

# HAND TOOLS



ALWAYS THE RIGHT TOOL!

CATALOGUE

## The new kwb hand tool catalogue

Dear customers,  
Welcome to our new kwb Hand Tools catalogue.

For more than 85 years, kwb Germany GmbH has provided a system for the supply of power tool accessories and hand tools.

Experience, great stock availability, dependable quality, innovative thinking and action combine together to create a good, strong brand.

This is what kwb Germany GmbH stands for. It is our goal to purchase kwb items at the highest quality level from all over the world.

kwb Germany GmbH proves this day in, day out, with passion and dedication to you, our partners.

We are pleased to introduce the new kwb Hand Tools catalogue.

The catalogue has been completely modernised, and the layout made clearer. Enhanced with many attractive and innovative new products, there is also a range of important information, and tips for the correct use of the kwb hand tool range.

With this new Hand Tool catalogue we want to give you the means to develop a closer working relationship with us.

True to our slogan „...always the right tool!“ kwb offers its customers, and in turn their customers, all that they need for their workshop.



kwb headquarter in Stuhr near Bremen

# Range overview hand tools

## PLIERS

PLIERS .....	12-17
VDE pliers .....	18
Electronic pliers .....	19-20
Special pliers and accessories .....	21-28



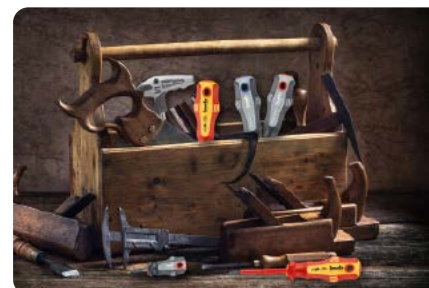
## KNIVES AND SCISSORS

Knife blades and knife sets .....	32-35	Trapezoidal blades .....	48
Trapezoidal blade knife .....	36-39	Special types .....	49-50
Special knives .....	40-41	Working scissors, household scissors and handicraft scissors .....	51-54
Multifunction tool and pocket knife .....	42-44	Scraper .....	55
Craft knife .....	45	Garden shears .....	56
Snap-off blades .....	46-47		



## SCREWING TOOLS

Box wrenches and open-end wrenches .....	61-64	Other screwdrivers .....	78-84
Special keys .....	65-67	Socket wrench .....	85-89
Screwdriver .....	68-72	Tapping tool .....	90-92
VDE Screwdriver .....	73-74		
Pin wrench .....	75-77		



## TOOL CASES

Tool case, 129-pcs. ....	94	Tool case, 40-pcs. ....	97
Tool case, 99-pcs. ....	95	Tool case, 63-pcs. ....	97
Tool case, 51-pcs. ....	96	Tool case, 199-pcs. ....	98
Tool case, 65-pcs. ....	96		



## CLAMPS

Glue guns .....	101-102
Clamps, expanding clamps and screw clamps .....	103-104
Vices and other clamping tools .....	105-106



**HAMMERS  
CHISELS AXES**

Hammers .....	<b>110–118</b>	Hand countersink, awl and nail drill .....	<b>130</b>
Centre punches, chisels and punching irons .....	<b>119–123</b>	Manual wire brushes .....	<b>131–132</b>
Chisel .....	<b>124–125</b>	Accessories for hammers and axes .....	<b>133–137</b>
Files and rasps .....	<b>126–129</b>	Nail lifting bars .....	<b>138</b>



**HANDSAWS**

Wood saws .....	<b>142–148</b>	Accessories for laminate and parquet tools .....	<b>159–160</b>
Mitre saws and cutting shops .....	<b>149–150</b>		
Metal saws .....	<b>151–155</b>		
Planer .....	<b>156–158</b>		



**MEASURING TOOLS**

Belt dimensions and scales .....	<b>164–167</b>	Measuring instruments and search devices .....	<b>178–180</b>
Caliper .....	<b>168–169</b>		
Angles and bevels .....	<b>170–172</b>		
Directives .....	<b>173–174</b>		
Water truck .....	<b>175–177</b>		



**MASONRY TOOLS**

Drywall planer and drywall accessories .....	<b>184–189</b>	Bricklaying tools .....	<b>205–207</b>
Spatula, tiling tool and masonry tool .....	<b>190–197</b>	Trowels, spatulas and drywall accessories .....	<b>208–215</b>
Tiling tools .....	<b>198–202</b>	Grating boards and straightening laths .....	<b>216–220</b>
Accessories for bricklayers and tilers .....	<b>203–204</b>		



**ADDITIONAL  
HAND TOOLS**


Glass cutter .....	<b>224</b>	Barrier tape .....	<b>228</b>
Suction lifter .....	<b>224</b>	Insulating tape VDE .....	<b>228</b>
Marker pens .....	<b>225</b>	Tube cutter .....	<b>228</b>
Marking crayons .....	<b>226</b>	Telescopic quick support .....	<b>229</b>
Draw tape .....	<b>227</b>	Sharpening stone .....	<b>229</b>
Household drain cleaning coil .....	<b>227</b>		




## Catalogue summary

1
2

Combination pliers
★★★★★






3



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.

4




Art.-No.	mm			Barcode
386210	160 mm			

5

6

7

8

9

### 1 Product heading

### 2 Quality information

see description on page 7

### 3 Illustration

Packaging / options

### 4 Detailed product information

### 5 kwb part number

is also the stock number for the product

### 6 Technical date and user advice

### 7 Symbol = display packed goods

Eg carded, walletted or in display box with or without hanger

Symbol present = display packed

Symbol not present = item supplied in bulk

### 8 Symbol = box quantity

### 9 kwb pictogram

TÜV marking and/or labelling for the product (if available)

## kwb qualities

2

### kwb stands for quality.

With the triple-graded quality system from kwb, you can always find the right tool for your particular needs and levels of use.

★★★★★  
PROFESSIONAL

The best kwb quality, suitable for continuous professional use

★★★★  
HIGH QUALITY













The high value kwb quality, suitable for trade use

★★★  
QUALITY

The good everyday quality for DIY use

## kwb symbols in product tables

In some sections of our catalogue there are technical symbols in the product tables. Here is a brief explanation of these symbols.

Pliers		Screwdrivers		Sockets	
	Plier length		Grip length T-grip screwdrivers		Bit length
Saws			Grip length DUO-LINE screwdrivers		Working length
	Toothing		Width of screwdriver blade		Drill length
Building and tiling tools			Length of screwdriver handle		Shaft diameter
	Thickness		Working length DUO-LINE screwdrivers		



# PLIERS





# 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



### Pliers

CrV steel, matt satin finish, box joint, finely serrated grip surfaces. 2-component grip for three-way slip protection, for optimal power transfer and fatigue-free working.

Page 12 – 17



### Electronic pliers

matt 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 19 – 20



### VDE pliers

CrV steel, box joint, 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 18



## 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.

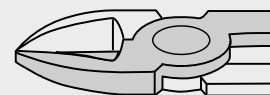
## Technical terms



## Joint types

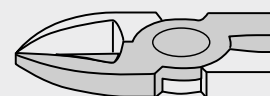
### Overlaid joint

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



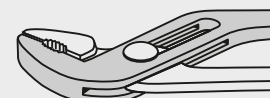
### Box joint

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.



## Waterpump pliers

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.

Page 16 – 17



## Bolt croppers

Replaceable jaws, high cutting performance with minimal effort due to optimum combination of cutting angle and force applied, tubular steel handles with plastic grips

Page 21 – 22



## Crimping pliers

with non-slip 2-component grip for optimal power transfer and fatigue-free working, for stripping insulation and snipping off wires, crimping jaws for crimping insulated and non-insulated cable terminals and plugs.

Page 26



## Accessories

kwb always has the right accessories, for cable terminals, cable ties, pop rivets to eyelets, kwb offers a wide range for every application.

Page 24 – 28










# Tongs

## 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

## 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	 4 009313 862103
386310	180 mm		2	 4 009313 863100
386410	200 mm		2	 4 009313 864107

## 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	16 pieces in a display	180 mm		16	 4 009313 863902

## 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.	 mm			Barcode
381110	160 mm		2	 4 009313 811101

# Tongs

## 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.	 mm			Barcode
381610	160 mm		2	



## 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	
382320	200 mm		2	



## 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.	 mm			Barcode
382110	145 mm		2	
382310	200 mm		2	



## 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	16 pieces in a display	200 mm		16	



# Tongs

## 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



## 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.	 mm			Barcode
382610	200 mm		2	 4 009313 826105



## 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



## 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	165 mm		2	 4 009313 831109






# Tongs

## 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	16 pieces in a display	160 mm		16	



## 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	



## 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	



# Tongs

## 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



## 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	 4 009313 877206



## 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



## 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



# Tongs

## 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	12 pieces in a Display	240 mm		12	 4 009313 877909



## Waterpump pliers

QUALITY ★★★★★

Water pump pliers, box joint, self-clamping, ridged gripping area, 5x adjustable, for gripping parts of all types, even with large diameters.

Art.-No.	 mm			Barcode
367725	240 mm		6	 4 009313 677257



## Waterpump pliers

PROFESSIONAL ★★★★★

Box jointed, with removable jaw protectors, self locking, for damage free work on chrome plated or polished fittings

Art.-No.	 mm			Barcode
367850	240 mm		2	 4 009313 678506



## 3-piece pliers set 160mm

QUALITY ★★★★★

Pliers shape according to DIN ISO 5745, form, finely polished, anti-glare carbon steel, 2-component handle for optimum power transmission and fatigue-free working, suitable for smaller gripping and cutting jobs. Very high quality for a long service life.

Art.-No.	Content	 mm			Barcode
381090	1 Combination pliers, 1 Side cutter, 1 Radio/ telephone pliers	160 mm		6	 4 009313 810906





## VDE pliers

### VDE combination pliers

PROFESSIONAL ★★★★★



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.



1000 V

Art.-No.	 mm			Barcode
396320	180 mm		2	 4 009313 963206

### VDE telephone pliers

PROFESSIONAL ★★★★★



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.



1000 V

Art.-No.	 mm			Barcode
392120	160 mm		2	 4 009313 921206

### VDE side cutter

PROFESSIONAL ★★★★★



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.



1000 V

Art.-No.	 mm			Barcode
393120	160 mm		2	 4 009313 931205

### VDE wire stripping pliers

PROFESSIONAL ★★★★★



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.



1000 V


Art.-No.	 mm			Barcode
398020	160 mm		2	 4 009313 980203

## Electronics pliers

### 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	 4 009313 897105



### 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 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	 4 009313 896108



## Electronics pliers

### 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 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	 4 009313 895101







### 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	 4 009313 698900




## Special pliers and accessories

### Carpenters pincers

PROFESSIONAL ★★★★★

Polished jaws, plastic dipped handles, for pulling out nails, cutting wire and thin metal pins








Art.-No.	 mm			Barcode
388200	160 mm		2	
388300	180 mm		2	
388400	200 mm		2	



### Tile pincers

PROFESSIONAL ★★★★★

Polished jaws, plastic dipped handles, for twisting and cutting wire reinforcement ties, and for many other applications with wire

Art.-No.	 mm			Barcode
388100	220 mm		2	
388500	250 mm		2	



### Circlip pliers set

HIGH QUALITY ★★★★★

With internal spring, with insulated non-slip grips, 4 interchangeable heads, for internal and external circlips, for installing circlips in bores and on shafts

Art.-No.	Ø mm	 mm			Barcode
403900	10 - 15 mm	150 mm		3	



### Midget bolt croppers

PROFESSIONAL ★★★★★

Lacquered steel arms, forged, tempered, for hardened wire up to Ø 3 mm, max. HRC 15, soft and round wire up to Ø 5 mm, max. HRC 35

Art.-No.	 mm			Barcode
405720	200 mm		2	












## Special pliers and accessories

### Bolt croppers

PROFESSIONAL ★★★★★



Replaceable jaws, high cutting performance with minimal effort due to optimum combination of cutting angle and force applied, tubular steel handles with plastic grips






Art.-No.	Opening to pipe diameter	 mm			Barcode
405946	max. Ø 8 mm, max. HRC 15 max. Ø 6 mm, max. HRC 35	460 mm		1	 4 009314 059465
405961	max. Ø 10 mm, max. HRC 15 max. Ø 8 mm, max. HRC 35	610 mm		1	 4 009314 059618
405975	max. Ø 13 mm, max. HRC 15 max. Ø 10 mm, max. HRC 35	760 mm		1	 4 009314 059755

### Reinforcement mesh cutters

PROFESSIONAL ★★★★★



Cutter made from CrV high performance steel, forged, oil hardened, joint made from special tool steel, forged, tubular powder coated steel handles, high cutting performance with minimum effort through optimum combination of cutting angle and power transmission, forged stop, head and joint area. precise 12-point adjustment by means of eccentric screws, replaceable bolted-on cutting head







Art.-No.	Opening to pipe diameter	 mm			Barcode
406100	max. Ø 8 mm, max. HRC 40	790 mm		1	 4 009314 061000

### Self grip pliers

HIGH QUALITY ★★★★★



Carbon steel, adjustable jaw opening, quick-release lever, nickel plated, loosens seized bolts, for holding workpieces or as a "third hand", with serrated gripping surfaces, integral wire cutter, forged, hardened and tempered.



Art.-No.	Opening to pipe diameter	 mm			Barcode
408000	0 - 40 mm	225 mm		2	 4 009314 080001
408010	0 - 30 mm	180 mm		2	 4 009314 080100

### Self grip pliers, C-grip

HIGH QUALITY ★★★★★



with adjusting screw and release lever, one handed operation, for clamping two workpieces together for welding, soldering, glueing etc., ideal for car bodywork, fabrication, joinery etc., clamps bulky workpieces and profiles with high points up to 40mm





Art.-No.	 mm			Barcode
408100	150 mm		2	 4 009314 081008

## Special pliers and accessories

### Pipe wrench, S-profile jaws

PROFESSIONAL ★★★★★

CrV steel, forged and tempered, lacquered, slim format, S-profile jaw, teeth set against the direction of rotation, T-profile grip, captive locking nut, three-point hold on the pipe, self-gripping






Art.-No.	Opening to pipe diameter			Barcode
409420	1"		1	
409520	1 1/2"		1	



### Pipe wrench

HIGH QUALITY ★★★★★

CrV steel, forged, oil hardened, jaws offset 45°, lacquered, Swedish pattern, teeth set against the direction of rotation, T-profile grip, captive locking nut, jaws bright ground

Art.-No.	Opening to pipe diameter			Barcode
409400	1"		2	
409500	1 1/2"		2	
409600	2"		1	



### Continuous cut tinsnips

PROFESSIONAL ★★★★★

For broad curves and short straight cuts, for sheet metal up to 1.5mm, also for stainless sheet up to 1.0mm






Art.-No.	Shape				Barcode
407600	Straight	250 mm		1	



### Tinsnips, continuous cut

PROFESSIONAL ★★★★★

For tight curves, for sheet metal up to 1.5mm, also for stainless sheet up to 1.0mm

Art.-No.	Shape				Barcode
407700	right	260 mm		1	
407720	Left	260 mm		1	












## Special pliers and accessories

### Aviation pattern tinsnips

HIGH QUALITY ★★★★★



For broad curves and short straight cuts, for sheet metal up to 1.5mm, also for stainless sheet up to 1.0mm

Art.-No.	Shape	 mm			Barcode
926100	Left	250 mm		1	
926200	right	250 mm		1	
926300	Straight	250 mm		1	





### Pop rivet gun

PROFESSIONAL ★★★★★



heavy duty with slip guards, for aluminium and copper pop rivets up to 4.8 mm shank diameter, rivets made from other materials up to 4 mm shaft diameter

Art.-No.	Rivet diameter			Barcode
407200	2,4 - 3,2 - 4,0 - 4,8 mm		2	























### Pop rivets

PROFESSIONAL ★★★★★



to DIN 7337, aluminium with zinc plated mandrel, suitable for pop rivet gun (part no. 407200)




Art.-No.	Content	Dimensions Ø x length			Barcode
407457	50	3,2 x 6,5 mm		5	
407459	50	3,2 x 9,0 mm		5	
407462	50	3,2 x 12,0 mm		5	
407470	50	4,0 x 10,0 mm		5	
407472	50	4,0 x 12,0 mm		5	
407476	50	4,0 x 16,0 mm		5	
407478	50	4,8 x 8,0 mm		5	
407482	50	4,8 x 12,0 mm		5	
407486	50	4,8 x 16,0 mm		5	

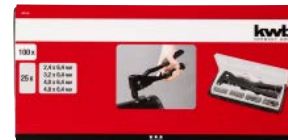
## Special pliers and accessories

### Rivet plier set

QUALITY ★★★★★

heavy duty with slip guards, for aluminium and copper pop rivets up to 4.8 mm shank diameter, rivets made from other materials up to 4 mm shaft diameter, incl. 100 rivets in the sizes: 25 rivets 2,4 x 5 mm, 25 rivets 3,2 x 8 mm, 25 rivets 4,0 x 8 mm, 25 rivet 4,8 x 8 mm.





Art.-No.	Rivet diameter			Barcode
407190	2,4 / 3,2 / 4,0 / 4,8 mm		6	 4 009314 071900



### Crimping pliers Set

PROFESSIONAL ★★★★★

With 150 terminals, for easy insertion of fine copper conductors, prevents damage and unravelling of conductors, makes plug top wiring easy





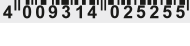
Art.-No.	Content			Barcode
402200	1 Crimping plier for non-insulated terminals 140 mm, für 0,34 - 2,5 mm <sup>2</sup> / 150 Non-insulated terminals 30 x 0,5 / 0,75 / 1,0 / 1,5 / 2,5 mm <sup>2</sup>		1	 4 009314 022001



### Terminals, non-insulated

PROFESSIONAL ★★★★★

for easy insertion of fine-stranded copper conductors, guards against unravelling of the conductor, makes plug top fitting easy

Art.-No.	Content	mm <sup>2</sup>			Barcode
402505	90	0,50		6	 4 009314 025057
402507	90	0,75		6	 4 009314 025071
402510	90	1,00		6	 4 009314 025101
402515	90	1,50		6	 4 009314 025156
402525	70	2,50		6	 4 009314 025255





## Special pliers and accessories

### Crimping pliers

PROFESSIONAL ★★★★★



2-component grip for optimal comfort and fatigue-free working, slip-proof, for cable sleeves, crimping contacts and insulation for sizes 0.75, 1.0, 1.5, 2.5, 4.0 and 6.0mm, screw cutter for M2.6, M3, M3.5, M4 and M5

Art.-No.	 mm			Barcode
403100	200 mm		2	 4 009314 031003



### Crimping pliers

QUALITY ★★★



Crimping pliers, slip-proof, for cable sleeves, crimping contacts and insulation for sizes 0.75, 1.0, 1.5, 2.5, 4.0 and 6.0 mm, screw cutter for M2.6, M3, M3.5, M4 and M5.

Art.-No.	 mm			Barcode
402990	200 mm		5	 4 009314 029901



### Cable lug and shrink hose assortment, 91 pcs.

PROFESSIONAL ★★★★★



consisting of wire lug pliers 200 mm and 50 cable lugs (10 connectors each in red and blue, 10 flat plugs in red, 10 rings each in red and blue) and 40 different shrink hoses of 45 mm length with diameter from 1.5 to 6 mm. For insulation or identification of cables in household or workshop. Simply draw the shrink hose above the blank cable and heat. This makes the hose shrink in diameter to fit the cable cross-section. Well arranged in a handy plastic carrying case.

Art.-No.	Content			Barcode
403210	91 pieces		1	 4 009314 032109

### Cable lug and shrink hose assortment, 102 pcs.

PROFESSIONAL ★★★★★



consisting of 50 cable lugs (10 connectors each in red, blue and yellow, 10 rings in red and blue) and 40 different shrink hoses of 45 mm length, Ø 1.5 to 6 mm, and 12 different shrink hoses of 200 mm length, Ø 6 to 20 mm. For insulation or identification of cables in household or workshop. Simply draw the shrink hose above the blank cable and heat. This makes the hose shrink in diameter to fit the cable cross-section. Well arranged in a handy plastic carrying case.

Art.-No.	Content			Barcode
403220	102 pieces		1	 4 009314 032208

## Special pliers and accessories

### Cable connector and cable lug assortment, 200 pcs.

PROFESSIONAL ★★★★★

200 cable connectors for cable cross sections 1.0 / 1.5 and 2.5 mm<sup>2</sup>, for solder-free, strain-relief cable connections, surface blank, zinc-coated, partial and complete insulation (PVC), temperature resistant from -10 °C up to +75 °C


Art.-No.	Content			Barcode
403300	200 pieces		1	



### Terminal assortment, 150 pc.

QUALITY ★★★★★

150 cable connectors for cable cross sections 1.0 / 1.5 and 2.5 mm<sup>2</sup>, for solder-free, strain-relief cable connections, surface blank, zinc-coated, partial and complete insulation (PVC), temperature resistant from -10 °C up to +75 °C mm<sup>2</sup>.






Art.-No.	Content			Barcode
403290	150 pieces		4	



### Punch and eyelet pliers-set

HIGH QUALITY ★★★★★

With 100 eyelets ø 4 mm, for punching a hole and fitting an eyelet in one operation, also for installing eyelets in existing holes, for hobbies and handicrafts.




Art.-No.	Hole diameter	Eyelet diameter				Barcode
929300	4 mm	4 mm	165 mm		3	



### Eyelets for eyelet press tool

HIGH QUALITY ★★★★★

For use with punch and eyelet plier (Part no. 929300), Brass-plated, nickel-plated, and copper-plated.

Art.-No.	Content	Eyelet diameter			Barcode
929320	400 pieces	4 mm		3	



## Special pliers and accessories

### Eyelet/ press- stud pliers

QUALITY ★★★★★



Revolving plier for eyelets and press-studs, incl. 100 eyelets, 4 mm diameter and 48 buttons, for punching holes in leather, textiles, and plastics, with 5 changeable punching tools and one button punching tool.

Art.-No.	 mm			Barcode
929690	230 mm		6	 4 009319 296902



### Revolving punch pliers

PROFESSIONAL ★★★★★



With opening spring, extra heavy duty, for making holes in leather, textiles and plastics, with six interchangeable punches, diameters 2.0 / 2.5 / 3.0 / 3.5 / 4.0 / 5.0mm

Art.-No.	 mm			Barcode
929900	240 mm		3	 4 009319 299002




### Eyelet tool, chrome plated

HIGH QUALITY ★★★★★



With 12 eyelets brass plated, self-piercing of the material when used on paper, card and plastic sheet.

