

**HAVE A GRIP ON EVERYTHING!**  
**...the new kwb range of pliers for everyone.**



## Pliers



### The benefits of pliers

- pliers with ergonomically shaped grips with 2-component construction
- user-friendly and comfortable working
- almost play-free joint for easy and consistent opening and closing of the plier jaws
- The Professional series is made of blanks forged in Germany

### Range overview pliers



#### Professional pliers

**Professional ★★★★★**

High-quality tempered tool steel from Germany, fine polished, glare-free, box joints, carbon steel forged in Germany, 2-component grip for three-way slip protection, for optimal power transfer and fatigue-free working

Page 6 – 7



#### DIY pliers

**High Quality ★★★★★**

CV steel, matt satin finish, box joint, 2-component grip for optimal power transfer and fatigue-free working

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#### DIY pliers, special offers

**Quality ★★★**

Matt chromium finish, box joints, 2-component grip for optimal power transfer and fatigue-free working

Page 14



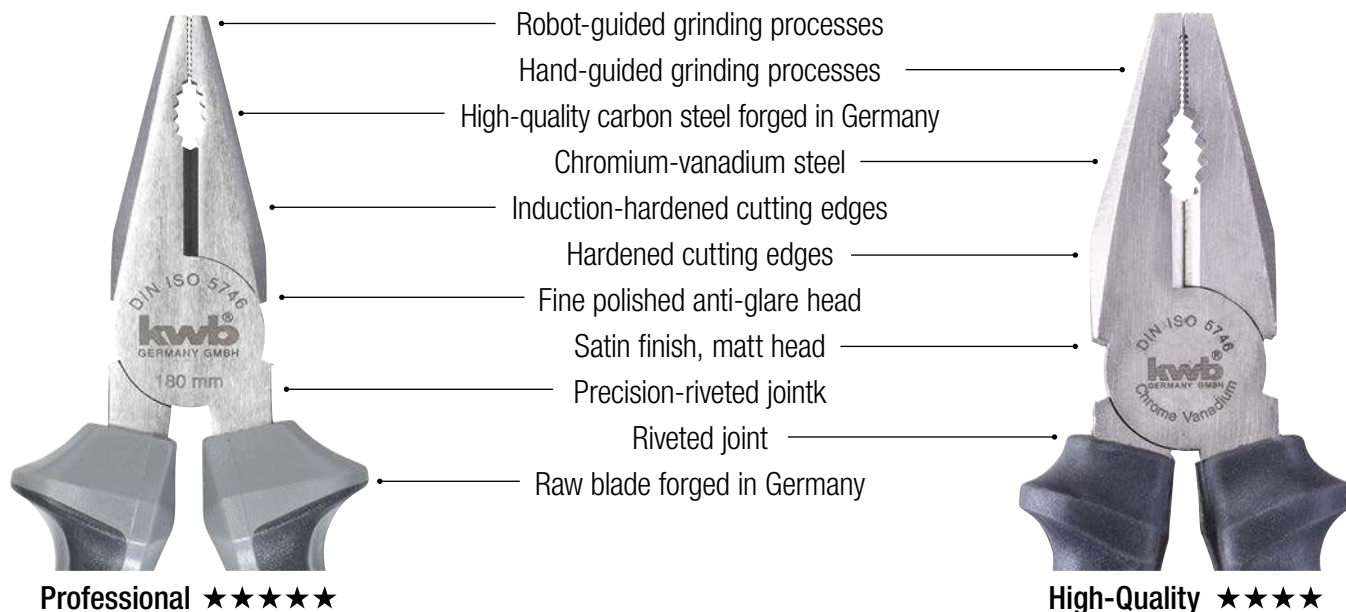
#### Electronic pliers

**High Quality ★★★★★**

CV steel, anti-glare satin finish, 2-component grip for optimal power transfer and fatigue-free working, self-opening, especially for working with electronic components and in precision engineering.

Page 18 – 19

## Technical terms



### VDE pliers

**Professional ★★★★★**

High-quality tempered tool steel from Germany, fine polished, anti-glare, box joints, carbon steel forged in Germany, 2-component grip with slip guard, for optimal power transfer and fatigue-free working, especially for working on electrical installations, protect up to 1000 volts AC or 1500 volts DC.



Page 16

### kwb-Info

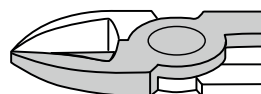
#### VDE insulation- safe working on live electrical installations

There are strict health and safety standards relating to work on live electrical installations, such as the German DIN VDE 0105 or the international EN 50110 as well as IEC 60364, kwb tools which bear the special **1000 V** symbol are authorised for live working use up to 1000 V AC.

## Joint types

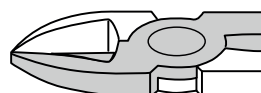
### Overlaid joint

Both halves of the plier lie against each other without any overlap



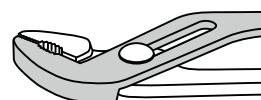
### Box joint

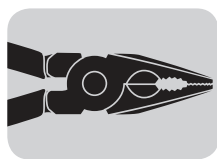
Both halves of the plier overlap at the joint so that they are fully interlocked



### Groove joint

One half of the plier is grooved. The other half can fit into any of the grooves. The joint can withstand high loading, because the link bolt is capped both ends, and supported on both sides.





