



KNIPEX QUALITY – MADE IN GERMANY



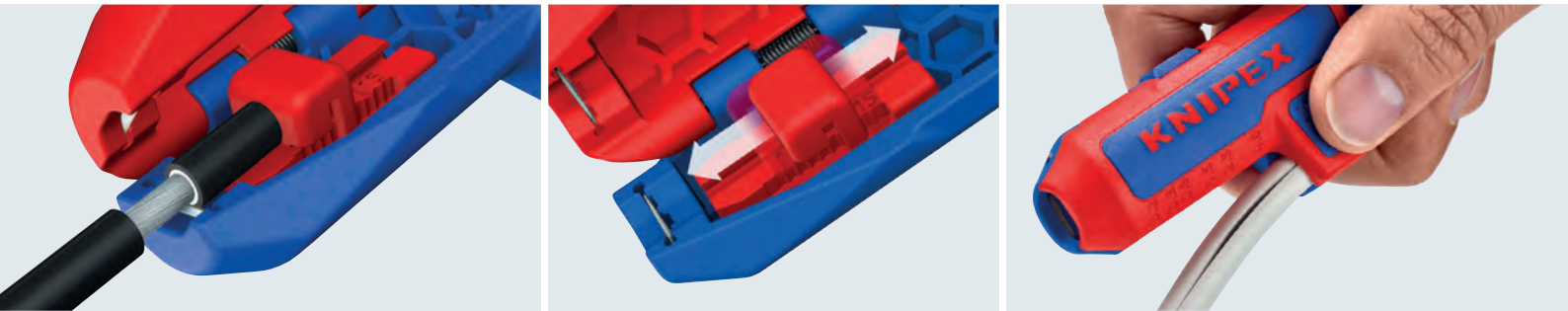
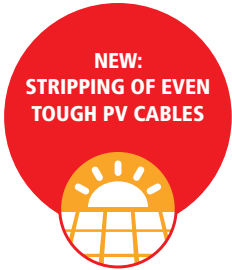
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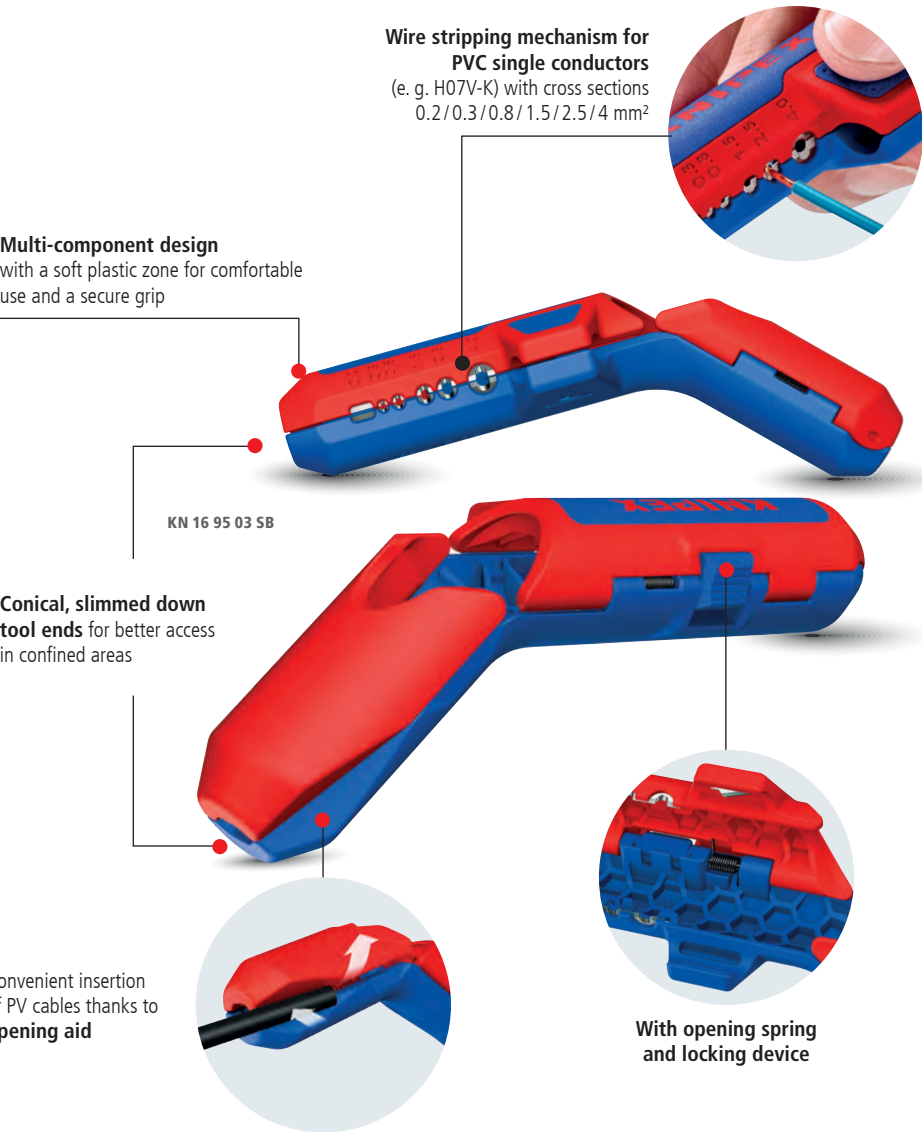
[www.testinstrumentsolutions.co.uk](http://www.testinstrumentsolutions.co.uk)

# KNIPEX ErgoStrip® PV

## FAST AND PRECISE CABLE SKINNING AND STRIPPING FOR PHOTOVOLTAIC PROFESSIONALS





- For fast and precise **stripping of solar cables with 4 and 6 mm<sup>2</sup>** (e. g. H1Z2Z2-K) and 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>)
- Length stop for PV cables: **adjustable from 6–18 mm** for repetitive stripping lengths, suitable for all standard solar connectors
- **Innovative, ergonomic pistol grip design** for easy cutting, stripping and longitudinal cut of the sheath



### ALSO AVAILABLE IN THE NEW PV INSTALLATION SET



**KN 00 31 31 V01 SB**  
 Contents: KNIPEX ErgoStrip® PV stripping tool (16 95 03 SB) and KNIPEX PreciForce crimping pliers (97 52 42) for MC4® and MC4® Evo 2

Article No.	↔ mm		Stripping capacity round cable mm	Stripping capacity solar cable mm <sup>2</sup>	Stripping capacity conductors and strands mm <sup>2</sup>	g
 <b>KN 16 95 03 SB</b>	135		Ø 8.0–13.0	4/6	0.2–4.0	65





# KNIPEX MultiCrimp PV

## THE CUSTOMISABLE CRIMPING PLIERS FOR MC4®, MC4® EVO 2 AND MANY OTHER CONNECTORS

- Universal, high-performance crimping pliers of professional quality for photovoltaic systems
- Just one tool with three crimping dies for MC4®/MC4® Evo 2, uninsulated cable connectors and wire ferrules
- Quick and easy change of crimping dies without additional tools

For PV cables, earthing conductors and cabling to the meter cabinet

**Crimping die 97 39 13:** Crimps connections of e.g. earthing cables\* – with crimping die 97 39 13 for uninsulated cable connectors in 0.5–10 mm<sup>2</sup>

**Crimping die 97 39 08:** Crimps conductors from the inverter to the meter cabinet – with crimping die 97 39 08 for insulated and uninsulated wire ferrules in 0.25–6 mm<sup>2</sup>

**N** **Crimping die 97 39 42:** Crimps connectors for PV conductors – with crimping die 97 39 42 for MC4® and MC4® Evo 2 connectors in 4 and 6 mm<sup>2</sup>

Consistently high crimping quality due to precision dies and ratchet mechanism (unlockable)

With practical belt clip



Customizable with optional crimping dies 97 39 05/06/09









KN 97 39 42

**NEW: NOW FOR MC4® AND MC4® EVO 2 CONNECTORS**



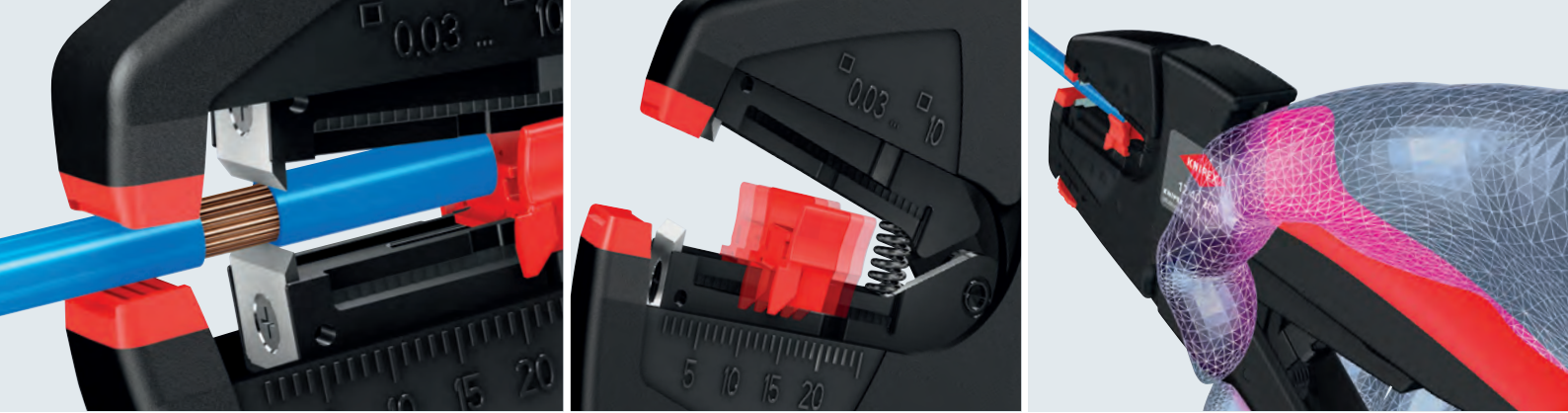
KN 97 33 03

MC4® is a registered trademark of Stäubli Electrical Connectors AG

Article No.	<div><div>↔</div><div>mm</div></div>	Head	Handles	Application			Capacity mm <sup>2</sup>	AWG	<div><div>⚖</div><div>g</div></div>
<div><div>N</div><div>KN 97 33 03</div></div>	250	burnished	with multi-component-handles	<div></div>	<div></div>	MC4® / MC4® Evo 2	4 / 6	12 / 10	790
				<div></div>	<div></div>	wire ferrules	0.25–6	24–10	
				<div></div>	<div></div>	non-insulated terminals	0.5–10	20–8	
<div><div>N</div><div>KN 97 33 LE</div></div>	250	burnished	with multi-component handles	KNIPEX MultiCrimp including empty magazine					660
<div><div>N</div><div>KN 97 39 42</div></div>	Crimping die for MC4® and MC4® Evo 2 connectors in 4 and 6 mm <sup>2</sup>								
<div><div></div><div>KN 97 39 08</div></div>	Crimping die for insulated + uninsulated wire end ferrules from 0.25 to 6 mm <sup>2</sup>								
<div><div></div><div>KN 97 39 13</div></div>	Crimping die for uninsulated cable connectors from 0.5 to 10 mm <sup>2</sup>								

The crimping dies 97 49 XX of crimping system pliers 97 43 200 are not compatible with the KNIPEX MultiCrimp 97 33 01/02/03

\* Multi-stranded lightning protection conductors in 16 mm<sup>2</sup> can only be crimped using the crimping pliers for two-hand operation 97 52 23 due to the hand force required.



