

KNIPEX Quality – Made in Germany



New Products 2019

Includes product introductions of 2018 / 17





KNIPEX – Together we make a strong community

Already more than 650.000 followers worldwide – Become part of the KNIPEX Community on Facebook, Instagram and YouTube!

Are you interested in exciting stories about our products or do you have an eye for photographs taken from unfamiliar or unusual angles? We are passionate about our social media presence! As a result, there is something new to discover almost every day. For example, are you already familiar with the current issue of Workshop TV? The most important thing for us is the direct exchange with you. We look forward to technical discussions and hearing your ideas and opinions. Tell us what you like about us and our pliers and what we can do even better. In addition, we are happy to assist and advise you through our social media. Tell us what you always wanted to know – we are just a few clicks away!



Award-winning commitment

We have won the German Sustainability Award 2019 in the "Medium-Sized Companies" category. The prize is awarded to companies "that combine exemplary economic success with social responsibility and environmental protection, thereby promoting the concept of a sustainable society in a special way".

For more information on sustainability see also www.knipex.com



Big impact at the POS: the new generation of KNIPEX counter displays

A uniform brand image and simplified handling were our goals when we introduced a completely new system for our counter displays.

Simple, easy to assemble and modular: the advantages are obvious, making the display easier to use in a retail setting. The displays have room for up to 10 blister packs or loose pliers of various types and are an attractive presentation solution for product promotion.



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NEW

Pliers Wrench – 180 mm length

Now optimised: the pliers wrench with better performance at a lighter weight

- Increased gripping capacity thanks to two additional setting positions: variable gripping of all widths across flats up to 40 mm
- 10 % less weight with the same stability
- Smooth jaws for damage-free installation of plated fittings – working directly on chrome!
- Practical adjustment scale: A laser-cut scale allows the wrench opening to be set before gripping

Other advantages

- > 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
- > Working 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



86 01 180



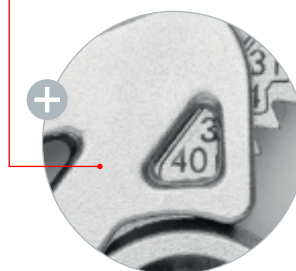
86 02 180



86 03 180



86 05 180



Gripping capacity extended from 35 mm to 40 mm



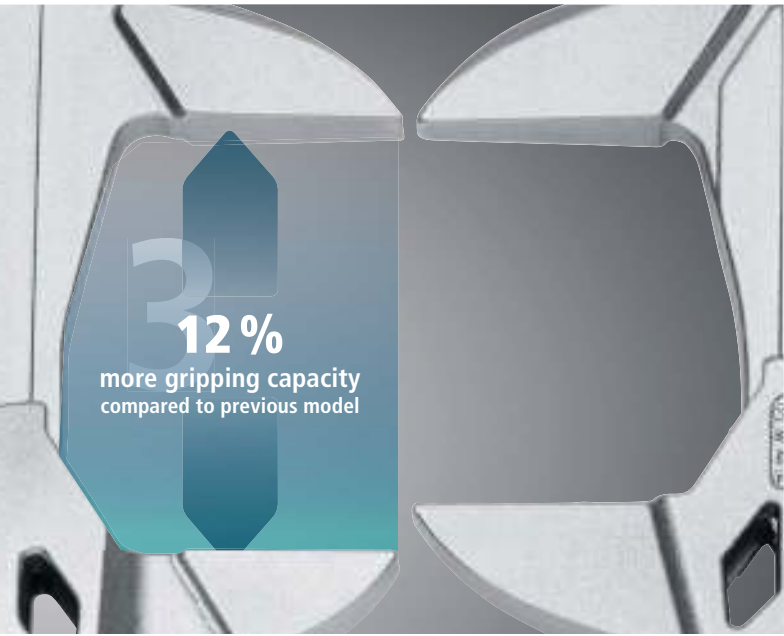
Work without damaging sensitive surfaces



Parallel pressing possible – here using the example of a connector housing

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Adjustment positions	Inch	mm	g
86 01 180	084273	180		grey atrimentized	polished	with non-slip plastic coating	15	1 ½	40	230
86 02 180	084280	180		grey atrimentized	polished	with multi-component grips	15	1 ½	40	240
86 03 180	035466	180		chrome plated		plastic coated	15	1 ½	40	230
86 05 180	047162	180		chrome plated		with multi-component grips	15	1 ½	40	250

Four advantages:



Pliers Wrench – 250 mm length

Pliers and a wrench in a single tool

- 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
 - Smooth jaws for damage-free installation of plated fittings – working directly on chrome!
 - Practical adjustment scale: A laser-cut scale allows the wrench width to be set before gripping
- > For additional advantages of the pliers wrench product range, see page 4



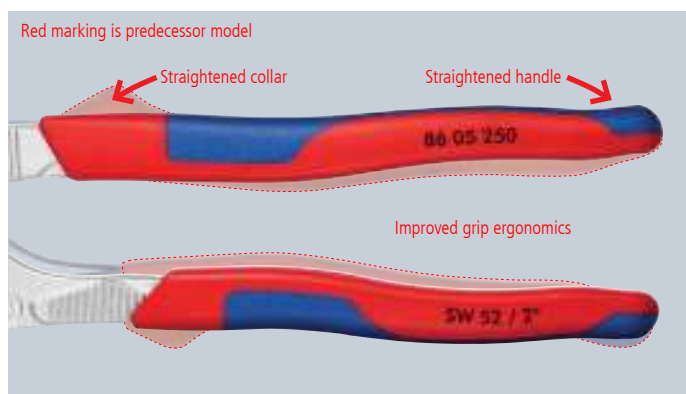
86 05 250



86 06 250



86 01 250



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



Gripping capacity extended from 46 mm to 52 mm

Also available: Set of protective jaws 86 09 250 V01 – consisting of 3 pairs of plastic jaws