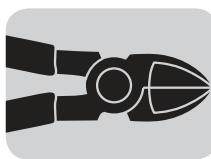
### Combination pliers

Combines the functions of several tools in one. Grips like a flat nose plier, cuts like a side cutter, and holds like a pipe wrench.

Page 6, 11, 14

**VDE-Combination pliers**

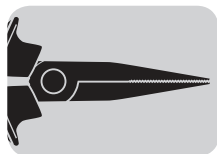
Page 16



### Heavy duty side cutter

Suitable for thick wire, hardened steel wire and cables. Requires minimal effort to cut these.

Page 11



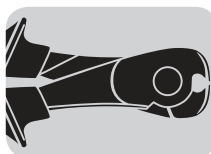
### Flat nose pliers

Two roughened flat jaws for gripping and holding objects. Due to the wider end stronger holding force can be applied.

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**Electronic flat nose pliers**

Page 18



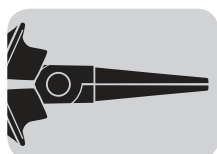
### Heavy duty end cutter

Is a plier for cutting wire and cables. For electrical work, for flush cutting of cable strands, also in difficult-to-reach areas such as distribution boxes.

Page 11

**Electronic front cutter**

Page 19



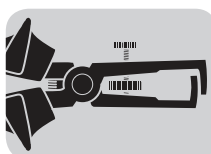
### Round nose pliers

With its round, conically shaped jaws especially for bending wire and shaping it into loops etc.

Page 10

**Electronic round nose pliers**

Page 18



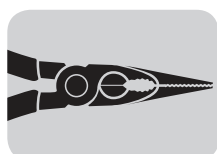
### Wire stripping pliers

Tool for easy stripping of cable insulation. Removes the outer insulation without damaging the inner conductor in the process.

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**VDE wire stripping pliers**

Page 18



### Radio/ telephone pliers

Roughened flat jaws for gripping and holding objects. Due to the wider end greater holding force can be applied.

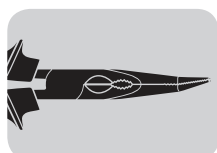
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### Waterpump pliers

Grip plier with adjustable slip joint. For holding pipes, sleeves, and all types of nuts and bolts

Page 7, 12



### Radio/ telephone plier, bent nose

Page 6, 10

**Electronic telephone pliers**

Page 19

**VDE telephone pliers**

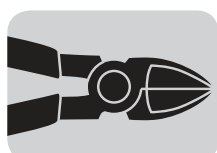
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### Box joint waterpump pliers

Grip plier with adjustable, grooved joint. For precise working and holding of pipes, sleeves and all types of nuts and bolts.

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### Side cutter

Is a plier for cutting wires and cables. For electrical work, for cutting single strands of conductors.

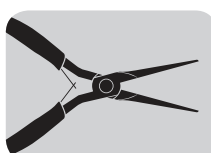
Page 6, 11, 14

**Electronic side cutter**

Page 18

**VDE side cutter**

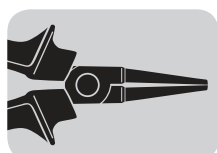
Page 16



### Electronic pointed nose pliers

Especially suited for holding and positioning, because of the long pointed profile parts can be manipulated in confined spaces.

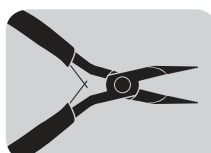
Page 18



### Chain nose pliers

For fine assembly work, for gripping, holding and bending, for opening chain links.

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### Electronic precision pliers

With cutter, for working with electronic components and in precision engineering, especially suitable for holding, positioning and cutting.

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# PROFESSIONEL PLIERS



...always the right tool!

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## Radio/ telephone pliers, straight

PROFESSIONAL ★★★★★



Shape of pliers acc. to DIN ISO 5745, straight shape, raw blade forged in Germany, fine polished anti-glare carbon steel, flat-round jaws with serrated grip surface, 2-component grip for optimal power transfer and fatigue-free working, cutting edges additionally induction-hardened, suitable for smaller gripping and cutting jobs. Very high quality for a long service life.

| Art.-No. | mm     |  |   | Barcode         |
|----------|--------|--|---|-----------------|
| 382120   | 160 mm |  | 2 | 4 009313 821209 |
| 382320   | 200 mm |  | 2 | 4 009313 823203 |

## Bent long nose pliers

PROFESSIONAL ★★★★★



Shape of pliers acc. to DIN ISO 5745, 45 degree bent nose, raw blade forged in Germany, fine polished anti-glare carbon steel, serrated grip surface and serrated opening, with cutter, 2-component grip for optimal power transfer and fatigue-free working, suitable for smaller gripping and cutting jobs, cutters additionally induction-hardened. Very high quality for a long service life.

| Art.-No. | mm     |  |   | Barcode         |
|----------|--------|--|---|-----------------|
| 382620   | 200 mm |  | 2 | 4 009313 826204 |

## Side cutter

PROFESSIONAL ★★★★★



Shape of side cutting pliers acc. to DIN ISO 5749, for fine and normal wire, raw blade forged in Germany, fine polished anti-glare carbon steel, box joint, 2-component grip for optimal power transfer and fatigue-free working, for cutting of wires and nails, cutters additionally induction-hardened. Very high quality for a long service life.