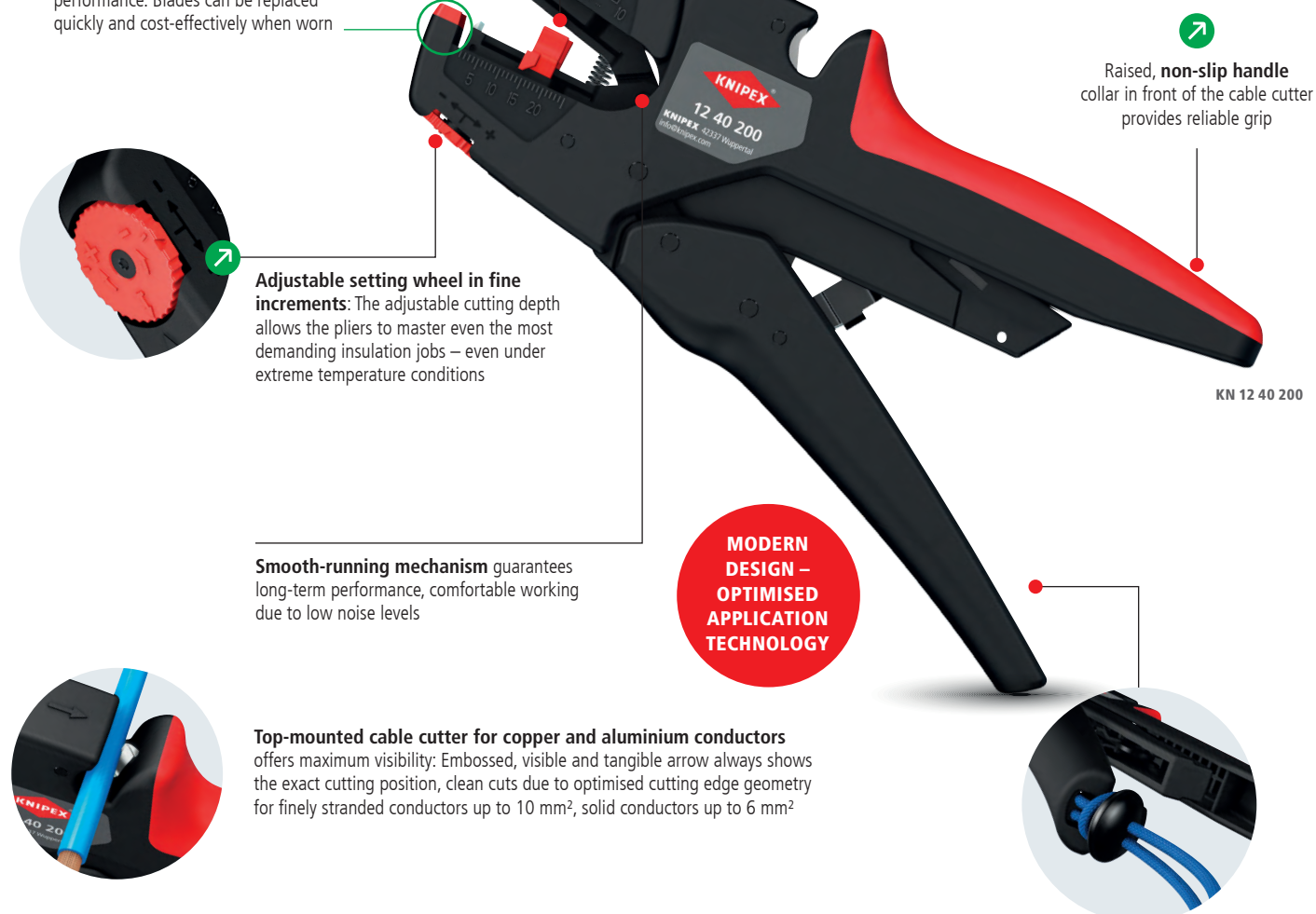
# KNIPEX EvoStrip

## NOW EVEN BETTER: FASTER, MORE PRECISE AND MORE CONVENIENT AUTOMATIC STRIPPING

- **Particularly easy stripping in the large capacity range** from 0.03 to 10 mm<sup>2</sup> cuts cables up to 10 mm<sup>2</sup>
- **No damage to the conductors** due to automatic adaptation to different conductor cross-sections

- **High-quality, wear-resistant stripping blades** and glass fibre reinforced plastic ensure long-lasting performance. Blades can be replaced quickly and cost-effectively when worn

- **Versatile application** due to generous stripping range of 5–22 mm and up to 25 mm without length stop



Article No.	↔ mm		Stripping capacities mm <sup>2</sup>	AWG	g
➤ <b>KN 12 40 200</b>	200		0.03–10.0	32–8	150

**With integrated tether attachment point in the handle:** For reliable tool protection when working at height, ANSI-compliant and compatible with KNIPEX Tethered Tools tethering system





## **KNIPEX PreciStrip16**

### **AUTOMATIC INSULATION STRIPPER**

- > Simple, precise stripping of fine wires and solid round cables with a wide capacity range from 0.08 to 16 mm<sup>2</sup> with only one pair of pliers
- > Good grip provided by semi-circular grooved metal holding clamps and exact cut from parabolic stripping blade
- > A patented automatism regulates the depth of the cut; the neutral point of the automatism can be adjusted in fine steps in special operating conditions (insulation material, temperature)







Article No.	 mm <sup>2</sup>	 AWG
KN 12 52 195 SB	0.08 – 16	28 – 6

## **KNIPEX ComStrip**

### **THE COMPACT WIRE STRIPPER FOR BEGINNERS AND PROFESSIONALS**

- ▶ **Perfect entry-level model:** Strips solid, multi-stranded and finely stranded conductors from 0.2 to 6 mm<sup>2</sup> with standard insulation without any need for manual adjustment
- ▶ Fine adjustment **enables precise setting of the cutting depth** for special materials or temperature conditions
- **With cable cutter** for solid conductors up to 2.5 mm<sup>2</sup>, extended cutting capacity for finely stranded conductors up to 6 mm<sup>2</sup>



Article No.	 mm		Stripping capacities mm <sup>2</sup>	AWG	 g
➤ KN 12 62 180	180		0.2 – 6.0	24 – 10	160

# Automatic Insulation Stripper

## FOR FLAT CABLE

- > For PVC insulated flat cables up to a max. 12 mm width and 0.75 to 2.5 mm²
- > Adapts automatically to various conductor heights; prevents damage to the conductor
- > Long stripping lengths possible



Article No.	Stripping capacities mm²	AWG
KN 12 64 180	0.75–2.5	18–14



# KNIPEX NexStrip®

## MULTI-TOOL FOR ELECTRICIANS

- ▶ Wire stripper with three functions: stripping wire up to 10 mm², crimping capacity of 4 mm² or 2 x 2.5 mm² and cutting capacity of 10 mm²
- > Precise stripping: automatically adapts to the respective cable diameter and ensures consistent stripping lengths with the adjustable length stop especially with repetitive work
- > Perfect crimping: fast and even square crimping for individual wire ferrules, the ratchet crimping mechanism guarantees the required crimping pressure
- > Quick, precise square crimp of single wire ferrules according to DIN 46228 parts 1+4, self-adjusts for sizes 0.25–4 mm² / 2 x 2.5 mm² – allows for quick crimping between different sizes
- > Repetitive, high crimping quality due to ratcheting mechanism with a complete crimping cycle
- > Stripping with fine adjustment – for optimal adjustment to special materials or temperature conditions for flexible and solid conductors between 0.03 and 10 mm² (AWG 32–8)
- > Cleanly cuts conductors up to 10 mm² (AWG 8)



With cable cutter for conductors up to 10 mm²



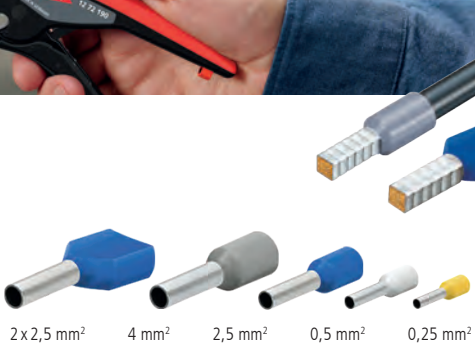
Automatic stripping up to 10 mm²



Square crimping die for wire ferrules of 0.25–4 mm²



Article no.	Application	Capacity mm²	AWG
KN 12 72 190 SB	Cutting	Cutting up to 10	8
	Stripping	Stripping from 0.03 to 10	
	Square compression	Crimping of single wire ferrules from 0.25 to 4 Crimping of twin wire ferrules 2 x 2,5	32–8





# Folding Knife for Electricians

- ▶ **Universal folding cutter for everyday use**
- ▶ **Durable and robust: top quality, extremely sharp blade – Made in Solingen**
- > Ergonomic handle shape for comfortable holding and easy guidance
- > Handle made from robust, shock-resistant plastic
- > Good power transmission during use
- > Stable blade
- > With tether attachment point, suitable for KNIPEX Tethered Tools accessories
- > Blade made of stainless steel

Article No.  
KN 16 20 50 SB



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

# Stripping Knife

WITH GUIDE SHOE AND RATCHET FUNCTION

- ▶ **Ratchet function: easy cutting even for a variety of cable sheaths**
  - ▶ **Versatile blade with three cutting areas for round and lengthwise cuts**
  - ▶ **Guide shoe protects the conductor insulation under the cable sheath**
- > Cuts very hard or tough plastic sheaths up to 7 mm wall thickness
- > Sickle-shaped, replaceable hook blade can be folded for safe transport
- > Blade with four positions: folded, straight, angled and ratcheting
- > Three-stage blade lock for safe handling and transport
- > Ergonomically designed, comfortable handle
- > Integrated tether attachment point for use with KNIPEX Tethered Tool System

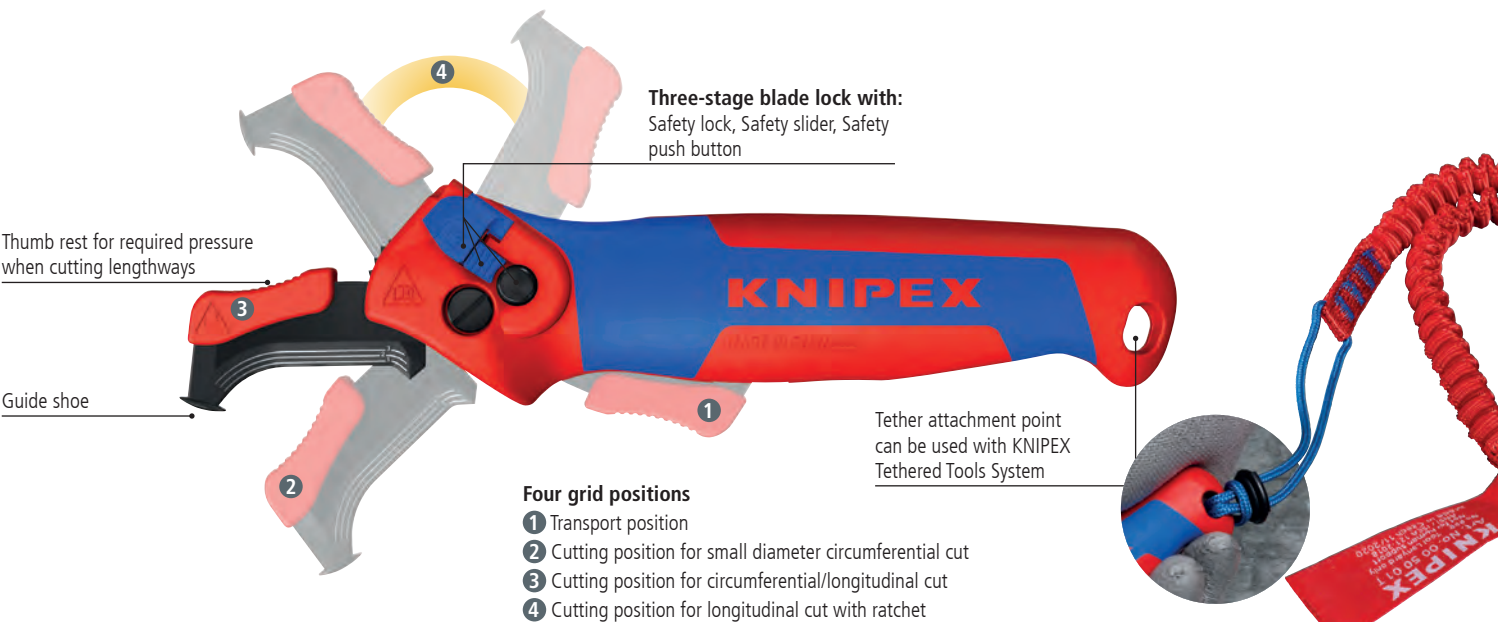


For pushing or pulling: two blade segments for lengthwise cutting



Third blade segment for round cutting

Ratchet function enables stripping with more comfort and less effort



Article No.	↔ mm	Tool	g
KN 16 50 145 SB	146	Housing: glass fibre reinforced plastic/soft plastic	100
KN 16 50 145 E01		Spare blade with glide shoe	12
KN 16 50 145 E02		Locking the blade lock	3