Work without damaging sensitive surfaces



The protective jaws can be attached and removed with ease



With protective jaws also suitable for highly sensitive materials

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Adjustment positions	Inch	mm	g
86 01 250	082385	250		grey atramentized	polished	with non-slip plastic coating	19	2	52	457
86 01 250 SB	082637	250		grey atramentized	polished	with non-slip plastic coating	19	2	52	457
86 02 250	082392	250		grey atramentized	polished	with multi-component grips	19	2	52	468
86 02 250 SB	082644	250		grey atramentized	polished	with multi-component grips	19	2	52	468
86 03 250	033837	250		chrome plated		plastic coated	19	2	52	462
86 03 250 SB	022091	250		chrome plated		plastic coated	19	2	52	462
86 05 250	047841	250		chrome plated		with multi-component grips	19	2	52	485
86 05 250 SB	052029	250		chrome plated		with multi-component grips	19	2	52	485
86 06 250	082408	250		chrome plated		insulated with multi-component grips, VDE-tested	19	2	52	515
86 06 250 SB	082651	250		chrome plated		insulated with multi-component grips, VDE-tested	19	2	52	515
86 09 250 V01	084143	3 pairs of plastic jaws for all 86 XX 250 mm models, from 2018								18



Pliers Wrench

Greater gripping capacity – less weight –
greater convenience and comfort

The classic, reinvented

Electronic Super Knips® VDE

For ultra-fine work up to 1000 V: precision cutter with more performance and VDE-tested safety

- ▶ VDE-tested precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- ▶ Complete your set of VDE-tools
 - > Ground, very sharp cutting edges without bevel
 - > Shear cut with the controlled micro-cutting edge offset for a long service life and ultra-precise cutting of even the thinnest wires
 - > Precision shaped tips cut wires resting on a board from Ø 0.2 mm
 - > Joint with stainless steel rivet
 - > Extremely smooth movement for minimum operator fatigue
 - > With opening spring and opening limiter
 - > Cutting edge hardness approx. 54 HRC
 - > Made from INOX tool steel



78 06 125



Precision flush cutting of the thinnest wires all the way to the cutter tips









For use on live parts of up to 1000 V

Our product range of Electronic Super Knips® can be found at www.knipex.com. Find a selection here:



- 78 03 125**
Cutting edge hardness approx. 54 HRC
- 78 13 125 ESD**
With lead catcher, handles electrically dissipative, approx. 54 HRC
- 78 23 125**
Cutting edge hardness approx. 54 HRC, jaws angled by 60°
- 78 61 125 ESD**
Suitable for cutting fibre optics, cutting edge hardness approx. 64 HRC
- 78 91 125**
With lead catcher, cutting edge hardness approx. 64 HRC, cutting edge with very small bevel

Article No.	EAN	 mm		Head	Handles	Cutting capacities		 g
						 Ø mm	 Ø mm	
78 06 125	 084099	125	 1000 V	polished	insulated with multi-component grips, VDE-tested	0.2 - 1.6	1.0	55

Electronic Super Knips® VDE

The best accessibility – in the tightest spaces –
tested for voltages up to 1000 V

The small precision diagonal cutter for the
completion of your set of VDE-tools



Electronic Super Knips® XL

High leverage, sharp cutting edges:
Precise cutting of wires from Ø 0.2 mm
and cable ties

- ▶ Additional 15 mm longer version: greater stability, greater cutting performance
- > Precision-ground cutting edges without bevel for precise and flush cutting of the finest wires, e.g. in electronics and fine mechanics
- > Precision-formed tips also cut through wires flush to a surface from Ø 0.2 mm
- > With opening spring and opening limiter for comfortable, ergonomic and fast working thanks to automatic opening and comfortable handle width
- > Extremely easy movement for fatigue-free work due to precise joint with stainless steel rivet

78 03 140 / 78 03 140 ESD

- > Durable and stainless, made of INOX surgical steel, cutting edge hardness 54 HRC

78 61 140 / 78 61 140 ESD

- > High load capacity, made of burnished special tool steel, cutting edges additionally induction-hardened to 64 HRC



Shear cut with the controlled micro-cutting edge offset for a long service life and ultra-precise cutting of even the thinnest wires

78 03 140



78 61 140 ESD



140 mm length: more robust and with an extended range of applications



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 dissipative 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 dissipative multi-component grips	0.2 - 2.1	1.4	77

Electronic Super Knips® XL

Sharp, precise, powerful

Precision diagonal cutter in 140 mm length



Diagonal cutter – 140 mm and 160 mm length

Indispensable, handy: the Diagonal Cutter, 140 mm in length with 20 % more cutting power than before

- ▶ The next generation of the KNIPEX classic, with even better features
- ▶ Optimised power transmission for 20 % higher cutting performance than the previous model
- ▶ Slim head shape with long blades for use in hard-to-reach work areas
- > Sturdy joint design for smooth movement, long life and high durability
- > High-precision cutting edges, additionally induction-hardened
- > Cutting edge hardness approx. 62 HRC
- > Vanadium-electric steel, forged, multistage oil-hardened
- > DIN ISO 5744 and DIN ISO 5749



The precise cutting edges enable the Diagonal Cutter to cut through hard and soft wires – thin copper wires can even be cut with the cutter tips