| Art.-No. | mm     |  |   | Barcode         |
|----------|--------|--|---|-----------------|
| 383120   | 160 mm |  | 2 | 4 009313 831208 |

## Combination pliers

PROFESSIONAL ★★★★★



Shape of combination pliers acc. to DIN ISO 5746, raw blade forged in Germany, fine polished anti-glare carbon steel, 2-component grip for optimal power transfer and fatigue-free working, with grip zones for flat and round workpieces for multi-purpose use, with flat cutters and bevelled edges, cutters additionally induction-hardened, for hard and soft wire. Very high quality for a long service life.

| Art.-No. | mm     |  |   | Barcode         |
|----------|--------|--|---|-----------------|
| 386220   | 160 mm |  | 2 | 4 009313 862202 |
| 386320   | 180 mm |  | 2 | 4 009313 863209 |
| 386420   | 200 mm |  | 2 | 4 009313 864206 |

## Professional pliers

### Waterpump pliers

PROFESSIONAL ★★★★★

Shape of water pump pliers acc. to DIN ISO 8976, box joint, with crush protection, raw blade forged in Germany, carbon steel, surface grey, partly polished, 2-component grip for optimal power transfer and fatigue-free working, grip surface serrated, 7-stage adjustment, for holding all kinds of large diameter items. Very high quality for a long service life.

| Art.-No. |  mm |  |  | Barcode                                                                           |
|----------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 387720   | 250 mm                                                                               |  | 2                                                                                 |  |



### Wire stripping pliers

PROFESSIONAL ★★★★★

Shape of insulation strippers acc. to DIN ISO 5743, raw blade forged in Germany, fine polished anti-glare carbon steel, 2-component grip for optimal power transfer and fatigue-free working, with spring and adjusting screw, continuously adjustable, for single-multi- and fine-stranded conductors with plastic or rubber insulation. Very high quality for a long service life.

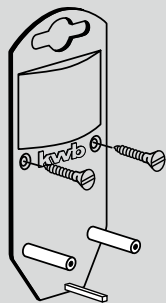
| Art.-No. |  mm |   |  | Barcode                                                                             |
|----------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 388020   | 160 mm                                                                                |  | 2                                                                                  |  |



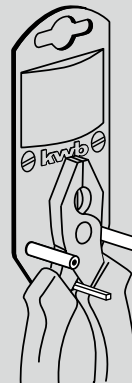
...always the right tool!

## PACKAGING CLIP CAN BE USED AS CONVENIENT TOOL HOLDER

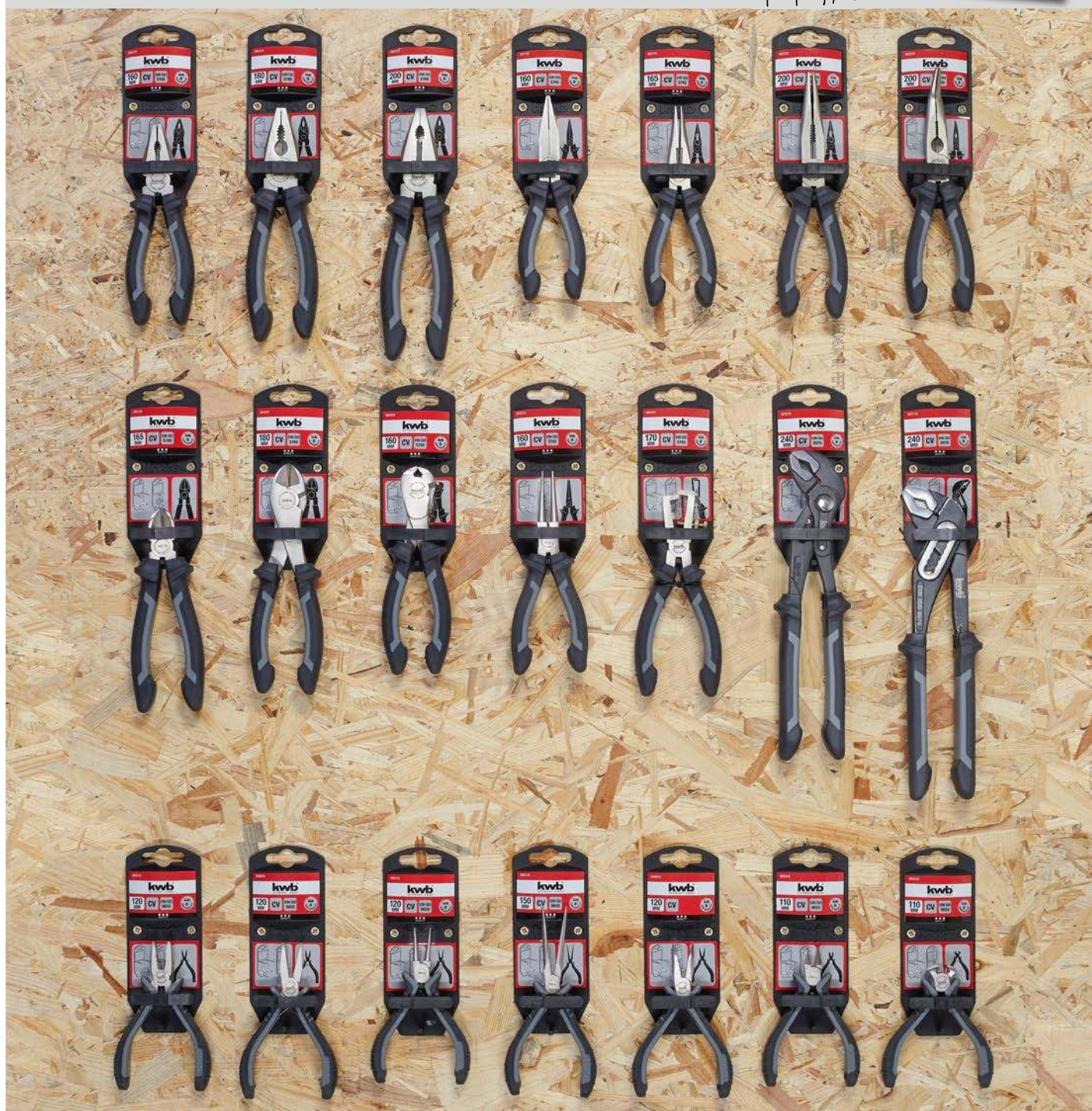
Simply fix the clip with 2 screws  
on the tool wall ...