16 50 145 E01

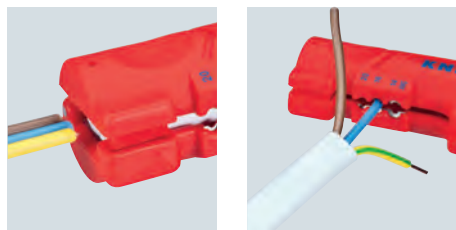


16 50 145 E02

## Stripping Tool

### FOR FLAT AND ROUND CABLES

- > For flat cables up to 12 mm in width
- > For stripping all common round and damp-proof installation cables Ø 4.0 to 13.0 mm (e.g. NYM cable 3 x 1.5 mm<sup>2</sup> up to 5 x 2.5 mm<sup>2</sup>)
- > Stripping device for cross-sections 0.8/1.5/2.5 mm<sup>2</sup> (AWG 20/16/14)
- > With opening spring and locking device



## Stripping Tool

### FOR SPIRAL CUTTING

- > For dismantling round cable sheaths made of PVC, rubber, silicone or PTFE from 6.0 – 29.0 mm dia.
- > Self-tightening holding lever
- > With knurled nut for cutting depth adjustment
- > Changing from circular to longitudinal cutting by turning the tool body



Article No.	Stripping capacities		Types of cables
	Ø mm	mm <sup>2</sup>	
KN 16 64 125 SB	4–13	0.8–2.5	flat cable 12 mm / round cable Ø 4–13 mm

Article No.	Stripping capacities
	Ø mm
KN 16 30 135 SB	6–29

## KNIPEX ErgoStrip®

### UNIVERSAL STRIPPING TOOL

- > For fast and precise 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 cables (e.g. twisted pair) and coax cables
- > 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 0.2/0.3/0.8/1.5/2.5/4 mm<sup>2</sup>
- > Simplified insertion of single wires for stripping using location ridges
- > With opening spring and locking device

PATENTED

Article No.

KN 16 95 01 SB

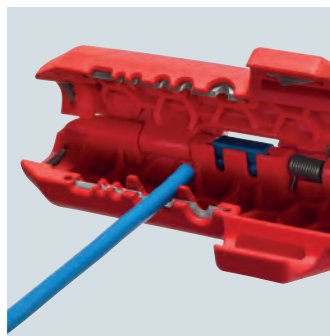
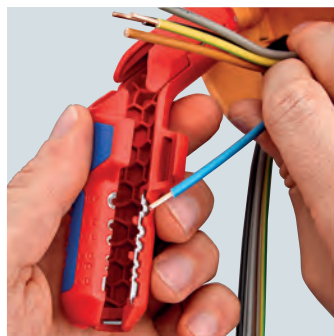
KN 16 95 02 SB



KN 16 95 01 SB



KN 16 95 02 SB

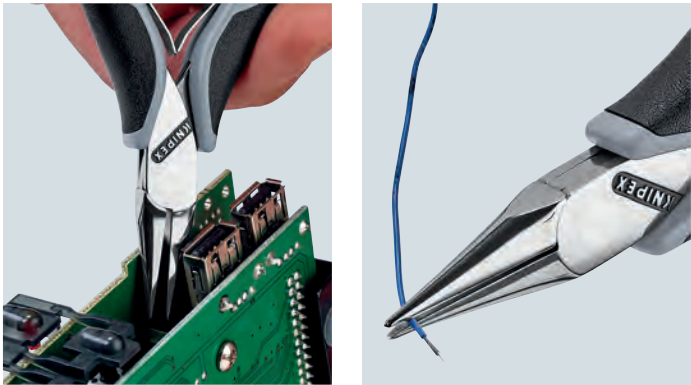






# Electronics Pliers ESD

## WITH BOX JOINT

- ▶ Robust, load-optimized construction with through-pinned and backlash-free precision joint
  - ▶ Head carefully rounded: no sharp edges that could damage the material
  - ▶ Electrically discharging handles – dissipative
- > High, slim sleeves for fine and comfortable gripping between thumb and index finger
- > Uniform bending behavior for a more direct sense of work
- > Smoothly ground gripping surfaces for damage-free gripping
- > Low-friction double spring for smooth and even opening
- The mirror polish in combination with a fine oil film provides rust protection – no circuit faults caused by peeling chrome from plated tools
- > Half-round jaws, smoothly ground gripping surfaces







Article No.	 Ø mm	 Ø mm
KN 35 22 115 ESD	0.2–1.6	1.0

# KNIPEX CoBolt

## COMPACT BOLT CUTTERS

- ▶ With precision cutting edges for soft, hard and piano wire
  - ▶ Cuts bolts, nails, rivets, etc. up to Ø 5.2 mm
- > Efficient joint design ensures exceptional cutting performance with little effort
- > With recess for easier cutting of thicker wires
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 64 HRC
- > Opening spring and locking device are integrated in the handles for comfortable work and safe transport
- > With gripping surface below the joint for gripping and pulling wires from Ø 1.0 mm



Article No.	 Ø mm	 Ø mm	 Ø mm	 Ø mm
KN 71 32 200 SB	6.0	5.2	4.0	3.6

## Electricians' Shears

- ▶ Precisely ground blades with fine serration for a clean, non-slip cut
- ▶ Cutting edge with integrated cable cutter

- > With plastic belt pouch
- > Handles with multi-component grips, fibreglass-reinforced
- > Cutting edges made from stainless steel, hardness of cutting edges 56 HRC



Article No.	↔ mm
KN 95 05 155 SB	155

## Angled Electricians' Shears

- > Universal shears with straight hand positioning for improved ergonomics
- > Precision-ground blades with fine serrations for a clean, non-slip cut
- > Adapted to the hand: angled blades and optimised handle design for improved ergonomics



With fine serration for precise cutting ...



and two crimping areas for standard wire ferrules sizes



Practical belt pouch available separately

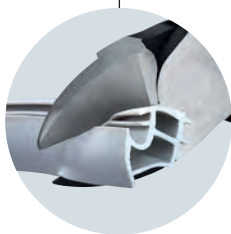


Article no.	
KN 95 05 20 SB	Angled Electricians' Shears
KN 00 19 75 LE	Multi-purpose belt pouch



## Diagonal Cutters for plastics

- > Cutting face flush
- > For nearly flush cutting of moulded plastic components from sprues
- > Cuts soft materials such as lead in a flush cut
- > With opening spring



Article No.

KN 72 01 160 SB



## Electronic Super Knips

- > Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- > Ground, very sharp cutting edges without bevel
- > Precision shaped tips cut wires flush to a surface from Ø 0.2 mm
- > 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



KN 78 03 125 SB

KN 78 06 125 SB

KN 78 61 140 SB  
Electronic Super Knips XL

1000 V

Article No.	Ø mm	Ø mm
KN 78 03 125 SB	0.2 – 1.6	1.0
KN 78 06 125 SB	0.2 – 1.6	1.0
KN 78 61 140 SB	0.2 – 2.1	1.4

## Electronic Super Knips® ESD

- > Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- > Electrically discharging handles – dissipative
- > Ground, very sharp cutting edges without bevel
- > 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
- > Precisely shaped tips cut wires close to a surface from Ø 0.2 mm
- > Joint with stainless steel rivet
- > Extremely smooth movement for minimum operator fatigue
- > With opening spring and opening limiter
- > With lead catcher – no uncontrolled loss of cut wire ends

KN 78 61 140 ESD

Electronic Super Knips® XL ESD

- > Additional 15 mm longer version: greater stability, greater cutting performance



KN 78 13 125 ESD



KN 78 61 140 ESD

Article No.	Ø mm	Ø mm
KN 78 13 125 ESD	0.2 – 1.6	1.0
KN 78 61 140 ESD	0.2 – 1.6	1.2



## **KNIPEX TwinGrip**

### **FRONT AND SIDE GRIPPING PLIERS**

- ▶ Gripping, tightening and loosening screws with worn heads and threads
- ▶ Unique combination: Front grip and side grip function, box joint, push button adjustment
- ▶ High-grip front jaw with robust teeth and high gear ratio at the tip of the mouth

- > Very slim pliers: work even in confined spaces, with slim turning zone for fast screwing
- > Optimised geometry of the side jaw design: with locking effect for maximum grip when loosening and tightening
- > Pinch stop reduces the risk of crushed fingers
- > Durable and resilient thanks to robust box joint
- > Small and handy – also suitable for more delicate work
- > Large front and side gripping capacities: for diameters and width across flats 3 – 16 mm
- > Reliable, frontal gripping of flat workpieces up to 6 mm thanks to three-point system
- > Three-way adjustable slip joint with push button adjustment for precise alteration of gripping capacity



Part No.	↔ mm	Pliers	Handle	○ Ø Inch	○ Ø mm	⬡ Inch	⬡ mm	Adjustment positions	⚖ g
KN 82 01 150 SB	150	grey atramentized	with non-slip plastic coating	1/8–5/8	3–16	1/8–5/8	3–16	3	130
KN 82 01 200 SB	200			5/32–7/8	4–22	5/32–7/8	4–22	5	236
KN 82 02 150 SB	150		with comfort handles	1/8–5/8	3–16	1/8–5/8	3–16	3	278

## **KNIPEX SmartGrip®**

### **WATER PUMP PLIERS WITH AUTOMATIC ADJUSTMENT**

- > Ideal for frequent changeovers to workpieces of different sizes
- > Automatic adjustment per one-hand operation both for right-handed and left-handed use
- > Good access to the workpiece thanks to the slim dimensions of head and joint area and flush joint bolt
- > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping



PATENTED

Article No.	○ Ø Inch	○ Ø mm	⬡ mm
KN 85 01 250 SB	1 1/4	32	36



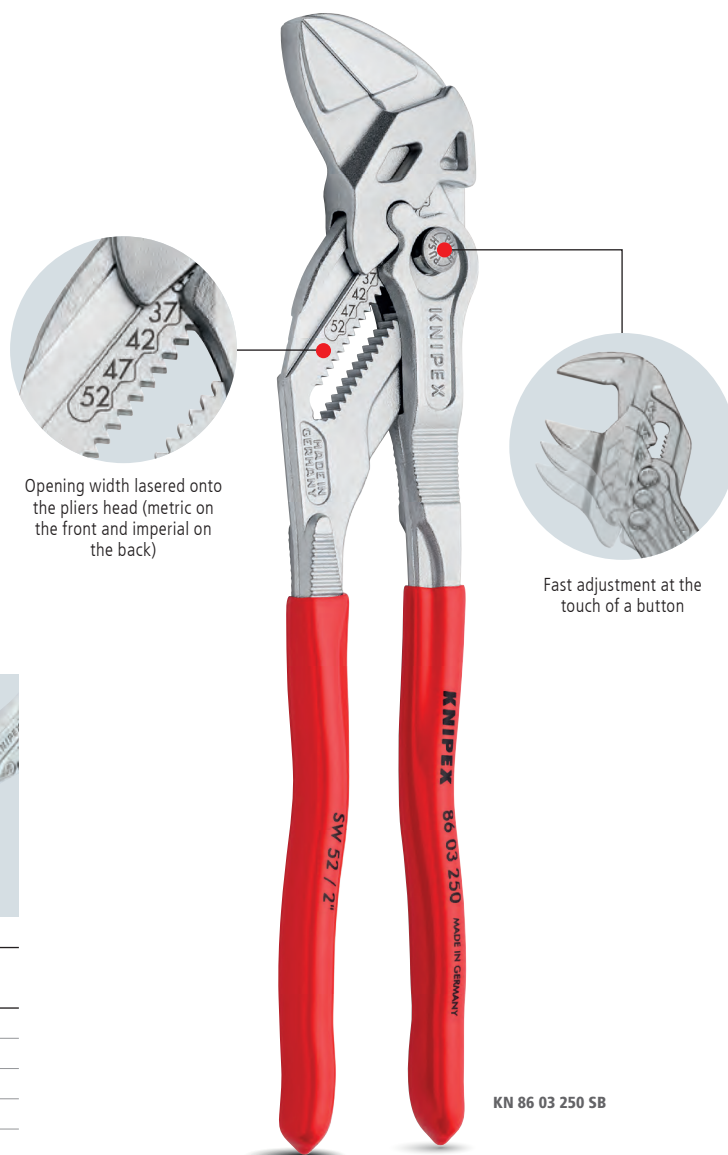
## Pliers Wrenches

### PLIERS AND A WRENCH IN A SINGLE TOOL

- ▶ Replaces the need for sets of metric and imperial spanners
- ▶ Smooth jaws for damage free installation of plated fittings – working directly on chrome!
- > Great for gripping, holding, pressing and bending workpieces
- > Zero backlash jaw pressure prevents damage to edges of sensitive components
- > Fast adjustment by pushing a button directly on the workpiece
- > No unintentional shift of the gripping jaws and no slipping of the joint
- > Parallel jaws give a more solid grip; its design allows flexible adjustment of all widths up to the specified maximum size
- > The ratchet type principle allows quick and easy tightening and release of all bolted connections
- > High lever transmission for strong gripping power



Article No.		Inch	mm	Adjustment positions
KN 86 01 250 SB		2	52	19
KN 86 02 250 SB		2	52	19
KN 86 03 125 SB		7/8	23	11
KN 86 03 150 SB		1	27	14
KN 86 03 180 SB		1 1/2	40	15
KN 86 03 250 SB		2	52	19
KN 86 03 300 SB		2 1/2	68	24
KN 86 03 400		3 3/8	85	25
KN 86 06 250 SB		2	52	19



## KNIPEX Cobra®

### HIGHTECH WATER PUMP PLIERS

- Push the button for adjustment on the workpiece
- Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width

- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Pinch guard prevents operators' fingers being pinched

### KNIPEX COBRA® – THE HIGH-TECH WATER PUMP PLIERS

No more time-consuming presetting of the required opening size. Just position the upper jaw to the workpiece, push button and move close the lower jaw, ingeniously simple.



Article No.	Ø Inch	Ø mm	mm	Adjustment positions
KN 87 01 125 SB	1	30	27	13
KN 87 01 150 SB	1 1/4	30	32	11
KN 87 01 180 SB	1 1/2	42	36	18
KN 87 01 250 SB	2	50	46	25
KN 87 01 300 SB	2 3/4	70	60	30
KN 87 01 400 SB	3 1/2	90	95	27



Fine adjustment by pushing a button: fast and comfortable

## KNIPEX Cobra® VDE

⚡ 1000 V

### HIGH-TECH WATER PUMP PLIERS, INSULATED

- > Adjustment by sliding one jaw directly on to the workpiece: fast, reliable and comfortable handling
- > Fine adjustment: allows optimum adjustment to differently sized workpieces and comfortable handle position
- > Good access to the workpiece due to slim size of head and joint area
- > Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched

Article No.	Ø Inch	Ø mm	mm	Adjustment positions
KN 87 26 250 SB	2	50	46	24

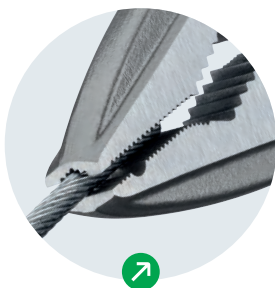




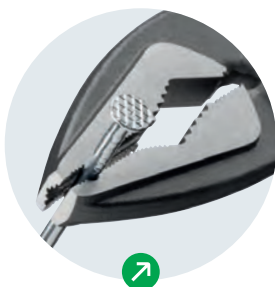
# **KNIPEX Cobra® ES**

## **SPECIAL GRIPPING PLIERS FOR CONFINED SPACES: WITH MORE FUNCTIONS AND A NEW 180 MM SIZE**

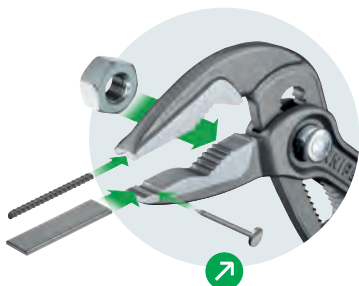
- Particularly good access to the workpiece due to very slim construction of head and joint area
- **Long, narrow jaws with front gripping serration:**  
 longitudinal gripping profile for round parts such as screws and bolts
- ▶ **Ideal for service, maintenance**  
 and equipment repair, in automotive and general industry



**Front gripping serration**  
 for round parts such as screws, bolts or wire rope



**Cross groove** for holding slender round materials such as nails



**Greater gripping capacity**  
 and better frontal gripping of flat and round workpieces due to optimised jaw design

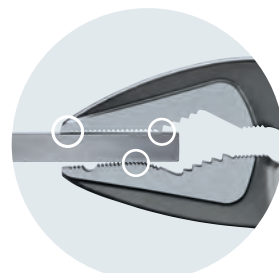
**NEW AND IMPROVED**

**NEW: 180 mm**



**Self-clamping on pipes and nuts**  
 no slipping on the workpiece, effortless working

**Push the button**  
 for adjustment on the workpiece



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



**Reliable catching of the hinge bolt**  
 no unintentional shifting



**Box-joint design**  
 for high stability due to double guide

KN 87 51 180 SB

Article No.	↔ mm	Pliers	Head	Handles	Ø mm	Ø inch	mm	inch	max. parallel opening width mm	max. gripping depth mm	Adjustment positions	g
<span>N</span> <b>KN 87 51 180 SB</b>	180		black	with non-slip plastic coating	32	1 1/4	32	1 1/4	30	37	18	176
<span>➤</span> <b>KN 87 51 250 SB</b>	250		black	with non-slip plastic coating	40	1 1/2	36	1 3/8	37	45	25	342




## **KNIPEX Alligator®**

 1000 V

### **WATER PUMP PLIERS**

- Good access to the workpiece due to slim size of head and joint area
- More output and comfort compared to conventional water pump pliers of the same length: 9-notch adjustment positioning for 30 % more gripping capacity
- Self-clamping on pipes and nuts: no slipping on the workpiece, effortless working
- Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- Box-joint design for high stability due to double guide
- Robust construction, insensitive to dirt; particularly suitable for outdoor work
- Pinch guard prevents operators' fingers being pinched



Article No.	 Ø Inch	 Ø mm	 mm	Adjustment positions
KN 88 06 250 SB	2	50.0	46.0	9

## **KNIPEX PlastiCut®**

### **CUTTER FOR FLEXIBLE HOSES AND PLASTIC CONDUIT PIPES**

- For cutting thin-walled plastic pipe (such as plastic protective outer pipe) and plastic and rubber hose, including fabric-reinforced, up to 25 mm outer diameter
- Exchangeable blade
- With opening spring and locking device
- Ergonomically shaped handles made of glass fibre reinforced plastic
- Not suitable for cutting cables



Article No.	Cutting capacities Ø mm
KN 90 20 185 SB	25



## KNIPEX BiX

### CUTTERS FOR PLASTIC PIPES AND SEALING SLEEVES

- Clever pipe cutter: Cuts pipes without shavings and fits comfortably in the hand
- Can cut high-temperature plastic drain pipes and electrical conduits in next to no time
- Can be used to cut sealing sleeves during final assembly – close to the wall, standard-compliant

- > Cuts unreinforced plastic pipes from Ø 20 to 56 mm with a wall thickness of up to 2.4 mm
- > Cuts soft plastic pipes and those with foam cores from Ø 20 to 56 mm with a wall thicknesses of up to 3.5 mm
- > Cuts sealing sleeves approx. 2–3 mm from the wall
- > Cuts pipes quickly, cleanly and without shavings
- > Rotatable knife block for cutting plastic pipes (blade in the middle) and sealing sleeves (blade outside)
- > With locking mechanism for safe transport
- > Two spare blades integrated in the tool

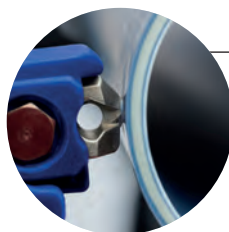


Article no.	Cutting values for HT and plastic pipes Ø mm	Cutting values for sealing sleeve Ø mm
KN 90 22 10 BK	20–56	20–56

## KNIPEX DP50

### PIPE CUTTER FOR PLASTIC DRAIN PIPES

- > For cutting thin walled plastic pipes (conduit plastic pipes) and flexible hoses, also with fabric reinforcement, of plastic and rubber up to 25.0 mm / 1" exterior dia.
- > With opening spring and locking device
- > Blades: special tool steel, oil-hardened, interchangeable
- > Tool body: glass fibre reinforced plastic



Once in place, the spring-loaded blade exerts enough pressure for the cut – no readjustment necessary!



Squeeze the blue lever to position the blade against the pipe

Article no.	Cutting capacities Ø mm
KN 90 23 01 BK	32/40/50

## **KNIPEX TubiX®**

### **PIPE CUTTER FOR THE MOST COMMON PIPES**

- ▶ Cuts pipes with Ø 6–35 mm (1/4–1 3/8")
- ▶ Removable, precision-ground deburring tool
- ▶ For plumbing, heating and air conditioning: easily cut gas and water pipes made of copper, brass and stainless steel
- ▶ QuickLock locking mechanism: independent holding and clamping on the tube
- ▶ Comfortable: easy cutting due to high-quality needle bearings in the spring-loaded cutting wheel and guide rolls

- > Precise and quick: easy positioning of the cutting wheel on the pipe
- > Cuts pipes with wall thickness up to 2 mm
- > Quick replacement of the cutting wheel without any tools – spare cutting wheel stored in the handle



The needle-bearing and spring-loaded cutting wheel made of high-quality ball bearing steel is easily exchangeable



Quick replacement of the cutting wheel without any tools – spare cutting wheel stored in the handle



1 The new ease of cutting: apply the open KNIPEX TubiX® pipe cutter ...



2 Push the cutting wheel onto the pipe with QuickLock one-hand quick fastening: quick adjustment to different pipe diameters ...