Art.-No.	Eyelet diameter	 mm			Barcode
929710	10 mm	150 mm		6	 4 009319 297107
929716	16 mm	175 mm		6	 4 009319 297169









### Eyelets, brass plated

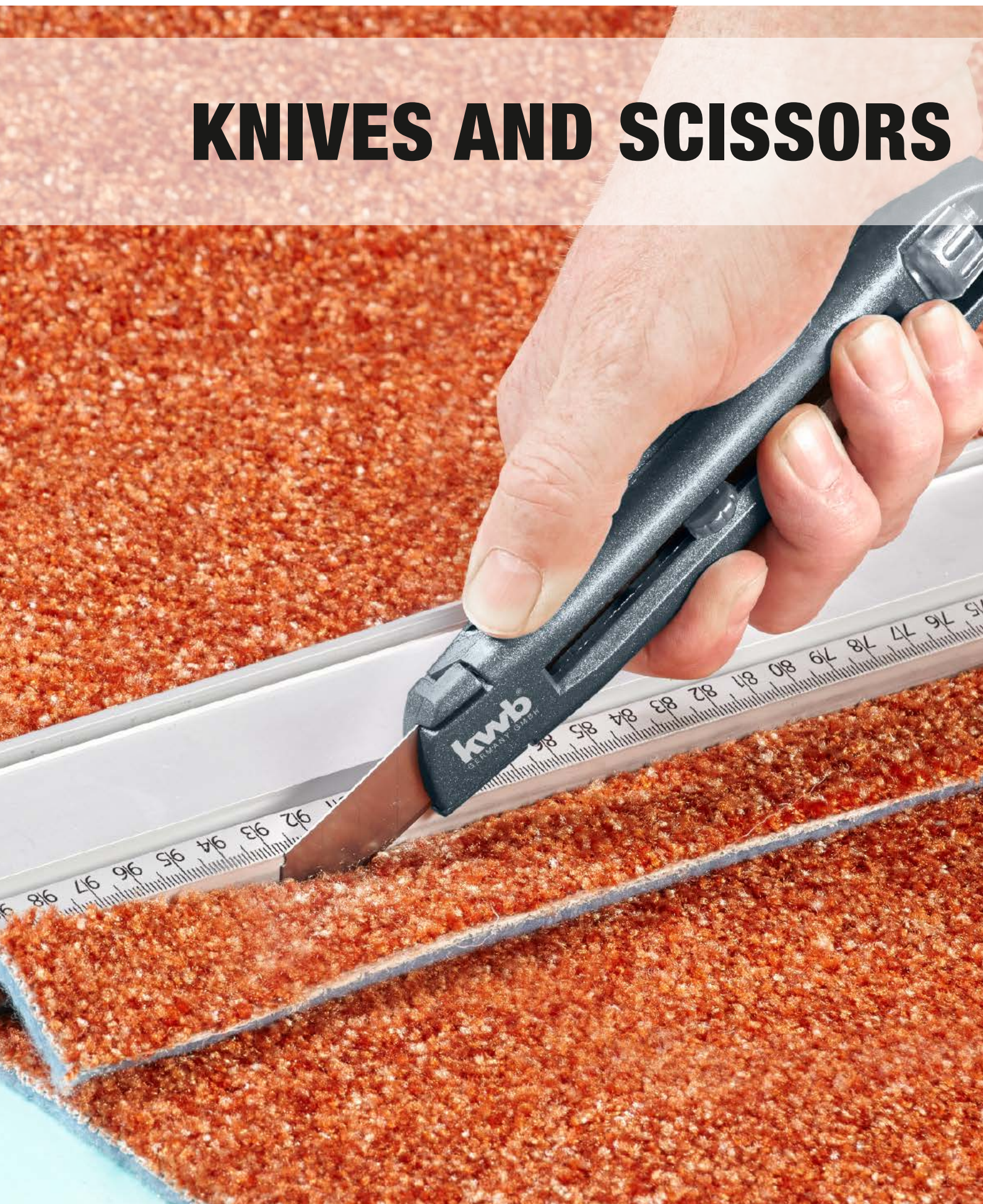
HIGH QUALITY ★★★★★



For use with eyelet press tools (Part no. 929710 and 929716)

Art.-No.	Content	Eyelet diameter			Barcode
929810	20	10 mm		6	 4 009319 298104
929816	20	15 mm		6	 4 009319 298166

# KNIVES AND SCISSORS



# KNIVES AND SCISSORS

## The advantages of knives

- **Autoload function:**  
easy blade handling and automatic reloading from the blade magazine
- **Autolock function:**  
automatic locking for safe working
- ergonomically shaped for optimal power transfer and fatigue-free working



## Range overview knives



### Snap-off blade knife

With snap-off blade, with autolock function for automatic locking, optimum operating weight, heavy zinc die-cast body.

Page 32 – 35



### Knives with Japanese blade and autoload function

Japanese-tooth blade, blade guide made of robust stainless steel, easy removal of the used blade at the back via the locking cap, autolock function: automatic locking for safe working.

Page 34



### Trapezoidal blade knife

Heavy-duty design with die-cast zinc body, ergonomically shaped, for optimum pressure and fatigue-free working.

Page 36 – 39



### Rescue knife

Professional emergency tool, ideal for car rescue in case of an accident, with razor-sharp, stainless folding blade made of 440 A performance steel, secure locking of the blade, glass breaker, belt cutter, trouser clip and aluminium handle shells with Fire Dept fire brigade symbol, 125 mm length.

Page 42

## Knife blades- which spare blades fit which knife?

Item no.	Page	Description	Snap-off blades										Trapezoidal blades			Insulation blades	
			Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	
			022911	023306	023506	022990	023395	023206	024605	023311	023392	022806	024106	022906	024306	014710	024730
			9mm	18mm	25mm	9mm	18mm	18mm	18mm	18mm	60x19mm	52x19mm	60x19mm	49x19mm	220x18mm	140x18mm	
015609	32	Snap-off blade knife 9mm heavy	•			•											
015618	32	Snap-off blade knife 18mm heavy		•			•	•	•	•							
015109	32	Snap-off blade knife 9mm metal	•			•											
015118	32	Snap-off blade knife 18mm metal		•			•	•	•	•							
015125	32	Snap-off blade knife 25mm metal			•												
015809	32	Snap-off blade knife 9mm knob	•			•											
015818	32	Snap-off blade knife 18mm knob		•			•	•	•	•							
014009	32	Snap-off blade knife 9mm autoloader	•			•											
014018	32	Snap-off blade knife 18mm autoloader		•			•	•	•	•							
014409	33	Snap-off blade knife 9mm safety	•			•											
014418	33	Snap-off blade knife 18mm safety		•			•	•	•	•							
014909	33	Snap-off blade knife 9mm stainless steel	•			•											
014918	33	Snap-off blade knife 18mm stainless steel		•			•	•	•	•							
017118	34	Snap-off blade knife 18mm+JapSaw blade		•			•	•	•	•							
026195	34	Snap-off blade knife 18mm straight SB		•			•	•	•	•							
026495	34	Snap-off blade knife 9mm heavy SB	•			•											
026091	34	Snap-off blade knife 18mm heavy LS		•			•	•	•	•							
026095	34	Snap-off blade knife 18mm heavy SB		•			•	•	•	•							
026690	34	Snap-off blade knife 9mm +5blades	•			•											
026691	34	Snap-off blade knife 18mm+5blades		•			•	•	•	•							
025995	35	Knife set 3-pcs.	•	•		•	•	•	•	•							
016990	35	Knife set 4-pcs.		•			•	•	•	•	•		•				
026890	35	10 knives in tin, 9 + 18mm	•	•		•	•	•	•	•							
015010	36	Universal knife heavy									•	•	•	•			
015410	36	Heavy carpet knife									•		•	•			
015210	36	Automatic knife heavy									•	•	•	•			
013320	37	Automatic trapezoid blade knife+rope cutter									•	•	•				
013400	37	Carpet knife with hand guard									•	•	•	•			
013710	37	Carpet knife									•		•	•			
013310	38	Trapeze blade knife + rope cutter									•	•	•	•			
016910	38	Universal knife SB									•		•				
013100	39	Leisure knife folding+pocket									•	•	•				
013200	39	Leisure knife folding + clip									•	•	•				
015710	40	Insulation knife heavy													•	•	
016592	42	Knife w 2blades + LED SB									•	•	•				



### Craft knife

ideal for handicraft and graphic work or model making with paper, cardboard, foils, leather, fabrics and PVC, 1 aluminium blade handle with rubberised grip zone for safe working, magnetic shaft end for easy removal of blades from storage box, 6 different, extremely sharp 5 mm blade shapes in practical plastic storage box.

Page 45



### Universal scissor

handy, straight, universal scissors with ergonomic 2-component handle, resistant titanium coating, specially ground and durable for precise, sharp cuts in paper, cardboard, leather, rubber, foil, thin plastic, fabric etc., suitable for right- and left-handers.

Page 51 – 53

## Knife blades and knife sets

### Snap off blade knife

PROFESSIONAL ★★★★★



Professional quality, with 3 pcs. 9 mm snap off blades made in Solingen/Germany, 2 spare snap off blades in the blade magazine, protective cap on the tip of the knife, blade guide made of robust stainless steel, easy withdrawal of the used blade, blade is snapped off with the cap, blade slider with fixing function for safe working, ergonomically designed zinc die-cast housing, length 145 mm.

Art.-No.	Blade/ Width	Blade segments	Spare blades			Barcode
015609	9 mm	13	3		2	4 009310 156090
015618	18 mm	8	3		2	4 009310 156182

### Snap off blade knife with auto-lock function

PROFESSIONAL ★★★★★



with 1 pc. 9, 18 and 25 mm snap off blade, blade guide made of robust stainless steel, easy withdrawal of the used blade with the back side of the cap, with auto-lock function: automatic locking for safe working, optimally weighted, solid zinc die-cast enclosure with rubber-coated anti-slip grip surface.

Art.-No.	Blade	Blade segments			Barcode
015109	9 mm	13		2	4 009310 151095
015118	18 mm	8		2	4 009310 151187
015125	25 mm	8		2	4 009310 151255

### Powerlock snap off blade knife with rotary knob

HIGH QUALITY ★★★★★



with 1 pc. 9 and 18 mm snap off blade, 2-part metal die-cast housing, manual blade guiding by lateral blade slider, safely engages and is fixed by the rotary wheel, blade exchange without tools by turning the wheel and opening the overlapping parts of the handle.

Art.-No.	Blade/ Width	Blade segments			Barcode
015809	9 mm	13		5	4 009310 158094
015818	18 mm	8		2	4 009310 158186

### Auto-lock snap off blade knife with auto-load function

HIGH QUALITY ★★★★★



with 6 pcs. 9 and 18 mm snap off blades, 5 spare snap off blades in the locked blade magazine, unlocking simply by pushing the locking button, blade guide made of robust stainless steel, auto-load function, easy withdrawal of the used blade and automatic reloading from the blade magazine, auto-lock function: automatic locking for safe working, 2-component plastic enclosure with anti-slip grip surface.







Art.-No.	Blade	Blade segments	Spare blades			Barcode
014009	9 mm	13	5		2	4 009310 140099
014018	18 mm	8	5		2	4 009310 140181

## Knife blades and knife sets

### Auto-lock 2-in-1 safety snap off blade knife

PROFESSIONAL ★★★★★

with 1 pc. 9 and 18 mm snap off blade, blade guide made of robust stainless steel, twin blade slider, the safety blade slider automatically retracts after use, the manual blade slider with auto-lock function automatically locks in its position, easy withdrawal of the used blade with the back side of the cap, 2-component plastic enclosure with anti-slip grip surface, blade snap off on the cap and suspension attachment at the end of the handle.







Art.-No.	Blade/ Width	Blade segments			Barcode
014409	9 mm	13		2	
014418	18 mm	8		2	



### Stainless steel snap off blade knife

HIGH QUALITY ★★★★★

with 1 pc. 9 and 18 mm snap off blade, easy withdrawal of the used blade with the back side of the cap, auto-lock function: automatic locking for safe working, blade snap off function at the belt clip.




Art.-No.	Blade	Blade segments			Barcode
014909	9 mm	13		5	
014918	18 mm	8		5	



### Snap off blade knife with auto-load function

PROFESSIONAL ★★★★★

with 1 pc. 18 mm snap off blade, blade guide made of robust stainless steel, easy withdrawal of the used blade with the back side of the cap, with auto-lock function: automatic locking for safe working, optimally weighted, solid zinc die-cast enclosure with rubber-coated anti-slip grip surface.




Art.-No.	Blade	Blade segments			Barcode
<b>20 pieces in a display</b>					
015121	18 mm	8		20	



### Auto-lock snap off blade knife with auto-load function

HIGH QUALITY ★★★★★

with 6 pcs. 18 mm snap off blades, 5 spare snap off blades in the locked blade magazine, unlocking simply by pushing the locking button, blade guide made of robust stainless steel, auto-load function, easy withdrawal of the used blade and automatic reloading from the blade magazine, auto-lock function: automatic locking for safe working, 2-component plastic enclosure with anti-slip grip surface.

Art.-No.	Blade	Blade segments	Spare blades			Barcode
<b>30 pieces in a display</b>						
014021	18 mm	8	5		30	





## Knife blades and knife sets

### Knife set with Japanese blade

PROFESSIONAL ★★★★★



with 1 pc. 18 mm Japanese tooling blade, blade guide made of robust stainless steel, easy withdrawal of the used blade with the back side of the cap, auto-lock function: automatic locking for safe working, profiled aluminium die-cast enclosure, super-sharp sawing in wood, mouldings, plastic, ideal on the road and in the workshop. You can use a standard 18mm snap off blade instead of the Japan saw blade.

Art.-No.	Length	Blade/ Width			Barcode
017118	100 mm	18 mm		2	4 009310 171185

### Snap off blade knife, 18 mm

QUALITY ★★★



with 1 pc. 18 mm snap off blade, easy withdrawal of the used blade with the back side of the cap, blade slider with lock function for safe working, plastic housing, blade snap off at the end of the cap.

Art.-No.	Blade	Blade segments			Barcode
026195	18 mm	8		24	4 009310 261954

### Snap off blade knife

QUALITY ★★★



with 1 pc. 9 and 18 mm snap off blade, easy withdrawal of the used blade with the back side of the cap, blade slider with lock function for safe working, plastic housing, blade snap off at the end of the cap.

Art.-No.	Blade	Blade segments			Barcode
026495	9 mm	13		24	4 009310 264955
026091	18 mm	8		20	4 009310 260919
026095	18 mm	8		24	4 009310 260957

### Snap off blade knife set with 5 spare blades

QUALITY ★★★



with 1 pc. 9 and 18 mm snap off blade and a blade box with 5 spare blades, easy withdrawal of the used blade with the back side of the cap, blade guide made of robust stainless steel, plastic housing, blade snap off at the end of the cap and hanging clip at the end of the handle.





Art.-No.	Blade	Blade segments	Spare blades			Barcode
026690	9 mm	13	5		10	4 009310 266904
026691	18 mm	18	5		10	4 009310 266911

## Knife blades and knife sets

### Snap off blade knife set, 3-pcs.

QUALITY ★★★★★

consisting of 2 knives with 9 mm snap off blade and 1 knife with 18 mm snap off blade, easy withdrawal of the used blade with the back side of the cap, one 9 mm and one 18 mm knife with a blade slider with lock function and one 9 mm knife with rotary wheel lock function for safe working, plastic housing, blade snap off at the cap.

Art.-No.	Blade	Blade segments			Barcode
025995	9 + 18 mm	13 + 8		12	



### Knife set 4 pcs.

QUALITY ★★★★★

The 4-piece knife set consists of a heavy universal knife set & a hobby snap off blade knife set with 5 spare blades each. The utility knife has an extra heavy metal body and is equipped with an extra sharp pocket knife. It has a replaceable standard trapezoidal blade and a practical metal trouser clip. A locking mechanism guarantees the safe opening and closing of the knife. The heavy utility knife has a length of 165mm and a blade box with 5 spare blades. The Hobby snap off blade knife set consists of 1 piece 18 mm snap off blade and a blade box with 5 spare blades. The used blade can be easily removed via the cap. The blade guide is made of robust stainless steel and the housing is made of plastic. The cap has a blade breaker and there is also a hanging device at the end of the handle.





Art.-No.	Dimensions	Blade thickness			Barcode
016990	165mm	18mm		6	



### Snap off blade knife set, 16-pcs. in round dispenser box

QUALITY ★★★★★

consisting of 8 knives with 9 mm snap off blade and 8 knives with 18 mm snap off blade, easy withdrawal of the used blade with the back side of the cap, blade slider with lock function for safe working, transparent plastic housing with coloured slider and cap, sorted by colour in blue, red, green, yellow, blade snap off at the cap.

Art.-No.	Blade	Blade segments			Barcode
026890	9 + 18 mm	13 + 8		6	



## Trapezoidal blade knife

### Professional trapezoid blade knife, 173 mm

PROFESSIONAL ★★★★★



Professional quality, with 1 pc. 60 x 19 mm trapezoid blade, spare blades compartment inside the handle, receptacle for trapezoid and hook blades, easy unlocking at the handle to change the used blade without tools, blade slider with 3 fixing positions for safe working, ergonomically designed zinc die-cast housing, length 173 mm.

Art.-No.	Length	Blade	Spare blades			Barcode
015010	173 mm	60 x 19 mm	1		2	4 009310 150104



### Professional trapezoid blade knife, 195 mm

PROFESSIONAL ★★★★★



Professional quality, with 2 pcs. 60 x 19 mm trapezoid blades, 1 spare blade in the blade compartment inside the handle, no tools required to change the used blade, blade holder with magnet, blade slider with 3 fixing positions for safe working, ergonomically designed zinc die-cast housing with anti-slip handle, length 195 mm.

Art.-No.	Length	Blade	Spare blades			Barcode
015410	195 mm	60 x 19 mm	2		2	4 009310 154102



### Professional trapezoid blade safety knife

PROFESSIONAL ★★★★★



Professional quality, with 1 pc. 60 x 19 mm trapezoid blade, spare blades compartment inside the handle, receptacle for trapezoid and hook blades, easy unlocking at the handle to change the used blade without tools, the safety slider automatically retracts after use, ergonomically designed zinc die-cast housing with anti-slip grip surface, length 173 mm.

Art.-No.	Blade			Barcode
015210	60 x 19 mm		2	4 009310 152108



## Trapezoidal blade knife

### Ergonomic trapezoid blade safety knife with cord cutter

PROFESSIONAL ★★★★★

with 1 pc. 60 x 19 mm trapezoid blade and 3 trapezoid spare blades inside the handle, integrated cord cutter, ergonomically designed 2-component rubber handle for safe grip, no tools required for easy exchange of the used trapezoid blade by the push of a button, receptacle for trapezoid and hook blades, manual adjustment for safety or manual mode, the safety blade slider automatically retracts after use, in manual mode the blade slider can be fixed for use in 3 fixing positions, ergonomically designed solid zinc die-cast housing, length 175 mm.

Art.-No.	Blade	Spare blades			Barcode
013320	60 x 19 mm	3		2	4 009310 133206



### Trapezoidal carpet knife with closed handle

PROFESSIONAL ★★★★★

with 1 pc. 49 x 19 mm trapezoid hook blade and 1 trapezoid spare hook blade and 2 trapezoid blades inside the handle, easy withdrawal of the used trapezoid blade by the push of a button, no tools required for exchange of the used blade, special design for cutting of carpets with hook blades, optimal power transmission for carpet cutting with the closed handle, receptacle for trapezoid and hook blades, blade slider with 3 fixing positions for safe working, solid zinc die-cast housing with rubber-coated handles, length 170 mm.

Art.-No.	Blade	Spare blades			Barcode
013400	60 x 19 mm, 49 x 19 mm	3		2	4 009310 134005



### Trapezoid blade hobby carpet cutter

HIGH QUALITY ★★★★★

with 1 pc. 60 x 19 mm trapezoid blade, receptacle for trapezoid and hook blades, blade slider with 9 fixing positions for safe working, ergonomically designed zinc die-cast housing, length 155 mm.

Art.-No.	Blade			Barcode
013710	60 x 19 mm		5	4 009310 137105



## Trapezoidal blade knife

### Trapezoid blade safety knife with cord cutter

PROFESSIONAL ★★★★★



with 1 pc. 60 x 19 mm trapezoid blade and 5 trapezoid spare blades inside the handle, integrated cord cutter, easy withdrawal of the used trapezoid blade by the push of a button, no tools required for exchange of the used blade, receptacle for trapezoid and hook blades, blade slider with 3 fixing positions for safe working, solid zinc die-cast housing with the handles rubber-coated on both sides, length 160 mm.

Art.-No.	Blade	Spare blades			Barcode
013310	60 x 19 mm	5		2	4 009310 133107

### Heavy all-purpose knife

HIGH QUALITY ★★★★★



Particularly heavy metal body with an extra sharp pocket knife, a replaceable standard trapezoid blade and a handy metal belt clip, safe locking of the open and closed knife, incl. 5 trapezoid spare blades in a practical dispenser box, length 165 mm.

Art.-No.	Blade			Barcode
016910	60 x 19 mm		2	4 009310 169106

### Heavy all-purpose knife

HIGH QUALITY ★★★★★



Particularly heavy metal body with an extra sharp pocket knife, a replaceable standard trapezoid blade and a handy metal belt clip, safe locking of the open and closed knife, length 165 mm.

Art.-No.	Blade			Barcode
<b>16 pieces in a display</b>				
016921	without spare blades		16	4 009310 169212

## Trapezoidal blade knife

### Trapezoid blade jack-knife with nylon pocket

PROFESSIONAL ★★★★★

with 1 pc. 60 x 19 mm trapezoid blade and 3 trapezoid spare blades in a blade box, the handle incorporates an almost invisible storage compartment for up to 5 trapezoid blades, no tools required for easy withdrawal of the used trapezoid blade by the push of a button, can also be used for hook blades, ergonomically designed rubber-coated handle especially for cutting of carpets, matt finish metal-plastic housing with rubber-coated handle, easy storage when folded in the nylon sheath, length open 150 mm.

Art.-No.	Blade			Barcode
013100	60 x 19 mm		2	



### Extractable trapezoid blade knife with plastic belt clip

PROFESSIONAL ★★★★★

with 1 pc. 60 x 19 mm trapezoid blade and 3 trapezoid spare blades in a blade box, the blade guide extends by 3 cm by the lateral slider, blade slider with 7 fixing positions for safe working, no tools required for easy withdrawal of the used trapezoid blade by the unlocking slider, can also be used for hook blades, ergonomically designed 2-component handle especially for cutting of carpets, safely stored in the plastic belt clip when retracted, length 115 mm, extracted length 145 mm.

Art.-No.	Blade			Barcode
013200	60 x 19 mm		2	



## Special knife

### Professional insulation knife

PROFESSIONAL ★★★★★



Professional quality, with 1 pc.140 x 18 mm insulation blades, easy unlocking at the handle to change the used blade without tools, ergonomically designed zinc die-cast housing, suitable for cutting of glass fibre and other insulating and foam materials, length 173 mm.