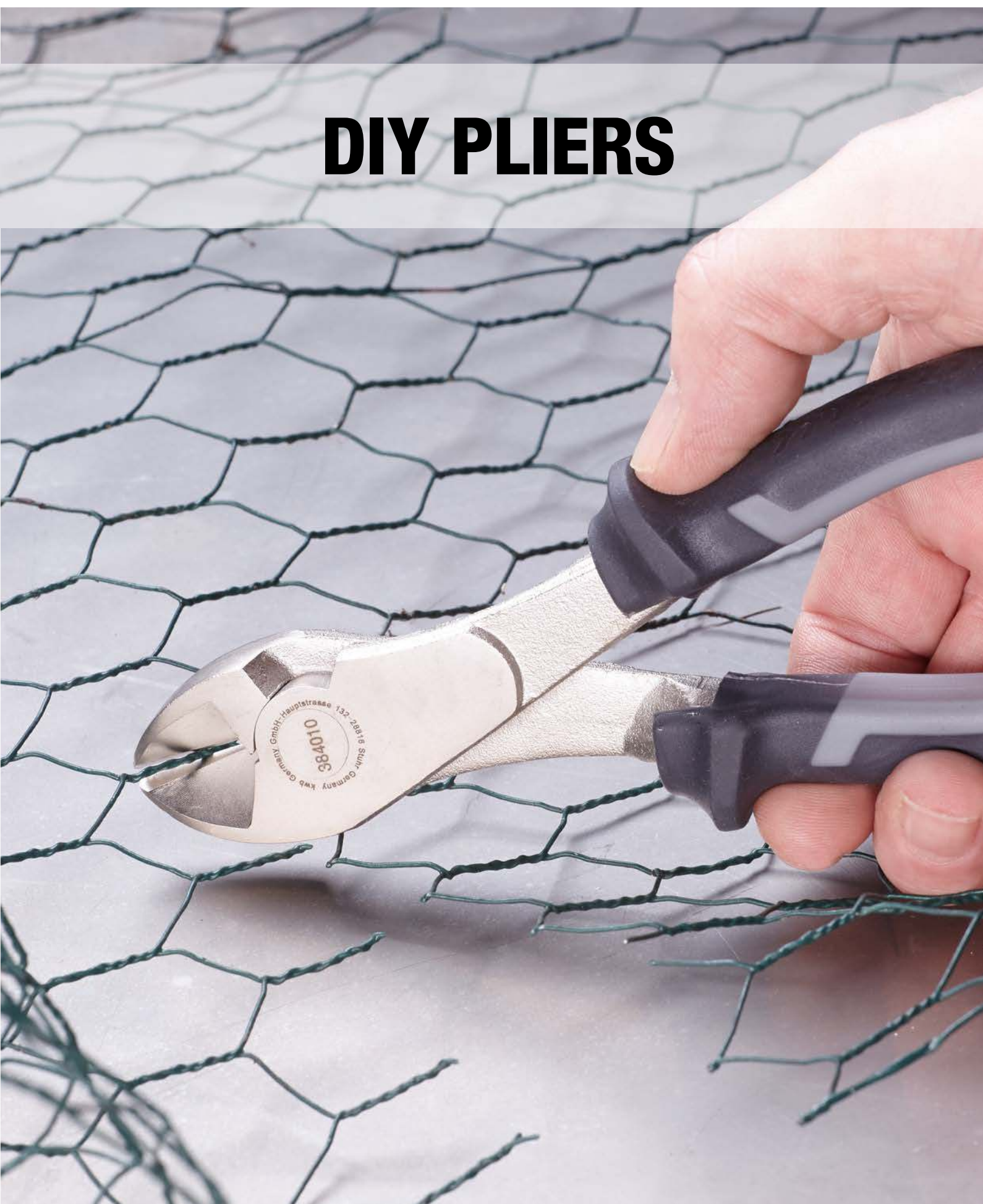
... then hang up the  
pliers - and have  
the right pliers  
readily to hand!



**MUST HAVE**



# DIY PLIERS



...always the right tool!

