





### **KNIPEX TwinGrip Slip Joint Pliers** p. 10

### **KNIPEX BIX® Cutters for plastic pipes** and sealing sleeves

p. 8



### **NEW PRODUCTS 2021**

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#### **KNIPEX Augmented Reality**

More information, photos and videos on the new products for 2021 can be found on the Internet at www.knipex.com or on our social media channels. A first: animated, three-dimensional augmented reality representations!



► KNIPEX BiX®



► Pliers Wrench XS



► KNIPEX CutiX



► KNIPEX TwinGrip



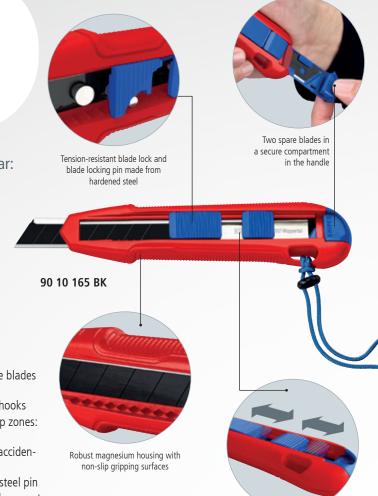


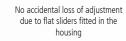


### KNIPEX CutiX Universal knife

A reliable helper with individually adjustable blade stabilisation: The blade cannot be accidentally bent or broken

- ► Innovative and variably extendable stabilisation bar: versatile, precise, and faster cutting
- Exert targeted pressure on the back of the blade without risk of injury, no unintentional bending or breaking of the blade
- ▶ Robust, durable magnesium housing: as light as plastic, strong as die-cast aluminium
- ► Fixed blade due to high-quality blade locking: Secure fit when cutting, pushing and scraping
- > Handy: 165 mm long, weight approx. 111 g
- > Original equipment with high quality snap-off blades with two spare blades in the handle drawer which can be changed without any tools
- > Suitable for standard 18 mm blade types: smooth, curved and with hooks
- > Fits comfortably in the hand due to its slim shape and numerous grip zones: firm and non-slip grip, comfortable hold
- > Flat, ergonomic slides seperately for blade and stabilisation bar, no accidental activation of the slides
- > Realible blade holder: Secure hold of the blade thanks to hardened steel pin
- > When the rear end of the handle is closed, the blade slider and blade cannot slip out
- > Tether attachment point for tool protection with KNIPEX Tethered Tools System









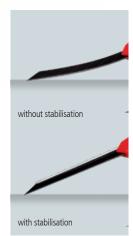
Quickly sharp again: The blades can be switched without any tools by just one push of the button.



Ergonomic shape with numerous grip zones ensures safe and precise work.



The innovative blade stabilisation allows you to apply more secure pressure directly on the blade.



Variable: Depending on your needs, the blade can be used rigidly or flexibly.

| Article no.   | EAN<br>4003773- | <b>∢&gt;</b><br>mm                                    | <b>∆'</b> ∆<br>g |  |  |
|---------------|-----------------|---|------------------|--|--|
| 90 10 165 BK  | 087533          | 165   | 111              |  |  |
| 90 10 165 E01 | 087557          | Spare part set for stabilisation bar for 90 10 165 BK |                  |  |  |



Pliers Wrench XS

# 100 millimetre pure gripping strength

Small. Handy. Versatile.



Original size

### **Pliers Wrench XS**

Although measuring only 100 mm, the width across flats is 21 mm: Tighten and loosen screws gently; workpieces can be reliably held, pressed and bent

- Optimum accessibility, even in confined spaces: particularly compact design, very slim head
- ▶ One-handed fine adjustment by pushing for the simplest adjustment to different workpiece sizes
- > Enormous gripping capacity with a tool length of only 100 mm; parallel jaw opening grips continuously up to 21 mm width across flats
- > Robust sliding joint offers high stability and resilience
- > Smooth jaws for the gentle assembly of sensitive fittings and parts with delicate surface finishes: can be used directly on chrome due to the smooth full-surface contact.
- Versatile areas of application: precision engineering, plumbing, an essential part of any bicycle or motorcycle toolkit, EDC (Every Day Carry), model making
- > The pinch guard helps prevent crushing
- > Fine adjustment with 10 adjustment positions



### Arranged in ascending size - our pliers wrench family



The Pliers Wrench XS is small enough to fit in your pocket, but as useful as a complete mini-ratched set.