Art.-No.	Blade			Barcode
015710	140 x 18 mm		2	4 009310 157103



### Insulation knife

PROFESSIONAL ★★★★★



extra long rust-proof and polished double cut blade, 270 mm, with serrated blade for soft insulation materials such as insulation mats, glass or mineral wool and micro toothing and/or saw cut for harder insulation materials such as foam sheets, polystyrene, expanded material, fibre insulating boards, handle made of real wood with finger protection on one side.

Art.-No.	Length			Barcode
015920	270 mm		2	4 009310 159206



### Cable stripper with hook blade

PROFESSIONAL ★★★★★



made of impact-resistant plastic, for precise and quick stripping or longitudinal cut of all standard round cables, the cutting depth can be adjusted with the setting screw, the rotatable interior knife automatically adjusts from round and longitudinal cut, hook blade with blade cover, one additional spare blade inside the enclosure, for trade, industry or home use.

Art.-No.	Length			Barcode
025410	4 – 28 mm		1	4 009310 254109



### Automatic insulation stripping pliers

PROFESSIONAL ★★★★★



made of impact-resistant plastic, adjustable length stop for 5 to 12 mm stripping length, V-shaped cutting blade for stripping of rigid or flexible 0.2 to 6 mm<sup>2</sup> PVC cable, automatic stripping of the wire cross section with the adjusted stripping length, incl. locking button to restrict the blade travel and for space-saving storage, integrated easily reachable side cutter up to max. 2 mm Ø, for trade, industry or home use.

Art.-No.	Length			Barcode
401310	0,2 - 6,0 mm (24- 10 AWG)		1	4 009314 013108







## Special knife

### Laminate edge trimmer

PROFESSIONAL ★★★★★

With 2 longitudinal cutters and 4 bevel cutters, for laminate edging strip or veneers, trims both sides and bevels in one operation, for material thickness up to 40mm

Art.-No.	Content			Barcode
020300	with 2 trimming blades and 4 bevel blades		1	 4 009310 203008





## Multifunction tool and pocket knife

### FIRE DEPT rescue knife

PROFESSIONAL ★★★★★



Professional emergency tool, ideal for the car for rescue after an accident, with 90 mm long razor-sharp rustproof switch blade made of 440 A performance steel, secure locking of the blade, glass breaker, seat belt cutter, belt clip and shell type aluminium handles with Fire Dept symbol.



Art.-No.	Blade			Barcode
014710	90 mm		2	4 009310 147104

### Mini safety knife (box knife)

QUALITY ★★★



with 1 pc. 39 x 29 mm rectangular blade, the blade can be used on 4 sides by turning, the safety blade slider slides back automatically after use, easy exchange of the blade by sliding the blade holder open, extra thin metal-plastic housing, suitable for right and left-handed persons.



Art.-No.	Blade			Barcode
013000	39 x 29 mm		5	4 009310 130007

### Hobby knife with mini LED torch light

QUALITY ★★★



with pocket knife blade 60 mm, trapezoid blade knife and mini LED torch light (incl. batteries), pocket knife blade made of stainless steel, handy belt clip, safe locking of the blades.



Art.-No.	Blade			Barcode
<b>20 pieces in a display</b>				
016592	60 x 19 mm, 60 mm		20	4 009310 165924

### Hobby knife with bit holder and 4 bits

HIGH QUALITY ★★★★★



modern hobby knife with 80 mm long razor-sharp blade with saw cut, secure locking of the blade, foldable bit holder with measuring scale in mm and inch, 4 bits made of CV steel, PH1, PH2, PU1, slot 4 mm, with handy belt clip






Art.-No.	Content	Blade			Barcode
<b>carded</b>					
016620	4 x CV ● 1/4" C 6.3 ⊖ 4 mm ⊕ PH1, PH2 ⊕ PZ1	80 mm		2	4 009310 166204

## Multifunction tool and pocket knife

### Hobby knife with bit holder and 4 bits

HIGH QUALITY ★★★★★

modern hobby knife with 80 mm long razor-sharp blade with saw cut, incl. built-in bottle opener on the handle, secure locking of the blade, foldable bit holder with measuring scale in mm and inch, 4 bits made of CV steel, PH1, PH2, PU1, slot 4 mm, with handy belt clip





Art.-No.	Content	Blade			Barcode
<b>16 pieces in a display</b>					
016630	4 x CV ● 1/4" C 6.3 ⊖ 4 mm ⊕ PH1, PH2 ⊕ PZ1	80 mm		16	 4 009310 166303



### Hobby knife, 1 pc.

QUALITY ★★★★★

the ideal companion for leisure and hobby. With a 7.5 cm long stainless steel switchblade and an aluminium and plastic shell-type handle, incl. nylon belt bag





Art.-No.	Blade			Barcode
<b>10 pieces in a display</b>				
016020	75 mm		10	 4 009310 160202



### Pocket knife, 11 pcs.

QUALITY ★★★★★

the ideal companion for leisure and hobby. Consists of 11 practical tools made of stainless steel, such as saws, fish scaler, bottle opener, Philips and slotted screwdriver, knife blade, file and bottle and can opener cork screw, awl and key ring, the handle on both sides consists of an aluminium and plastic shell.

Art.-No.	Length			Barcode
<b>10 pieces in a display</b>				
016120	90 mm		10	 4 009310 161209



## Multifunction tool and pocket knife

Multi-function tool, 8 pcs.

QUALITY ★★★★★



the ideal companion for leisure and hobby. The handles are made of an aluminium insert. Inside the handle are 8 practical tools made of stainless steel, such as Philips and slotted screwdriver, file, knife with serrated blade, double-tooth saw, can opener, small screwdriver, at the end of the handle is a small combination plier with wire cutter, with spring-loaded opening, incl. nylon belt.

Art.-No.	Length			Barcode
<b>6 pieces in a display</b>				
016220	102 mm		6	4 009310 162206
<b>10 pieces in a display</b>				
016225	105 mm		10	4 009310 162251

## Outdoor and garden knife with quiver

HIGH QUALITY ★★★★★



with solid 3,2 mm thick rustproof steel blade, the blade narrows towards the tip and allows precise working, ergonomic, rubber-coated handle for secure grip, incl. plastic quiver for clipping to the belt, with water drain hole in the quiver

Art.-No.	Length	Blade thickness			Barcode
<b>18 pieces in a display</b>					
021700	220 mm	3,2 mm		18	4 009310 217005

## Hunting knife with bubinga wood handle

PROFESSIONAL ★★★★★



solid hunting knife, 22 cm long, with 90 mm hollow ground rustproof blade, the knife is made of one piece of high-quality steel, the shell type handle is ground from high-quality bubinga wood, ideal for camping, hunting, leisure, trekking or as sheath knife, the hand-sewn calf leather scabbard with knife holder and belt loop fits to the knife.

Art.-No.	Length	Blade			Barcode
021920	220 mm	90 mm		2	4 009310 219207

## Small switchblade hunting knife with wooden handle

QUALITY ★★★★★



solid switchblade hunting knife, 16 cm long, with 60 mm hollow ground rustproof blade, ergonomic handle, shell-type handle on one side ground from wood, safe locking of the open and closed knife, ideal for camping, hunting, leisure, trekking or as sheath knife.

Art.-No.	Blade			Barcode
021990	60 mm		6	4 009310 219900

## Craft knife

### Hobby knife pen with pen function

PROFESSIONAL ★★★★★

Hobby knife pen in handy ballpoint pen design made of plastic with rubber-coated grip zone for safe working, with an extremely sharp 30° mini scalpel blade, ideal for very fine and filigree carving, graphics and model making work with paper, cardboard, foils, leather, fabric or PVC and especially for fine contours when creating templates, 2 extremely sharp 30° mini spare blades, made of stainless steel, in a handy plastic storage box.



Art.-No.	Length	Spare blades			Barcode
014910	142 mm	2		3	4 009310 149108

### Hobby knife set, 7 pc.

HIGH QUALITY ★★★★★

ideal for handicrafts and graphics work or model making work with paper, cardboard, foils, leather, fabric and PVC, 1 aluminium blade handle with rubber-coated grip zone for safe working, magnetic shaft end for easy withdrawal of the blades from the storage box, 6 different, extremely sharp 5 mm blade shapes in a handy plastic storage box.



Art.-No.	Content			Barcode
014920	7 pieces		3	4 009310 149207

### Hobby knife set, SAFETY SYSTEM

PROFESSIONAL ★★★★★

Knife exchange without touching the sharp blades. Simply put the blade handle on the desired blade shape, turn it to the right and pull the blade from the holder using the blade knife. Ideal for handicrafts or model making with paper, cardboard, foils, leather, fabric and PVC, 2 aluminium blade handles, for 5 mm and 9 mm blades, 9 different extremely sharp 5 mm blade shapes and 3 different extremely sharp 9 mm blade shapes.



Art.-No.	Content			Barcode
<b>8 pieces in a display</b>				
922910	14 pieces		8	4 009319 229108



### Circular cutter

QUALITY ★★★★★

made of plastic, suitable for marking and cutting of precise circles and round shapes into different materials such as e.g. cardboard, foil, paper, foam rubber, fabric and leather up to a maximum circle diameter of 230 mm, exchangeable blade, with radius and diameter scale, with 3 blades

Art.-No.	Ø mm			Barcode
922920	40 – 230 mm		10	4 009319 229207



## Snap off blades

### Spare snap off blades

PROFESSIONAL ★★★★★



in a practical safety dispenser box, razor-sharp spare blades, 3-facet knife blade, ice-hardened blade, with long lifecycle, very sharp cut, 12 snap off blade segments and 13 blade tips.

Art.-No.	Content	Blade/ Width	Blade segments			Barcode
022911	11	9 mm	13		5	
023306	6	18 mm	8		5	
023506	5	25 mm	7		5	

### Spare snap off blades

QUALITY ★★★



in a plastic box, razor-sharp spare blades, long lifecycle, very sharp cut.

Art.-No.	Content	Blade/ Width	Blade segments			Barcode
022990	10	9 mm	13		24	
023395	10	18 mm	8		24	

### TITANIUM spare snap off blades

PROFESSIONAL ★★★★★



in a practical safety dispenser box, razor-sharp spare blades, 3-facet knife blade, ice-hardened blade, titanium coating for up to 8 x longer lifecycle and very sharp straight cut, 8 snap off blade segments and 9 blade tips.

Art.-No.	Content	Blade/ Width	Blade segments			Barcode
023206	6	18 mm	8		2	

### Insulation spare snap off blades

PROFESSIONAL ★★★★★



in a practical safety dispenser box, razor-sharp serrated spare blades, ice-hardened blade, with long lifecycle, very sharp cut, 8 snap off blade segments and 9 blade tips.



Art.-No.	Content	Blade/ Width	Blade segments			Barcode
024605	5	18 mm	8		2	

## Snap off blades

### Snap off blades, broad, 18mm

PROFESSIONAL ★★★★★

5 blades, high carbon steel, ice hardened, bright, in plastic bag




Art.-No.	Content	Dimensions			Barcode
023311	5	108 x 18 mm		5	



### spare snap off blades

QUALITY ★★★★★

in a plastic box, razor-sharp spare blades, long lifecycle, very sharp cut, 8 snap off blade segments and 9 blade tips

Art.-No.	Content	Blade/ Width	Blade segments			Barcode
<b>35 pieces in a display</b>						
023392	10	18 mm	8		35	



## Trapezoidal blades

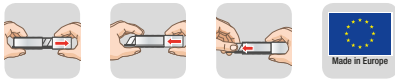
### Trapezoid spare blades

PROFESSIONAL ★★★★★



in a practical safety dispenser box, razor-sharp spare blades, 3-facet knife blade, ice-hardened blade, with long lifecycle, very sharp cut

Art.-No.	Content	Blade	Blade thickness			Barcode
022806	6	60 x 19 mm	0,5 mm		5	4 009310 228063
024106	6	52 x 19 mm	0,5 mm		5	4 009310 241062



### Trapezoid spare blades

PROFESSIONAL ★★★★★



in a plastic box, razor-sharp spare blades, with long lifecycle, very sharp cut.

Art.-No.	Content	Blade	Blade thickness			Barcode
022906	6	60 x 19 mm	0,5 mm		5	4 009310 229060



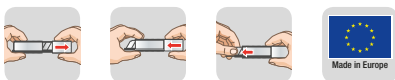
### Trapezoid spare hook blades

PROFESSIONAL ★★★★★



in a practical safety dispenser box, razor-sharp spare hook blades, 3-facet knife blade, ice-hardened blade, with long lifecycle, very sharp cut, ideal for carpet cutting.

Art.-No.	Content	Blade	Blade thickness			Barcode
024306	6	49 x 19 mm	0,5 mm		5	4 009310 243066




## Special types

### Spare saw blades with Japanese tootingh

PROFESSIONAL ★★★★★

in a plastic box, razor-sharp spare blades with Japanese tootingh, long lifecycle and very sharp cut, cutter blade with saw cut





Art.-No.	Content	Length	Blade/ Width			Barcode
023103	3	100 mm	18 mm		5	4 009310 231032



### Insulation spare blades

PROFESSIONAL ★★★★★

ice-hardened blade, with very long lifecycle and very long sharp cut, with smooth blade suitable for cutting glass fibre and other insulation and foam materials as well as polystyrene


Art.-No.	Content	Length	Blade/ Width			Barcode
024710	1	220 mm	18 mm		2	4 009310 247101
024730	3	140 mm	18 mm		2	4 009310 247309



### Spare blades for penholder craft knife

QUALITY ★★★

4 extremely sharp 30° mini scalpel blades made of high-quality stainless steel in 2 practical plastic boxes


Art.-No.	Content	Length	Blade/ Width			Barcode
023710	4 pieces	35 mm	∅ 5 mm		5	4 009310 237102



### Scalpel spare blades for craft knife set

HIGH QUALITY ★★★★★

extremely sharp scalpel blades made of high-quality stainless steel in a practical plastic box

Art.-No.	Content			Barcode
023730	30		5	4 009310 237300



30x

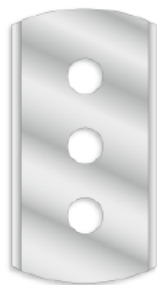




## Special types

### 3-hole spare blade for household scraper

PROFESSIONAL ★★★★★



5 pcs. 43 x 23 mm double-side razor-sharp 3-hole spare blade with rounded sides, made of stainless steel

Art.-No.	Content	Blade			Barcode
023905	5	43 x 23 mm		10	4 009310 239052

### Blades for long scraper

PROFESSIONAL ★★★★★



10 pcs. 100 mm spare blades in a practical safety dispenser box, each blade is individually withdrawn from the blade slider, the blade has a sharp and blunt side and can be used with both sides

Art.-No.	Content	Length	Blade/ Width			Barcode
024010	10	100 mm	19 mm		10	4 009310 240102

### Spare blade set

PROFESSIONAL ★★★★★



For part no. 020300, 4 bevel cutters, 2 longitudinal blades

Art.-No.	Content	for			Barcode
020310	4 bevel knives, 2 longitudinal cutters	Part no. 020300		2	4 009310 203107







## Working scissors, household scissors and handcraft scissors

### Titanium all-purpose work scissors

PROFESSIONAL ★★★★★

handy, straight all-purpose work scissors with ergonomic 2-component handle, resistant titanium coating, specially ground and durable for precise sharp cutting into paper, cardboard, leather, rubber, foil, thin plastic, fabric etc., suitable for right and left-handed persons




Art.-No.	Length			Barcode
<b>carded</b>				
020923	235 mm		3	



### Titanium all-purpose work scissors

PROFESSIONAL ★★★★★

handy, straight all-purpose work scissors with ergonomic 2-component handle, resistant titanium coating, specially ground and durable for precise sharp cutting into paper, cardboard, leather, rubber, foil, thin plastic, fabric etc., suitable for right and left-handed persons


Art.-No.	Length			Barcode
<b>12 pieces in a display</b>				
020930	235 mm		12	



### Titanium all-purpose work scissors

PROFESSIONAL ★★★★★

handy, straight all-purpose work scissors with ergonomic 2-component handle, resistant titanium coating, specially ground and durable for precise sharp cutting into paper, cardboard, leather, rubber, foil, thin plastic, fabric etc., suitable for right and left-handed persons




Art.-No.	Length			Barcode
020921	210 mm		3	



### Titanium all-purpose work scissors

PROFESSIONAL ★★★★★

handy, straight all-purpose work scissors with ergonomic 2-component handle, resistant titanium coating, specially ground and durable for precise sharp cutting into paper, cardboard, leather, rubber, foil, thin plastic, fabric etc., suitable for right and left-handed persons

Art.-No.	Length			Barcode
<b>12 pieces in a display</b>				
020920	210 mm		12	



## Working scissors, household scissors and handcraft scissors

### Titanium all-purpose work scissors small

PROFESSIONAL ★★★★★



handy, small, straight all-purpose work scissors with ergonomic 2-component handle, resistant titanium coating, specially ground and durable for precise sharp cutting into paper, cardboard, leather, rubber, foil, thin plastic, fabric etc., suitable for right and left-handed persons



Art.-No.	Length			Barcode
<b>carded</b>				
020917	175 mm		5	4 009310 209178

### Titanium all-purpose work scissors small

PROFESSIONAL ★★★★★



handy, small, straight all-purpose work scissors with ergonomic 2-component handle, resistant titanium coating, specially ground and durable for precise sharp cutting into paper, cardboard, leather, rubber, foil, thin plastic, fabric etc., suitable for right and left-handed persons.



Art.-No.	Length			Barcode
<b>16 pieces in a display</b>				
020910	175 mm		16	4 009310 209109

### Wallpaper scissors

PROFESSIONAL ★★★★★



handy, large, cranked wallpaper scissors with ergonomic 2-component handle, bolted stainless steel blade, 130 mm cutting length, specially ground and durable for precise sharp cutting into wallpaper, paper, suitable for right and left-handed persons.



Art.-No.	Length			Barcode
020630	280 mm		5	4 009310 206306

### Cable shears

HIGH QUALITY ★★★★★



handy, small cable shears or electrician's shears, 145 mm long, for cutting or stripping of cables, stainless steel blade, notch for stripping, one blade with fine saw toothing to prevent the cable from slipping off, bolted joint for readjustment, 2-component handle with ergonomic special design, cuts cables, thin wire, insulating tape, paper, cardboard, suitable for right and left handed persons.



Art.-No.	Length			Barcode
025600	145 mm		4	4 009310 256004

## Working scissors, household scissors and handcraft scissors

### Household scissors

PROFESSIONAL ★★★★★

handy, robust household scissors, length 200 mm, stainless steel blade with serrated saw cut of 80 mm, integrated bottle opener, nutcracker, two equal ergonomic handles, for cutting of paper, cardboard, thin plastic, suitable for right and left-handed persons.


Art.-No.	Length			Barcode
020721	205 mm		5	



### Household scissors

QUALITY ★★★★★

handy, robust household scissors, length 215 mm, stainless steel blade with serrated saw cut of 80 mm, integrated bottle opener, nutcracker, ergonomic handles, for cutting of paper, cardboard, thin plastic, suitable for right and left-handed persons.





Art.-No.	Length			Barcode
027195	215 mm		5	



### Scissors set 3-pcs.

QUALITY ★★★★★

consisting of one small, straight 135 mm fabric scissors and dressmaker shear and two cranked 210/245 mm household and all-purpose scissors, with ergonomic 2-component handle, stainless steel scissor blades, suitable for right and left-handed persons

Art.-No.	Length			Barcode
021595	140, 210, 250 mm		6	



### Craft and fabric scissors

PROFESSIONAL ★★★★★

235 mm long extremely sharp zigzag scissors with 2-component handle, blades made of stainless steel, ideal for professional and private tailoring, textiles, fabric, lining, paper and crafts, for right-handed persons

Art.-No.	Length			Barcode
020700	235 mm		3	



## Working scissors, household scissors and handcraft scissors

### Children's craft scissors

HIGH QUALITY ★★★★★



Craft scissors for children, length 165 mm, yellow/light blue with zigzag contour cutting head, the scissors handle can be exchanged by other contour heads from the same scissors line, ideal for creative cutting for handicrafts, making or wrapping of gifts... and many more, rustproof blades with safe rounded tip, suitable for right and left-handed persons.

Please observe: Not for children under 3 years of age! Has hazardous edges and tips. Use under adult supervision.

Art.-No.	Length			Barcode
020890	165 mm		10	4 009310 208904

### Children's scissor's set, 8 pcs.

HIGH QUALITY ★★★★★



8 colourful craft scissors for children, length 165 mm, with different zigzag or serrated cut contour heads and one scissors handle, all contour heads are exchangeable among each other, ideal for creative cutting for handicrafts, making or wrapping of gifts... and many more, rustproof blades with safe rounded tip, suitable for right and left-handed persons.

Please observe: Not for children under 3 years of age! Has hazardous edges and tips. Use under adult supervision.

Art.-No.	Content	Length			Barcode
020895	8 pieces	165 mm		5	4 009310 208959



## Scraper

### Window and floor scraper with long handle

HIGH QUALITY ★★★★★

The 25 cm extra-long handle allows more force to be applied to the workpiece. The blade with a width of 100 mm can be used with the sharp and blunt side, thus it is a versatile tool also for large surfaces when used as window scraper, glass scraper, floor scraper or wall scraper, incl. 3 pcs. of 100 mm spare blade.



Art.-No.	Blade/ Width	Blade	Spare blades			Barcode
013820	19 mm	100 mm	3		2	4 009310 138201

### Stainless steel household scraper

HIGH QUALITY ★★★★★

an indispensable helper in household or workshop, dirt, paint, labels are easily removed from window panes, mirrors, glass cooktops, with the 43 mm wide double-sided scraper blade. The slider is pulled out of the locking mechanism for use. The slider should be pushed back into the locking mechanism after use to prevent injuries. Easy blade exchange by releasing the screw, incl. 3 additional spare blades.



Art.-No.	Blade	Spare blades			Barcode
013810	43 x 23 mm	3		2	4 009310 138102

### Window scraper

QUALITY ★★★★★

solid scraper with 60 x 19 mm trapezoid blade, an indispensable helper in household or workshop, dirt, paint, labels are easily removed from window panes, mirrors, glass cooktops, with the 43 mm wide double-sided scraper blade. The slider is pulled out of the locking mechanism for use. The slider should be pushed back into the locking mechanism after use to prevent injuries. No tools required to change the blades.



Art.-No.	Blade			Barcode
013990	60 x 19 mm		2	4 009310 139901

## Garden shears

Multi-purpose stainless steel garden clippers

QUALITY ★★★★★



190 mm long multi-purpose garden clippers with 2-component handle, offers comfortable non-slip grip. Fresh greenery can be effortlessly cut with the 50 mm tapered blades. The slim straight shear head allows for quick, neat and precise cutting of flowers, plants, herbs, garden work, young shoots or other objects. The lock is used to easily close the multi-purpose clippers for safe storage, suitable for right and left-handed persons.