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## Flat nose pliers

HIGH QUALITY ★★★★★



Flat nose pliers acc. to DIN ISO 5745, with long jaws, CV steel, matt satin finish, box joint, finely serrated gripping surface, 2-component grip for optimal power transfer and fatigue-free working, for holding nails and bending wire. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.



| Art.-No. |  |  |  | Barcode                                                                                                |
|----------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 381110   | 160 mm                                                                             |  | 2                                                                                   | <br>4 009313 811101 |

## Round nose pliers

HIGH QUALITY ★★★★★



Shape of round nose pliers acc. to DIN ISO 5745, with long jaw, CV steel, matt satin finish, box joint, 2-component grip for optimal power transfer and fatigue-free working, for bending of wire eyes. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.



| Art.-No. |  |   |  | Barcode                                                                                                  |
|----------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 381610   | 160 mm                                                                              |  | 2                                                                                    | <br>4 009313 816106 |

## Radio/ telephone pliers, straight

HIGH QUALITY ★★★★★



Shape of pliers acc. to DIN ISO 5745, straight shape, CV steel, matt satin finish, flat-round jaws with serrated grip surface, 2-component grip for optimal power transfer and fatigue-free working, cutting edges hardened, suitable for smaller gripping and cutting jobs. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.



| Art.-No. |  |  |  | Barcode                                                                                                  |
|----------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 382110   | 145 mm                                                                               |  | 2                                                                                     | <br>4 009313 821100 |
| 382310   | 200 mm                                                                               |  | 2                                                                                     | <br>4 009313 823104 |

## Bent long nose pliers

HIGH QUALITY ★★★★★



Shape of pliers acc. to DIN ISO 5745, 45 degree bent nose, CV steel, matt satin finish, serrated grip surfaces, with cutter, 2-component grip for optimal power transfer and fatigue-free working, suitable for smaller gripping and cutting jobs, cutter additionally induction hardened. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.



| Art.-No. |  |  |  | Barcode                                                                                                  |
|----------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 382610   | 200 mm                                                                               |  | 2                                                                                     | <br>4 009313 826105 |

## DIY pliers

### Side cutter

HIGH QUALITY ★★★★★

Shape of side cutting pliers acc. to DIN ISO 5749, for normal wire, CV steel, matt satin finish, box joint, 2-component grip for optimal power transfer and fatigue-free working, for cutting of wires and nails, cutters hardened. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                           |
|----------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 383110   | 145 mm                                                                               |  | 2                                                                                 |  |



### Heavy duty side cutter

HIGH QUALITY ★★★★★

Shape of heavy-duty side cutting pliers acc. to DIN ISO 5749, for hardened steel wire, CV steel, matt satin finish, box joint, 2-component grip for optimal power transfer and fatigue-free working, for the toughest heavy-duty applications, high cutting performance due to optimal combination of cutting angle and power application, cutters hardened. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                             |
|----------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 384010   | 180 mm                                                                                 |  | 2                                                                                   |  |



### Heavy duty end cutter

HIGH QUALITY ★★★★★

Shape of heavy-duty front cutting pliers acc. to DIN ISO 5748, for hardened steel wire, CV steel, matt satin finish, box joint, 2-component grip for optimal power transfer and fatigue-free working, high cutting performance with low effort due to optimal combination of cutting angle and power application, cutters hardened. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                             |
|----------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 385010   | 160 mm                                                                                 |  | 2                                                                                   |  |



### Combination pliers

HIGH QUALITY ★★★★★

Combination pliers, shape acc. to DIN ISO 5746, CV steel, matt satin finish, 2-component grip for optimal power transfer and fatigue-free working, with grip zones for flat and round workpieces for multi-purpose use, with flat cutters and bevelled edges, for hard and soft wire, cutters hardened. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                             |
|----------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 386210   | 160 mm                                                                                 |  | 2                                                                                   |  |
| 386310   | 180 mm                                                                                 |  | 2                                                                                   |  |
| 386410   | 200 mm                                                                                 |  | 2                                                                                   |  |



...always the right tool!

**kwb**  
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### Waterpump pliers, with quick-adjustment function

HIGH QUALITY ★★★★★



Shape of water pump pliers acc. to DIN ISO 8976, box joint, quick-adjustment function, with crush protection, CV steel, matt satin finish, 2-component grip for optimal power transfer and fatigue-free working, grip surface serrated, 7-stage adjustment, for holding all kinds of large diameter items. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                                             |
|----------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 387610   | 240 mm                                                                                |  | 2                                                                                   |  4 009313 876100 |

### Waterpump pliers

HIGH QUALITY ★★★★★



Shape of water pump pliers acc. to DIN ISO 8976, box joint, with crush protection, CV steel, matt satin finish, 2-component grip for optimal power transfer and fatigue-free working, grip surface serrated, 7-stage adjustment, for holding all kinds of large diameter items. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                                               |
|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 387710   | 240 mm                                                                                  |  | 2                                                                                     |  4 009313 877107 |

### Wire stripping pliers

HIGH QUALITY ★★★★★



Shape of insulation strippers acc. to DIN ISO 5743, CV steel, matt satin finish, 2-component grip for optimal power transfer and fatigue-free working, with spring and adjusting screw, continuously adjustable, for single- multi- and fine-stranded conductors with plastic or rubber insulation. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                                               |
|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 388010   | 160 mm                                                                                  |  | 2                                                                                     |  4 009313 880107 |

# DIY PLIERS -SPECIAL OFFERS-



...always the right tool!