3 Cut by turning and adjust with the ergonomic blue turning knob ...



4 90 31 02 BK/90 31 03 BK: If required, the interface can be smoothed with the fold-out deburrer – with surprisingly little effort



Article No.	Cutting capacities Ø Inch	Cutting capacities Ø mm
KN 90 31 02 BK	1/4 – 1 3/8	6–35

## **Cable Shears**

### **HANDLES EXTRUSION PLASTIC-COATED**

- > Not suitable for steel wire and hard drawn copper conductors
- > Precision-ground, hardened blades
- > No crushing, slight deformation of the cable only
- > Pinch guard prevents operators' fingers being pinched
- > Adjustable bolted joint
- > Cuts cables up to Ø 10 mm / 24 mm²
- > With opening spring and locking device



Article No.	Ø mm	mm²	AWG
KN 95 05 165 SB	10.0	24	4 / 0



## **KNIPEX StepCut®**

 1000 V

### **CABLE SHEARS WITH STEP CUT**

- > Cable cutting made easy: innovative step cutting separates wires one by one to save energy
- > Small, light, strong: Comfortable cutting without crushing and just 160 mm in size
- > Noticeably less effort: the gradations cut wires one after the other; cutting is up to 40% easier than with standard cable shears of the same length!



Article No.	Ø mm	mm <sup>2</sup>	AWG
KN 95 16 160 SB	15.0	50	1 / 0

## **KNIPEX StepCut® XL**

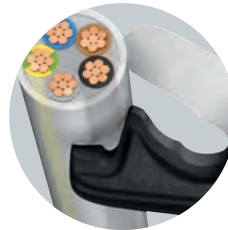
 1000 V

### **CABLE SHEARS WITH STEP CUT**

- ▶ **Large cutting capacity:** cuts solid copper or aluminium cables up to 35 mm<sup>2</sup>, stranded cables up to 70 mm<sup>2</sup> and fine stranded cables up to 120 mm<sup>2</sup>
- ▶ **Dual cutting areas:** Stepped cutting edge holds small and larger cables close to the joint during the cut; the front cutting edge cuts very large cables step by step
- > High-leverage joint, long handles and optimised cutting edges: noticeably easier cutting than with compact cable shears
- > Easy one- or two-handed operation with minimum handle opening for large cable diameters
- > Adjustable, high-leverage bolted joint provides precise and smooth cutting
- > Pinch guard prevents operators' fingers being pinched
- > Cutting edges additionally laser-hardened, cutting edge hardness approx. 56 HRC



Slim head for easier accessibility



Front cutting edge for cutting large cables step by step with ergonomic handle width

Stepped cutting edges prevent cables from slipping out



Screwed joint: smooth-running, precise, adjustable

Pinch guard prevents operators' fingers being pinched

Handle shape allows gripping close to the joint and with one hand



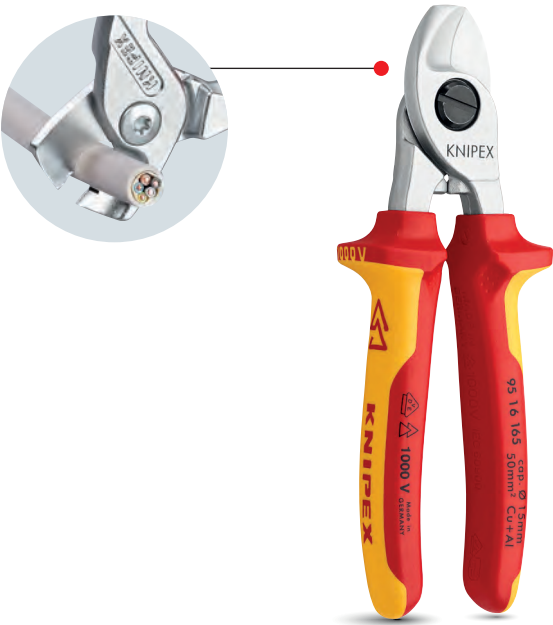
Article No.	Cutting capacities	
	Ø mm	mm <sup>2</sup>
KN 95 18 225 SB	23	120

Cable Shears

⚡ 1000 V

- ▶ Clean and smooth cut without crushing and deformation
  - ▶ Easy cutting with one-hand operation
  - ▶ Adjustable bolted joint, self-retaining screw
- > Cuts multi-core stranded copper and aluminium cables up to Ø 15 mm (50 mm²)
- > Not suitable for steel wire and hard drawn copper conductors
- > Precision-ground, hardened blades
- > With guard

Article No.	Ø mm	mm²	AWG
KN 95 16 165 SB	15.0	50	1 / 0

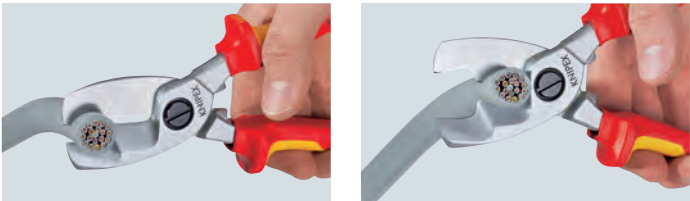


Cable Shears

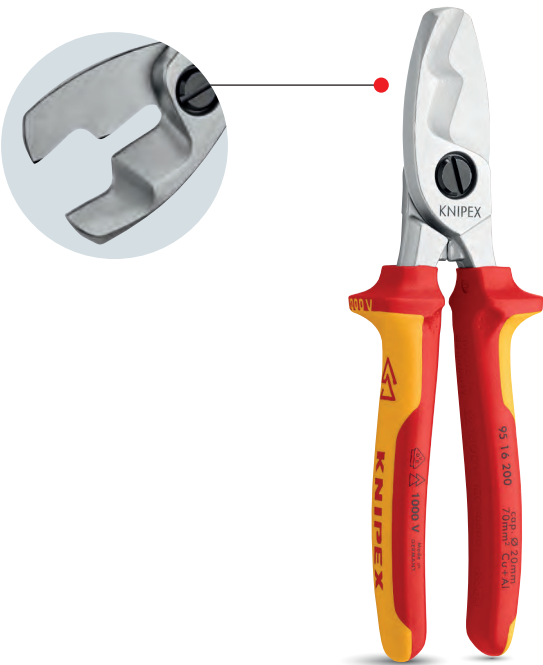
⚡ 1000 V

WITH TWIN CUTTING EDGE

- > For cutting copper and aluminium cables
- > Not suitable for steel wire and hard drawn copper conductors
- > Precision-ground, hardened blades
- > Clean and smooth cut without crushing and deformation
- > Adjustable bolted joint, self-retaining screw



Article No.	Ø mm	mm²	AWG
KN 95 16 200 SB	20.0	70	2 / 0



Cable Cutters

⚡ 1000 V

(RATCHET ACTION)

- > For cutting copper and aluminium single conductors as well as multiple stranded cables
- > Not suitable for steel wire and wire ropes
- > Precision-ground, hardened blades
- > Clean and smooth cut without crushing and deformation







Article No.	Ø mm	mm²	MCM
KN 95 36 250 SB	32.0	240	500





## Crimping Pliers

- > For cutting cables, stripping wire and crimping insulated and non-insulated terminals, connectors and plug type connectors
- > With threaded holes for cutting copper and brass screws threaded M 2.6 / M 3 / M 3.5 / M 4 and M 5
- > Bolted joint for higher stability and even movement
- > Special steel, high-strength

Article No.			Capacity mm <sup>2</sup>	AWG
KN 97 22 240 SB			0.5–6	20–10
			0.5–2.5	20–14



## KNIPEX MultiCrimp

### CRIMPING PLIERS WITH CHANGER MAGAZINE

- ▶ Just one tool to cover standard crimping applications
- ▶ Quick and easy change of crimping dies without additional tools

- > Safe, protected storage for interchangeable inserts in a rotary magazine
- > Comfortable, powerful crimping pliers in professional quality
- > Same reliable crimping results as with fixed crimping dies






















The space, cost and weight-saving crimping tool for installation and repair work. Now professionals only need one tool instead of five as before.



KN 97 33 02

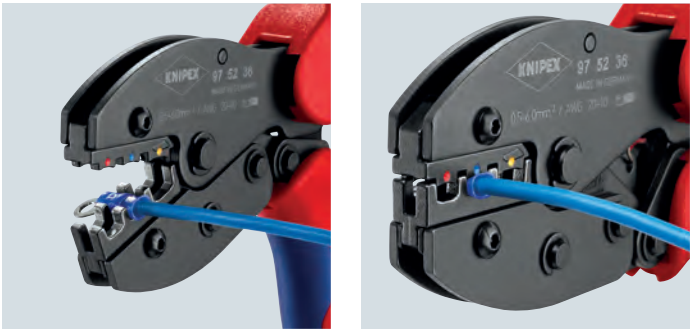



Part No.			Application	Capacity mm <sup>2</sup>	AWG
KN 97 33 01			non-insulated, open flat plug connector (plug width 4.8 + 6.3 mm)	0.5–6	20–10
			insulated connectors	0.5–6	20–10
			non-insulated terminals	0.25–6	24–10
KN 97 33 02			non-insulated, open flat plug connector (plug width 4.8 + 6.3 mm)	0.5–6	20–10
			insulated connectors	0.5–6	20–10
			Wire ferrules	0.25–6	24–10
			Wire ferrules	10/16/25	8/6/4
			non-insulated terminals	0.5–10	20–8
KN 97 39 05	Die set, for non-insulated open plug type connectors (plug width 4.8 + 6.3 mm)		non-insulated, open flat plug connector (plug width 4.8 + 6.3 mm)	0.5–6	20–10
KN 97 39 06	Die set, for insulated cable connectors		insulated connectors	0.5–6	20–10
KN 97 39 09	Die set, for insulated and non-insulated wire ferrules 10/16/25 mm <sup>2</sup>		Wire ferrules	10/16/25	8/6/4

# **KNIPEX PreciForce**

## **CRIMPING PLIERS**

- > Consistently high crimping quality thanks to precision dies and forced locking mechanism (unlockable)
- > Crimping pressure has been set precisely (calibrated) in the factory, re-adjustable
- > Optimum transmission of force thanks to toggle lever for fatigue-reduced operation
- > Good handling thanks to favourable handle position, low weight, compact design and ergonomically shaped handles



Article No.			Capacity mm <sup>2</sup>	AWG
KN 97 52 36 SB			0,5–6	20–10





# **Self-Adjusting Crimping Pliers for wire ferrules**

## **WITH LATERAL ACCESS**

- > Narrow handle width and improved ergonomics
- > For crimping wire ferrules according to DIN 46228 parts 1 + 4
- > Self-adjustment to the size of wire ferrules required
- > Repetitive, high crimping quality due to integral lock (self-releasing mechanism)
- > Tools have been set precisely (calibrated) in the factory



PATENTED

Article No.			Capacity mm <sup>2</sup>	AWG
KN 97 53 04 SB			0.08 – 10 / 16	28 – 6