Revised and more powerful: the diagonal cutter in 140 mm and 160 mm length

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Cutting capacities			g
							Ø mm	Ø mm	Ø mm	
70 01 140	013419	140	✓	black atramentized	polished	plastic coated	4.0	2.8	1.8	126
70 01 160	013426	160	✓	black atramentized	polished	plastic coated	4.0	3.0	2.0	171
70 02 140	023098	140	✓	black atramentized	polished	with multi-component grips	4.0	2.8	1.8	150
70 02 160	034032	160	✓	black atramentized	polished	with multi-component grips	4.0	3.0	2.0	206
70 05 140	039488	140	✓	chrome plated		with multi-component grips	4.0	2.8	1.8	154
70 05 160	039600	160	✓	chrome plated		with multi-component grips	4.0	3.0	2.0	207
70 05 160 T	080022	160	✓	chrome plated		with multi-component grips and integrated tether attachment point	4.0	3.0	2.0	211
70 06 140	040293	140	✓	1000V ✓	chrome plated	insulated with multi-component grips, VDE-tested	4.0	2.8	1.8	160
70 06 160	021995	160	✓	1000V ✓	chrome plated	insulated with multi-component grips, VDE-tested	4.0	3.0	2.0	216
70 07 160	018155	160	✓	chrome plated		with dipped insulation, VDE-tested	4.0	3.0	2.0	227
70 26 160	018223	160	✓	chrome plated		insulated with multi-component grips, VDE-tested	4.0			216

Diagonal cutter

Higher cutting force – optimised power transmission

Now revised for even more performance and comfort

Proven length in 160 mm



Now redesigned: the 140 mm length diagonal cutter



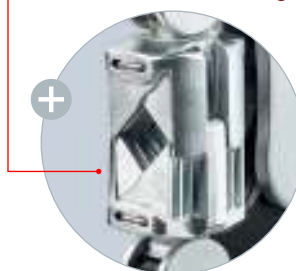
KNIPEX Twistor16®

Self-adjusting crimping pliers for wire end sleeves with rotatable crimp head

- ▶ Crimp head can be freely rotated 360°, with 4 locking positions
- ▶ Square crimp profile, high capacity range of 0.14 to 16 mm²
- ▶ Wire end sleeves 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 wire end sleeves 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
- > **Now also available as an all-round care-free package: The KNIPEX Twistor16® with accessories in the practical TANOS MINI-systainer®**



97 53 18



Crimp head can be rotated 360°



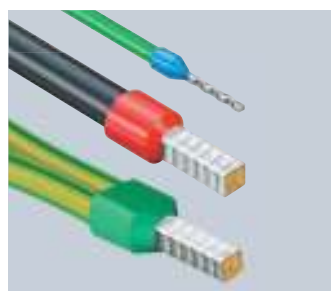
Crimp head can be rotated 360° for optimal accessibility, even in confined spaces

NEW



97 90 13

All-round care-free solution: KNIPEX Twistor16® with accessories in the practical TANOS MINI-systainer®



Crimps wire end sleeves 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 mm²	AWG	Number of crimping positions	⚖
97 53 18	082729	200	MM	0.14 - 16	26 - 5	1	478
97 53 18 SB	082736	200	MM	0.14 - 16	26 - 5	1	478
97 90 13	N 083474	Crimp assortment with KNIPEX Twistor16® and wire end sleeves in a TANOS MINI-systainer® wire end sleeves 0.5; 0.75; 1; 1.5; 2.5; 4; 6; 10; 16 mm²				1	1270

KNIPEX Twistor16®

Powerful – compact – high capacity range

Flexible due to 360°
rotatable crimp head





Wire Rope Cutter

Up to 30% less effort: Particularly powerful cutting despite the small size

- For high-strength wire ropes up to Ø 4 mm and cables up to Ø 6 mm: noticeably light, high-precision cutting thanks to unique, patent-pending joint design
- Compact size, high performance
- Made for intensive use: particularly durable and light at only 172 g

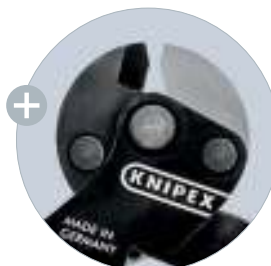


Wire Rope Cutter:
The Wire Rope Cutter cuts wire ropes up to Ø 4 mm and cables up to Ø 6 mm

Wire Rope Cutter TC

Great performance in a small size: the special cutter for tyre cord

- Specially optimised for precise cutting of tyre cord, wire ropes up to Ø 2 mm and cables up to Ø 2 mm
- Ergonomic efficiency thanks to lightweight design and practical opening restriction
- Compact size, high performance
- Made for intensive use: particularly durable and light at only 172 g



NEW
Wire Rope Cutter TC:
The tapered ends on the cutting edge make it easier to insert the tyre cord up to Ø 2 mm despite the opening restriction

Article No.	EAN	↔		Head	Handles	⊙ mm	⊙ mm	⚖ g
95 62 160 TC	082422	160	MM	polished	with multi-component grips	2.0	2.0	170
95 62 160	082354	160	MM	polished	with multi-component grips	6.0	4.0	170
95 62 160 SB	082712	160	MM	polished	with multi-component grips	6.0	4.0	170

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 CoBolt® S Compact Bolt Cutter

Small giant with 25-fold manual force amplification

- ▶ Extremely high cutting performance in a handy length of 160 mm
- ▶ Small, slim head for excellent accessibility
- > Compact and powerful: cuts bolts, nails, rivets etc. up to Ø 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
- > Reduces slippage of the material to be cut due to lasered cutting edge
- > With gripping surface below the joint for gripping and pulling wires from Ø 1.0 mm
- > Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened



Lasered cutting edge reduces the slippage of the material to be cut

Our CoBolt® family:



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
						⊘ mm	⊘ mm	⊘ mm	⊘ mm	
71 01 160	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