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### Combination pliers

QUALITY ★★★★★



Combination pliers, 2-component grip for optimal power transfer and fatigue-free working, with grip zones for flat and round workpieces for multi-purpose use, with flat cutters and bevelled edges, for hard and soft wire, cutters additionally induction-hardened.

| Art.-No. | Content |  mm |  |  | Barcode                                                                                             |
|----------|---------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 386390   | display | 180 mm                                                                                 |  | Z 16                                                                                |  4 009313 863902 |

### Side cutter

QUALITY ★★★★★



Side cutting pliers, for normal wire, box joint, 2-component grip for optimal power transfer and fatigue-free working, for cutting of wire and nails, cutters hardened.

| Art.-No. | Content |  mm |  |  | Barcode                                                                                             |
|----------|---------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 383190   | display | 160 mm                                                                                 |  | Z 16                                                                                |  4 009313 831901 |

### Radio/ telephone pliers, straight

QUALITY ★★★★★



Pliers, straight shape, flat-round jaws with serrated grip surface, 2-component grip for optimal power transfer and fatigue-free working, cutting edges hardened, suitable for smaller gripping and cutting jobs.

| Art.-No. | Content |  mm |  |  | Barcode                                                                                               |
|----------|---------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 382390   | display | 200 mm                                                                                   |  | Z 16                                                                                  |  4 009313 823906 |

### Waterpump pliers

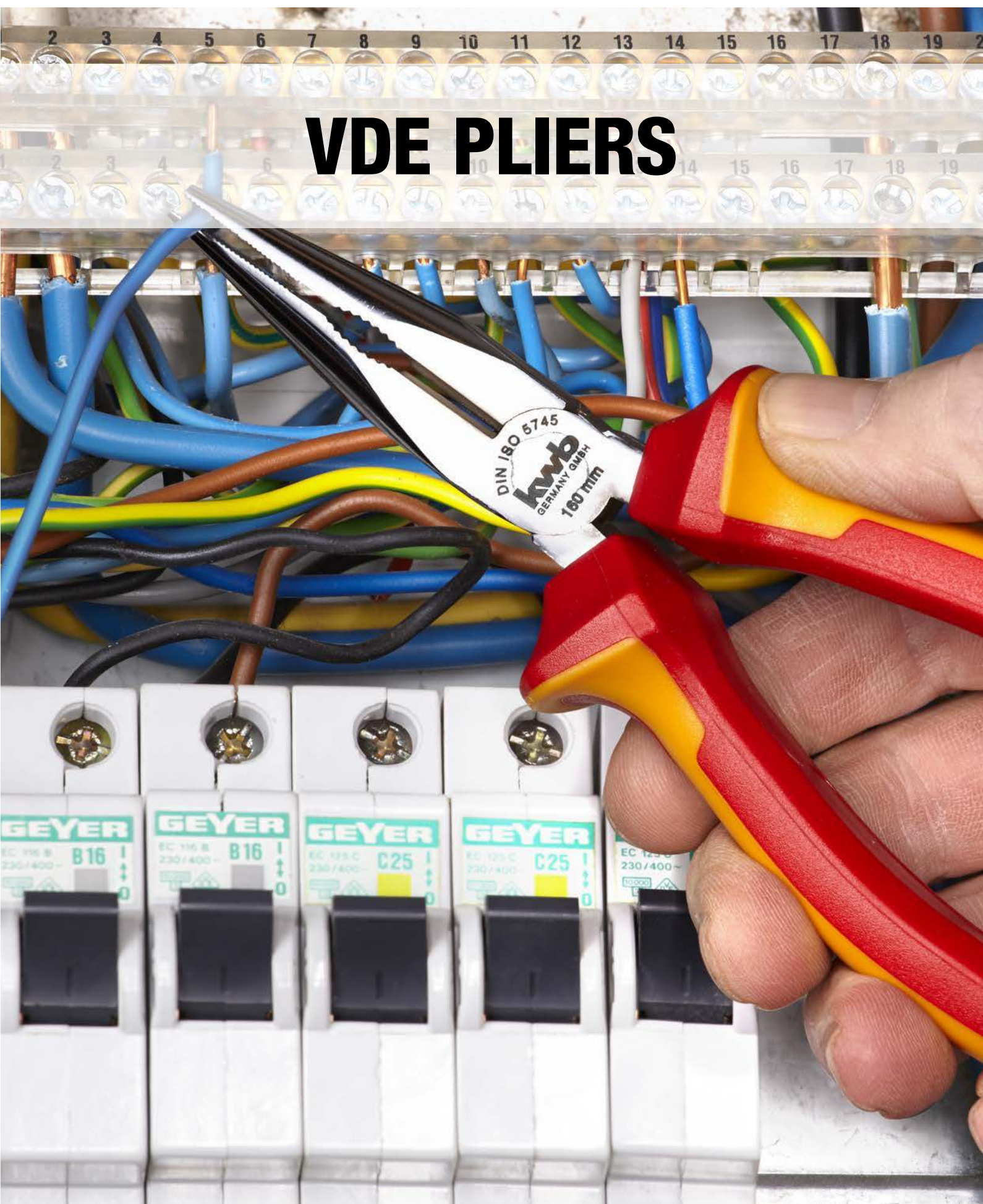
QUALITY ★★★★★



Water pump pliers, box joint, with crush protection, 2-component grip for optimal power transfer and fatigue-free working, grip surface serrated, 7-stage adjustment, for holding all kinds of large diameter items.

| Art.-No. | Content |  mm |  |  | Barcode                                                                                               |
|----------|---------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 387790   | display | 240 mm                                                                                   |  | Z 12                                                                                  |  4 009313 877909 |

# VDE PLIERS



...always the right tool!