Art.-No.	Length			Barcode
926790	190 mm		6	 4 009319 267902



# SCREWING TOOLS





# SCREWING TOOLS

## The advantages of our screwdrivers

- CrV steel
- with 3-component grip for optimal power transfer and non-slip working
- blade CrV steel
- VDE Screwdriver, VDE/GS tested
- quickly distinguishable colour code system
- practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall



## Range overview Screwing tools



### Open end spanners

TÜV Rheinland GS tested, DIN 3110, CrV steel, satin finish, wave profile, for use with hexagonal or square nuts and bolts.

Page 62 – 64



### Ring spanners

TÜV Rheinland GS tested, DIN 838, CrV steel, satin finish, wave profile, for use with hexagonal or square nuts and bolts.

Page 61, 63 – 64



### Adjustable spanner

CrV steel, satin finish, 2-component grip for optimal power transfer and fatigue-free working, adjustable wrench for loosening and tightening threaded fasteners, jaw width continuously adjustable.

Page 67



### L-socket offset wrenches

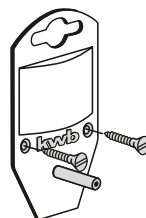
Matt chrome plated, both ends the same spanner size, special hollow profile with hexagon in handle, the short head is through-bored for accessing nuts on studs or close to edges, with wave profile, especially for working on studs and threaded rod.

Page 66

## PACKAGING CLIP CAN BE USED AS CONVENIENT TOOL HOLDER

**MUST HAVE**

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



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



### Engineer's screwdrivers

CrV steel, 3-component grip for optimal power transfer and slip-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall..

Page 68 – 72



### Stubby screwdrivers,

CrV steel, 3-component grip for optimal power transfer and slip-free working, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

Page 69 – 70



### VDE insulated screwdriver,

VDE certified, CrV steel, 3-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

Page 73 – 74



### Hexagon key

DIN911, CrV steel, one end with ball head for off-centre applications in areas difficult to access.

Page 75 – 76



### T-grip screwdriver

with hanger for the workshop wall, simply screw the plastic clip on the workshop wall. CrV steel, 2-component grip for high power transfer and slip-free working, chrome plated, short and long blade, for significantly more powerful working as compared to conventional screwdrivers. Colour code system on the package for easier allocation to different applications.

Page 78 – 79

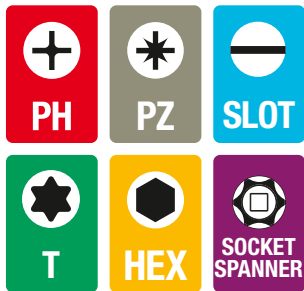


### Torque wrench

Verchromt, CV-Stahl, selbstauslösender automatischer Drehmomentschlüssel mit eingebauter Umschaltknarre, hohe Meßgenauigkeit, Skala in Nm und lbs/ft. Messung bei Rechts- und Linksgang; Antrieb: 1/2", in Kunststoffbox

Page 67

## TECHNICAL TERMS



### Design

The flat-headed rotatable top enables fine adjustment, particularly useful in precision engineering.

### Colour coding system

Easily recognisable colour coding system instantly indicates the required blade type.



### Handle

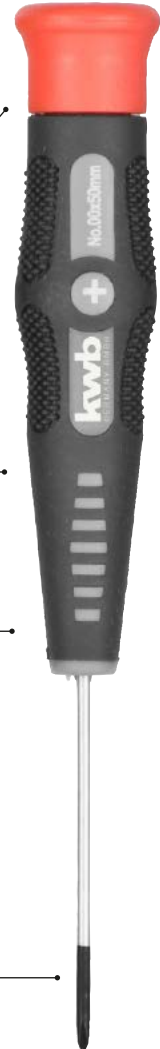
2-component grip for optimal power transfer and non-slip working.

### Identification

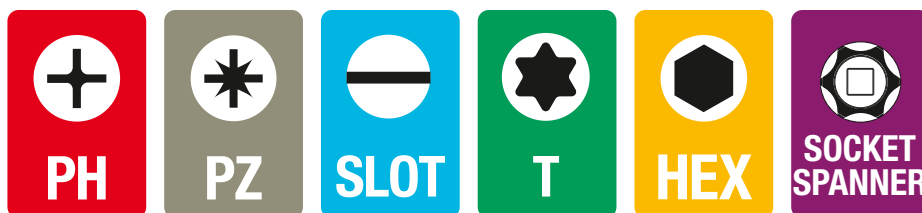
Symbol on the end of the handle shows the blade type and size.

### Blade

Chrome-vanadium (CrV) steel, matt chrome plated, with chemically blacked precision tips.



## FIND THE APPROPRIATE SCREW SHAPE QUICKLY AND EASILY



## Box wrenches and open-end wrenches

### Ring spanner

PROFESSIONAL ★★★★★

TÜV Rheinland GS tested, DIN 838, CrV steel, satin finish, wave profile, for use with hexagonal or square nuts and bolts

Art.-No.	Dimensions			Barcode
440607	6 x 7 mm		3	4 009314 406078
440809	8 x 9 mm		3	4 009314 408096
441011	10 x 11 mm		3	4 009314 410112
441213	12 x 13 mm		3	4 009314 412130
441317	13 x 17 mm		3	4 009314 413175
441415	14 x 15 mm		3	4 009314 414158
441617	16 x 17 mm		3	4 009314 416176
441719	17 x 19 mm		3	4 009314 417197
441819	18 x 19 mm		3	4 009314 418194
442022	20 x 22 mm		2	4 009314 420227
442123	21 x 23 mm		2	4 009314 421231
442427	24 x 27 mm		2	4 009314 424270
443032	30 x 32 mm		2	4 009314 430325



CV



### Ring spanner set, 8pc.

PROFESSIONAL ★★★★★

TÜV Rheinland GS tested, DIN 838, CrV steel, satin finish, wave profile, for use with hexagonal or square nuts and bolts

Art.-No.	Dimensions			Barcode
440300	6 - 22 mm		1	4 009314 403008



CV



### Ring spanner set, 8 pcs.

QUALITY ★★★

CrV-steel, 6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 17 mm, 18 x 19 mm, 20 x 22 mm, for use with hexagonal or square nuts and bolts.

Art.-No.	Dimensions			Barcode
440390	6 - 22 mm		4	4 009314 403909



CV



## Box wrenches and open-end wrenches

### Open end spanners

PROFESSIONAL ★★★★★



TÜV Rheinland GS tested, DIN 3110, CrV steel, satin finish, wave profile, for use with hexagonal or square nuts and bolts

Art.-No.	Dimensions			Barcode
450607	6 x 7 mm		3	
450809	8 x 9 mm		3	
451011	10 x 11 mm		3	
451213	12 x 13 mm		3	
451317	13 x 17 mm		3	
451415	14 x 15 mm		3	
451617	16 x 17 mm		3	
451719	17 x 19 mm		3	
451819	18 x 19 mm		3	
452022	20 x 22 mm		2	
452427	24 x 27 mm		2	
453032	30 x 32 mm		2	
452123	21 x 23 mm		2	

### Open end spanner set, 8pc.

PROFESSIONAL ★★★★★



TÜV Rheinland GS tested, DIN 3110, CrV steel, satin finish, wave profile, for use with hexagonal or square nuts and bolts

Art.-No.	Dimensions			Barcode
470300	6 - 22 mm		1	

### Open end spanner set, 8 pcs.

QUALITY ★★★



CrV-steel, 6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 17 mm, 18 x 19 mm, 20 x 22 mm, for use with hexagonal or square nuts and bolts.

Art.-No.	Dimensions			Barcode
470390	6 - 22 mm		4	

## Box wrenches and open-end wrenches

### Combination spanners

PROFESSIONAL ★★★★★

TÜV Rheinland GS tested, DIN 3113 A, CrV steel, satin finish, wave profile, for use with hexagonal or square nuts and bolts

Art.-No.	Dimensions			Barcode
460206	6 mm		2	4 009314 602067
460207	7 mm		2	4 009314 602074
460208	8 mm		2	4 009314 602081
460209	9 mm		2	4 009314 602098
460210	10 mm		2	4 009314 602104
460211	11 mm		2	4 009314 602111
460212	12 mm		2	4 009314 602128
460213	13 mm		2	4 009314 602135
460214	14 mm		2	4 009314 602142
460215	15 mm		2	4 009314 602159
460216	16 mm		2	4 009314 602166
460217	17 mm		2	4 009314 602173
460218	18 mm		2	4 009314 602180
460219	19 mm		2	4 009314 602197
460220	20 mm		2	4 009314 602203
460222	22 mm		2	4 009314 602227
460224	24 mm		2	4 009314 602241
460227	27 mm		2	4 009314 602272
460230	30 mm		2	4 009314 602302
460232	32 mm		2	4 009314 602326



CV



### Combination spanner set, 8pc.

PROFESSIONAL ★★★★★

TÜV Rheinland GS tested, DIN 3113 A, CrV steel, satin finish, wave profile, for use with hexagonal or square nuts and bolts

Art.-No.	Dimensions			Barcode
460300	8 - 19 mm		1	4 009314 603002



CV



## Box wrenches and open-end wrenches

### Combination spanner set, 8 pcs.

QUALITY ★★★★★



CrV-steel, matt, chromed, tool steel, 8, 9, 10, 11, 13, 14, 17, 19 mm.

Art.-No.	Dimensions			Barcode
460390	8 - 19 mm		4	4 0093 14 603903

CV



### Ratchet combination spanner

PROFESSIONAL ★★★★★



CrV steel, satin finish, wave profile, 72-tooth ratchet, for use with hexagon or square headed bolts and nuts

Art.-No.	Dimensions			Barcode
460408	8 mm		2	4 0093 14 604085
460410	10 mm		2	4 0093 14 604108
460413	13 mm		2	4 0093 14 604139
460415	15 mm		2	4 0093 14 604153
460417	17 mm		2	4 0093 14 604177
460419	19 mm		2	4 0093 14 604191

CV



### Combination ratchet spanner set, 4 pcs.

QUALITY ★★★★★



CrV-steel, matt, chromed, tool steel, ratchet with 72 fine teeth and wave profile, drop-forged, 10, 13, 15, 17 mm. In special display pack to show ratchet operation.

Art.-No.	Dimensions			Barcode
460490	10, 13, 15, 17 mm		6	4 0093 14 604900





















CV

## Special key

### Box spanner

PROFESSIONAL ★★★★★

to DIN 896, CrV steel, satin finish, ideal for recessed hexagon bolts and nuts, including through hole for tommy bar





Art.-No.	Dimensions			Barcode
110607	6 x 7 mm		3	
110809	8 x 9 mm		3	
111011	10 x 11 mm		3	
111213	12 x 13 mm		3	
111317	13 x 17 mm		3	
111415	14 x 15 mm		3	
111617	16 x 17 mm		3	
111819	18 x 19 mm		3	
112022	20 x 22 mm		3	



### Box spanner set, 10 pcs.

QUALITY ★★★★★

Tool steel, chrome plated, Hollow shaft made of seamless steel pipe, 8 pipe socket wrenches in size 6 - 22 mm and 2 tommy bars 130 mm and 140 mm long.

Art.-No.	Content			Barcode
110590	6 x 7 mm, 8 x 9 mm, 10 x 11 mm, 12 x 13 mm, 14 x 15 mm, 16 x 17 mm, 18 x 19 mm, 20 x 22 mm, 2 tommy bars 130 mm, 140 mm		5	





## Special key

### L-socket offset wrenches

HIGH QUALITY ★★★★★



Matt chrome plated, both ends the same spanner size, special hollow profile with hexagon in handle, the short head is through-bored for accessing nuts on studs or close to edges, with wave profile, especially for working on studs and threaded rod

Art.-No.	Dimensions			Barcode
470108	8 mm		2	4 0093 14 701081
470109	9 mm		2	4 0093 14 701098
470110	10 mm		2	4 0093 14 701104
470111	11 mm		2	4 0093 14 701111
470112	12 mm		2	4 0093 14 701128
470113	13 mm		2	4 0093 14 701135
470114	14 mm		2	4 0093 14 701142
470115	15 mm		2	4 0093 14 701159
470116	16 mm		2	4 0093 14 701166
470117	17 mm		2	4 0093 14 701173
470118	18 mm		2	4 0093 14 701180
470119	19 mm		2	4 0093 14 701197
470120	20 mm		2	4 0093 14 701203
470121	21 mm		2	4 0093 14 701210

### L-socket offset wrench set

HIGH QUALITY ★★★★★



Matt chrome plated, both ends the same spanner size, special hollow profile with hexagon in handle, the short head is through-bored for accessing nuts on studs or close to edges, with wave profile, especially for working on studs and threaded rod











Art.-No.	Content	Dimensions			Barcode
470150	5	8 - 9 - 10 - 11 - 13 mm		2	4 0093 14 701500

## Special key

### Adjustable spanner

PROFESSIONAL ★★★★★

CrV steel, satin finish, 2-component grip for optimal power transfer and fatigue-free working, adjustable wrench for loosening and tightening threaded fasteners, jaw width continuously adjustable



Art.-No.	Opening			Barcode
167700	3/4" / 18 mm		2	
167800	1" / 24 mm		2	
167900	1 1/8" / 28 mm		2	
168000	1 1/4" / 32 mm		2	



### Basin wrench, universal

HIGH QUALITY ★★★★★

Adjustable swivel head for inaccessible areas, for example back nuts on baths, basins and taps, hardened steel jaws





Art.-No.	Length			Barcode
981000	290 mm		2	



### Torque wrench

PROFESSIONAL ★★★★★

Chrome plated, CrV steel, self-triggering automatic torque wrench with inbuilt ratchet, high accuracy, scale in Nm and lbs/ft. Measuring possible clockwise and anti-clockwise, 1/2" drive, in plastic storage box







Art.-No.	Dimensions	Opening			Barcode
374700	28 - 210 Nm	1/2"		1	



### 3-arm bearing puller

HIGH QUALITY ★★★★★

Chrome plated, for removing gears, bearings and pulleys or similar, reversible to grip inside or outside and efficiently pull off

Art.-No.	Dimensions			Barcode
374310	100 mm		1	
374325	250 mm		1	



# Screwdriver

## Engineer's screwdrivers

PROFESSIONAL ★★★★★

















CV



CrV steel, 3-component grip for optimal power transfer and slip-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.



Art.-No.			Barcode
⊖ Plain slot			
661235	3.5 x 75 mm		2 
661240	4.0 x 75 mm		2 
661255	5.5 x 100 mm		2 
661265	6.5 x 125 mm		2 
661280	8.0 x 175 mm		2 
661299	10.0 x 200 mm		2 

## Electrical screwdrivers

PROFESSIONAL ★★★★★

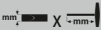









CV



CrV steel, 3-component grip for optimal power transfer and fatigue-free working, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.



Art.-No.			Barcode
⊖ Plain slot			
661530	3.0 x 100 mm		2 
661540	4.0 x 125 mm		2 
661555	5.5 x 150 mm		2 

## Engineer's screwdrivers

PROFESSIONAL ★★★★★

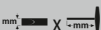











CV



CrV steel, 3-component grip for optimal power transfer and slip-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.



Art.-No.			Barcode
⊕ Cross slot / Phillips			
662200	PH0 x 60 mm		2 
662201	PH1 x 80 mm		2 
662202	PH2 x 100 mm		2 
662203	PH3 x 150 mm		2 

# Screwdriver

## Engineer's screwdrivers

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and slip-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

Art.-No.	mm x mm			Barcode
+ Pozidriv				
663200	PZ0 x 60 mm		2	4 009316 632000
663201	PZ1 x 80 mm		2	4 009316 632017
663202	PZ2 x 100 mm		2	4 009316 632024
663203	PZ3 x 150 mm		2	4 009316 632031



## Engineer's screwdrivers

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and slip-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

Art.-No.	mm x mm			Barcode
+ T				
669210	T10 x 80 mm		2	4 009316 692103
669215	T15 x 80 mm		2	4 009316 692158
669220	T20 x 100 mm		2	4 009316 692202
669225	T25 x 100 mm		2	4 009316 692257
669230	T30 x 115 mm		2	4 009316 692301
669240	T40 x 130 mm		2	4 009316 692400



## Stubby screwdrivers

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and slip-free working, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

Art.-No.	mm x mm			Barcode
- Plain slot				
661455	5.5 x 38 mm		2	4 009316 614556
661465	6.5 x 38 mm		2	4 009316 614655



# Screwdriver

## Stubby screwdrivers

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and slip-free working, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.



CV



Art.-No.				Barcode
⊕ Cross slot / Phillips				
662401	PH1 x 25 mm		2	4 009316 624012
662402	PH2 x 25 mm		2	4 009316 624029

## Stubby screwdrivers

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and slip-free working, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.



CV



Art.-No.				Barcode
⊕ Pozidriv				
663401	PZ1 x 25 mm		2	4 009316 634011
663402	PZ2 x 25 mm		2	4 009316 634028

## Awl

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and slip-free working, matt chrome plated, with chemically blacked precision tips, for pricking of openings in wood for easier screw centring. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

CV



Art.-No.				Barcode
664610	6.0 x 100 mm		2	4 009316 646106

# Screwdriver

## Nail lifting bar

PROFESSIONAL ★★★★★

CrV steel, 3-component grip for optimal power transfer and slip-free working, matt chrome plated, with chemically blacked precision tips, with shovel for nails up to a shaft diameter of 2.5 mm. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

Art.-No.				Barcode
664620	6.0 x 100 mm		2	



CV



## Screwdriver with flexible blade

HIGH QUALITY ★★★★★

CrV steel, flexible blade, 3-component grip for optimal power transfer and fatigue-free working, allows screwdriving in areas difficult to access. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

Art.-No.	Length	Fitting			Barcode
664630	160 mm	Hexagon 1/4"		2	

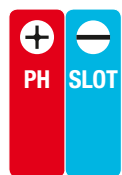


CV







## Screwdriver set, 5pc.

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape.

Art.-No.	Content			Barcode
665205	⊕PH1 80 mm PH2 100 mm ⊖3.5 x 75 mm 5.5 x 100 mm 6.5 x 125 mm		2	



CV



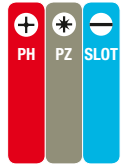
# Screwdriver

## Screwdriver set, 7pc.

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape.



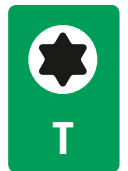
Art.-No.	Content			Barcode
665207	⊕PH1 80 mm PH2 100 mm ⊕PZ1 80 mm PZ2 100 mm ⊖5.5 x 100 mm 6.5 x 125 mm 1 Voltage tester			 4 009316 652077

## Screwdriver set, 6pc.

PROFESSIONAL ★★★★★



CrV steel, 3-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape.



Art.-No.	Content			Barcode
665216	⊕ T10, T15, T20, T25, T27, T30		2	 4 009316 652169

## Workshop screwdriver-set, 4 pcs.

QUALITY ★★★



Blades made of matte chromium-vanadium steel, with ergonomic 2-component handles for high power transmission and pin holes. Magnetic tips to hold the screws so they won't fall off during installation. Extra hardened tips for long lifetime.



Art.-No.	Content			Barcode
141190	⊖ 5.5 x 75 mm ⊖ 6.5 x 100 mm ⊕ Nr.1 x 75 mm ⊕ Nr.2 x 100 mm		6	 4 009311 411907
141199	⊖ 3.5 x 75 mm ⊖ 6.5 x 125 mm ⊕ Nr.0 x 60 mm ⊕ Nr.1 x 75 mm ⊕ Nr.2 x 100 mm ⊕ Nr.2 x 125 mm		6	 4 009311 411990
141195	⊖ 6.5 x 38 mm ⊖ 3.5 x 75 mm ⊖ 5.5 x 100 mm ⊖ 6.5 x 15 mm ⊕ Nr.0 x 75 mm ⊕ Nr.1 x 75 mm ⊕ Nr.2 x 38 mm ⊕ Nr.2 x 125 mm		6	 4 009311 411952

# VDE Screwdriver

## VDE insulated screwdriver

PROFESSIONAL ★★★★★



VDE certified, CrV steel, 3-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.



Art.-No.	mm x mm			Barcode
Plain slot				
661325	2.5 x 80 mm		2	4 009316 613252
661330	3.0 x 75 mm		2	4 009316 613306
661336	3.5 x 100 mm		2	4 009316 613368
661340	4.0 x 100 mm		2	4 009316 613405
661355	5.5 x 125 mm		2	4 009316 613559
661365	6.5 x 150 mm		2	4 009316 613658

## VDE insulated screwdriver

PROFESSIONAL ★★★★★



VDE certified, CrV steel, 3-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.



Art.-No.	mm x mm			Barcode
Cross slot / Phillips				
662300	PH0 x 75 mm		2	4 009316 623008
662301	PH1 x 80 mm		2	4 009316 623015
662302	PH2 x 100 mm		2	4 009316 623022

## VDE insulated screwdriver

PROFESSIONAL ★★★★★



VDE certified, CrV steel, 3-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape. With practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.



Art.-No.	mm x mm			Barcode
Pozidriv				
663300	PZ0 x 75 mm		2	4 009316 633007
663301	PZ1 x 80 mm		2	4 009316 633014
663302	PZ2 x 100 mm		2	4 009316 633021



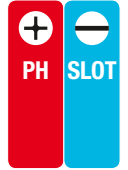
## VDE Screwdriver

VDE insulated screwdriver set, 7pc.

PROFESSIONAL ★★★★★



VDE certified, CrV steel, 3-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips. Quickly distinguishable colour code system shows the desired blade shape.



CV



1000 V

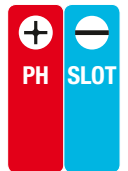
Art.-No.	Content			Barcode
665307	⊕PH1 80 mm PH2 100 mm ⊖2.5 x 80 mm 4.0 x 100 mm 5.5 x 125 mm 6.5 x 150 mm 1 Voltage tester		2	4 009316 653074

VDE Screwdriver set, 6 pcs.

QUALITY ★★★



VDE Screwdriver, Chrome vanadium, 2-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips.



CV



Art.-No.	Content			Barcode
140870	⊕ PH Nr. 1, 2 ⊖ 3.0 x 75 mm, 4.0 x 100 mm, 5.5 x 125 mm, 6.5 x 150 mm		6	4 009311 408709



## Pin wrench

### Hexagon key

HIGH QUALITY ★★★★★

DIN911, CrV steel, one end with ball head for off-centre applications in areas difficult to access

Art.-No.	Fitting			Barcode
147415	1,5 mm		5	4 009311 474155
147420	2,0 mm		5	4 009311 474209
147425	2,5 mm		5	4 009311 474254
147430	3,0 mm		5	4 009311 474308
147440	4,0 mm		5	4 009311 474407
147450	5,0 mm		5	4 009311 474506
147460	6,0 mm		5	4 009311 474605
147470	7,0 mm		5	4 009311 474704
147480	8,0 mm		5	4 009311 474803
147499	10,0 mm		5	4 009311 474995
147412	12,0 mm		5	4 009311 474124



### Hexagon key set 7pc.

HIGH QUALITY ★★★★★

DIN911, CrV steel, in handy fold-up metal holder

Art.-No.	Fitting			Barcode
147200	2.5 - 3.0 - 4.0 - 5.0 - 6.0 - 8.0 - 10.0 mm		2	4 009311 472007



### Hexagon key wrench set, 8 pcs.

QUALITY ★★★★★

CrV steel, through hardened, burnished, all pin keys on practical key ring.