## Crimping Pliers for wire ferrules

⚡ 1000 V

### WITH MANDREL CRIMP

- > Light and slim design
- > Easy crimping due to optimised transmission ratio
- > For crimping wire ferrules according to DIN 46228 parts 1 + 4 from 0.25 to 16 mm<sup>2</sup>
- > Crimping in marked half-round dies for reliable connections between the sleeve and the conductor
- > 9 particularly deep dies with conical side faces



Article No.	Applications	Capacity mm <sup>2</sup>	AWG
KN 97 78 180 SB	Wire ferrules	0.25 – 16	24 – 6

## Tool set for Photovoltaics MC4®

### EQUIPPED FOR CABLING SOLAR SYSTEM

- > Crimp System Pliers 97 43 200 A for interchangeable crimping dies, crimping pressure is precisely set at the factory (calibrated)
- > Crimping die 97 49 66 (2.5 / 4.0 / 6.0 mm<sup>2</sup>) for solar connector MC4® (Multi-Contact), locator 97 49 66 1 and assembly tool set 97 49 66 2
- > Precision stripping pliers 12 12 11 (1.5 / 2.5 / 4.0 / 6.0 mm<sup>2</sup>) with adapted blades for smaller stripping capacities
- > Cable shears 95 16 165 for copper cables up to Ø 15 mm
- > Assembly tool (Allen key) for changing the crimping dies
- > Impact-resistant plastic case: external dimensions: 345 x 80 x 280 mm (W x H x D)

MC4® is a registered trademark of Stäubli Electrical Connectors AG



### Content

12 12 11 KNIPEX		97 49 66 KNIPEX	
95 16 165 KNIPEX		97 49 66 1 KNIPEX	
97 43 200 A KNIPEX		97 49 66 2 KNIPEX	

Article No.	Tool set for Photovoltaics
KN 97 91 04 V01	2,5 – 6.0 mm <sup>2</sup>

## Set of Mounting Tools

### FOR SOLAR CABLE CONNECTORS MC4® (MULTI-CONTACT)

- > Set of two mounting tools
- > To loosen and tighten cable glands of MC4® solar plugs
- > To open the locking of MC4® housings (even in case of mounted lock clip)



Article No.

**KN 97 49 66 2 LE**

MC4® is a registered trademark of Stäubli Electrical Connectors AG

## Assortment Boxes

- > Practical dispenser box, stackable and reclosable
- > Handy, transparent dispenser box
- > Rotating lid with opening to remove individual wire ferrules
- > With insulated wire ferrules by DIN colour code
- > Format: Ø 90 mm, height 44 mm



- > With 150 wire ferrules
- > 30 wire ferrules each for 0.25/0.34/0.5/0.75/1 mm²

Article No.

**KN 97 99 905**



- > With 450 insulated wire ferrules 5 x wire ferrule sets
- > 50 wire ferrules each for 0.5/2.5 mm² and 100 for 0.75/1/1.5 mm²

Article No.

**KN 97 99 906**



- > With 200 Twin wire ferrules 4 parts
- > 50 wire ferrules for 2x0.75 mm² / 2x1 mm² / 2x1.5 mm² / 2x2.5 mm²

Article No.

**KN 97 99 908**





Screwdrivers

⚡ 1000 V

- > Reduced blade isolation diameter for recessed spring and screw elements
- > Ergonomically optimised dual component handle for fatigue reduced work and optimum transmission of force

Screwdrivers (Slim) for slotted screws

Article No.
KN 98 20 35 SL / KN 98 20 40 SL / KN 98 20 55 SL



KN 98 20 65 SL

Screwdrivers (Slim) for cross-recessed screws Pozidriv®

Article No.
KN 98 25 01 SL / KN 98 25 02 SL



KN 98 25 02 SL

Screwdrivers (Slim) Plus/Minus Phillips®

Article No.
KN 98 24 01 SLS / KN 98 24 02 SLS

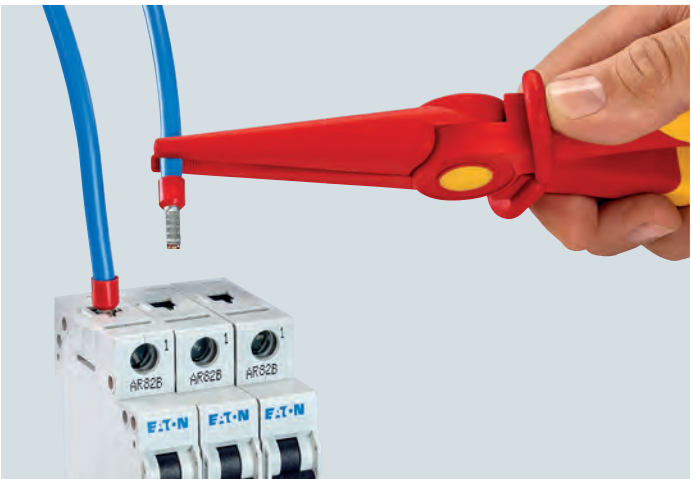


KN 98 24 01 SLS

Plastic Nose Pliers

⚡ 1000 V

- > Fully insulating to reduce risk of short circuit
- > Class C; range of use up to -40°C
- > Plastic material, fibreglass-reinforced



KN 98 62 01  
Plastic Flat Nose Pliers



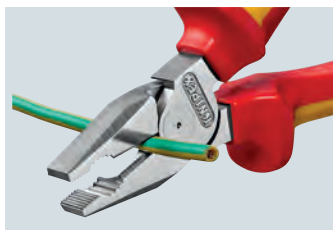
KN 98 62 02  
Plastic Snipe Nose Pliers

Article No.	↔ mm	
KN 98 62 01	180	⚡ 1000 V ⚡
KN 98 62 02	220	⚡ 1000 V ⚡

## High Leverage Combination Pliers

⚡ 1000 V

- > 35% less effort required than with conventional combination pliers
- > With cutting edges (hardness approx. 63 HRC) for heavy duty
- > Easier work due to optimised leverage
- > Easier cutting, powerful gripping, bending and pulling
- > Long cutting edges for thicker cables



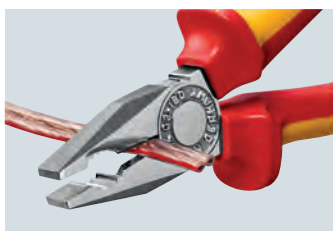
Article No.	Ø mm	Ø mm	Ø mm	mm <sup>2</sup>
KN 02 06 200 SB	2.8	2.2	13.0	25



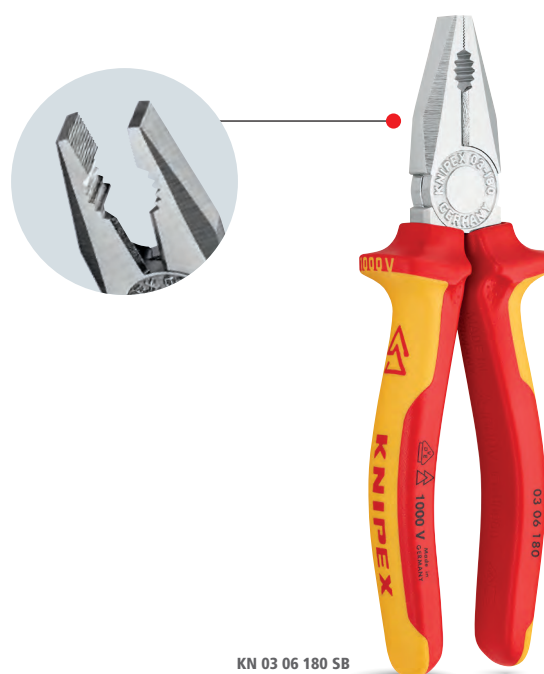
## Combination Pliers

⚡ 1000 V

- > With gripping zones for flat and round material, suitable for versatile use
- > With cutting edges for soft and hard wire
- > Long cutting edges for thicker cables
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC



Article No.	Ø mm	Ø mm	Ø mm	mm <sup>2</sup>
KN 03 06 160 SB	3.1	2.0	10.0	16
KN 03 06 180 SB	3.4	2.2	12.0	16



## Needle-Nose Combination Pliers

⚡ 1000 V

- > Easy cutting thanks to the high leverage joint
- > 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



Article No.	Ø mm	Ø mm	Ø mm	mm <sup>2</sup>
KN 08 26 185 SB	3.8	3.0	13.0	25.0





## Forged Wire Stripper

⚡ 1000 V

### FOR METRIC CABLE

- > Versatile 5-in-1 combination pliers for electrical installation: cut cables, strip conductors, twist, deburr and grip
- > Clever stripping: large capacity range, sharply ground stripping profiles and intuitive positioning
- > Innovative cutting geometry: easier cutting, especially of flat cables



Article No.	Ø mm	mm²	Stripping capacity for cross-sections mm²
KN 13 76 200 ME	15	50	0.75–4 / 6



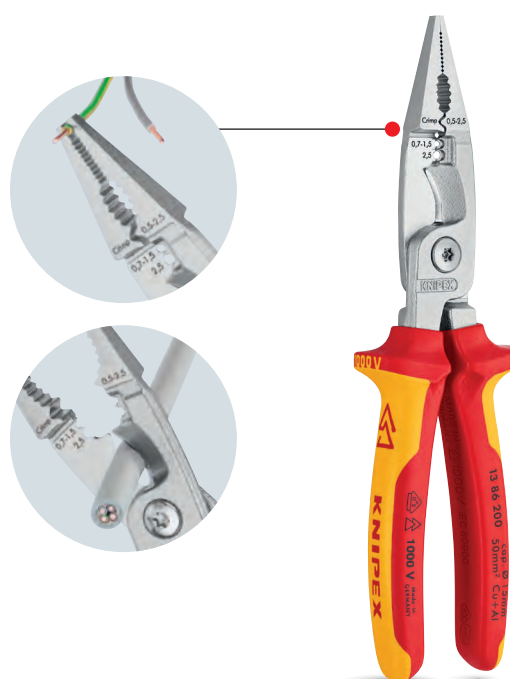
## Pliers for Electrical Installation

⚡ 1000 V

- > 6 functions in one pair of pliers
- > Multifunctional pliers for the electrical installation; to grip flat and round material, for bending, deburring, cutting cable, stripping and crimping wire ferrules
- > Smooth surfaces near the tips grip single cores without damaging them; serrated gripping surfaces and pipe grip for gripping flat and round material
- > Stripping holes for conductors of 0.75–1.5 mm² and 2.5 mm²
- > Crimping die for wire ferrules 0.5–2.5 mm²

PATENTED

Article No.	Ø mm	mm²	Stripping capacity for cross-sections mm²	Crimping capacities mm²
KN 13 86 200 SB	15.0	50	0.75–1.5 / 2.5	0.5–2.5



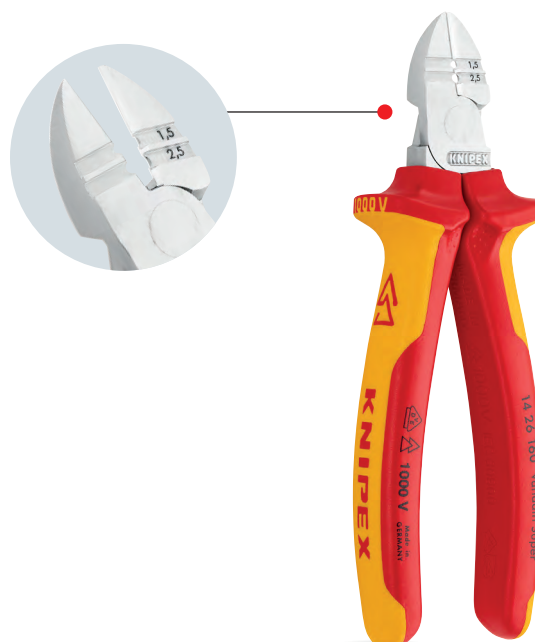
## Diagonal Insulation Stripper

⚡ 1000 V

- > With long cutter
- > High cutting capacity due to high leverage joint
- > Precision stripping holes for single conductors of 1.5 and 2.5 mm²
- > Convenient cutting of NYM cables up to 5 x 2.5 mm²
- > Long tips for ultra fine cutting work also in confined areas
- > Induction-hardened precision blades, cutting edge hardness approx. 60 HRC