**kwib**  
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### VDE telephone pliers

PROFESSIONAL ★★★★★



1000 V



VDE GS tested, shape acc. to DIN ISO 5745, raw blade forged in Germany, carbon steel, surface chrome-plated, box joint, straight, 2-component grip for optimal power transfer and fatigue-free working, cutting edges additionally induction-hardened, especially suitable for working on electric installations, protection up to 1000 VAC and 1500 VDC, suitable for smaller gripping and cutting jobs. Very high quality for a long service life.

| Art.-No. |  mm |  |  | Barcode                                                                             |
|----------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 392120   | 160 mm                                                                                |  | 2                                                                                   |  |

### VDE side cutter

PROFESSIONAL ★★★★★



1000 V



VDE GS tested, shape acc. to DIN ISO 5749, raw blade forged in Germany, carbon steel, surface chrome-plated, box joint, straight, 2-component grip for optimal power transfer and fatigue-free working, cutting edges additionally induction-hardened, especially suitable for working on electric installations, protection up to 1000 VAC and 1500 VDC, suitable for cutting fine and hard wires. Very high quality for a long service life.

| Art.-No. |  mm |  |  | Barcode                                                                               |
|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 393120   | 160 mm                                                                                  |  | 2                                                                                     |  |

### VDE combination pliers

PROFESSIONAL ★★★★★



1000 V



VDE GS tested, shape acc. to DIN ISO 5746, raw blade forged in Germany, carbon steel, surface chrome-plated, box joint, straight, 2-component grip for optimal power transfer and fatigue-free working, cutting edges additionally induction-hardened, especially suitable for working on electric installations, protection up to 1000 VAC and 1500 VDC, with grip zones for flat and round workpieces for multi-purpose use, with flat cutters and bevelled edges, for hard and soft wire. Very high quality for a long service life.

| Art.-No. |  mm |  |  | Barcode                                                                               |
|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 396320   | 180 mm                                                                                  |  | 2                                                                                     |  |

