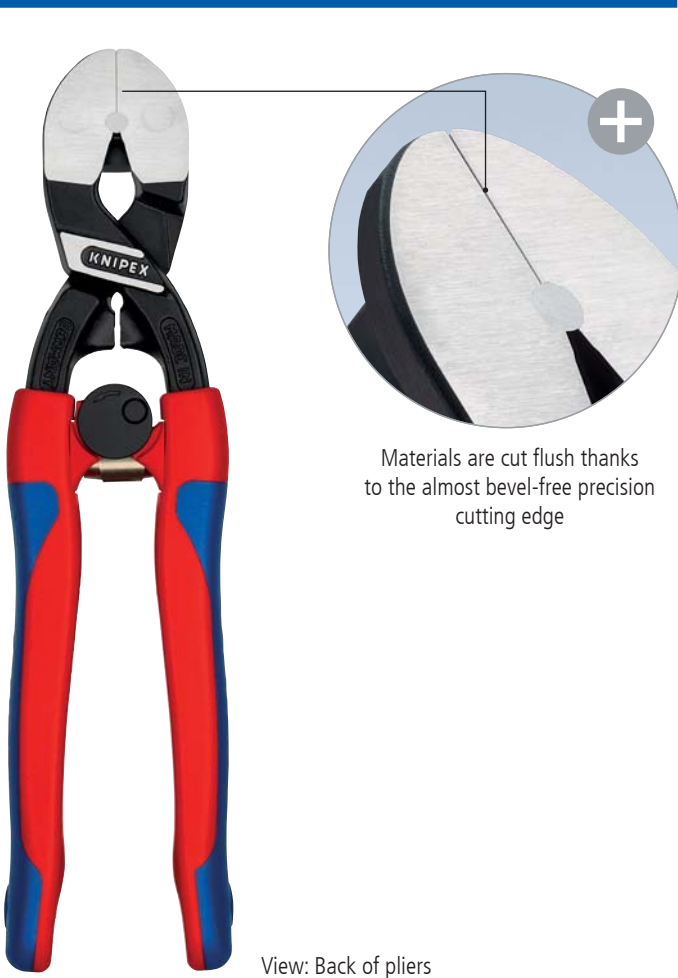


High Leverage Flush Cutter
for soft metal and plastic

72

► For easy and flush cutting of soft metal or thicker profiles as well as plastic components

- > Energy saving, flush cutting also of thick workpieces thanks to extremely effective lever action mechanism with very low friction
- > Space for hands and flush cutting due to 20° angled head with joint bar on one side
- > Opening spring and locking device are integrated in the handles also for comfortable work and protected transport
- > Precision cutting edges for soft material
- > Durable due to cutting edges induction hardened to 59 HRC
- > Chrome vanadium electric steel, forged, multi stage oil-hardened



Copper busbars are cut cleanly and flush



Ideal for the flush cutting of plastic sprues with large diameters

Article No.	EAN	↔ mm		Pliers	Handles	Ø mm	g
72 62 200	4003773-081913	200		black atramentized	with slim multi-component grips	6.0	375

High Leverage Flush Cutter for soft metal and plastic

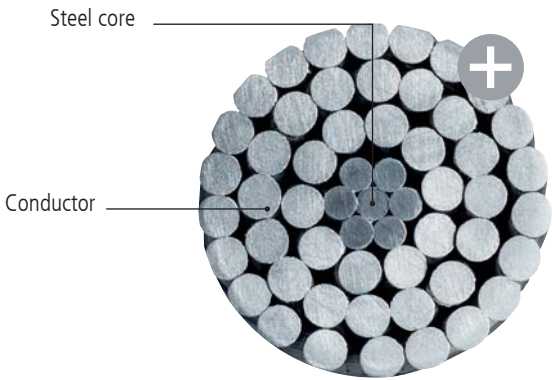
Simple flush cutting



ACSR Cable Cutter
(ratchet action)