Art.-No.	Fitting			Barcode
147388	● 2 - 10 mm		12	4 009311 473882



## Pin wrench

### Hexagon key set extra long, 9pc.

HIGH QUALITY ★★★★★



DIN911, CrV steel, in plastic holder, one end with ball head, for off-centre applications in areas difficult to access

Art.-No.	Fitting			Barcode
147600	1.5 - 2.0 - 2.5 - 3.0 - 4.0 - 5.0 - 6.0 - 8.0 - 10.0 mm		1	4 009311 476005

CV



### Hexagon key wrench set, 7 pcs.

QUALITY ★★★



CrV-steel, gun metal finish, in metal fold-upholder.

Art.-No.	Fitting			Barcode
147280	● 2,5 - 10 mm		6	4 009311 472809

CV



### Hexagon key wrench set, 8 pcs.

QUALITY ★★★



CV steel in a practical, removable plastic sliding box, hexagon pin wrench 2 to 10 mm, burnished.

Art.-No.	Fitting			Barcode
148290	● 2 - 10 mm		6	4 009311 482907

CV



### Box Spanner Sets with Folding Holder, 18 pieces

QUALITY ★★★



Box spanner sets made of chromium-vanadium, 1 x 9 pcs. with hexagon ball joint for angular working (1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm) and 1 x 9 pcs. TT (T10, T15, T20, T25, T27, T30, T40, T45, T50), with handy folding holder, quick identification of individual sizes, individual access to each box spanner.

Art.-No.	Content	Fitting			Barcode
147790	9 pieces 9 pieces	● 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm ⊕ T10, T15, T20, T25, T27, T30, T40, T45, T50		8	4 009311 477903

CV



# Pin wrench

## T-key wrench set, 7 pc.

HIGH QUALITY ★★★★★

CrV steel, in handy metal fold-up holder

Art.-No.	Fitting			Barcode
147000	⊕ T10 - T15 - T20 - T25 - T27 - T30 - T40		2	4 0093 11 470003



CV



## Security T key wrench set, 8 pc.

HIGH QUALITY ★★★★★

CrV steel, in handy metal fold-up holder

Art.-No.	Fitting			Barcode
147500	⊕ TT9 - TT10 - TT15 - TT20 - TT25 - TT27 - TT30 - TT40		2	4 0093 11 475008



CV



## Hexagon key wrench set T, 7 pcs.

QUALITY ★★★

CrV steel, through hardened, burnished, all pin keys on practical key ring.

Art.-No.	Fitting			Barcode
146990	⊕ T10, T15, T20, T25, T27, T30, T40		12	4 0093 11 469908



CV



## Other screwdrivers

### T-grip screwdriver

PROFESSIONAL ★★★★★



CV



with hanger for the workshop wall, simply screw the plastic clip on the workshop wall. CrV steel, 2-component grip for high power transfer and slip-free working, chrome plated, short and long blade, for significantly more powerful working as compared to conventional screwdrivers. Quickly distinguishable colour code system shows the desired blade shape.



Art.-No.	mm	mm x mm			Barcode
● Hexagon					
689603	70 mm	3,0 x 125 mm		2	4 009316 896037
689604	70 mm	4,0 x 125 mm		2	4 009316 896044
689605	70 mm	5,0 x 150 mm		2	4 009316 896051
689606	70 mm	6,0 x 150 mm		2	4 009316 896068
689608	95 mm	8,0 x 175 mm		2	4 009316 896082
689610	95 mm	10,0 x 200 mm		2	4 009316 896105

### T-grip screwdriver

PROFESSIONAL ★★★★★



CV



with hanger for the workshop wall, simply screw the plastic clip on the workshop wall. CrV steel, 2-component grip for high power transfer and slip-free working, chrome plated, short and long blade, for significantly more powerful working as compared to conventional screwdrivers. Quickly distinguishable colour code system shows the desired blade shape.



Art.-No.	mm	mm x mm			Barcode
★ T					
689706	70 mm	T6 3,0 x 105 mm		2	4 009316 897065
689708	70 mm	T8 3,0 x 105 mm		2	4 009316 897089
689710	70 mm	T10 3,0 x 125 mm		2	4 009316 897102
689715	70 mm	T15 4,0 x 125 mm		2	4 009316 897157
689720	70 mm	T20 4,0 x 125 mm		2	4 009316 897201
689725	95 mm	T25 4,5 x 150 mm		2	4 009316 897256
689730	95 mm	T30 6,0 x 150 mm		2	4 009316 897300
689740	95 mm	T40 8,0 x 150 mm		2	4 009316 897409

## Other screwdrivers

### T-grip screwdriver

PROFESSIONAL ★★★★★



with hanger for the workshop wall, simply screw the plastic clip on the workshop wall. CrV steel, 2-component grip for high power transfer and slip-free working, chrome plated, short and long blade, for significantly more powerful working as compared to conventional screwdrivers. Quickly distinguishable colour code system shows the desired blade shape.

Art.-No.					Barcode
● Nut					
689510	95 mm	SW10 7,0 x 230 mm		2	
689513	95 mm	SW13 8,0 x 230 mm		2	
689517	95 mm	SW17 8,0 x 230 mm		2	
689508	95 mm	SW8 7,0 x 230 mm		2	



CV



### T- Handle screwdriver set, magnetic, 21 pcs.

QUALITY ★★★★★

Bits and sockets made of chrome vanadium steel, consists of: T-grip screwdriver with magnetic bit holder for optimum force transfer, 10 bits 25 mm: flat 3, 4, 5, 6, 8 mm, PH no. 1, 2, 3, PZ no. 1, 2, 3. 1 socket adapter, 9 sockets 5 - 13 mm.

Art.-No.	Content			Barcode
119390	10 bits 25 mm PZ no. 1, 2, 3 PH no. 1, 2, 3 flat 3, 4, 5, 6 mm 1 socket adapter 9 sockets 1/4" 5 - 13 mm 1 T-handle screwdriver		6	



CV



### PROFI precision screwdriver set, 6pc.

PROFESSIONAL ★★★★★



CrV steel, 2-component grip, with rotating top for optimal power transfer and easy operation in precision work, matt chrome plated, with chemically blacked precision tips, in plastic cassette

Art.-No.	Content			Barcode
146100	⊖ 1.5, 2.0, 2.5, 3.0 mm ⊕ Nr. 00, Nr. 0		4	



CV



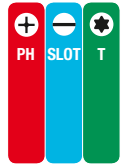
## Other screwdrivers

### PROFI precision screwdriver set, 7pc.

PROFESSIONAL ★★★★★



CrV steel, 2-component grip, with rotating top for optimal power transfer and easy operation in precision work, CrV steel blades, matt chrome plated, with chemically blacked precision tips, in plastic cassette



CV



Art.-No.	Content			Barcode
146200	⊖ 2.0, 2.5, 3.0 mm ⊕ Nr. 00, Nr. 0 ⊕ T 15, T 20		4	4 009311 462008

### PROFI precision screwdriver set, 7pc.

PROFESSIONAL ★★★★★



CrV steel, 2-component grip, with rotating top for optimal power transfer and easy operation in precision work, CrV steel blades, matt chrome plated, with chemically blacked precision tips, in plastic cassette



CV



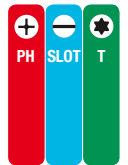
Art.-No.	Content			Barcode
146400	⊕ T6, T7, T8, T9, T10, T16, T20		4	4 009311 464002

### PROFI precision screwdriver set, 8pc.

PROFESSIONAL ★★★★★



CrV steel, 2-component grip, with rotating top for optimal power transfer and easy operation in precision work, with interchangeable CrV steel blades, matt chrome plated, with chemically blacked precision tips, in plastic cassette



CV



Art.-No.	Content			Barcode
146600	⊖ / ⊕ 2.0 mm x Nr. 00 3.0 mm x Nr. 0, 4.0 mm x Nr. 1 ⊕ T5 x T20, T6 x T15, T7 x T9, T8 x T10		4	4 009311 466006

### PROFI precision screwdriver set, 6 pc.

PROFESSIONAL ★★★★★



VDE certified, CrV steel, 2-component grip, with rotating top for optimal power transfer and convenient working in precision engineering, blades fully insulated, with chemically blacked precision tips, in plastic cassette



CV



1000 V

Art.-No.	Content			Barcode
146800	⊕ PH Nr. 00 x 65 mm Nr. 0 x 65 mm, Nr. 1 x 65 mm ⊖ 2.0 x 65 mm, 2.5 x 65 mm 3.0 x 65 mm		4	4 009311 468000

## Other screwdrivers

### Jewellers screwdriver Set, 6 pcs.

QUALITY ★★★★★



6 flat-head screw drivers, made of tool steel, corrugated metal handle with metal rotating cap, in a practical plastic case, ideal for fine and delicate work in the fields of electronics, watchmaking, hobbies, and model making.



Art.-No.	Content			Barcode
145090	⌀ 0.8, 1.4, 2.0, 2.4, 2.9, 3.8 mm		14	4 009311 450906

### Jewellers screwdriver Set, 6 pcs.

QUALITY ★★★★★



3 flat slot and 3 cross slot screwdrivers, made of tool steel, serrated metal handle with metal turning cap, in practical plastic case, ideal for fine and filigree work in electronics and watchmaking, hobby and model making.



Art.-No.	Content			Barcode
145190	⌀ 0.8, 1.4, 2.0 mm ⊕ Nr. 0, 1, 2		10	4 009311 451903

### Voltage tester, VDE

PROFESSIONAL ★★★★★

VDE GS certified, 125 - 250 Volt, with all-round hand guard and easy-to-read display, to detect whether voltage is present

Art.-No.				Barcode
142900	3,5 x 100 mm		2	4 009311 429001
142911	3,5 x 100 mm		10	4 009311 429117
142992	3,5 x 100 mm		100	4 009311 429926
143000	3,0 x 70 mm		2	4 009311 430007
143011	3,0 x 70 mm		20	4 009311 430113
143092	3,0 x 70 mm		150	4 009311 430922



### Voltage tester VDE

HIGH QUALITY ★★★★★

VDE GS certified, 125 - 250 Volt, with all-round hand guard and easy-to-read display, to detect whether voltage is present

Art.-No.				Barcode
143100	3,0 x 150 mm		2	4 009311 431004
143200	3,8 x 190 mm		2	4 009311 432001





## Other screwdrivers

### Electric installation set, 3 pcs.

PROFESSIONAL ★★★★★



consisting of one voltage tester, VDE GS certified, 3.0 x 140 mm, 150 - 250 volt, with visual display, with clip, insulated head, insulated blade, to check if voltages are applied, insulation screw joint, VDE GS certified, white, 12-pole, appropriate for cable from 1 - 4 mm<sup>2</sup>, nominal voltage: 450 V/AC/D Insulating tape, VDE-GS certified, black, type 10, width 12 mm, length 3.3 metres.

Art.-No.	Content			Barcode
142800	1 Voltage tester, insulation screw joints, insulating tape		20	4 009311 428004



### 2-pole voltage tester

PROFESSIONAL ★★★★★



TÜV GS tested, 2-pole voltage tester with 7 LED polarity indicators, for measuring whether voltage is present and for testing continuity, professional measuring of direct or AC voltages with testing ranges of 6V, 12V, 24V, 50V, 120V, 220V, 400V, Power supply: with or without battery, probe cable 83 cm long, probe length 20mm, dust and moisture resistant housing IP54, for indoor and outdoor use, CAT III max. 400V, complies with IEC/EN 61243-3 (DIN VDE 0411)

Art.-No.	Content			Barcode
142400	2-pole voltage tester 2 x 1.5V micro batteries LR44 included		2	4 009311 424006



### Car light tester

HIGH QUALITY ★★★★★



24 volt, 120 mm long, with 10 mm pointed probe and screw-on protective cap, 85 cm cable with crocodile clip

Art.-No.	Content			Barcode
142600	Car lighting tester, 24 Volt		2	4 009311 426000

### kwb hook driver with handle and 1/4" hexagon shank

PROFESSIONAL ★★★★★



The kwb hook driver is used to drive hooks and ring screws. The tool has a standardised hexagon shank (1/4" with groove). The ergonomically shaped plastic handle enables comfortable working (even overhead).

Art.-No.	Ø mm			Barcode
116300	33		3	4 009311 163004





## Other screwdrivers

### Ratchet angle screwdriver

QUALITY ★★★★★

CrV steel, 3-component grip for optimal power transfer and slip-free working, matt chrome plated, 3 position ratchet: left rotation, right rotation and locked. Angle locking at 0° - 45° - 90°, with hexagon socket for all bits 1/4", with practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.

Art.-No.	Length	Fitting			Barcode
116210	200 mm	1/4"		2	 4 009311 162106

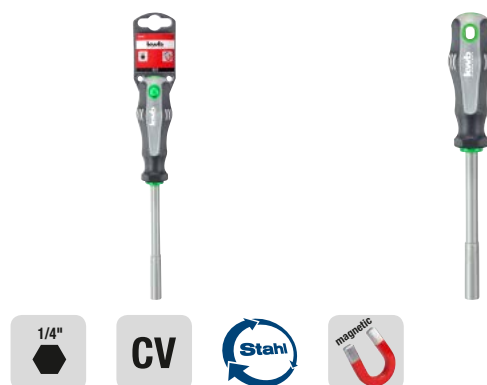


### Magnetic screwdriver

QUALITY ★★★★★

CrV steel, 3-component grip for optimal power transfer and slip-free working, matt chrome plated, with hexagon socket for all bits 1/4" and a powerful magnet, with practical screwdriver holder for the workshop, simply screw the plastic clip on the workshop wall.





Art.-No.	Length	Fitting			Barcode
116410	225 mm	1/4"		2	 4 009311 164100



### 4 in 1 screwdriver

HIGH QUALITY ★★★★★

Screwdriver with 4 reversible blades, always the right bit to hand, easy insertion and removal of screws, with 2-component handle for optimal power transfer and non-slip working





Art.-No.	Content			Barcode
<b>24 pieces in a display</b>				
117092	⊖ / ⊕ PH 5.0 mm + Nr. 2 ⊕ Nr. 1 + Nr. 2		24	 4 009311 170927



### 4 in 1 screwdriver with 3 LEDs

QUALITY ★★★★★

Grippy 2-component screwdriver including magnetic bitholder and 4 chrome vanadium steel bits. 3 integral LEDs illuminate the end of the bit, ideal for screwdriving in dark spaces; including 3 AAA batteries 1.5 V

Art.-No.	Content			Barcode
116890	⊖ / ⊕ Plain slot/Cross slot/PH 5.0 mm x Nr. 2 + ⊕ Pozidriv Nr. 2 x Nr. 1		12	 4 009311 168900



## Other screwdrivers

### 30-in-1 bit screwdriver

QUALITY ★★★★★



Each bit is made of chrome vanadium. The screwdriver consists of 16 \*1/4" 25mm C 6.3 hexagon bits (acc. to ISO 1173) stored inside the handle as well as 16 micro bits and the needed bit holder which are stored in the screw cap. Both bit holders are magnetic!

Art.-No.	Content			Barcode
116990	30 in 1 bit screwdriver		6	4 009311 169907

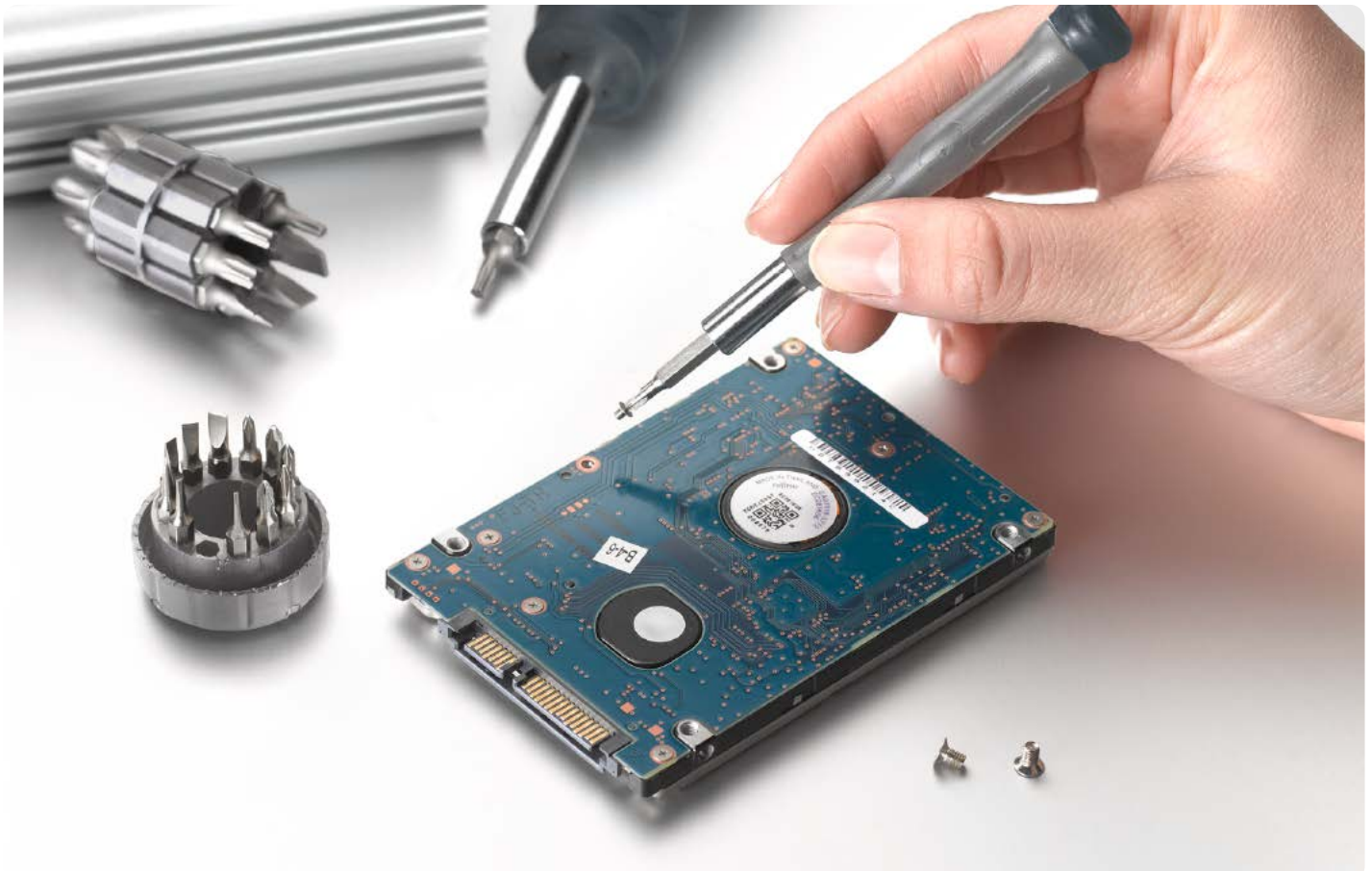
### Angle screwdriver set, 3pc.

HIGH QUALITY ★★★★★



Handy screwdriver set for screwdriving in confined spaces, non-slip shaped grip.

Art.-No.	Fitting			Barcode
918030	⊖ 5,5 x ⊕ PH 1 ⊖ 6,0 x ⊕ PH 2 ⊖ 8,0 x ⊕ PH 3		2	4 009319 180300



# Socket wrench

## Sockets 1/4"

PROFESSIONAL ★★★★★

CrV steel, matt chrome plated, wave profile, rounded corners for better force transmission, protects the edges of the fastener

Art.-No.	Dimensions Ø	Antrieb			Barcode
<b>1/4" drive ■</b>					
372106	6,0 mm	1/4" ■		3	4 009313 721066
372108	8,0 mm	1/4" ■		3	4 009313 721080
372110	10 mm	1/4" ■		3	4 009313 721103
372111	11 mm	1/4" ■		3	4 009313 721110
372112	12 mm	1/4" ■		3	4 009313 721127
372113	13 mm	1/4" ■		3	4 009313 721134



CV



## Bit sockets

PROFESSIONAL ★★★★★

CrV steel, matt chrome plated

Art.-No.	Shape		Antrieb	Dimen- sions No.			Barcode
<b>⊕ Cross / Phillips</b>							
371701	⊕	37 mm	1/4" ■	Nr. 1		3	4 009313 717014
371702	⊕	37 mm	1/4" ■	Nr. 2		3	4 009313 717021



CV



## Bit sockets

PROFESSIONAL ★★★★★

CrV steel, matt chrome plated

Art.-No.	Shape		Antrieb	Dimen- sions No.			Barcode
<b>⊕ Pozidriv</b>							
371801	⊕	37 mm	1/4" ■	Nr. 1		3	4 009313 718011
371802	⊕	37 mm	1/4" ■	Nr. 2		3	4 009313 718028



CV



# Socket wrench

## Bit sockets

PROFESSIONAL ★★★★★



CrV steel, matt chrome plated

Art.-No.	Shape	mm	Antrieb	Dimensions No.	Icon 1	Icon 2	Barcode
372010	●	37 mm	1/4 " ■	T 10	☑	☑	4 009313 720106
372015	●	37 mm	1/4 " ■	T 15	☑	☑	4 009313 720151
372020	●	37 mm	1/4 " ■	T 20	☑	☑	4 009313 720205
372025	●	37 mm	1/4 " ■	T 25	☑	☑	4 009313 720250
372030	●	37 mm	1/4 " ■	T 30	☑	☑	4 009313 720304
372040	●	37 mm	1/4 " ■	T 40	☑	☑	4 009313 720403
372540	●	48 mm	3/8 " ■	T 40	☑	☑	4 009313 725408
372545	●	48 mm	3/8 " ■	T 45	☑	☑	4 009313 725453
372550	●	48 mm	3/8 " ■	T 50	☑	☑	4 009313 725507
372640	●	48 mm	1/2 " ■	T 40	☑	☑	4 009313 726405
372645	●	48 mm	1/2 " ■	T 45	☑	☑	4 009313 726450
372650	●	48 mm	1/2 " ■	T 50	☑	☑	4 009313 726504

## Reducer

PROFESSIONAL ★★★★★



CrV steel, matt chrome plated

Art.-No.	Shape	Antrieb	Icon 1	Icon 2	Barcode
372143	Inside 1/4" ■ Outside 1/4" ○	1/4 " ■	☑	☑	4 009313 721431
372242	Inside 3/8" ■ Outside 1/4" ■	3/8 " ■	☑	☑	4 009313 722421
372342	Inside 1/2" ■ Outside 3/8" ■	1/2 " ■	☑	☑	4 009313 723428

## Extension

PROFESSIONAL ★★★★★



CrV steel, matt chrome plated, square drive with ball retention

Art.-No.	Dimensions Ø	Antrieb	Icon 1	Icon 2	Barcode
372152	50 mm	1/4 " ■	☑	☑	4 009313 721523
372253	75 mm	3/8 " ■	☑	☑	4 009313 722537
372355	125 mm	1/2 " ■	☑	☑	4 009313 723558
372356	250 mm	1/2 " ■	☑	☑	4 009313 723565

# Socket wrench

## Universal joint

PROFESSIONAL ★★★★★

CrV steel, matt chrome plated, square drive with ball retention

Art.-No.	Antrieb			Barcode
372145	1/4 " ■		3	4 009313 721455
372245	3/8 " ■		3	4 009313 722452
372345	1/2 " ■		2	4 009313 723459



CV



## Reversible ratchet

PROFESSIONAL ★★★★★

CrV steel, ratchet, switchable right/left rotation, matt chrome plated, ball retention with quick-release button, with non-slip 2-component grip for optimal power transfer and fatigue-free working

Art.-No.	Antrieb			Barcode
372140	1/4 " ■		2	4 009313 721400
372240	3/8 " ■		2	4 009313 722407
372340	1/2 " ■		1	4 009313 723404



CV



## Reversible ratchet, standard

HIGH QUALITY ★★★★★

CrV steel, ratchet, switchable right/left rotation, matt chrome plated

Art.-No.	Antrieb			Barcode
372160	1/4 " ■		2	4 009313 721608
372260	3/8 " ■		2	4 009313 722605
372360	1/2 " ■		2	4 009313 723602



CV



## Nut spinner with 1/4" hexagon drive

PROFESSIONAL ★★★★★

CrV steel, with non-slip 2-component handle for optimal power transfer and fatigue-free working, square drive with ball retention for use with sockets

Art.-No.	Antrieb			Barcode
372150	1/4" ■		3	4 009313 721509



CV



## Socket wrench

Socket-set 1/4", 16 pcs.