Due to the high lever transmission joint, the Pliers Wrench XS grips, presses and holds everything tightly.



86 03 400

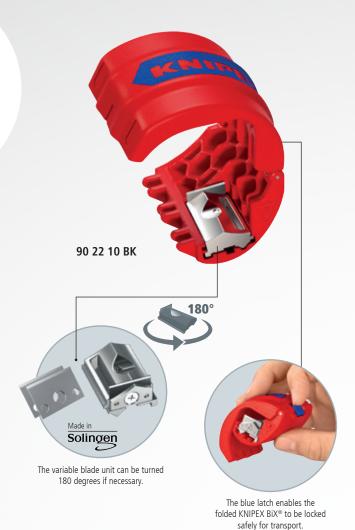
Despite its small size, the Pliers Wrench XS grips nuts and parallel workpieces up to 21 mm safely and gently.

| Article no.    | EAN<br>4003773- | <b>4−→</b> mm | Pliers        | Handles                 | Adjustment positions | Ø Inch | mm | ΔΔ<br>g |
|----------------|-----------------|---------------|---------------|-------------------------|----------------------|--------|----|---------|
| 86 04 100 N    | 087281          | 100           | chrome-plated | embossed, rough surface | 10                   | 3/4    | 21 | 70      |
| 86 04 100 BK N | 087298          | 100           |               | embossed, rough surface | 10                   | 3/4    | 21 | 70      |
| 86 03 125      | 077497          | 125           |               | plastic coated          | 11                   | 7/8    | 23 | 105     |
| 86 03 150      | 069676          | 150           |               |                         | 14                   | 1      | 27 | 175     |
| 86 03 180      | 035466          | 180           |               |                         | 15                   | 1 1/2  | 40 | 230     |
| 86 03 250      | 033837          | 250           |               |                         | 19                   | 2      | 52 | 465     |
| 86 03 300      | 041429          | 300           |               |                         | 24                   | 2 1/2  | 68 | 725     |
| 86 03 400      | 077312          | 400           |               |                         | 25                   | 3 3/8  | 85 | 1460    |

## KNIPEX BiX® Cutters for plastic pipes and sealing sleeves

Practical tool for plumbers and electricians: Cuts plastic pipes and sealing sleeves quickly and efficiently

- 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  $\emptyset$  20 to 50 mm with a wall thickness of up to 2.4 mm
- > Cuts pipes quickly, cleanly and without shavings
- > Cuts sealing sleeves approx. 2-3 mm from the wall
- > 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
- > Tool made of stable, reinforced plastic, die-cast zinc blade unit
- > Blades made of special surgical stainless steel Made in Solingen





Practical, quick and clean: Plastic pipes can be cut in no time and sections are held securely in the tool.

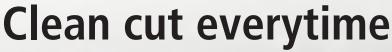
### **Follow DIN 18534 standards in your work right now:** Drip and sealing sleeves protect walls against long-term damage from leaks.



The unique design of the rotating blade unit means that drip and sealing sleeves can be reliably cut 2 to 3 mm from the wall, so that moisture can be safely drawn away.

| Article no.   | EAN<br>4003773- | <b>∢</b> — <b>▶</b> mm | Cutting values for HT and plastic pipes<br>Ø mm | Cutting values for sealing sleeve<br>Ø mm | Δ <b>΄</b> Δ<br>g |  |
|---|-----------------|------------------------|---|---|-------------------|--|
| 90 22 10 BK   | 087311          | 72                     | 20 - 50   | 20 - 50                                   | 108               |  |
| <b>90 22 10 E01 N</b> 087564 Spare blades for 90 22 10 BK |                 |                        |   |   |                   |  |