95

- ▶ The cable cutter cuts through ACSR cable with a steel core (= Aluminium Conductor Steel Reinforced) up to a diameter of 32 mm
- ▶ With one or two-handed operation, the high leverage guarantees a simple, accurate cut
 - > Handy and compact with highest performance
 - > Extremely stable, dual guided rotating blade
 - > No fanning out of the cable: precision ground and induction hardened cutting edge for a clean cut and long service life
 - > Low handforce required due to two-stage gear drive with ratchet mechanism
 - > Fixed handle with support area for putting down the pliers when cutting
 - > Locking mechanism for transporting with securely closed handles: fits in any tool bag
 - > All wearing parts are available as spare parts and can be replaced
 - > Special high grade tool steel, multi stage oil-hardened



The outer area of these conductor cables consists of light, highly conductive aluminium wires, while the core is made of specially stretch-resistant, galvanised steel wires



Enormous power with a weight of just 1300 g



The strong “flange” on the handle can be used as a practical support when cutting larger diameters

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Ø mm	MCM	g
95 32 340 SR	081241	340	  	burnished	with multi-component grips	32	477	1300
95 39 340 01	081340			Pivot cutter repair kit for 95 32 340 SR				290

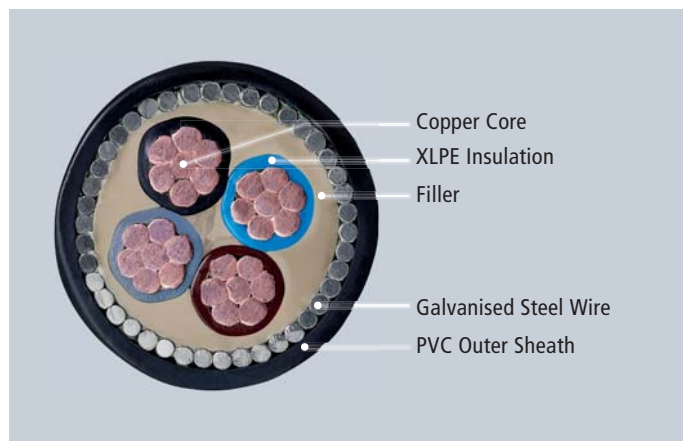
Cable Cutters (ratchet action)

for steel wire armoured cable (SWA-Cable)

95

- ▶ Cuts through steel wire armoured cable with a diameter of up to 45 mm / 380 mm² (e.g. 4 x 95 mm²) 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!



Cross-section of a steel wire armoured cable



95 36 315 A

Product video



Article No.	EAN	↔ mm		Tool	Handles	Cutting capacity		MCM	g
						Ø mm	mm ²		
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							

Dismantling Pliers

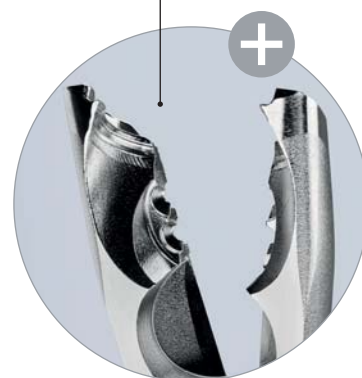
DIN ISO 5743

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 deeply 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 mm²
- > 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