KNIPEX TwistCut®

Fast and safe cutting of corrugated plastic pipes

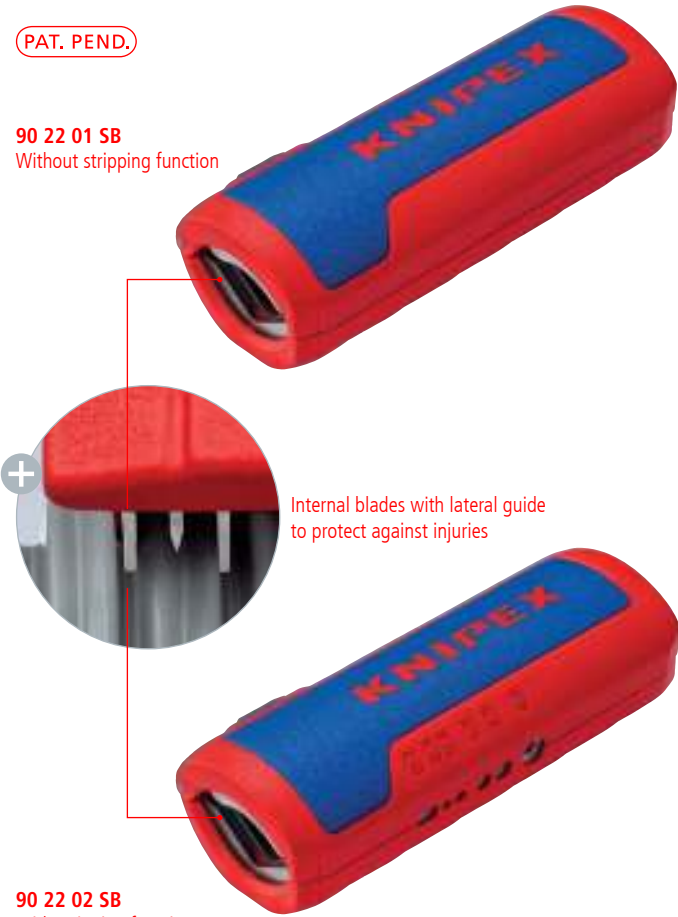
- ▶ For the reliable and fast cutting of corrugated plastic pipes with the universal capacity range from Ø 13 to 32 mm
- ▶ No damage to the internal cables or pipes
 - > Simple insertion, reliable and easy cutting without waste
 - > Precise cut without damage thanks to unique arrangement of the cutters 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

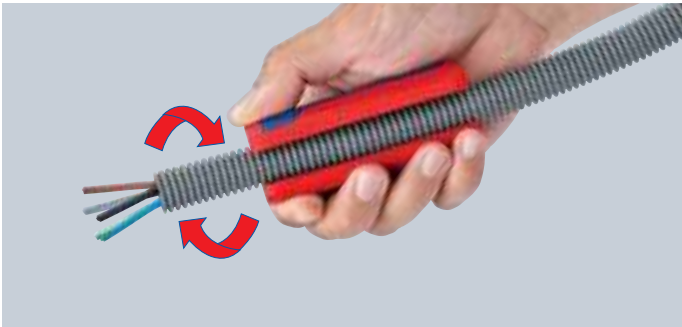
- > With wire stripping blades for cross-sections of 0.2/0.3/0.8/1.5/2.5/4.0 mm²
- > Location ridges (patent pending) on the 1.5 and 2.5 mm² wire stripping blades for the fast insertion of cable
- > Internal length scale for consistent stripping of cable, legible for both right and left handed users

PAT. PEND.

90 22 01 SB
Without stripping function



90 22 02 SB
With stripping function



Easy to use: squeeze the KNIPEX TwistCut® into the corrugation, 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 Ø 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 capacity Ø mm	Stripping capacities mm²	⚖ g
90 22 01 SB	082286	100	MM	13 - 32		47
90 22 02 SB	082293	100	MM	13 - 32	0.2 - 4.0	47

KNIPEX ErgoStrip® & KNIPEX ErgoStrip® L Universal Stripping Tool

Award-winning and also for left-handed users:
 KNIPEX ErgoStrip® and KNIPEX ErgoStrip® L

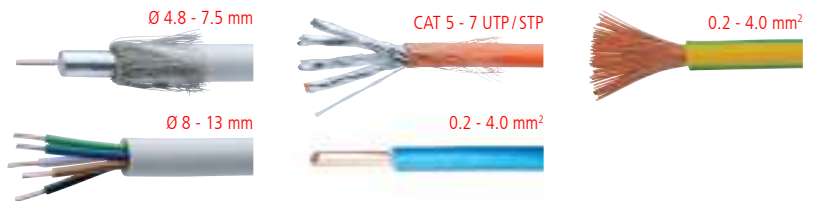
- For the fast and precise dismantling and stripping of all common round and damp-proof installation cables (e.g. NYM cable 3 x 1.5 mm² up to 5 x 2.5 mm²), data cable (e.g. twisted pair) and coax cable
- Innovative, ergonomic pistol grip design for easy cutting, stripping and longitudinal cut of the 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 cables thanks to spring-loaded shell
- > 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.)

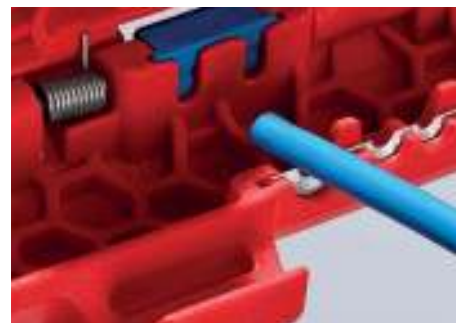
16 95 02 SB
 version for left-handers



Stripping of 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 data cable



Stripping of coax cable



Stripping of coax cable

Article No.	EAN	↔ mm		Stripping capacities				⚖ g
				round cable Ø mm	conductors and strands mm ²	data cable	coax cable Ø mm	
16 95 01 SB	079927	135	MM	8 - 13	0.2 - 4.0	CAT 5 - 7, Twisted-Pair (UTP/STP)	4.8 - 7.5	40
16 95 02 SB	082910	135	MM	8 - 13	0.2 - 4.0	CAT 5 - 7, Twisted-Pair (UTP/STP)	4.8 - 7.5	40