### VDE wire stripping pliers

PROFESSIONAL ★★★★★



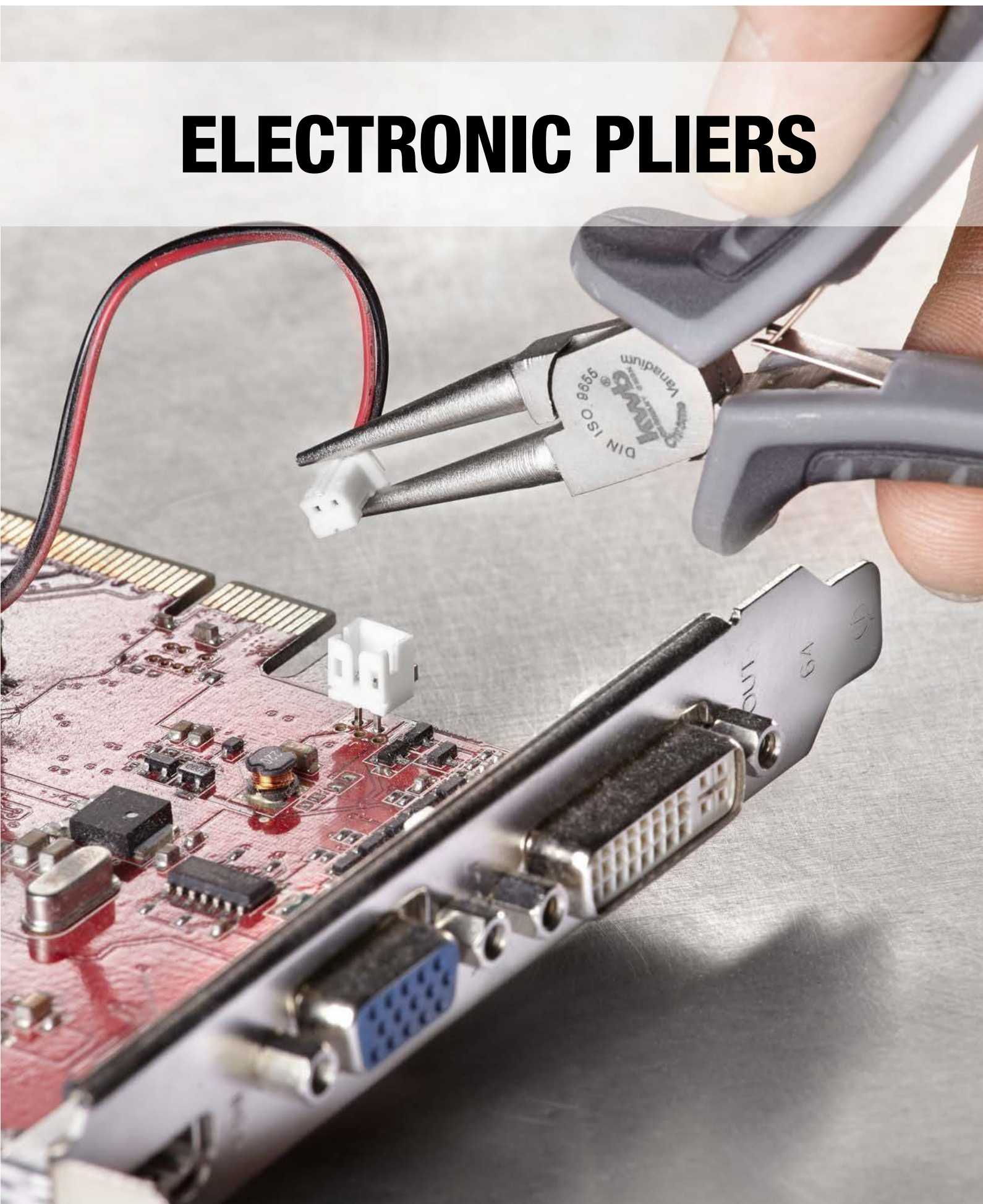
1000 V



VDE GS tested, shape acc. to DIN ISO 5743, raw blade forged in Germany, carbon steel, surface chrome-plated, box joint, straight, 2-component grip for optimal power transfer and fatigue-free working, continuously adjustable, for single- multi- and fine-stranded conductors with plastic or rubber insulation, especially suitable for working on electric installations, protection up to 1000 VAC and 1500 VDC.

| Art.-No. |  mm |  |  | Barcode                                                                               |
|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 398020   | 160 mm                                                                                  |  | 2                                                                                     |  |

# ELECTRONIC PLIERS



...always the right tool!

**kwib**  
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### Electronic flat nose pliers

HIGH QUALITY ★★★★★



Electronic flat-nosed pliers acc. to DIN ISO 9655, CV steel, matt satin finish, slim shape, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for working with electronic components and in precision engineering, particularly suitable for holding, positioning and cutting, for exact adjustment of strands and/or cables. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                                             |
|----------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 389010   | 120 mm                                                                                |  | 2                                                                                   |  4 009313 890106 |

### Electronic round nose pliers

HIGH QUALITY ★★★★★



Electronic round-nosed pliers acc. to DIN ISO 9655, CV steel, matt satin finish, slim shape, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for working with electronic components and in precision engineering, particularly suitable for holding, positioning and cutting, for bending of wire eyes. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                                               |
|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 389110   | 120 mm                                                                                  |  | 2                                                                                     |  4 009313 891103 |

### Electronic pointed nose pliers

HIGH QUALITY ★★★★★



Electronic long-nosed pliers acc. to DIN ISO 9655, CV steel, matt satin finish, slim shape, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for working with electronic components and in precision engineering, particularly suitable for gripping and positioning, due to the long pointed profile parts can be manipulated even in confined spaces. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                                               |
|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 389210   | 150 mm                                                                                  |  | 2                                                                                     |  4 009313 892100 |

### Electronic side cutter

HIGH QUALITY ★★★★★



Electronic side-cutting pliers acc. to DIN ISO 9654, CV steel, matt satin finish, slim shape, 2-component grip for optimal power transfer and fatigue-free working, for copper wire max. Ø 1.5 mm, self-opening, for working with electronic components and in precision engineering, for intricate cutting. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                                               |
|----------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 389310   | 110 mm                                                                                  |  | 2                                                                                     |  4 009313 893107 |

## Electronic pliers

### Electronic end cutter

HIGH QUALITY ★★★★★

Front cutter for electronics acc. to DIN ISO 9654, CV steel, matt satin finish, slim shape, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for copper wire max. Ø 1,5 mm, especially for working with electronic components and in precision engineering, Particularly suitable for gripping, positioning and cutting. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                           |
|----------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 389510   | 110 mm                                                                               |  | 2                                                                                 |  |



### Electronic bent long nose pliers

HIGH QUALITY ★★★★★

Electronic telephone pliers, 45° bent nose shape, CV steel, matt satin finish, slim shape, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for working with electronic components and in precision engineering, particularly suitable for gripping and positioning. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                             |
|----------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 389610   | 120 mm                                                                                 |  | 2                                                                                   |  |



### Electronic precision pliers

HIGH QUALITY ★★★★★

Pliers for electronics and precision mechanics acc. to DIN ISO 9655, CV steel, matt satin finish, slim shape, 2-component grip for optimal power transfer and fatigue-free working, self-opening, with blade, for working with electronic components and in precision engineering, particularly suitable for gripping, positioning and cutting. With practical pliers holder for the workshop, simply screw the plastic clip on the workshop wall.

| Art.-No. |  mm |  |  | Barcode                                                                             |
|----------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 389710   | 120 mm                                                                                 |  | 2                                                                                   |  |



### Set of electronic pliers, 4 pcs.

QUALITY ★★★★★

Set of pliers for electronics and precision mechanics, slim shape, grips dip-coated, telephone pliers for electronics, curved 120 mm, pliers for precision mechanics 120 mm, round pliers for electronics 120 mm, side cutter for electronics 110 mm for copper wire max. Ø 1.5 mm, especially for working with electronic components and in precision mechanics, particularly suitable for gripping, positioning and cutting.

| Art.-No. | Content                          |  |  | Barcode                                                                             |
|----------|----------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 369890   | Set of electronic pliers, 4 pcs. |  | 5                                                                                   |  |





# The new kwb range of pliers



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