KNIPEX BiX® – Cutters for plastic pipes and sealing sleeves





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

The all-purpose solution for stuck workpieces, such as bolts and screws

### from 09.2021



82 01 200

- Unique combination: Front grip and side grip function, box-joint, push-button adjustment
- Very slim pliers let you work even in confined installation spaces with a narrow turning zone for fast results
- High-grip front jaw with robust teeth and high gear ratio at the tip of the mouth
- > Large front and side gripping capacity for diameters and widths across flats 4 22 mm
- > Reliable front gripping of flat workpieces due to the three-point system
- > Gripping, tightening and loosening screws with worn heads and threads
- > Five-way adjustable slip joint with push-button adjustment for precise adjustment of gripping capacity
- > Pinch stop reduces the risk of crushed fingers
- > Durable and resilient due to the robust box-joint
- > Forged from high-grade chrome vanadium electric steel, oil-hardened, teeth additionally induction-hardened to approx. 61 HRC





The KNIPEX TwinGrip allows the gripping capacity to be set flexibly in five positions...



...and the position to be changed quickly at the touch of a button!



The box-joint is robust and flexible, so that the pliers can hold workpieces between 4 and 22 mm in place.

| Article no.    | EAN<br>4003773- | <b>4−▶</b> mm | Pliers       | Head     | Handles               | Adjustment positions | O]<br>Ø Inch |      | Inch       | mm     | ∆<br>d<br>g |
|----------------|-----------------|---------------|--------------|----------|-----------------------|----------------------|--------------|------|------------|--------|-------------|
| 82 01 200 N    | 087243          | 200           |              |          | with non-slip plastic |                      | 5/32 - 7/8   | 4-22 | 5/32 - 7/8 | 4-22   | 270         |
| 82 01 200 SB N | 087571          | 200           | black        | coating  |                       | 5                    | 5/32 - 7/8   | 4-22 | 5/32 - 7/8 | 4-22   | 270         |
| 82 02 200 N    | 087250          | 200           | atramentized | polished | with multi-component  | 5                    | 5/32 - 7/8   | 4-22 | 5/32 - 7/8 | 4 - 22 | 280         |
| 82 02 200 SB N | 087588          | 200           |              |          | grips                 | 5                    | 5/32 - 7/8   | 4-22 | 5/32 - 7/8 | 4 - 22 | 280         |



### Tool Case "Robust23 Start" **Electric**

Robust tool case with basic equipment for mobile electrical professionals



▶ Equipped with 6 KNIPEX tools, a total of 24 brand tools

▶ For the toughest operating conditions: dust-tight, waterproof and temperature resistant

► Max. payload: 25 kg

▶ Volume: 23 litres

> Fit-to-fly case, made from impact-resistant polypropylene

> Tool panels made of dirt-repellent PP twin-wall sheets with tool pockets and straps

> Base tray with aluminium divider

> Air pressure compensation valve

> Temperature-resistant from - 30°C to +80° C

> Padlock eyelets

> Dimensions exterior (W x H x D): 470 x 370 x 190 mm dimensions interior (W x H x D): 437 x 307 x 172 mm

### Plenty of storage space:

The dividable bottom compartment offers plenty of space for additional tools, measuring equipment and consumables!



individual partitioning of the base compartment

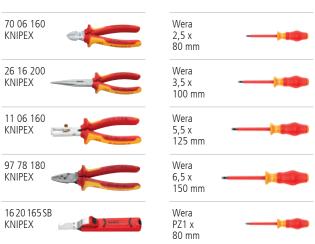


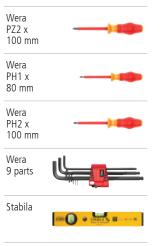
Air pressure compensation valve



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

#### **Content overview**







Extra plus: with KNIPEX ErgoStrip® Universal Stripping Tool 16 95 01



Bad weather? No problem: The "Robust23 Start" Electric is temperature resistant, dust and waterproof.