Range boxes of wire end sleeves

Branded sleeves from "made in Germany" production

► Practical dispenser box, stackable and reclosable

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

97 99 905 / 97 99 906 / 97 99 907

- > Equipped with insulated wire end sleeves to DIN colour code

97 99 908 / 97 99 909

- > Equipped with insulated twin wire end sleeves to DIN colour code

97 99 910 / 97 99 911

- > Equipped with uninsulated wire end sleeves



Article No.	EAN 4003773-	Shaker equipped with	Quantity	Colour series	Capacity mm ²	g
		insulated wire end sleeves to DIN colour code				
97 99 905	082446		30 pieces	blue	0.25	70
			30 pieces	turquoise	0.34	
			30 pieces	white	0.5	
			30 pieces	grey	0.75	
			30 pieces	red	1	
97 99 906	082453		50 pieces	white	0.50	95
			100 pieces	grey	0.75	
			100 pieces	red	1	
			100 pieces	black	1.5	
			50 pieces	blue	2.5	
97 99 907	082460		50 pieces	grey	4	90
			20 pieces	yellow	6	
			20 pieces	red	10	
			10 pieces	blue	16	
		insulated twin wire end sleeves to DIN colour code				
97 99 908	082477		50 pieces	grey	0.75	95
			50 pieces	red	1	
			50 pieces	black	1.5	
			50 pieces	blue	2.5	
97 99 909	082484		20 pieces	grey	4	85
			10 pieces	yellow	6	
			10 pieces	red	10	
			5 pieces	blue	16	
		uninsulated wire end sleeves				
97 99 910	082491		500 pieces		0.5	145
			500 pieces		0.75	
			400 pieces		1	
			300 pieces		1.5	
			200 pieces		2.5	
97 99 911	082507		150 pieces		4	140
			75 pieces		6	
			75 pieces		10	
			50 pieces		16	

Electricians' Folding Knife

Always to hand: the high-quality all-purpose cutter **NEW**

- ▶ Universal folding cutter for everyday use
- ▶ Durable and robust: Top quality, extremely sharp blade – Made in Solingen
- > Ergonomic handle design for a comfortable grip and easy guidance
- > Handle made from robust, shock-resistant plastic
- > Good power transmission during use
- > Stable blade
- > Tether attachment at the end of the cutter allows a fastener to be attached; also suitable for KNIPEX Tethered Tools
- > Blade made from stainless steel



16 20 50 SB


Made in
Solingen



The Electricians' Folding Knife is quickly available to hand and is suitable for all the usual cutting tasks



For KNIPEX Tethered Tools: the tether attachment on the handle allows a fastener to be attached

Article No.	EAN 4003773-	↔ mm	⚖ g
16 20 50 SB	 082705	Blade size 80 mm	85



Easy opening thanks to the practical diamond-shaped grip on the blade

Electricians' Shears

Universal shears with crimp area for electricians

- ▶ With crimp function for wire end sleeves
- > Precision ground with micro-toothing for a clean, non-slip cut
- > Crimp zone for crimping wire end sleeves up to Ø 6.0 mm
- > Handles with multi-component grips, fibreglass-reinforced
- > Cutting edges made from stainless steel, hardness of cutting edges 56 HRC
- > With plastic belt pouch



95 05 10 SB



No slipping thanks to micro-serration



Integrated cable cutter



Quick, easy crimping



Well secured and ready to hand at all times

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

Cable Tie Cutter Set

Safety first: remove cable ties without damaging the insulation

- For reliable disassembly of cable harnesses, e. g. in the aerospace industry
- > Pliers Wrench with special laser-profiling for a reliable grip: grip the head of the cable tie, compress and release it – without cutting
- > Precision Electronics Diagonal Cutter with rounded pliers head: for the low-risk cutting of cable ties in confined spaces or when the cable tie head cannot be held; also suitable for cutting hard wires up to Ø 0.7 mm



The cable tie can be safely gripped and compressed with the laser-profiled jaws



All edges on the pliers head are specially rounded – unintentional damage to the insulation is avoided

The perfect addition to the set: our problem solver

- Material catcher for Electronics Diagonal Cutters: reliably prevents cut material from falling down
- For added efficiency, e.g. in the aerospace industry, in order to avoid FOD (Foreign Object Damage)

00 11 V79

Also suitable for the following pliers:

- 79 02 125
- 79 02 125 ESD
- 79 22 125
- 79 22 125 ESD

Easy attachment: the material catcher is easily attached and fastens securely to the pliers head

Remove the head of the cable tie using the Electronics Diagonal Cutter...

Cables ties up to max. 3 mm

...the detached workpiece remains reliably in the material catcher

Artikel no.	EAN				Quantity	g
00 19 72 V01	N 070832			Cable Tie Cutter Set, 2 pieces		350
			86 03 150 S02	Pliers Wrench, pliers and a wrench in a single tool	1	
			79 02 125 S1	Precision Electronics Diagonal Cutter	1	
00 19 72 LE	070191			Tool pouch for two pliers up to 150 mm long, empty	1	65
00 11 V79	N 083443			Material Catcher for 79 02/22 125	1	5

Mini Pliers Set

Our unbeatable duo, even when you are on the move: cutting, gripping and tightening in a handy format

- For gripping, holding and cutting tasks, both large and small
- > KNIPEX Cobra®: the High Tech Water Pump Pliers – Adjustment directly on the workpiece at the press of a button; with fine adjustment for optimum adaptation to different workpiece sizes up to Ø 27 mm
- > Needle-Nose Combination Pliers: ideal for working in hard-to-reach places thanks to the slender head shape with powerful, pointed jaws; with cutting edges for soft, medium hard and hard wire up to Ø 2 mm



KNIPEX Cobra®: with fine adjustment directly on the workpiece



Needle-Nose Combination Pliers: the convex gripping surface on one side makes this the ideal tool for gripping flat parts

NEW



00 20 72 V06



Gripping surfaces with specially hardened teeth: permanently secure Gripping due to high wear resistance