QUALITY ★★★★★



CrV-steel, 1/4"-drive, 13 Hex sockets from 4 - 13 mm, 1 extension 50 mm, 1 reversible ratchet, 1 nut spinner

Art.-No.	Content			Barcode
371990	13 Socket-sets from 4 - 13 mm 1 extension 50 mm 1 reversible ratchet 1 nut spinner		8	4 009313 719902

CV



## Sockets

PROFESSIONAL ★★★★★



CrV steel, matt chrome plated, wave profile, rounded corners for better force transmission, protects the edges of the fastener

Art.-No.	Dimensions Ø	Antrieb			Barcode
<b>3/8" drive ■</b>					
372206	6,0 mm	3/8 " ■		3	4 009313 722063
372207	7,0 mm	3/8 " ■		3	4 009313 722070
372208	8,0 mm	3/8 " ■		3	4 009313 722087
372209	9,0 mm	3/8 " ■		3	4 009313 722094
372210	10 mm	3/8 " ■		3	4 009313 722100
372211	11 mm	3/8 " ■		3	4 009313 722117
372212	12 mm	3/8 " ■		3	4 009313 722124
372213	13 mm	3/8 " ■		3	4 009313 722131
372214	14 mm	3/8 " ■		3	4 009313 722148
372215	15 mm	3/8 " ■		3	4 009313 722155
372217	17 mm	3/8 " ■		3	4 009313 722179
372219	19 mm	3/8 " ■		3	4 009313 722193

CV



## PROFI bit sockets

PROFESSIONAL ★★★★★



CrV steel, matt chrome plated

Art.-No.	Shape	Dimen- sions		Antrieb			Barcode
<b>● Hexagon</b>							
372706	●	6 mm	48 mm	3/8 " ■		3	4 009313 727068
372708	●	8 mm	48 mm	3/8 " ■		3	4 009313 727082
372710	●	10 mm	48 mm	3/8 " ■		3	4 009313 727105
372712	●	12 mm	48 mm	3/8 " ■		3	4 009313 727129

CV














# Socket wrench

## Bit sockets

PROFESSIONAL ★★★★★

CrV steel, matt chrome plated

Art.-No.	Shape	Dimensions		Antrieb			Barcode
<b>Hexagon</b>							
372806	●	6 mm	126 mm	3/8" ■		3	
372808	●	8 mm	126 mm	3/8" ■		3	
372810	●	10 mm	126 mm	3/8" ■		3	
372812	●	12 mm	126 mm	3/8" ■		3	













CV



## Spark plug socket

PROFESSIONAL ★★★★★

CrV steel, matt chrome plated, for fitting and removal of spark plugs

Art.-No.	Dimensions	Antrieb			Barcode
372247	16 mm	3/8" ■		3	
372248	21 mm	3/8" ■		3	
372347	16 mm	1/2" ■		3	
372348	21 mm	1/2" ■		3	

























CV



## Sockets

PROFESSIONAL ★★★★★

CrV steel, matt chrome plated, wave profile, rounded corners for better force transmission, protects the edges of the fastener

Art.-No.	Dimensions Ø	Antrieb			Barcode
<b>1/2" drive ■</b>					
372310	10 mm	1/2" ■		3	
372311	11 mm	1/2" ■		3	
372312	12 mm	1/2" ■		3	
372313	13 mm	1/2" ■		3	
372314	14 mm	1/2" ■		3	
372315	15 mm	1/2" ■		3	
372317	17 mm	1/2" ■		3	
372318	18 mm	1/2" ■		3	
372319	19 mm	1/2" ■		3	
372321	21 mm	1/2" ■		3	
372322	22 mm	1/2" ■		3	
372324	24 mm	1/2" ■		3	
372327	27 mm	1/2" ■		3	
372330	30 mm	1/2" ■		3	
372332	32 mm	1/2" ■		3	



CV





## Tapping tool

### Screw extractors, 5 pc.

HIGH QUALITY ★★★★★



CrV steel, thread hardened, for twisting out broken screws, thread bolts, and pipe ends, with square shaft, for manual operation with tap wrench and tool holder.

Art.-No.	Content	Size	📦	📦	Barcode
444300	3 - 6,5 mm	Nr. 1	📦	2	4 0093 14 443004
	6,5 - 8 mm	Nr. 2	📦		
	8 - 11 mm	Nr. 3	📦		
	11 - 14 mm	Nr. 4	📦		
	14 - 18 mm	Nr. 5	📦		

CV

### Hand taps, 3 pc.

PROFESSIONAL ★★★★★



DIN 352, HSS, ground threads, 3-piece set, with taper, second and plug taps, for forming internal threads in various materials, for hand use with tap wrenches and tool holders

Art.-No.	By steps	📏 mm			Size	📦	📦	Barcode
443303	0,5	3,5 mm	11 mm	40 mm	M 3	📦	2	4 0093 14 433036
443304	0,7	4,5 mm	13 mm	45 mm	M 4	📦	2	4 0093 14 433043
443305	0,8	6 mm	16 mm	48 mm	M 5	📦	2	4 0093 14 433050
443306	1	6 mm	19 mm	50 mm	M 6	📦	2	4 0093 14 433067
443308	1,25	6 mm	22 mm	56 mm	M 8	📦	2	4 0093 14 433081
443310	1,5	7 mm	24 mm	70 mm	M 10	📦	2	4 0093 14 433104
443312	1,75	9 mm	29 mm	75 mm	M 12	📦	2	4 0093 14 433128

HSS

### One-cut taps

PROFESSIONAL ★★★★★



DIN352, HSS, ground threads, for forming internal threads in various materials, for hand and machine tool use

Art.-No.	By steps	📏 mm			Size	📦	📦	Barcode
443003	0,5	3,5 mm	12 mm	40 mm	M 3	📦	3	4 0093 14 430035
443004	0,7	4,5 mm	14 mm	45 mm	M 4	📦	3	4 0093 14 430042
443005	0,8	6 mm	16 mm	48 mm	M 5	📦	3	4 0093 14 430059
443006	1	6 mm	18 mm	50 mm	M 6	📦	3	4 0093 14 430066
443008	1,25	6 mm	22 mm	56 mm	M 8	📦	3	4 0093 14 430080
443010	1,5	7 mm	25 mm	70 mm	M 10	📦	3	4 0093 14 430103
443012	1,75	9 mm	29 mm	75 mm	M 12	📦	3	4 0093 14 430127

HSS

## Tapping tool

### Circular dies

PROFESSIONAL ★★★★★

DIN 352, HSS, ground threads, 9 mm thick, for hand use with die holders 25 x 9 mm

Art.-No.	Ø mm	By steps	Size	📦	📦	Barcode
444003	25 mm	0,5	M 3	📦	3	4 009314 440034
444004	25 mm	0,7	M 4	📦	3	4 009314 440041
444005	25 mm	0,8	M 5	📦	3	4 009314 440058
444006	25 mm	1	M 6	📦	3	4 009314 440065
444008	25 mm	1,25	M 8	📦	3	4 009314 440089
444010	25 mm	1,5	M 10	📦	3	4 009314 440102
444012	25 mm	1,75	M 12	📦	3	4 009314 440126



HSS

### Adjustable tap wrench

HIGH QUALITY ★★★★★

Cast zinc body, hardened jaws, handles can be unscrewed, for use with hand taps.

Art.-No.	Length	📦	📦	Barcode
443920	215 mm	📦	2	4 009314 439205
443930	280 mm	📦	2	4 009314 439304



### Ratchet tap wrench

HIGH QUALITY ★★★★★

Ratchet tap wrench, can be used clockwise/anticlockwise/locked, adjustable handle, for use with hand taps

Art.-No.	Length	📦	📦	Barcode
443810	85 mm	📦	1	4 009314 438109
443820	110 mm	📦	1	4 009314 438208



### Die holder

PROFESSIONAL ★★★★★

Ø 25 x thickness 9 mm, die-cast zinc housing, for use with closed and split circular dies 25 x 9 mm, to DIN EN 22568 and DIN EN 24231

Art.-No.	Length	📦	📦	Barcode
444930	224 mm	📦	2	4 009314 449303



## Tapping tool

Thread cutting tool set, 31 pcs.

PROFESSIONAL ★★★★★



Tap and die set, to DIN 352, HSS ground threads, in steel case

HSS

Art.-No.	Content			Barcode
442800	7x 3 pc. Tap sets M3 / M4 / M5 / M6 / M8 / M10 / M12 7 Dies 1 Tap wrench No. 1 1/2 1 Die holder 25 x 9 mm 1 Screwdriver		1	4 009314 428001

Tap and die set, 16 pc.

HIGH QUALITY ★★★★★

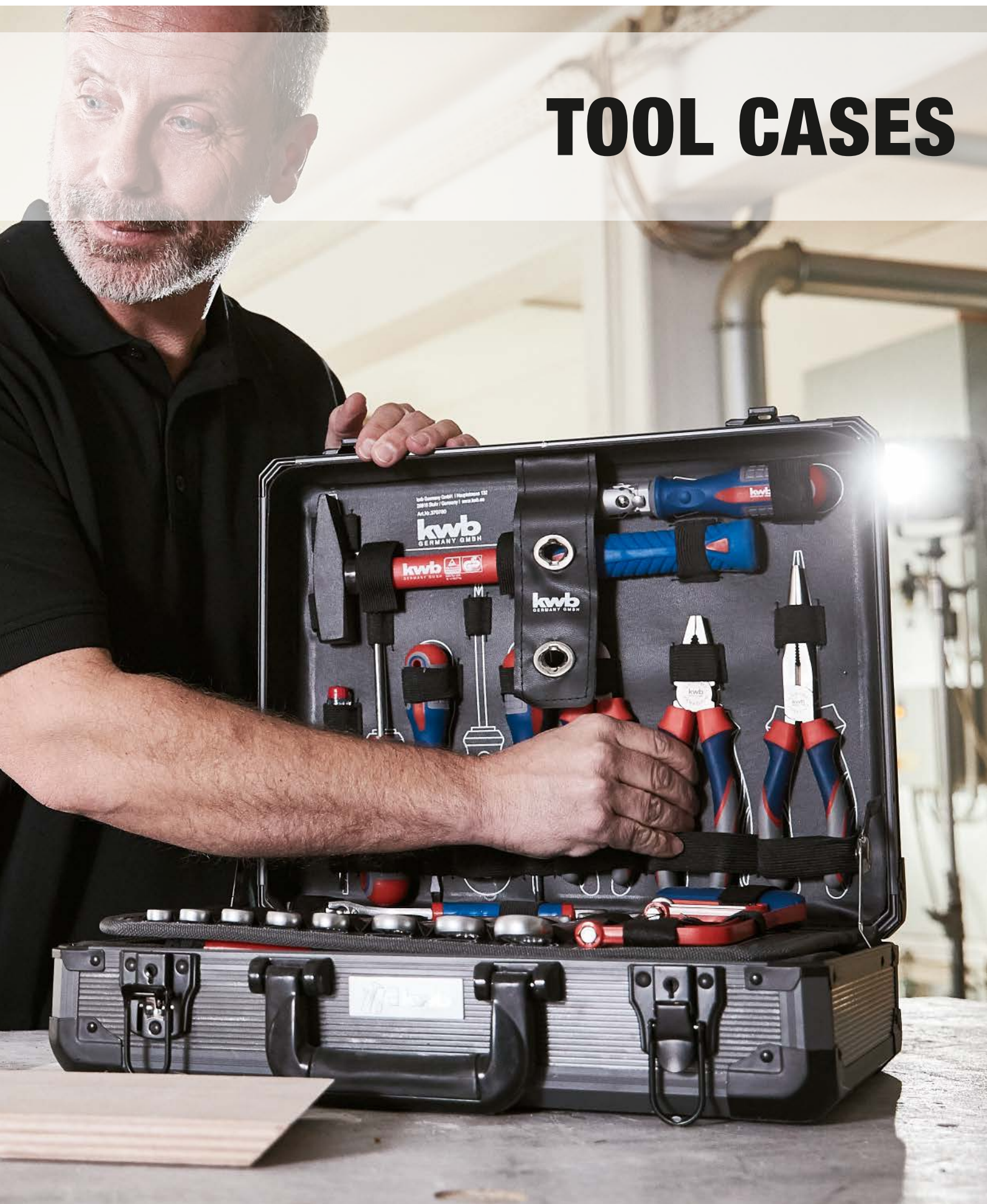


In plastic cassette

Art.-No.	Content			Barcode
445100	7 Taps M3 / M4 / M5 / M6 / M8 / M10 / M12 7 Dies 1 Tap wrench DIN 1814, 1/16" / 1/2", M 3 - M 12 1 Die holder DIN 223, M 25, 1"		1	4 009314 451009



# TOOL CASES



# TOOL CASES



PROFESSIONAL ★★★★★

## Tool case, 129 pcs.

The 129 piece tool case offers a wide spectrum of tools. Ideal for workshop start-ups, in sturdy aluminium case for easy transport.

Art.-No.	Contents			Barcode
370780	see overview		1	4 009313 707800



- 1 side cutter 160 mm, CV
- 1 combination pliers 180 mm, CV
- 1 radio/telephone pliers 200 mm, CV
- 1 waterpump pliers 240 mm, CV
- 1 circlip pliers set 150 mm
- 1 crimping pliers 225 mm
- 16 cable ties

- 1 set combination spanners 8-19 mm, 8 pc., CV
- 1 adjustable wrench 200 mm, CV
- 1 screwdriver ⊕ 1 x 75 mm
- 1 screwdriver ⊕ 2 x 100 mm
- 1 screwdriver ⊖ 5 x 75 mm
- 1 screwdriver ⊖ 6 x 100 mm
- 1 voltage tester, 200-250V, GS
- 1 trimming knife

- 1 hexagon key wrench set 9 pc., 1,5-10 mm, CV
- 11 drive socket set 1/2", 10-27 mm, CV
- 12 drive socket set 1/4", 4-13 mm, CV
- 1 drive spark plug socket 1/2", 16 mm, CV
- 1 drive spark plug socket 1/2", 21 mm, CV
- 1 drive ratchet 1/2", CV
- 1 drive ratchet 1/4", CV
- 1 extension 1/2", 250 mm, CV
- 1 extension 1/2", 125 mm, CV
- 1 extension 1/4", 100 mm, CV
- 1 extension 1/4", 50 mm, CV

- 1 universal joint 1/2", 75 mm, CV
- 1 universal joint 1/4", 45 mm, CV
- 1 engineer's hammer 300 g, GS
- 1 tape measure 5 m x 16 mm
- 1 junior hacksaw frame 150 mm
- 3 junior hacksaw blade set 150 mm

- 32-piece bit set
- ⊖ 3, 4, 4.5, 5, 5.5, 6, 7 mm
- ⊕ PH0, PH1, PH2, PH3, PH4
- ⊕ PZ0, PZ1, PZ2, PZ3, PZ4
- 1.5, 2, 2.5, 3, 4, 5, 6 mm
- T10, T15, T20, T25, T27, T30
- 1x 60 mm
- 1x 1/4"

- 4 x precision screwdrivers
- ⊖ 2 mm - ⊕ PH00
- ⊖ 3 mm - ⊕ PH0
- ⊖ 4 mm - ⊕ PH1
- 1 x 4 x 110 mm

- 1 aluminum spirit level 300 mm
- 1 hand ratchet screwdriver 1/4"
- 1 T-grip for 1/2" ratchet, CV
- 1 sliding tee bar 1/4", CV
- 1 adaptor 25 mm for using sockets with hand ratchet screwdriver, CV
- 1 adaptor 30 mm from bit to socket drive for use with hand ratchet screwdriver
- 1 3-way adapter, CV



# TOOL CASES



PROFESSIONAL ★★★★★

## Tool case, 99 pcs.

The 99 piece tool case offers a wide spectrum of tools. Ideal for workshop start-ups, in sturdy aluminium case for easy transport.

Art.-No.	Contents			Barcode
370760	see overview		2	4 009313 707602

- 1 side cutter 160 mm, CV
- 1 combination pliers 180 mm, CV
- 1 waterpump pliers 240 mm, CV
- 1 set combination spanners 8 - 19 mm, 8 pc., CV
- 1 screwdriver ⊕ 1 x 75 mm
- 1 screwdriver ⊕ 2 x 100 mm
- 1 carburetor screwdriver ⊕ 2 x 2,5 mm, CV
- 1 screwdriver ⊖ 5 x 75 mm
- 1 screwdriver ⊖ 6 x 100 mm
- 1 voltage tester, 200-250V, GS

#### LED Flashlight with Battery

- 1 trimming knife
- 1 hexagon key wrench set 9 pc., 1,5-10 mm, CV
- 12 drive socket set 3/8", 6-24 mm, CV
- 1 drive spark plug socket 3/8", 16 mm, CV
- 1 drive spark plug socket 1/2", 21 mm, CV
- 1 drive ratchet 3/8", CV
- 1 extension 3/8", 150 mm, CV
- 1 extension 3/8", 75 mm, CV
- 1 universal joint 3/8", 45 mm, CV
- 1 3-way adapter, CV

- 1 engineer's hammer 300g, GS
- 1 tape measure 5 m x 16 mm
- 1 junior hacksaw frame 150 mm
- 3 junior hacksaw blade set 150 mm

#### 32-piece bit set

- ⊖ 3, 4, 4.5, 5, 5.5, 6, 7 mm
- ⊕ PH0, PH1, PH2, PH3, PH4
- ⊕ PZ0, PZ1, PZ2, PZ3, PZ4
- 1.5, 2, 2.5, 3, 4, 5, 6 mm
- T10, T15, T20, T25, T27, T30
- 1x 60 mm
- 1x 1/4"

- 1 aluminum spirit level 300 mm
- 1 hand ratchet screwdriver 1/4"
- 2 carpenter Pencils
- 1 rasp 200 mm
- 1 universal scissor 195 mm

#### 1 drill bit set

- HSS, 2,3,4 mm
- HM (HW) TCT, 5,6,8 mm
- CV, 3,4,5 mm



# TOOL CASES

PROFESSIONAL ★★★★★



## Tool case, 51 pcs.

The 59 piece tool case offers a wide spectrum of tools. Ideal for workshop start-ups, in sturdy aluminium case for easy transport.

Art.-No.	Contents			Barcode
370740	see overview		2	

- 1 combination pliers 180 mm, CV
- 1 waterpump pliers 240 mm, CV
- 1 set combination spanners 8-19 mm, 12 pc., CV
- 1 screwdriver ⊕ 1 x 75 mm
- 1 screwdriver ⊕ 2 x 100 mm
- 1 carburetor screwdriver ⊕ 1 x 2,5 mm, CV
- 1 carburetor screwdriver ⊖ 4 x 2,5 mm, CV
- 1 screwdriver ⊖ 5 x 75 mm
- 1 screwdriver ⊖ 6 x 100 mm
- 1 voltage tester, 200-250V, GS
- 1 trimming knife
- 1 hexagon key wrench set 9 pc., 1,5-10 mm, CV
- 11 drive socket set 3/8", 8-24 mm, CV
- 1 drive spark plug socket 3/8", 16 mm, CV
- 1 drive spark plug socket 1/2", 21 mm, CV
- 1 drive ratchet 3/8", CV
- 1 extension 3/8", 150 mm, CV
- 1 extension 3/8", 75 mm, CV
- 1 universal joint 3/8", 45 mm, CV
- 1 3-way adapter, CV
- 1 engineer's hammer 300g, GS
- 1 tape measure 5 m x 16 mm



PROFESSIONAL ★★★★★



## Tool case, 65 pcs.

The 65 piece tool case offers a wide spectrum of tools. Ideal for workshop start-ups, in sturdy aluminium case for easy transport.

Art.-No.	Contents			Barcode
370730	see overview		2	

- 1 side cutter 160 mm, CV
- 1 combination pliers 180 mm, CV
- 1 waterpump pliers 240 mm, CV
- 1 set combination spanners 8-19 mm, 8 pc., CV
- 1 screwdriver ⊕ 2 x 100 mm, CV
- 1 screwdriver ⊖ 5 x 75 mm, CV
- 1 screwdriver ⊖ 1/4", CV
- 1 trimming knife
- 10 replacement Blades
- 1 hexagon key wrench set 9 pc., 1,5-10 mm, CV
- 1 engineer's hammer 300g, GS
- 1 tape measure 5 m x 16 mm
- 1 junior hacksaw frame 150 mm
- 3 junior hacksaw blade set 150 mm
- 20-piece bit set
  - ⊖ 2, 3, 4, 5,5 mm
  - ⊕ PH00, PH0, PH1, PH2, PH3
  - ⊕ PZ1, PZ2, PZ3
  - 2,5, 3, 4, 5 mm
  - T15, T20, T25
  - 1x 60 mm
- 4 x precision screwdrivers
  - ⊖ 2 mm - ⊕ PH00
  - ⊖ 3 mm - ⊕ PH0
  - ⊖ 4 mm - ⊕ PH1
  - 1 x 4 x 110 mm
- 1 Universal scissors 195 mm



# TOOL CASES

PROFESSIONAL ★★★★★



## Tool case, 40 pcs.

The 40 piece tool case offers a wide spectrum of tools. Ideal for workshop start-ups, in sturdy aluminium case for easy transport.