Article No.	Ø mm	mm²	Stripping capacities mm²	AWG
KN 14 26 160	2.5	1.5	1.5–2.5	16 / 14

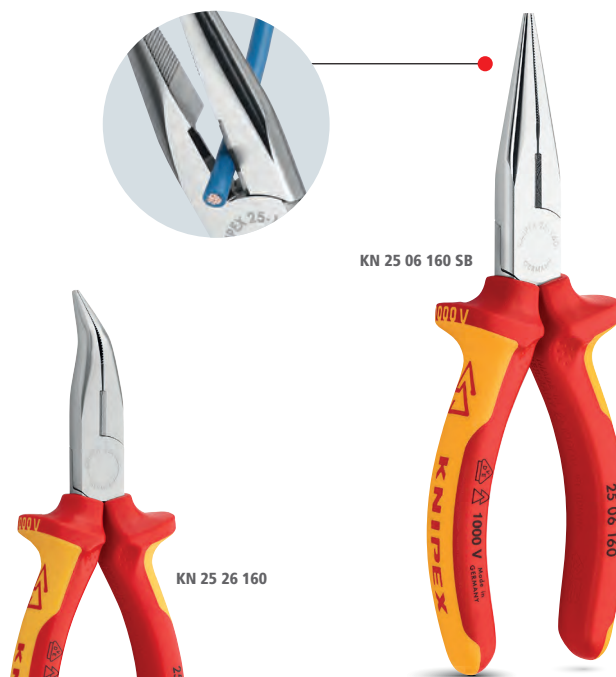


## Snipe Nose Side Cutting Pliers 1000V

### (RADIO PLIERS)

- > Half-round, long, tapered jaws
- > Suitable for finer gripping and cutting work, also on easy and semi-difficult to reach areas
- > Knurled gripping surfaces
- > With cutting edges for soft, medium-hard and hard wire
- > Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC



Article No.	 Ø mm	 Ø mm
KN 25 06 160 SB	2.5	1.6
KN 25 26 160	2.5	1.6

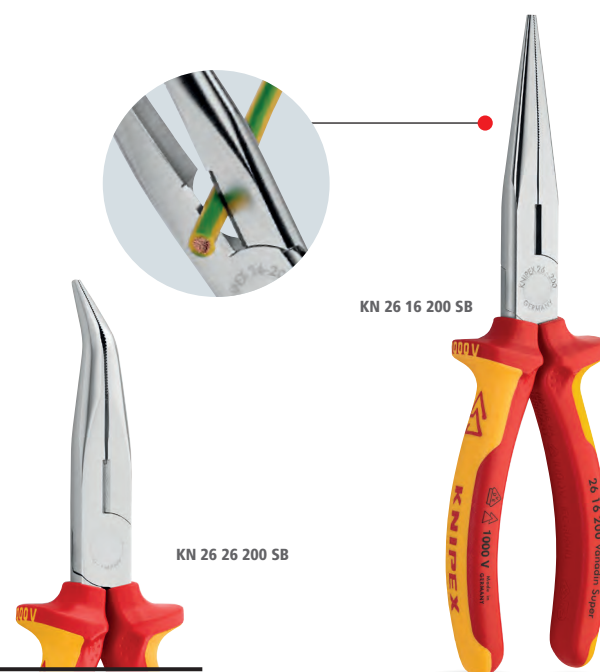


## Snipe Nose Side Cutting Pliers 1000V

### (STORK BEAK PLIERS)




- > Elastic tips: dimensionally stable even when twisted
- > Distortion-tolerant, elastic precision tips
- > Half-round, long, tapered jaws
- > With cutting edges (hardness approx. 61 HRC) for soft, medium-hard and hard wire
- > Vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 5745, DIN EN 60900, IEC 60900

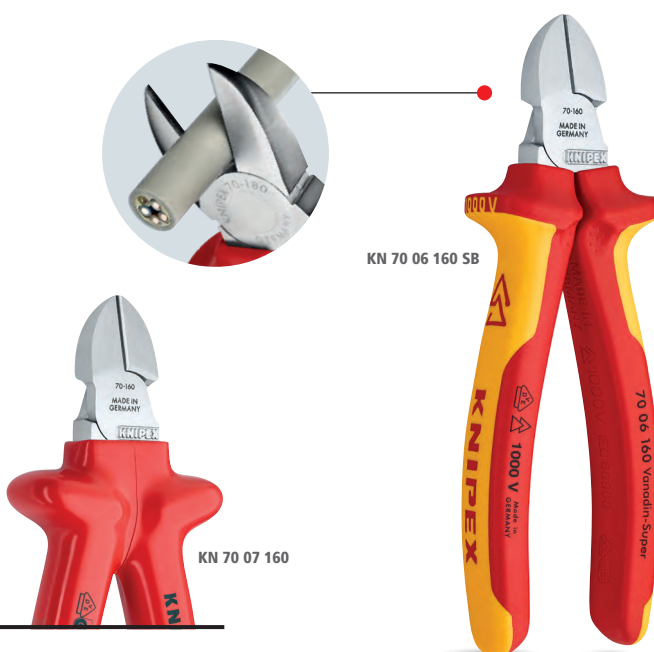
Article No.	 Ø mm	 Ø mm
KN 26 16 200 SB	3.2	2.2
KN 26 26 200 SB	3.2	2.2



## Diagonal Cutter 1000V

- > Narrow head style for use in confined areas
- > With elongated cutting edge
- > The indispensable diagonal cutter for all-round use
- > High-quality material and precise workmanship for long service life
- > Precision cutting edges for soft and hard wire

Article No.	 Ø mm	 Ø mm	 Ø mm
KN 70 06 160 SB	4.0	3.0	2.0
KN 70 06 180 SB	4.0	3.0	2.5
KN 70 07 160	—	3.0	2.0
KN 70 07 180	—	3.0	2.5





## **KNIPEX X-Cut®**

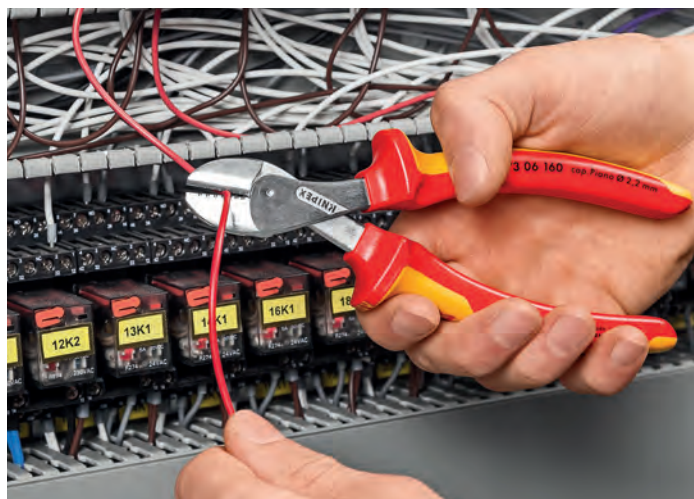
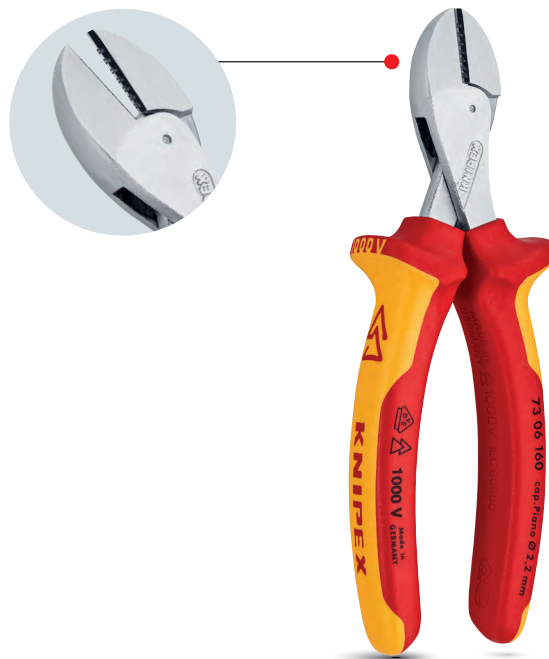
 1000 V

### **COMPACT DIAGONAL CUTTERS**






- ▶ Cuts finest strands as well as multi-core cables and piano wires

- ▶ Powerful, light and universal

- > High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio
- > Box-joint design: highest stability with low weight
- > Doubly supported joint axis for heavy duty
- > Large opening width for thicker cables
- > Cuts precisely, even through fine copper wires
- > Compact, low-weight construction
- > Universally usable, in the assembly, maintenance and production
- > Precision cutting edges also induction-hardened (hardness approx. 62 HRC), for all wire types including piano wire



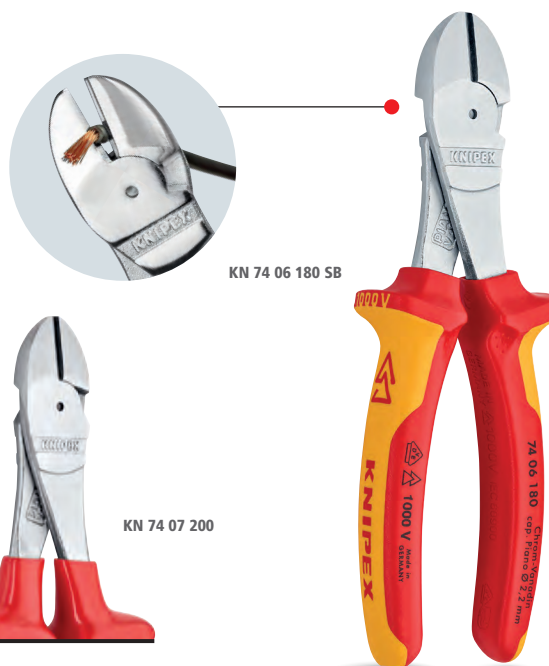
PATENTED




Article No.	 Ø mm	 Ø mm	 Ø mm	 Ø mm	 Ø mm
KN 73 06 160 SB	4.8	3.8	2.7	2.2	12.0

## **High Leverage Diagonal Cutter**

 1000 V

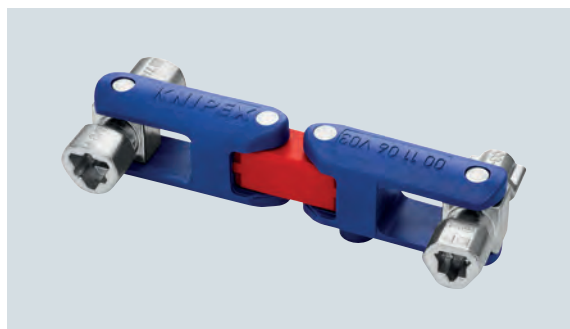
- > For very tough, continuous use
- > High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio
- > Precision cutting edges additionally induction-hardened (cutting edge hardness approx. 64 HRC), for all sorts of wire including piano wire