Tip keeps its shape even during greater torsional forces

Artikel no.	EAN				Quantity	g
00 20 72 V06	181937			Mini Pliers Set in a tool belt pouch, 2 pieces		355
				08 22 145 Needle-Nose Combination Pliers	1	
				87 01 150 KNIPEX Cobra®, High Tech Water Pump Pliers	1	
00 19 72 LE	070191			Tool pouch for two pliers up to 150 mm long, empty	1	65

More performance, better handling, new design: KNIPEX electronic pliers

KNIPEX presents the redesigned electronics diagonal cutter, end cutting nippers and gripping pliers with a box joint. Whether you are looking for durability, power transmission or delicate work – the new models are more compact and offer a wide range of more powerful features:

- ▶ 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
- ▶ Higher sensitivity: adjustments to the design of the pliers ensure increased control when working



Comfortable to use with
replaceable, friction-free
opening spring

Controlled, sensitive guidance
of the pliers thanks to the raised,
slim collar

New, handier single-
component grip for
more comfort

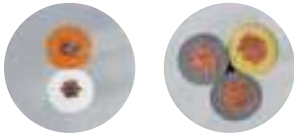
Automatic Stripping Pliers

Effortless stripping: for multi-core cables with uneven sheath cross-section

- ▶ For control and sensor cables / actuator cables, also for stripping flexible 3-core feed cables and extension cable
- ▶ Automatic adjustment to cable diameters between Ø 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 blades: special tool steel, oil-hardened



12 74 180 SB



Sectional view of an extension cord



Required stripping length easy to read off



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

Article No.	EAN	↔ mm		Stripping capacities Ø mm	⚖
12 74 180 SB	082323	175	MM	4.4 - 7.5	9 120
12 79 31	082682	1 pair of spare blades for 12 74 180 SB			

KNIPEX tool case range

Versatile and ideal for high demands

Our tool cases always offer the ideal balance between plenty of storage space, robust construction, compact dimensions and a low weight. They are tailored to the different requirements of tradesmen and mechanics – and are therefore available in a wide range of sizes and equipment.

- ▶ Now with a new design!
- ▶ For a wide range of applications – also with practical trolley feature for long distances
- ▶ Made of heavy-duty material for a long service life
- ▶ Available empty and with different equipment, e.g. for the electrical or plumbing/heating/air conditioning industries

"Robust45 Move"

"Robust34"

"Robust23"

"BIG Twin"

For further information
go to www.knipex.com

Two metal tilt locks and a three-digit numeric code lock for affixing the cover



Label field with two stickers for individual labelling



Partly with practical trolley function



"BIG Twin Move"



"BIG Twin Move RED"

Large KNIPEX logo on the cover



"BIG Basic Move"

"Basic"

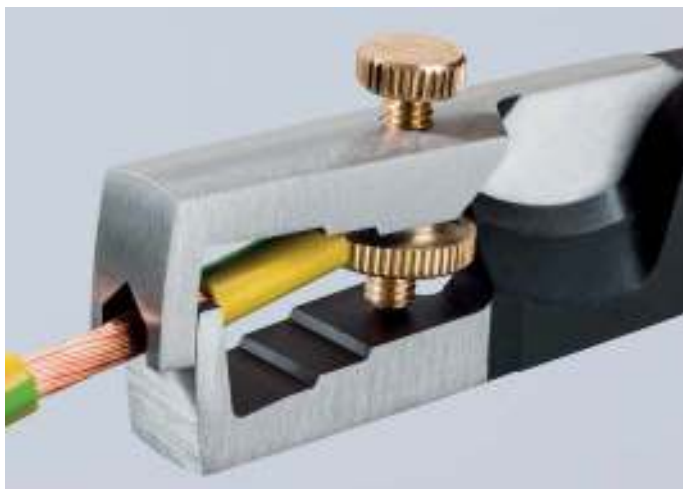
KNIPEX StriX®

Insulation strippers with integrated cable shears: clean and crush-free cutting and damage-free stripping with just one pair of pliers

- 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



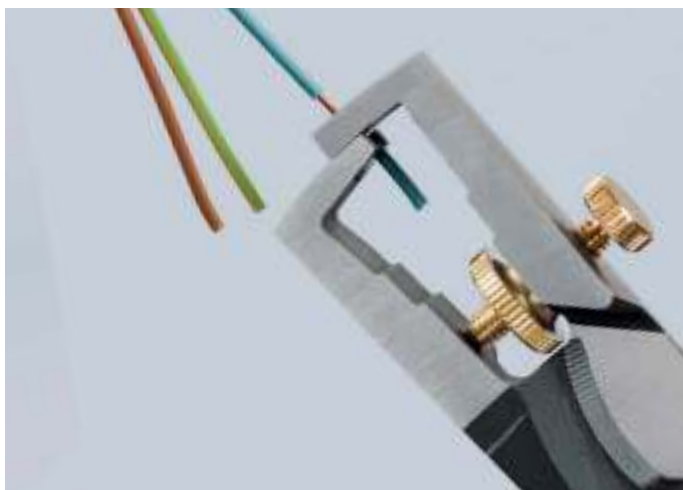
Induction-hardened shear blade with precisely ground cutting edges for crush-free cutting of copper and aluminium cables of up to Ø 15 mm (5 x 2.5 mm²)



Lock nut prevents any unintentional adjustment



Induction-hardened precision blade



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	mm²	Ø mm	mm²	
13 62 180	081302	180	black atramentized	polished	with multi-component grips	15	50	5,0	10	210
13 62 180 SB	081326	180	black atramentized	polished	with multi-component grips	15	50	5,0	10	210
13 66 180	081319	180	⚡1000V chrome plated		insulated with multi-component grips, VDE-tested	15	50	5,0	10	210
13 66 180 SB	081333	180	⚡1000V chrome plated		insulated with multi-component grips, VDE-tested	15	50	5,0	10	210
13 66 180 T	081906	180	⚡1000V chrome plated		insulated with multi-component grips, VDE-tested	15	50	5,0	10	210
13 66 180 T SB	081982	180	⚡1000V chrome plated		insulated with multi-component grips, VDE-tested	15	50	5,0	10	210