13 46 165

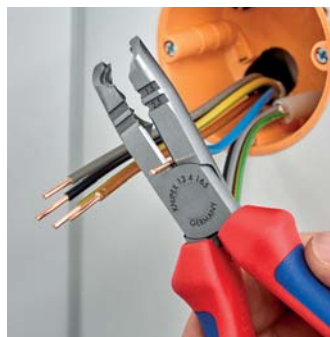


Circular cutting edge
with depth limit: for easy
dismantling without damage

Product video

Wire stripping holes for 1.5 and 2.5 mm² conductors

Cutting cable up to Ø 13 mm



Cutting when shortening single conductors



Stripping cable inside deeply mounted flush sockets

Article No.	EAN	↔ mm		Pliers	Head	Handles	Dismantling capacities Ø mm	Stripping capacities Ø mm ²	⊙ Ø mm	⊙ Ø mm	⚖ g
13 42 165	079675	165	🟢	black atramentized	polished	with multi-component grips	8 - 13	1.5 / 2.5	3.2	2.2	176
13 45 165	079682	165	🟢	chrome plated		with multi-component grips	8 - 13	1.5 / 2.5	3.2	2.2	176
13 46 165	079699	165	🟢 ⚡ 1000 V	chrome plated		insulated with multi-component grips, VDE-tested	8 - 13	1.5 / 2.5	3.2	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 soft, medium-hard and hard wire
 - > Long service life and stable tips as the tool is forged from special high grade tool steel, multi stage oil-hardened

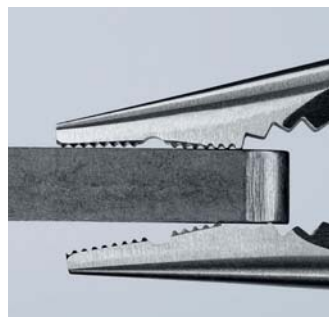
Product video



08 26 145



Tip keeps its shape even during greater torsional forces



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



Milled groove in the gripping area

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

- For siphons, oil filters, plastic pipes and connectors up to 80 mm diameter
- Fine adjustment for ideal adaptation 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 and filter cartridges
- > 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

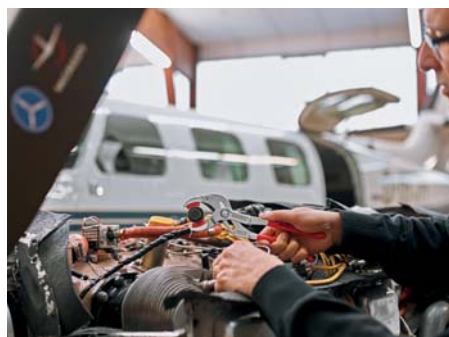
Modell 81 11 250 / 81 13 250:

With exchangeable plastic jaws for sensitive surfaces; up to Ø 75 mm



81 13 250

Product video



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	355
81 03 250	078487	250		chrome plated	with non-slip plastic coating	25 - 80	25	355
81 11 250	078470	250		black atramentized; head polished	with non-slip plastic coating	10 - 75	25	355
81 13 250	078494	250		chrome plated	with non-slip plastic coating	10 - 75	25	355
81 19 250	078500	2 pairs of plastic jaws for 81 11 250 and 81 13 250						

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

Product video



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



Article No.	EAN 4003773-	↔ mm		Pliers	Handle	⚖ g
91 13 250	079538	250		chrome plated	plastic coated	560
91 13 250 SB N	082279	250		chrome plated	plastic coated	560
91 19 250 01	079545		Spare positioning jaw for 91 13 250			

SYMBOLS

	flat jaws
	half-round jaws
	round jaws
	flat and pointed jaws
	box joint
	bolted joint
	smooth gripping surfaces
	cross-hatched, knurled gripping surfaces
	knurled gripping surfaces
	with opening spring
	with lead catcher
	angle

	weight
	length

	soft wire
	medium hard wire
	hard wire
	piano wire
	Cu- + Al-multi-conductor cable, solid and multi-stranded
	wire rope
	iron
	ribbon cable
	steel wire armoured cable (SWA)

	electrostatic discharging, dissipative
	electronics
	VDE tested, also in compliance with GPSG (Equipment and Product Safety Act)
	insulated according to IEC 60900, usable up to 1000 V AC/1500 V DC
	insulated according to DIN VDE 0680/1, usable up to 1000 V AC/1500 V DC

	centre cutter
	cutting edges with bevel
	cutting edges with small bevel
	cutting edges with very small bevel
	cutting edges without bevel
	for flush cut of soft materials

	New
	Upgraded

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