Article No.	 Ø mm	 Ø mm	 Ø mm
KN 74 06 180 SB	3.8	2.7	2.2
KN 74 06 200 SB	4.2	3.0	2.5
KN 74 06 250	4.6	3.5	3.0
KN 74 07 200	4.2	3.0	2.5
KN 74 07 250	4.6	3.5	3.0

## Control Cabinet Key "DoubleJoint"

- > For locking systems in electrical engineering, the supply of gas and water, air conditioning and ventilation systems, industry, technical installations in buildings, etc.
- > With bit adapter for 1/4" bits with magnet
- > Four different zinc die-cast key profiles in a single key

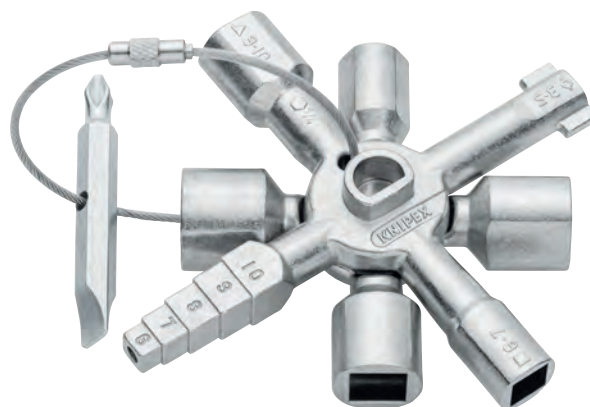


Article No.	 Ø mm	 Ø mm	 Ø mm
KN 00 11 06 V03	5–8	7–9	3–5

## KNIPEX TwinKey®

### CONTROL CABINET KEY FOR ALL STANDARD CABINETS AND SHUT-OFF SYSTEMS

- > 10 profiles. 2 crosses. 1 key.
- > All common locking systems
- > Multifunctional key for the actuation of locking systems from the areas of facilities engineering (heating and sanitation, air conditioning, electro technology), gas and water supply and shut-off-systems



PATENTED

Article No.  
KN 00 11 01





## **KNIPEX Cobra® Set**

### **HIGH-TECH WATER PUMP PLIERS IN A SET: PLIERS IN SPACE-SAVING ROLL-UP BAG**

- ▶ The KNIPEX Cobra® are the legendary high-tech water pump pliers from KNIPEX
- ▶ With their extremely strong self-locking effect, they allow energy-saving work without slipping on the workpiece
- > High-quality tool roll made from durable polyester fabric with hook-and-loop fastener
- > These sets each contain three high-tech water pump pliers of different sizes with slim, plastic-coated handles
- > Dimensions, open (L x H): 430 x 325 mm



#### **Article No.**

KN 19 55 S8	KNIPEX Cobra® Set, 3 Parts	
	88 01 180	KNIPEX Cobra® High-Tech Water Pump Pliers
	88 01 250	
	88 01 300	

## **KNIPEX TwinGrip Slip Joint Pliers set**

### **SLIP JOINT PLIERS IN A SET: PLIERS IN SPACE-SAVING ROLL-UP BAG**

- ▶ Gripping, tightening and loosening screws with worn heads and threads
- ▶ Work efficiently thanks to a unique combination: Front grip and side grip function, box joint, push button adjustment
- > High-quality tool roll made from durable polyester fabric with hook-and-loop fastener
- > These sets each contain three slip joint pliers of different sizes with slim, plastic-coated handles
- > Dimensions, open (L x H): 430 x 325 mm



#### **Article No.**

00 19 61 V01	KNIPEX TwinGrip Set, 3 Parts	
	82 01 150	KNIPEX TwinGrip Front and side gripping pliers
	82 01 200	
	82 01 250	

## **KNIPEX** **Alligator® Set**

- > Tools in a plastic deep-drawn tray with transparent lid
- > Pliers with polished heads; handles with non-slip plastic coating
- > Attractive sales packaging with Euro standard perforation
- > Dimensions (W x H x D): 170 x 370 x 40 mm



## **Electric Set**

- > Tools in a plastic deep-drawn tray with transparent lid
- > Pliers VDE-tested in conformance with DIN EN/IEC 60900 1000V, pliers chrome-plated, handles with multi- component grips
- > Attractive sales packaging with Euro standard perforation
- > Dimensions (W x H x D): 170 x 370 x 40 mm



⚡ 1000 V

### **Article No.**

<b>KN 00 20 09 V03</b>	KNIPEX Alligator® Set, 3 parts	
88 01 180	KNIPEX Alligator® Water Pump Pliers	
88 01 250		
88 01 300		

### **Article No.**

<b>KN 00 20 12</b>	Electric Set, 3 parts	
03 06 180	Combination Pliers Snipe Nose Side Cutting Pliers (Stork Beak Pliers) Diagonal Cutter	
26 16 200		
70 06 160		

## **VDE Screwdriver Set**

- > Tools in a plastic deep-drawn tray with transparent lid
- > Attractive sales packaging with Euro standard perforation
- > Burnished tip, insulating multi-component handle, VDE-tested
- > Dimensions (W x H x D): 170 x 370 x 40 mm



⚡ 1000 V

## **Electrical Installations Set**

- > Tool Sets in a blister
- > This set equips the electrical trade for practically every day-to-day work
- > The KNIPEX ErgoStrip® universal stripping tool, the extremely versatile pliers for electrical installation with cable shears and the powerful diagonal cutter make the perfect team!
- > Dimensions (W x H): 33 x 167 mm



### **Article No.**

<b>KN 00 20 12 V01</b>	VDE Screwdriver Set, 6 parts		<b>Nominal size</b>
98 20 30	Screwdrivers for slotted screws		3.0 mm
98 20 40			4.0 mm
98 20 55			5.5 x 125 mm
98 20 65			6,5 mm
98 24 01	Screwdriver for cross recessed screws, Phillips®		PH1
98 24 02			PH2

### **Article No.**

<b>KN 00 31 30 BK V01</b>	Electrical Installations Set, 3 parts	
13 86 200	Pliers for Electrical Installation KNIPEX ErgoStrip®, Universal Stripping Tool Diagonal Cutter	
16 95 01		
70 06 160		



## Tool Case "Basic"

- > Two metal flip locks and a three-digit combination lock for secure locking of the cover
- > Max. payload: 15 kg, volume: 27 litres
- > Document compartment in the cover
- > Two removable tool boards made of dirt-repellent PP twin-fall sheets with 21 tool pockets
- > Base tray, can be fixed by press button, height 50 mm, can be subdivided by inserts; cover plate with 12 large compartments and a flat compartment
- > With a total of 41 inserting options
- > Dimensions, exterior (interior) (W x H x D): 465 (440) x 200 (180) x 410 mm (350) mm



Article No.  
KN 00 21 05 LE

## Tool Bag "LightPack"

- > Max. payload: 20 kg
- > Can be opened from both sides
- > Made from tough polyester fabric, with zip fasteners and hook-and-loop fastener
- > Tool loops inside
- > Plastic base tray
- > Steel handle with softgrip
- > Shoulder strap (can also be used as belt)
- > Dimensions (W x H x D): 300 x 300 x 380 mm



Article No.  
KN 00 21 08 LE

## Tool bag "Service"

### EVERYTHING YOU NEED: STORE YOUR TOOLS AND NOTEBOOK SAFELY

- > Lined inside pouch for notebook and DIN A4 documents; also with DIN A4 zipped compartment
- > 90° fold-out front pouch with 8 tool pouches and one small inside pouch
- > Reverse side of the front pouch with 5 tool pouches and 3 pen pouches
- > Removable tool board with 8 tool pouches on the front and 2 rows of elastic loops on the back
- > Adjustable shoulder belt with quick-release fastener
- > Dimensions, exterior (interior) (W x H x D): 460 (410) x 310 (300) x 240 mm



Article No.  
KN 00 21 10 LE

## KNIPEX Modular X18

**LIGHT, FLEXIBLE AND UNIQUE: THE MODULAR TOOL BACKPACK FOR ALL THOSE WHO MAKE NO COMPROMISES IN THEIR WORK**

- ▶ Fits you and your tools: practical and comfortable due to fully hinged front and back, removable tool board and padding for your back
- ▶ As individual as you are: optimal flexibility due to innovative FIDLOCK® connectors and MOLLE webbing
- ▶ Fit for any challenge: with two separate inner compartments for tools, measuring instruments, notebook or tablet

- > Durable fabric made of sustainable recycled synthetic fibers, splash-proof and easy to clean
- > Waterproof molded bottom made of impact-resistant plastic for a secure upright position when opened and closed, 6 cm high
- > One MOLLE strap on the inside and four MOLLE straps on the outside for attaching any adapters, carabiners and accessories
- > FIDLOCK® connections are fastened or unfastened in no time at all
- > A total of 21 retaining loops and 37 pockets, some with zips
- > Luggage strap for fixing to telescopic handles of tool cases
- > 53 x 34 x 21 cm (H x W x D), empty weight 2.9 kg, tested load capacity up to 15 kg



Removable, half-height tool panel



Separate laptop compartment



FIDLOCK® adapter with fabric loop



Carabiners or FIDLOCK® adapters can be attached to the MOLLE straps and combined in almost any way



Further information on the tool backpack



Article No.  
KN 00 21 50 LE



## KNIPEX Modular X18 Electric

### CONVENIENT TRANSPORT OF THE MOST IMPORTANT TOOLS FOR THE ELECTRICAL TRADE

- Equipped with 16 KNIPEX tools, a total of 22 brand tools, partly VDE-tested according to DIN EN 60900
- Max. payload: 15 kg
- Volume: 18 litres



#### Contents

00 11 01 KNIPEX TwinKey®		70 06 160 KNIPEX		98 25 01 SLS KNIPEX		Wera 9 pieces	
08 26 185 KNIPEX		78 06 125 KNIPEX		98 20 35 SL KNIPEX		Stabila	
12 52 195 KNIPEX PreciStrip16		90 22 10 KNIPEX Bix®		98 20 55 SL KNIPEX		Stabila	
13 86 200 KNIPEX		97 53 14 KNIPEX		98 52 KNIPEX		Lyra	
16 95 01 KNIPEX ErgoStrip®		98 25 01 SL KNIPEX		KNIPEX			
26 26 200 KNIPEX		98 25 02 SL KNIPEX		Picard		Article No. KN 00 21 50 E	



# Exclusive to **TIS**

## Solar MC4® Crimping Kit

**KIT COMPRISES OF KN 00 21 15 LE – RED KNIPEX TOOL BOX**

- > KN 97 43 200 A – Crimp System Pliers for exchangeable crimping dies with multi-component grips burnished 200 mm
- > KN 97 49 66 2 – Set of Mounting Tools for solar cable connectors MC4® (Multi-Contact) 115 mm
- > KN 97 49 71 – Crimping die for solar cable connectors MC4® (Multi-Contact) MC4® 4.0 mm – 10.0 mm
- > KN 97 49 71 1 – Locator for KN 97 49 71 (solar connectors MC4®)



## Electricians Starter Kit

**KN 00 21 12 LE-00- KNIPEX BAG**

- > TIS 850 SIKIT – Voltage & Continuity Complete Safe Isolation Kit (TIS 850, TIS PU1, TIS PUK, TIS BKIT)
- > TIS 934 – 50V – 1000 V Audible Voltstick
- > TIS 1000 – Audible Socket Tester
- > KN 16 95 01 SB – KNIPEX ErgoStrip®, Right Handed
- > KN 13 86 200 SB – KNIPEX 5-1 Electrical Installation Pliers
- > KN 70 06 160 SB – KNIPEX 160 mm VDE Diagonal Cutters



MC4® is a registered trademark of Stäubli Electrical Connectors AG



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