Art.-No.	Contents			Barcode
370720	see overview		2	4 009313 707206

- 1 combination pliers 180 mm, CV
- 1 adjustable wrench 200 mm, CV
- 1 screwdriver ⊕ 2 x 100 mm, CV
- 1 screwdriver ⊖ 5 x 75 mm, CV
- 1 screwdriver ○ 1/4", CV
- 1 trimming knife
- 10 replacement Blades
- 1 engineer's hammer 300g, GS
- 1 tape measure 5 m x 16 mm
- 1 universal-Scissor 195 mm

- 20-piece bit set
- ⊖ 2, 3, 4, 5, 5 mm
- ⊕ PH00, PH0, PH1, PH2, PH3
- ⊕ PZ1, PZ2, PZ3
- 2.5, 3, 4, 5 mm
- T15, T20, T25
- 1x 60 mm



QUALITY ★★★



## Tool case, 63 pcs.

The 63 piece tool case offers a wide spectrum of tools. Ideal for workshop start-ups, in sturdy aluminium case for easy transport.

Art.-No.	Contents			Barcode
375500	see overview		2	4 009313 755009

- 1 side cutter 160 mm, CV
- 1 combination pliers 160 mm, CV
- 1 waterpump pliers 240 mm, CV
- 1 set combination spanners, 8–13 mm, 6 pc., CV
- 1 screwdriver ⊕ 2 x 100 mm, CV
- 1 screwdriver ⊖ 6 x 100 mm, CV
- 1 carburetor screwdriver ⊕ 2 x 40 mm, CV
- 1 carburetor screwdriver ⊖ 6 x 40 mm, CV
- 1 engineer's hammer, 300 g, GS
- 1 Snap off blade knife
- 1 hexagon key wrench set 8 pc., 1.5–6 mm
- 8 sockets 1/4", 8–12 mm, CV
- 8 sockets 3/8", 10–19 mm, CV
- 1 Reversible ratchet 3/8", CV
- 1 T-grip screwdriver ● 1/4"

- 22-piece bit set
- ⊖ 3, 4, 5, 6 mm
- ⊕ PH1, PH2, PH2, PH3
- ⊕ PZ1, PZ2, PZ2, PZ3
- 3, 4, 5, 6 mm
- T15, T20, T25, T25, T27
- 1x 60 mm





# TOOL CASES



QUALITY ★★ ★

## Tool case, 199 pcs.

The 199 piece tool case offers a wide spectrum of tools. Ideal for workshop start-ups, in sturdy aluminium case for easy transport.






Art.-No.	Contents			Barcode
375561	see overview		1	 4 009313 755610

- 1 side cutter 160 mm, CV
- 1 combination pliers 180 mm, CV
- 1 water pump pliers 240 mm, CV


- 1 fork-ring-wrench set 8-19 mm, 8 pieces, CV
- 1 screwdriver m PH1 x 75 mm, CV
- 1 screwdriver m PH2 x 100 mm, CV
- 1 screwdriver k 5 x 75 mm, CV
- 1 screwdriver k 6 x 100 mm, CV
- 1 bit screwdriver u 1/4 "
- 2 carburetor screwdrivers k 6 mm, m PH2
- 1 voltage tester, 200-250V, GS
- 1 snap-off knife 18mm
- 5 replacement blades 18mm


- 1 hexagon socket wrench set 8 pcs., 1.5-6 mm, CV

- 9 drill bits in case
  -  HSS, 5, 6, 8 mm
  -  HM (HW) TCT, 5, 6, 8 mm
  -  CV, 5, 6, 8 mm

- 3 socket wrench inserts 3/8 ", 11-13 mm, CV
- 15 socket wrench inserts 1/4 ", 4-13 mm, CV
- 1 adapter 1/4 "- 3/8"
- 1 socket wrench holder 1/4 "
- 2 extensions 2"+ 4"
- 1 reversible ratchet 1/4 ", CV
- 1 T/T sliding handle
- 1 universal joint

- 1 engineer's hammer 300 g, GS

- 22 pcs. Bit set
  - ⊖ 3, 4, 5, 5.5, 6, 7 mm
  - ⊕ PH0, PH1, 3x PH2, PH3
  - ⊕ PZ1, 3x PZ2, PZ3
  - 2.5, 3, 4, 5, 6 mm
  - ⊗ T10, T15, T20, 3x T25, T27, T30, T40
  - 1x  1/4"

- 22 pieces Precision mechanic bit set
- 28mm bits, CRV
  - ⊖ 1, 1.5, 2, 2.5, 3
  - ⊕ PH00, PH0, PH1, PH2
  - ⊗ T4, T5, T6, T8, T10, T15
  - U-2.6, Y-2.0, ★-0.8, △-2.0, pin
  - 1x  Extension, 150 mm

- 10 screws, ⊕ PZ, 19 x 2 mm
- 10 screws, ⊕ PZ, 25 x 3 mm
- 10 screws, ⊕ PZ, 30 x 4 mm
- 10 nylon dowels 8 mm in yellow
- 10 nylon dowels 6 mm in red
- 10 nylon dowels 5 mm in blue

- 6 spring clamps, 2 "
- 1 measuring tape 3 m x 16 mm
- 1 hacksaw + 3 saw blades

# CLAMPS



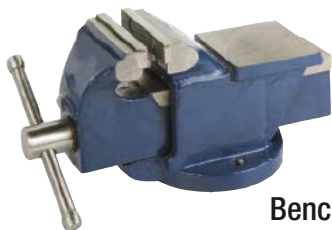
# CLAMPS

## The benefits of the clamps and expanding clamps

- The quick release allows the workpiece to be changed quickly or the one-handed clamp to be positioned easily.
- The clamp handle enables comfortable and safe use of the clamp, as it has an anti-slip effect.
- A turning mechanism allows the head part to be released and attached to the other end of the clamp.
- Continuous and tireless work possible.



## Range overview clamps



### Bench vice with anvil

sturdy vice made from impact resistant cast steel, hardened jaws with hammered finish.

Page 105



### PROFI F-clamps

Malleable cast heads, grooved stock, toothed both sides, with slip protection, 2-component grip for optimal power transfer and non-slip working

Page 103



### Quick action clamps, wooden

Wooden. With cork pads on the clamping points, suitable for many woodworking and joinery applications, leaves no marks on the workpiece, for holding, clamping and glueing.

Page 104



### Clamp / spreader

Extra high clamping force, with quick clamping and quick release, for holding, clamping, glueing and spreading.

Page 104

# Glue guns

## Plastic-spring clamps

HIGH QUALITY ★★★★★

swivelling jaw protectors, powerful spring, for glueing or bonding operations, and for clamping, holding etc.

Art.-No.	Content	Length	Clamping width			Barcode
927540	4	90 mm	30 mm		2	
927820	2	100 mm	40 mm		2	
927910	1	150 mm	60 mm		2	
928010	1	225 mm	80 mm		2	



## Plastic- spring clamps, mini

HIGH QUALITY ★★★★★

swivelling jaw protectors, powerful spring, for glueing or bonding operations, and for clamping, holding etc., assorted colours

Art.-No.	Content	Length	Clamping width			Barcode
<b>bulk</b>						
927529	50	60 mm	20 mm		50	



## Plastic spring clamps

QUALITY ★★★★★

swivelling jaw protectors, powerful spring, for glueing or bonding operations, and for clamping, holding etc.

Art.-No.	Length	Clamping width			Barcode
<b>bulk</b>					
927591	50 mm	30 mm		20	
927891	100 mm	40 mm		20	
927991	150 mm	60 mm		10	
928091	225 mm	80 mm		10	



# Glue guns

## Awning clamps, steel sheet

HIGH QUALITY ★★★★★



sheet steel, jaws and grips plastic coated, strong spring, for glueing and bonding, also for securing awnings

Art.-No.	Content	Length	Clamping width			Barcode
927590	4	50 mm	20 mm		10	4 009319 275907
927600	4	100 mm	35 mm		2	4 009319 276003
927700	2	150 mm	49 mm		2	4 009319 277000

## Awning clamps, steel sheet

PROMO



sheet steel, jaws and grips plastic coated, strong spring, for glueing and bonding, also for securing awnings.

Art.-No.	Length	Clamping width			Barcode
<b>bulk</b>					
927611	100 mm	35 mm		20	4 009319 276119
927711	150 mm	49 mm		10	4 009319 277116




## Clamps, expanding clamps and screw clamps

### F-clamps, 50mm throat

PROFESSIONAL ★★★★★

Malleable cast heads, grooved stock, toothed both sides, with slip protection, 2-component grip for optimal power transfer and non-slip working







Art.-No.	Clamping width	Clamping throat			Barcode
928515	150 mm	50 mm		2	
928520	200 mm	50 mm		2	
928525	250 mm	50 mm		2	



### F-clamps, 80mm throat

PROFESSIONAL ★★★★★

Malleable cast heads, grooved stock, toothed both sides, with slip protection, 2-component grip for optimal power transfer and non-slip working




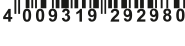
Art.-No.	Clamping width	Clamping throat			Barcode
928820	200 mm	80 mm		1	
928825	250 mm	80 mm		1	
928830	300 mm	80 mm		1	
928850	500 mm	80 mm		1	



### F-clamps, 120mm throat

PROFESSIONAL ★★★★★

Malleable cast heads, grooved stock, toothed both sides, with slip protection, 2-component grip for optimal power transfer and non-slip working






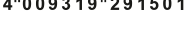
Art.-No.	Clamping width	Clamping throat			Barcode
929230	300 mm	120 mm		1	
929250	500 mm	120 mm		1	
929280	800 mm	120 mm		1	
929298	1000 mm	120 mm		1	



### Adjustable clamps, zinc alloy

QUALITY ★★★★★

Zinc die-cast, sturdy metal rail, lacquered wooden handle for optimum force transfer when working.

Art.-No.	Clamping width	Clamping throat			Barcode
928320	200 mm	50 mm		10	
928330	300 mm	50 mm		10	
929130	300 mm	120 mm		5	
929150	500 mm	120 mm		5	



## Clamps, expanding clamps and screw clamps

### Quick action clamps, wooden, throat 110mm

PROFESSIONAL ★★★★★



Wooden. With cork pads on the clamping points, suitable for many woodworking and joinery applications, leaves no marks on the workpiece, for holding, clamping and glueing



Art.-No.	Clamping width	Clamping throat			Barcode
928420	200 mm	110 mm		2	
928430	300 mm	110 mm		2	
928440	400 mm	110 mm		2	
928460	600 mm	110 mm		2	

### QUICK clamping and expanding clamps

PROFESSIONAL ★★★★★



Extra high clamping force, with quick clamping and quick release, for holding, clamping, glueing and spreading

Art.-No.	Clamping width	Clamping throat			Barcode
928915	150 mm	65 mm		1	
928930	300 mm	65 mm		1	
928945	450 mm	65 mm		1	
928960	600 mm	65 mm		1	

### Clamp / spreader

QUALITY ★★★



Extra high clamping force, with quick clamping and quick release, for holding, clamping, glueing and spreading.







Art.-No.	Clamping width	Clamping throat			Barcode
930010	100 mm	85 mm		12	
930015	150 mm	85 mm		6	
930030	300 mm	85 mm		6	
930045	450 mm	85 mm		6	

## Vices and other clamping tools

### Bench vice with anvil

HIGH QUALITY ★★★★★

sturdy vice made from impact resistant cast steel, hardened jaws with hammered finish


Art.-No.	Clamping width			Barcode
776108	80 mm		1	
776197	125 mm		1	

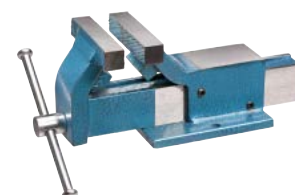


### Bench vice with anvil

HIGH QUALITY ★★★★★

sturdy vice made from impact resistant cast steel, hardened jaws with hammered finish







Art.-No.	Clamping width			Barcode
776198	135 mm		1	



### Precision machine vice

PROFESSIONAL ★★★★★

Prism form polished steel jaws, hardened, sturdy machine vice with clamping spindle for drilling and milling operations, with prism jaws for straight clamping even on round workpieces, the jaws are recessed so that thin materials can also be securely clamped, the base plate has two clamping slots so the vice can be securely bolted down to the workbench




Art.-No.	Jaw width	Clamping width			Barcode
777006	63 mm	60 mm		1	
777008	80 mm	80 mm		1	



### Ball joint vice

HIGH QUALITY ★★★★★

With quick clamping, removeable rubber jaw covers, the whole clamping head can be continuously rotated and tilted without having to unclamp the workpiece

Art.-No.	Jaw width	Clamping width			Barcode
776900	75 mm	60 mm		1	





## Vices and other clamping tools

### Corner vice

HIGH QUALITY ★★★★★

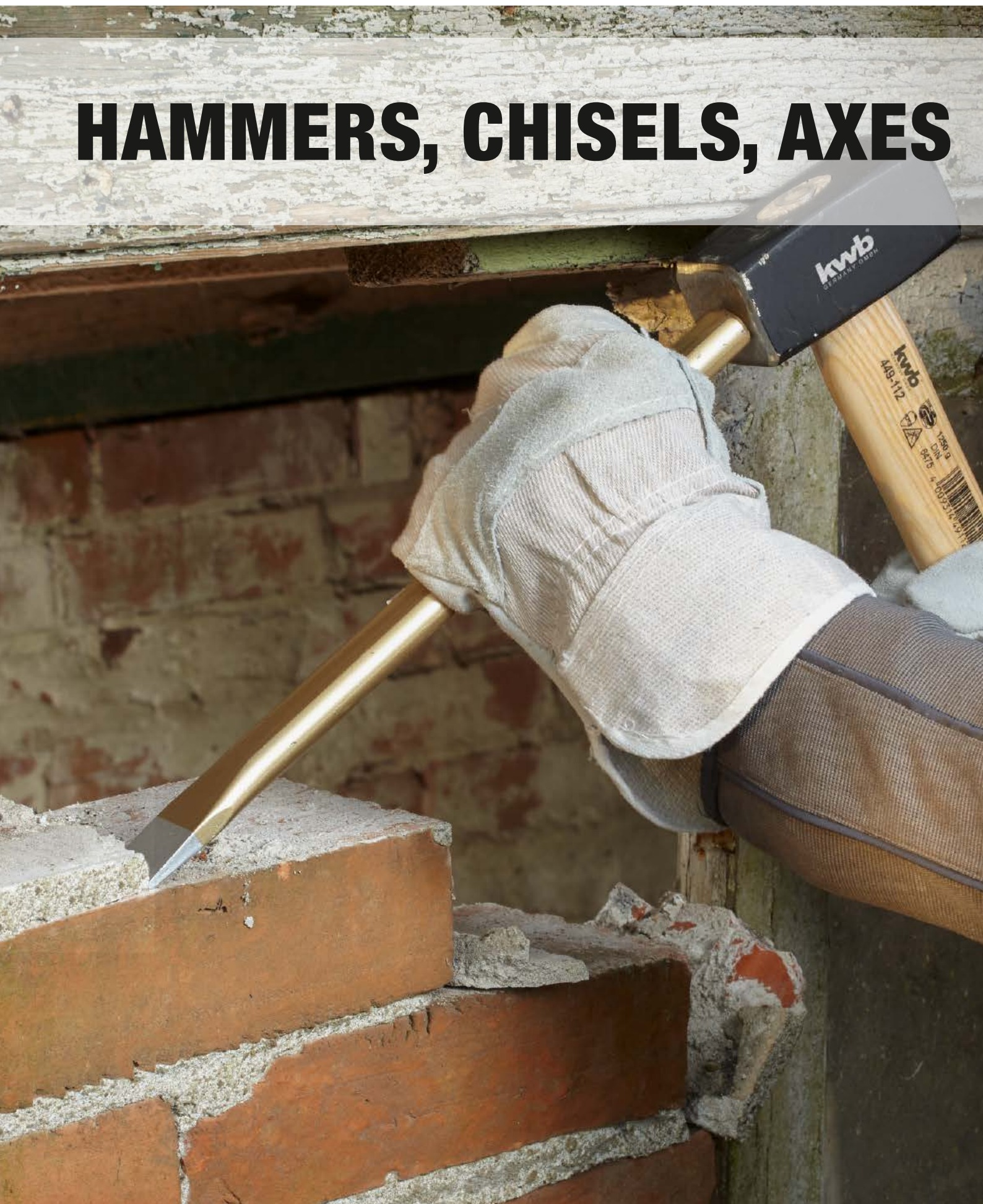


Assembly aid, also for workpieces of different thicknesses, for quick and easy working, thanks to the swivelling jaws and clamping screw uneven workpieces can be clamped at right angles, for glueing, screwing, welding etc.

Art.-No.	Clamping width			Barcode
983300	60 / 47 mm		1	 4 009319 833008



# HAMMERS, CHISELS, AXES



# HAMMERS, CHISELS, AXES

## Our promise:

- We have the right hammers for a wide range of jobs. You'll hit the nail on the head with our range.
- Whether large or small demolition work: We always have the right chisel for your job.
- With our axes and hatchets you can reliably cut small wood. Suitable for felling, limbing and splitting trees.



## Range overview hammers, chisels, axes



### Engineer's hammer, ash shaft

VPA GS tested, to DIN 1041, head and peen polished, ash shaft, with shaft protection sleeve.

Page 110 – 111



### Roofer's hammer

VPA GS tested, to DIN 7239, with magnetic nail holder, nail puller, solid steel, specially hardened working surfaces, serrated high-grip striking face, minimal recoil, with non-slip 2-component grip for optimal power transfer and fatigue-free working.

Page 111 – 112



### Claw hammer, fibreglass shaft

Fibreglass shaft, polished head, rounded striking head, nail removing claw, minimal recoil, head and claw hardened and polished, with non-slip 2-component grip for optimal power transfer and fatigue-free working, also for removing nails.

Page 112 – 113



### Wooden mallet

Oiled, white beechwood head, ash shaft, for woodworking and for use with wood chisels

Page 116



### Chisels

VPS GS tested, CrV steel, for a variety of chiselling and breaking jobs on masonry, concrete and loose rock.

Page 119 – 122



### Wood chisel

CrV steel, ground extra sharp, red beechwood handle, in plastic wallet

Page 124



### Files and rasps

for sharpening, deburring and smoothing, cut 1 and 2, surface machining, machining of right-angled geometries, chamfering, for wood and metal working, 2-component handle for optimum power transmission and non-slip working.

Page 126 – 129



### Axe

DIN5131, Ash wood shaft, curved cow-foot shaft profile for easy and efficient use, for general use in forestry, agriculture, private woodland or garden.

Page 134 – 135



### Hatchet

DIN5131, Safety fibreglass shaft, curved shaft profile for easy and efficient use, non-slip grip coating for safe working, for splitting logs, branches etc.

Page 114, 133



### Logging tongs

For forestry work, for lifting and dragging logs, claw opening up to 18cm, made from forged special steel, plastic handle with leather grip.

Page 137



### Log splitting maul, wooden shaft

Ash wood shaft, forged hammer- and splitting head, extra large striking face, for splitting wood and insertion of wedges.

Page 117

# Hammers

## Engineer's hammer, ash shaft

PROFESSIONAL ★★★★★

VPA GS tested, to DIN 1041, head and pein polished, ash shaft, with shaft protection sleeve



Art.-No.	Weight			Barcode
450911	100 g		2	4 009314 509113
450912	200 g		2	4 009314 509120
450913	300 g		2	4 009314 509137
450914	400 g		2	4 009314 509144
450915	500 g		2	4 009314 509151
450918	800 g		2	4 009314 509182
450920	1000 g		2	4 009314 509205

## Engineer's hammer, fibreglass shaft

PROFESSIONAL ★★★★★

to DIN 1041, head and pein polished, fibreglass shaft, minimal rebound, with non-slip 2-component grip for optimal power transfer and fatigue-free working



Art.-No.	Weight			Barcode
447303	300 g		2	4 009314 473032
447305	500 g		2	4 009314 473056

## Engineer's hammer, hickory shaft

HIGH QUALITY ★★★★★

TÜV GS tested, to DIN 1041, head and pein polished, original hickory shaft







Art.-No.	Weight			Barcode
450811	100 g		3	4 009314 508116
450812	200 g		3	4 009314 508123
450813	300 g		3	4 009314 508130
450814	400 g		3	4 009314 508147
450815	500 g		2	4 009314 508154
450818	800 g		2	4 009314 508185

# Hammers

## Mechanics' hammer, hickory shaft

QUALITY ★★★★★

TÜV GS tested, to DIN 1041, head and pein polished, hickory shaft.









Art.-No.	Weight			Barcode
450723	300 g		6	
450725	500 g		6	



## Hammer shaft

PROFESSIONAL ★★★★★

Ash wood, waxed



Art.-No.	for	Length			Barcode
451026	100 g	260 mm		5	
451028	200 g	280 mm		5	
451030	300 g	300 mm		5	
451031	400 g	310 mm		5	
451032	500 g	320 mm		5	
451035	800 g	350 mm		5	
451036	1000 g	360 mm		5	



## Roofer's hammer, solid steel

PROFESSIONAL ★★★★★

VPA GS tested, to DIN 7239, with magnetic nail holder, nail puller, solid steel, specially hardened working surfaces, serrated high-grip striking face, minimal recoil, with non-slip 2-component grip for optimal power transfer and fatigue-free working

Art.-No.	Weight			Barcode
446306	600 g		1	



## Hammers

### Roofer's hammer, fibreglass shaft

PROFESSIONAL ★★★★★



to DIN 7239, with magnetic nail holder, nail lifter, fibreglass shaft, minimal rebound, specially hardened striking faces, non-slip hammer face, with non-slip 2-component grip for optimal power transfer and fatigue-free working

Art.-No.	Weight			Barcode
446506	600 g		2	4 009314 465068



### Roofing hammer, tubular steel shaft

QUALITY ★★★



Steel tube handle, full steel head, specially hardened work surfaces, nail remover, with rubber handle.