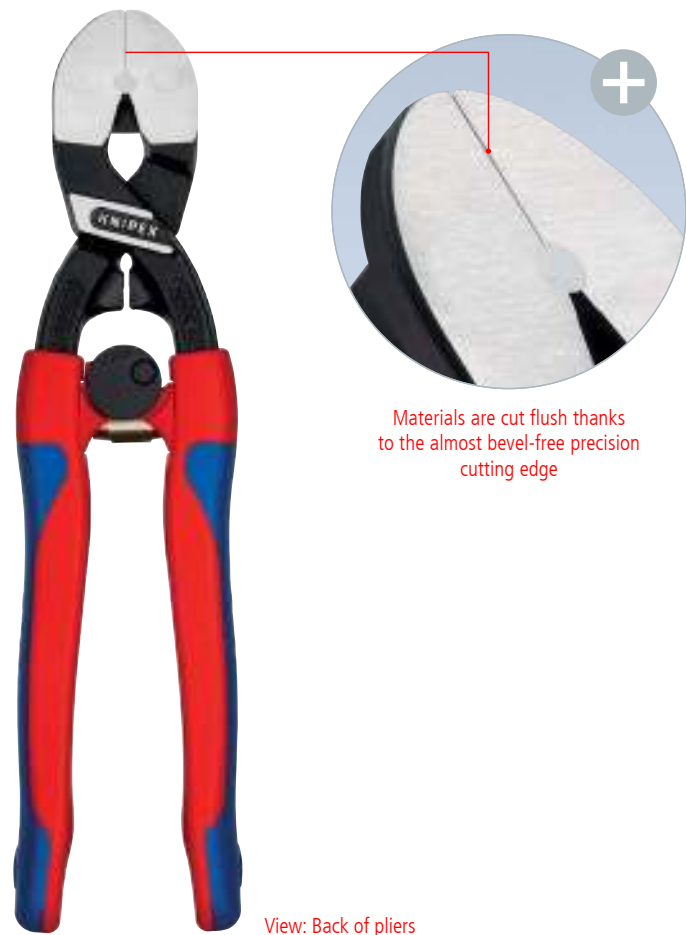
KNIPEX StriX®

Cutting and insulation stripping
without changing tools

High Leverage Flush Cutter

Hard cutter for soft material:
Made to cut soft metal and plastics with
a clean, flush cut

- 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



Materials are cut flush thanks to the almost bevel-free precision cutting edge

View: Back of pliers



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	▲ ▼ /MM	black atramentized	with slim multi-component grips	6.0	375

High Leverage Flush Cutter for soft metal and plastic

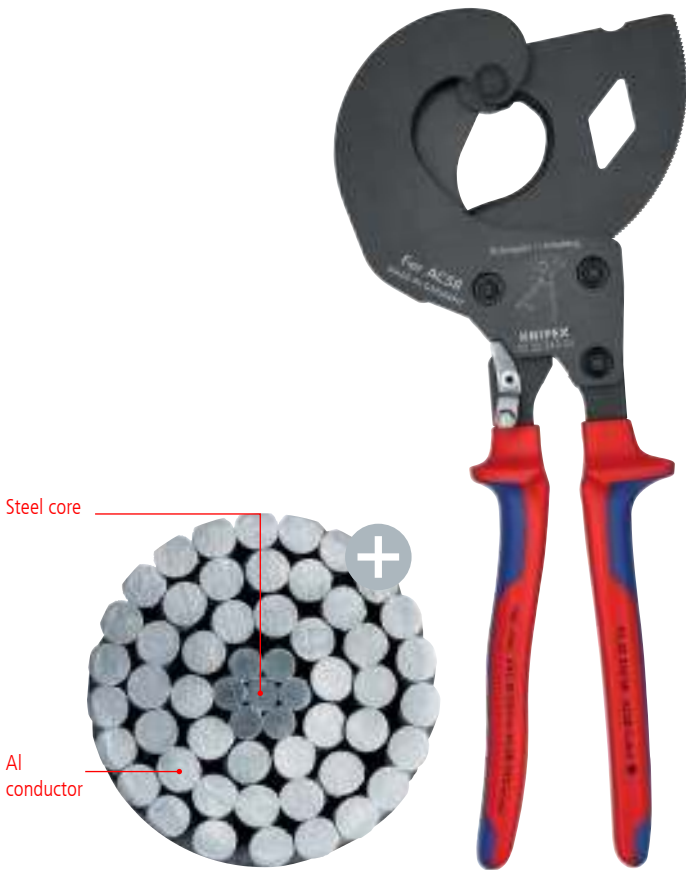
Simple flush cutting



ACSR Cable Cutter (ratchet action)

Superior cutting performance
with low power input

- ▶ The cable cutter cuts through ACSR cable with a steel core (= Aluminium Conductor Steel Reinforced) up to Ø 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

95 32 340 SR



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	↔ mm		Pliers	Handles	Ø mm	MCM	g
95 32 340 SR	081241	340	MM	burnished	with multi-component grips	32	795	1300
95 39 340 01	081340	Pivot cutter repair kit for 95 32 340 SR						290

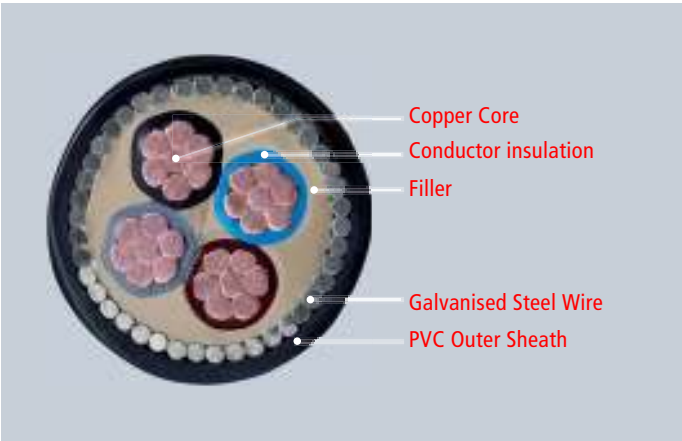
Cable Cutters (ratchet action)

Robust, handy, stable: for steel-armoured cables (SWA cables)

- ▶ 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!