Stability means versatility: if the worst comes to the worst, the "Robust23 Start" Electric can even be used as a seat.

| Article no.      | EAN<br>4003773- |                         |   |   |         | Quantity | Nominal size | g |
|------------------|-----------------|-------------------------|---|---|---------|----------|--------------|---|
| 00 21 34 HL S2 N | 087366          |                         | Tool Case "Robust23 Start" Electric, 24 parts |   |         |          |              |   |
|                  |                 | <b>≙1000V⊖▶4</b> ■■     | 26 16 200                                     | Snipe Nose Side Cutting Pliers              |         | 1        | 200 mm       |   |
|                  |                 | <u>A</u> 1000 V ▶◀      | 70 06 160                                     | Diagonal Cutter                             |         | 1        | 160 mm       |   |
|                  |                 | <u>A</u> 1000 V /////   | 11 06 160                                     | Insulation Stripper with opening spring     | KNIPEX  | 1        | 160 mm       |   |
|                  | 4               | <u>A</u> 1000 V <u></u> | 97 78 180                                     | Crimping Pliers for wire ferrules           |         | 1        | 180 mm       |   |
|                  |                 | MM                      | 16 95 01 SB                                   | KNIPEX ErgoStrip®, Universal Stripping Tool |         | 1        | 135 mm       |   |
|                  |                 | MM                      | 16 20 165 SB                                  | Dismantling Tool                            |         | 1        | 165 mm       | n |
|                  |                 | •                       |   | Screwdriver for screws                      |         | 1        | PH1 x 80 mm  |   |
|                  |                 | 0                       |   | Screwdriver for screws                      |         | 1        | PH2 x 100 mm |   |
|                  |                 | 0                       |   | Screwdriver for screws, pozidriv®           |         |          | PZ1 x 80 mm  |   |
|                  |                 | 0                       |   | Screwdriver for screws, pozidriv®           |         | 1        | PZ2 x 100 mm |   |
|                  |                 | •                       |   | Screwdriver for slotted screws              | Wera    | 1        | 2,5 x 80 mm  |   |
|                  |                 | •                       |   | Screwdriver for slotted screws              |         | 1        | 3,5 x 100 mm |   |
|                  |                 | •                       |   | Screwdriver for slotted screws              |         | 1        | 5,5 x 125 mm | _ |
|                  |                 | <b>0 0</b>              |   | Screwdriver for slotted screws              |         | 1        | 6,5 x 150 mm |   |
|                  |                 |                         |   | Set of hex key wrenches                     |         | 1        | 1,5 - 10 mm  |   |
|                  |                 |                         |   | Spirit level type 70TM                      | Stabila | 1        | 430 mm       |   |

### Mini Pliers Set XS in Belt Pouch

Great things sometimes come in small packages

Compact. Practical. Robust.

Always to hand, always useful: Pliers Wrench XS and KNIPEX Cobra<sup>®</sup> XS in a practical belt pouch

► Tool bag made from durable polyester fabric, with hook-and-loop fastener and belt loop

> With pliers wrench XS: 100 mm tool length, parallel jaw opening gently grips up to 21 mm width across flats

> With KNIPEX Cobra® XS: 100 mm tool length, grips round workpieces up to 28 mm, with self-locking effect

> Dimensions (W x H x D): 30 x 110 x 45 mm



00 19 72 XS LE





Large capacity, precise grip: As the jaws always grip in parallel, the Pliers Wrench XS is particularly gentle on hex heads with decorative finishes in sizes up to 21 mm width across flats.





Amazing flexibility: The self-locking effect of the KNIPEX Cobra $^{\circ}$  XS enables it to grip round materials up to Ø 28 mm extremely reliably — and, due to its very slim head, it can also hold small components in place.