95 36 315 A



Cross-section of a steel wire armoured cable



Article No.	EAN	↔ mm		Tool	Handles	Cutting capacities		MCM	g
						Ø mm	mm²		
95 32 315 A	078562	315	///	black lacquered	with multi-component grips	45	380	750	800
95 36 315 A	078579	315	⚡ 1000 V ///	black lacquered	insulated with multi-component grips, VDE-tested	45	380	750	800
95 39 315 A 01	078586	Pivot cutter repair kit for 95 32 315 A and 95 36 315 A (ratchet action)							
95 39 315 A 02	078593	Fixed cutter repair kit for 95 32 315 A and 95 36 315 A (ratchet action)							

Stripping Pliers

Versatile and comfortable: a true all-rounder in electrics

- ▶ Multifunctional – stripping of sheath and insulation and cutting with one pair of pliers
 - ▶ For time-saving stripping of all common round and damp-proof installation cables (e.g. NYM cable)
 - ▶ Simplified access especially to deeply mounted junction boxes 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 stripping without damage



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 junction boxes

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Dismantling capacities Ø mm	Stripping capacities Ø mm²	⦿ mm	⦿ 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

Always with you, useful everywhere:
the versatile pliers for on the go

- ▶ 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



08 26 145



Tip keeps its shape even during greater torsional forces



Cuts stranded Cu-cable up to 16.0 mm², nails up to Ø 3.0 mm and wire rope up to Ø 2.0 mm



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

STRUCTURE OF ARTICLE NUMBER



Example of the item number on the pliers grip

Basic model e. g. KNIPEX Cobra® Hightech Water Pump Pliers	Form e. g. straight	Finish e. g. head polished, handles with multi- component grips	Length e. g. 250 mm	Accessory e. g. Tethered- Tools- Programm, ESD etc.
87	0	2	250	T



Working at height: very stable tether attachment point, firmly welded to the grip, for easy and reliable attachment of a tool tether (also VDE-approved)

HEAD/HANDLES

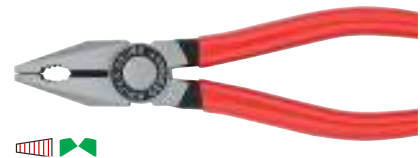
0

Pliers black
atramentized,
head polished



1

Head polished,
handles plastic coated



2

Head polished,
handles with
multi-component grips



3

Pliers chrome plated,
handles plastic
coated



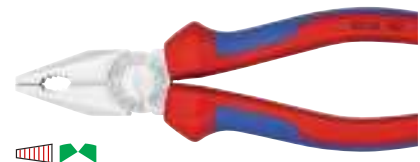
4

Pliers chrome plated



5

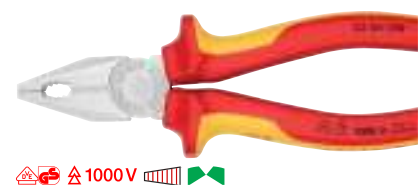
Pliers chrome plated,
handles with multi-
component grips



6

Pliers chrome plated,
handles insulated with
multi-component grips,
VDE-tested

DIN EN 60900/
IEC 60900
































7

Pliers chrome plated,
handles with dipped
insulation,
VDE-tested

DIN EN 60900/
IEC 60900







PICTOGRAMS

	Cu- + Al-multi-conductor cable, solid and multi-stranded		weight		electrostatic discharging, dissipative
	wire rope		length		insulated according to IEC 60900, usable up to 1000 V AC/1500 V DC
	el wire armoured cable (SWA)		Inch / mm		mechanically tested in accordance with the Equipment and Product Safety Act
	ACSR cable		half-round jaws		Pliers in a blister
	soft wire		smooth gripping surfaces		Pliers in carded packaging
	medium hard wire		smooth-serrated gripping surfaces		New
	hard wire		knurled gripping surfaces		Upgraded
	piano wire		cross-hatched, knurled gripping surfaces		
	square-crimp		centre cutter		
	with opening spring		cutting edges with bevel		
	with lead catcher		cutting edges with very small bevel		
	angle		cutting edges without bevel		

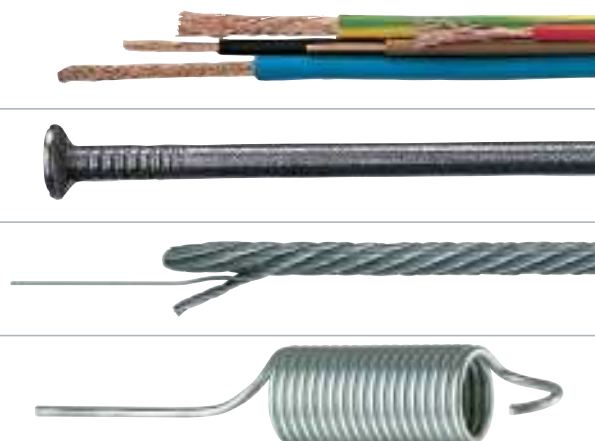
Care Tips

A drop of oil on polished surfaces and in the joint will keep the tool in good working order and will increase the service life of your pliers.

WIRE CLASSES

	Material examples	Type of wire	Tensile strength N/mm ² kp/mm ²	
	Copper, plastics	soft	220	22
	Nail, wire pin	medium-hard	750	75
	Wire rope strand, steel wire	hard	1800	180
	Spring steel wire	piano wire	2300	230

The maximum values indicated always stay for the performance cutting conditions, when the wire is placed as near as possible to the joint.



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