Both tools are held securely in the practical tool bag due to a robust hook-and-loop fastener — and yet close at hand.

| Article no.       | EAN<br>4003773- |                    |                        |  |   | Quantity | Δ̈́Δ<br>g |  |  |
|-------------------|-----------------|--------------------|------------------------|--|---|----------|-----------|--|--|
| 00 20 72 V04 XS N | 087328          |                    | Mini pliers se         | Mini pliers set XS in tool belt pouch, 2-piece |   |          |           |  |  |
|                   |                 |                    | 86 04 100              | N  | Pliers Wrench XS                              | 1        |           |  |  |
|                   |                 | PATENTED           | 87 00 100              |  | KNIPEX Cobra® XS, High-tech Water Pump Pliers | 1        |           |  |  |
|                   |                 |                    |                        |  |   |          |           |  |  |
| 00 19 72 XS LE N  | 087335          | Belt tool pouch, e | Belt tool pouch, empty |  |   |          |           |  |  |

### Symbols

| ,                                      |   |             |                                |                                       |   |
|--|---|-------------|--------------------------------|---------------------------------------|---|
|  | Packing unit  |             | Hexagonal crimp                | $\circ$                               | Retaining ring, diagonal  |
| SB/BK                                  | Carded pliers with euro holes   |             | Square crimp                   | Ö                                     | Grip ring   |
| ESD                                    | Electrostatic discharging, dissipative  |             | Tyco crimp                     |                                       | Flat jaws   |
| <b>☆1000 V</b>                         | Insulated according to IEC 60900, usable up to 1000 V AC/1500 V DC                | <u> </u>    | Western crimp                  |                                       | Flat and pointed jaws   |
| Ø¥ GS                                  | VDE tested, also in compliance<br>with GPSG (Equipment and Product<br>Safety Act) | V           | Trapezoidal crimp front        | $\Theta$                              | Half-round jaws   |
| <b>\Delta</b>                          | Cu- + Al-multi-conductor cable,<br>solid and multi-stranded                       | 0           | Hexagon                        | 8                                     | Round jaws  |
|  | Wire rope   | 0           | Hexagonal screw                | 4                                     | Angle   |
| (************************************* | Ribbon cable  |             | Slotted screw                  |                                       | Smooth gripping surfaces  |
|  | Steel wire armoured cable (SWA)   | 0           | Cross recessed screw           |                                       | Smooth-serrated gripping surfaces   |
|  | ACSR cable  | •           | PlusMinus cross recessed screw |                                       | Knurled gripping surfaces   |
|  | Soft wire   |             | Pozidriv cross recessed screw  |                                       | Cross-hatched, knurled gripping surfaces                                    |
| •                                      | Medium hard wire  | 0           | Torx                           | <b>D4</b>                             | Centre cutter   |
| •                                      | Hard wire   | 3/8"        | With driving square 3/8"       |                                       | Cutting edges with bevel  |
| •                                      | Piano wire  | 1/2"        | With driving square 1/2"       |                                       | Cutting edges with small bevel  |
| <b>•</b>                               | Square crimp automatic  | 3/8"        | Internal square 3/8"           |                                       | Cutting edges with very small bevel   |
|  | Hexagonal crimp automatic   | 1/2"        | Internal square 1/2"           |                                       | Cutting edges without bevel   |
| ×                                      | Four mandrel crimp  |             | Hexagonal socket               |                                       | For flush cut of soft materials   |
|  | Mandrel crimp   | 0           | 12-point                       | E E E E E E E E E E E E E E E E E E E | Mechanically tested in accordance with the Equipment and Product Safety Act |
|  | Trapezoid crimp   | WW          | With opening spring            | C€                                    | Conforms to a European directive  |
|  | Oval crimp  | <b>&gt;</b> | With lead catcher              | <u> </u>                              | WEEE marking (Waste Electrical and Electronic Equipment Directive)          |
|  | F-crimp   | 0           | Internal circlip               |                                       |   |
|  | Trapezoid indent crimp  | $\bigcirc$  | Externel circlip               |                                       |   |
| w                                      | W-crimp   | 0           | Retaining ring, straight       |                                       |   |
|  |   |             |                                |                                       |   |

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