Art.-No.	Weight			Barcode
446191	600 g		4	4 009314 461916



### Claw hammer, wooden shaft

PROFESSIONAL ★★★★★



Hickory wood shaft, rounded striking head, nail puller, head and claw hardened and polished, also for use in removing nails without heads

Art.-No.	Weight			Barcode
445726	450 g (16 OZ)		2	4 009314 457261



### Claw hammer, fibreglass shaft

PROFESSIONAL ★★★★★



Fibreglass shaft, polished head, rounded striking head, nail removing claw, minimal recoil, head and claw hardened and polished, with non-slip 2-component grip for optimal power transfer and fatigue-free working, also for removing nails

Art.-No.	Weight			Barcode
445826	450 g (16 OZ)		2	4 009314 458268









## Hammers

### Claw hammer, tubular steel shaft

QUALITY ★★★★★

Tubular steel shaft, polished head, rounded striking head, nail puller, head and claw hardened and polished, with rubber handle, also for use in removing nails without heads.


Art.-No.	Weight			Barcode
446018	220 g		4	
446026	450 g		4	

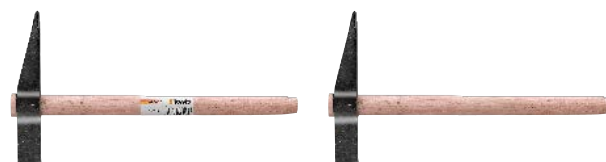


### Mason's hammer, Rhine pattern

PROFESSIONAL ★★★★★

Pein and head ground and chamfered, black, replaceable wooden handle

Art.-No.	Weight			Barcode
446406	600 g		2	



### Mason's hammer shaft

PROFESSIONAL ★★★★★

Hickory wood shaft, shaped



Art.-No.	for	Length			Barcode
451166	600 g	300 mm		5	



### Mason's hammer, Berlin pattern

PROFESSIONAL ★★★★★

Fibreglass shaft, minimal recoil, with non-slip 2-component grip for optimal power transfer and fatigue-free working

Art.-No.	Weight			Barcode
446806	500 g		2	





## Hammers

### Mason's hammer, Rhine pattern

PROFESSIONAL ★★★★★

Fibreglass shaft, with side-mounted nail puller, minimal recoil, with non-slip 2-component grip for optimal power transfer and fatigue-free working



Art.-No.	Weight			Barcode
446816	600 g		2	4 009314 468168



### Kitchen hatchet

PROFESSIONAL ★★★★★

Edge ground and honed, fibreglass shaft, minimal recoil, cowfoot profile, DIN 5131, with non-slip 2-component grip for optimal power transmission and fatigue-free working



Art.-No.	Weight			Barcode
447016	600 g		2	4 009314 470161



### Plasterer's hatchet, steel tube handle

PROFESSIONAL ★★★★★

Steel shaft, with nail puller, roughened head, with non-slip grip, for working on soft materials such as plaster or Tuff.



Art.-No.	Weight			Barcode
447027	600 g		2	4 009314 470277



### Lump hammer, ash shaft

PROFESSIONAL ★★★★★

VPA GS tested, to DIN 6475, polished head, chamfered



Art.-No.	Weight			Barcode
449110	1000 g		2	4 009314 491104
449112	1250 g		2	4 009314 491128
449115	1500 g		2	4 009314 491159








# Hammers

## Rubber cover for lump hammers

HIGH QUALITY ★★★★★

for use as slab-laying and paving hammer





Art.-No.	for			Barcode
445520	Lump hammer 1000 g		2	
445522	Lump hammer 1250 g		2	
445525	Lump hammer 1500 g		2	



## Lump hammer shafts

PROFESSIONAL ★★★★★

Ash wood, curved, waxed



Art.-No.	for	Length			Barcode
449226	1000 + 1250 g	260 mm		5	
449228	1500 g	280 mm		5	



## Paver's hammer, ash shaft

PROFESSIONAL ★★★★★

Lump hammer head with rounded rubber cover, for laying paving slabs, patio slabs and pavours

Art.-No.	Length	Weight			Barcode
447206	400 mm	1500 g		1	



## Plastic faced hammer, wooden shaft

PROFESSIONAL ★★★★★

Ash wood handle, dead blow, exactly matched material in the heads, doesn't mark the workpiece, high abrasion resistance and long service life

Art.-No.	Dimensions Ø			Barcode
445664	32 mm		2	



# Hammers

## Rubber mallet, wooden shaft

PROFESSIONAL ★★★★★

to DIN 5128, cylindrical hard rubber compound head, dead blow hammer for a variety of uses, tile laying, furniture assembly, car bodywork



Art.-No.	Dimensions Ø	Colour			Barcode
445020	60 mm	Off white		2	
445050	54 mm	Black		2	
445060	65 mm	Black		2	
445095	75 mm	Black		2	

## Simplex soft-faced hammer, wooden shaft

PROFESSIONAL ★★★★★

VPA GS tested, with acacia wood shaft, minimal recoil, nylon inserts, black, medium hard, for assembly/repair jobs in the automotive industry, positioning workpieces in a vice, tent and marquee erection, car bodywork, repair and maintenance work, straightening, assembly work, assembly of sharp-edge workpieces, joining interference fit parts, sheet metal work



Art.-No.	Dimensions Ø	Colour			Barcode
447406	60 mm	Black		2	



## Supercraft soft-faced hammer, wooden shaft

PROFESSIONAL ★★★★★

VPA GS tested, with original hickory shaft, bright, minimal recoil, nylon inserts, white, hard, for assembly/repair jobs in the automotive industry, car bodywork, repair/maintenance work, sheet metal work



Art.-No.	Dimensions Ø	Colour			Barcode
447504	40 mm	Off white		2	



## Wooden mallet

PROFESSIONAL ★★★★★

Oiled, white beechwood head, ash shaft, for woodworking and for use with wood chisels



Art.-No.	Dimensions Ø			Barcode
445415	70 mm		2	







# Hammers

## Sledge hammer, ash shaft

PROFESSIONAL ★★★★★

DIN 1042, forged, face and pein polished, black japanned





Art.-No.	Weight			Barcode
450035	3000 g		1	
450050	5000 g		1	



## Shaft for sledge hammer

PROFESSIONAL ★★★★★

Ash wood, curved

Art.-No.	for	Length			Barcode
450170	3000 g	700 mm		5	
450180	5000 + 6000 g	800 mm		2	



## Log splitting maul, wooden shaft

PROFESSIONAL ★★★★★

Ash wood shaft, forged hammer- and splitting head, extra large striking face, for splitting wood and insertion of wedges

Art.-No.	Length	Weight			Barcode
452830	900 mm	3000 g		1	



## Log splitting maul shaft, ash shaft

PROFESSIONAL ★★★★★

Spare part for part no. 452830

Art.-No.	for	Length			Barcode
452870	5000 - 6000 g	900 mm		1	



# Hammers

## Horseshoe hammer wedges, 3pcs. Assorted

PROFESSIONAL ★★★★★



Bright steel, for fitting and securing wooden shafts on axes, hatchets, mauls and sledge hammers, 2 = 18 mm, 250 - 400g, 3 = 22 mm, 500 - 800g, 4 = 28 mm, 100 - 1500g. Ring wedge set: Bright steel, tapered and stepped

Art.-No.	Content	Size	📦	📦	Barcode
449410	3	2 - 3 - 4 mm	📦	1	4 009314 494105
449510	5	7 - 8 - 10 - 11 - 12 mm	📦	5	4 009314 495102
449520	4	13 15 - 16 - 18 mm	📦	5	4 009314 495201

## Hammer with bottle opener

QUALITY ★★★



Claw hammer with bottle opener, polished head, ideal gift idea for the ever-busy DIYer, ergonomic rubber handle, for use as a bottle opener and a hammer.

Art.-No.	Content	Weight	📦	📦	Barcode
445992	10 pieces in a display	280 g	📦	10	4 009314 459920



## Centre punches, chisels and punching irons

### Centre punch

PROFESSIONAL ★★★★★

VPS GS tested, CrV steel, for centre punching, for centring when drilling









Art.-No.	Length			Barcode
318000	120 mm		2	



### Parallel pin punch

PROFESSIONAL ★★★★★

VPS GS tested, CrV steel, for pushing through fasteners such as rivets, pins and roll pins or bolts and for countersinking







Art.-No.	Ø mm	Length			Barcode
318203	3 mm	150 mm		2	
318205	5 mm	150 mm		2	
318206	6 mm	150 mm		6	



### Taper punches

PROFESSIONAL ★★★★★

VPS GS tested, CrV steel, for driving out fasteners such as rivets, pins and roll pins or bolts and for countersinking





Art.-No.	Ø mm	Length			Barcode
318110	1 mm	120 mm		2	
318120	2 mm	120 mm		2	



### Chisel and punch set, 6pc.

PROFESSIONAL ★★★★★

VPS GS tested, CrV steel, for chiselling and breaking jobs, for centre punching and driving out pins and rivets

Art.-No.	Content	Length			Barcode
318916	1 Flat chisel 150 mm 1 Flat chisel 125 mm 1 Cross chisel 125 mm 1 Centre punch 120 x 4 mm 1 Taper punch 120 x 3 mm 1 Taper punch 120 x 4 mm	200		1	



# Centre punches, chisels and punching irons

## Automatic centre punch

QUALITY ★★★★★



Adjustable impact force

Art.-No.	Length			Barcode
920990	300 mm		6	4 009319 209902



## Flat chisels

PROFESSIONAL ★★★★★



VPS GS tested, CrV steel, for a variety of chiselling and breaking jobs on masonry, concrete and loose rock

Art.-No.	Length			Barcode
318416	150 mm		2	4 009313 184168
318426	250 mm		2	4 009313 184267
318431	300 mm		2	4 009313 184311
318441	400 mm		2	4 009313 184410



## Bolster chisel, jointing chisel

PROFESSIONAL ★★★★★



VPS GS tested, CrV steel, for shaping mortices, removal of tiles or cladding and for clearing out and opening joints

Art.-No.	Length	Working width			Barcode
317970	250 mm	50 mm		1	4 009313 179706



## Point chisel

PROFESSIONAL ★★★★★



VPS GS tested, CrV steel, for a variety of chiselling and breaking jobs on masonry, concrete and loose rock

Art.-No.	Length			Barcode
318526	250 mm		2	4 009313 185264






## Centre punches, chisels and punching irons

### Slitting chisel

PROFESSIONAL ★★★★★

VPS GS tested, CrV steel, for burying cables in plaster and for small cutting and morticing jobs




Art.-No.	Length	Working width			Barcode
318626	240 mm	26 mm		2	



### Electrician's chisel

PROFESSIONAL ★★★★★

VPS GS tested, CrV steel, for making slots, due to narrow profile also good for working in difficult-to-access areas

Art.-No.	Length	Working width			Barcode
318726	250 mm	12 mm		1	



### Flat chisels with hand protection

PROFESSIONAL ★★★★★

VPS GS tested, CrV steel, for chiselling and breaking jobs on masonry, concrete or solid and loose rock, with replaceable handguard

Art.-No.	Length			Barcode
920430	300 mm		1	



### Point chisel with hand protection

PROFESSIONAL ★★★★★

VPS GS tested, CrV steel, for chiselling and breaking jobs on masonry, concrete or loose rock, with replaceable handguard

Art.-No.	Length			Barcode
920630	300 mm		1	





## Centre punches, chisels and punching irons

### Cold chisel with protection

QUALITY ★★★★★



CV steel, hexagon shaft, sanded 16 mm flat chisel tip, for chiselling and cracking work on masonry, concrete, or large, loose stones, with rubber hand protection.

Art.-No.	Length			Barcode
920793	300 mm		6	4 009319 207939



### Hand protector for chisels

PROFESSIONAL ★★★★★



Rubber, for oval and octagonal chisels

Art.-No.	Length			Barcode
317800	110 mm		2	4 009313 178006



### Wad punches

PROFESSIONAL ★★★★★



to DIN 7200, with hardened and tempered cutter to HV 480 up to 558 kp/mm<sup>2</sup> (HRC 47-52), tooled red lacquered shaft, punch bright ground and ground sharp on the underside, C35 – C45 material, sharply ground circular opening, for making holes in leather, rubber, card, paper, textiles

Art.-No.	Ø mm			Barcode
317705	5 (3/16")		2	4 009313 177054
317706	6 (7/32")		2	4 009313 177061
317708	8 (5/16")		2	4 009313 177085
317710	10 (3/8")		2	4 009313 177108
317712	12 (15/32")		2	4 009313 177122
317714	14 (9/16")		2	4 009313 177146
317716	16 (5/8")		2	4 009313 177160









## Centre punches, chisels and punching irons

### Sheet metal punch

HIGH QUALITY ★★★★★

Steel construction, for sheet metal including stainless steel, eg stainless steel sinks, for problem-free hole cutting for taps and mixer taps

Art.-No.	Ø mm			Barcode
525600	32 mm		1	 4 009315 256009
525700	35 mm		1	 4 009315 257006



# Chisel

## Wood chisel

PROFESSIONAL ★★★★★



CrV steel, ground extra sharp, red beechwood handle

Art.-No.	Width	Blade/ Width			Barcode
455906	37	6 mm		1	
455908	45	8 mm		1	
455910	35	10 mm		1	
455912	32	12 mm		1	
455914	37	14 mm		1	
455916	45	16 mm		1	
455918	40	18 mm		1	
455920	40	20 mm		1	
455924	35	24 mm		1	
455926	40	26 mm		1	
455930	45	30 mm		1	
455932	35	32 mm		1	

CV



## Wood chisel set, 3pc.

PROFESSIONAL ★★★★★



CrV steel, ground extra sharp, red beechwood handle, in plastic wallet

Art.-No.	Width	Blade/ Width			Barcode
455900	142	8, 12, 20 mm		1	

CV



## Chisel set, 4 pcs.

QUALITY ★★★



CrV steel, with Ulmer wooden handle, blades sharpened ready for use, blades with protective cap.

Art.-No.	Content	Working width			Barcode
455400	4 pieces	6, 12, 18, 24 mm		6	

CV



# Chisel

## Sharpening stone

HIGH QUALITY ★★★★★

Sharpening stone, ceramic grindstone, coarse and fine, aluminium oxide, for grinding and sharpening of tools, for example wood chisels and lathe tools.

Art.-No.	Dimensions			Barcode
455000	150 x 50 x 25 mm		1	4 009314 550009



## Files and rasps

### Flat file

HIGH QUALITY ★★★★★



High grade file steel, no.1 cut, for sharpening and deburring, for metalworking, 2-component grip for optimal power transfer and non-slip working

Art.-No.	Width	Cut			Barcode
480310	40	1		2	4 009314 803105



### Half round file

HIGH QUALITY ★★★★★



High grade file steel, no.1 cut, for sharpening and deburring, for working on flat surfaces, radius surfaces, half-round profiles and openings, 2-component handle for optimal power transfer and non-slip working

Art.-No.	Width	Cut			Barcode
480320	40	1		2	4 009314 803204



### Square file

HIGH QUALITY ★★★★★



High grade file steel, no.1 cut, for sharpening and deburring, suitable for inside corners with angles of 90° or greater, filing of profiles, removal of breakout, 2-component grip for optimal power transfer and non-slip working

Art.-No.	Width	Cut			Barcode
480330	43	1		2	4 009314 803303



### Round file

HIGH QUALITY ★★★★★



High grade file steel, no.1 cut, for sharpening and deburring, for working on radius surfaces, removing breakout, filing profiles with inner radii, 2-component grip for optimal power transfer and non-slip working

Art.-No.	Width	Cut			Barcode
480340	40	1		2	4 009314 803402







## Files and rasps

### Three-square file

HIGH QUALITY ★★★★★

High grade file steel, no.2 cut, for sharpening and deburring, for working on inside acute angles and clearing out of corners, 2-component grip for optimal power transfer and non-slip working





Art.-No.	Width	Cut			Barcode
480350	43	1		2	



### Saw file, thin

HIGH QUALITY ★★★★★

High grade file steel, no.2 cut, for sharpening and deburring, specially for sharpening steel wood saw blades, 2-component grip for optimal power transfer and non-slip working





Art.-No.	Width	Cut			Barcode
480360	40	2		2	



### Saw file, extra thin

HIGH QUALITY ★★★★★

High grade file steel, no.2 cut, for sharpening and deburring, specially for sharpening steel wood saw blades, 2-component grip for optimal power transfer and non-slip working





Art.-No.	Width	Cut			Barcode
480370	35	2		2	



### Blade file

HIGH QUALITY ★★★★★

High grade file steel, no.2 cut, for sharpening and deburring, blade shape, extra narrow for areas with difficult access, 2-component grip for optimal power transfer and non-slip working

Art.-No.	Width	Cut			Barcode
480380	40	2		2	



## Files and rasps

### Chainsaw file, round

HIGH QUALITY ★★★★★



High grade file steel, no.3 cut, for sharpening chainsaw teeth, 2-component grip for optimal power transfer and non-slip working

Art.-No.	Ø mm	Width	Cut			Barcode
480640	4	35	3		2	4 009314 806403
480648	4,8	43	3		2	4 009314 806489



### Half round rasp

HIGH QUALITY ★★★★★



High grade file steel, no.1 cut, for surface working, radius surfaces and half-round profiles, chamfering, for woodworking, 2-component grip for optimal power transfer and non-slip working

Art.-No.	Width	Cut			Barcode
480420	40	1		2	4 009314 804201



### Round rasp

HIGH QUALITY ★★★★★



for smoothing, No.1 cut, for working radii, rasping of profiles with inside radius, for woodworking, 2-component grip for optimal power transfer and non-slip working

Art.-No.	Width	Cut			Barcode
480440	38	1		2	4 009314 804409



### Flat file/ rasp

HIGH QUALITY ★★★★★



for sharpening, deburring and smoothing, No.1 and no.2 cut, for working flat surfaces, working on right-angled objects, chamfering, for wood and metalworking, 2-component grip for optimal power transfer and non-slip working

Art.-No.	Width	Cut			Barcode
480510	40	1 + 2		2	4 009314 805109



## Files and rasps

### Warding file set, 6 pc.

HIGH QUALITY ★★★★★

for sharpening and deburring, for wood and metal, with plastic grip

Art.-No.	Content			Barcode
926000	6 x 120 mm		2	 4 009319 260002





## Hand countersink, awl and nail drill

### Hand countersink, tool steel

HIGH QUALITY ★★★★★



5-flute 90° countersink, Ø 12 mm, tool steel for woodworking, with plastic handle, for countersinking screws in solid wood and laminates

Art.-No.	Ø mm			Barcode
149500	12 mm		2	4 009311 495006



### Gimlet set, 3 pc.

HIGH QUALITY ★★★★★



With ring handle and machine milled pointed thread, chemically blacked finish, for pre-drilling, for woodworking

Art.-No.	Ø mm	Content			Barcode
922300	2 + 3 + 4 mm	3 pieces		5	4 009319 223007



### Gimlet set, 2 pc.

QUALITY ★★★



With ring handle and machine milled pointed thread, chemically blacked finish, for pre-drilling, for woodworking

Art.-No.	Ø mm	Content			Barcode
922200	5 + 6 mm	2 pieces		5	4 009319 222000



## Manual wire brushes

### Hand wire brush

PROFESSIONAL ★★★★★

Steel wire, straight, tough, tight, with a wooden handle, for cleaning and de-rusting, for wood and metal

Art.-No.	Length	Width	Working length	Rows			Barcode
923130	290 mm	32	140	3		6	4 009319 231309
923140	290 mm	35	140	4		6	4 009319 231408
923150	290 mm	45	140	5		6	4 009319 231507



### Hand wire brush, steelwire

QUALITY ★★★★★

Steel wire crimped, 30 mm wire length, hard-wearing, tensile strength, with plastic handle and galvanised back, for cleaning and derusting, for wood and metal

Art.-No.	Length	Working length	Rows			Barcode
923211	265	140	1		12	4 009319 232115



### Hand wire brush set, 3 pcs.

QUALITY ★★★★★

Steel wire, straight, tough, tight, with a wooden handle, for cleaning and de-rusting, for wood and metal

Art.-No.	Content	Length	Working length	Rows			Barcode
923190	3 pieces	290	140	2, 3, 4		12	4 009319 231903



### Hand wire brush, stainless

PROFESSIONAL ★★★★★

Stainless steel, durable, high tensile strength, wooden handle, for cleaning and derusting, for wood and metal, also for cleaning barbeques and stainless steel garden tools

Art.-No.	Length	Width	Working length	Rows			Barcode
919930	290 mm	32	140	3		6	4 009319 199302
919940	290 mm	37	140	4		6	4 009319 199401
919950	290 mm	43	140	5		6	4 009319 199500



## Manual wire brushes

### Spark plug brush

PROFESSIONAL ★★★★★

Brass wire, wooden handle, high quality brass wire brush ideal for cleaning spark plugs



Art.-No.	Length	Width	Working length	Rows			Barcode
922600	140 mm	20	40	3		5	4 009319 226008



### Hand wire brush, brass

PROFESSIONAL ★★★★★

Brass wire, wooden handle, durable brush with crimped, securely mounted brass wire, particularly suitable for cleaning of wood and barbecues



Art.-No.	Length	Width	Working length	Rows			Barcode
922740	275 mm	37	135	4		3	4 009319 227401



### Hand wire brush

QUALITY ★★★

Brass wire crimped, 30 mm wire length, hard-wearing, tensile strength, with plastic handle and galvanised back, for derusting and cleaning barbecue grates, brakes/brake callipers and other metals, pavement tile joint cleaning.



Art.-No.	Length	Working length	Rows			Barcode
923221	265	140	1		12	4 009319 232214

### Wire brush set, 3 pcs.

QUALITY ★★★



Nylon, brass and stainless steel brush, 9 mm wire length, hard-wearing, tensile strength, with plastic handle and back, for derusting and cleaning barbecue grates, brakes/brake callipers and other metals, removing paint, pavement tile joint cleaning.

Art.-No.	Content	Length	Working length	Rows			Barcode
923490	3 pieces	225 mm	90	3		12	4 009319 234904

## Accessories for hammers and axes

### Kitchen hatchet

PROFESSIONAL ★★★★★

Edge ground and honed, fibreglass shaft, minimal recoil, cowfoot profile, DIN 5131, with non-slip 2-component grip for optimal power transmission and fatigue-free working

Art.-No.	Weight			Barcode
447016	600 g		2	



### Hatchet

PROFESSIONAL ★★★★★

DIN5131, Ash wood shaft, curved cow-foot shaft profile for easy and efficient use, for splitting logs, branches etc.





Art.-No.	Width	Weight			Barcode
453118	170	800 g		2	



### Hatchet shaft

PROFESSIONAL ★★★★★

Ash wood, cow-foot shape, waxed

Art.-No.	for	Width			Barcode
453736	600 g	45		2	
453738	800 g	32		2	



### Hatchet

PROFESSIONAL ★★★★★

DIN5131, Safety fibreglass shaft, curved shaft profile for easy and efficient use, non-slip grip coating for safe working, for splitting logs, branches etc.

Art.-No.	Width	Weight			Barcode
452918	162	800 g		2	



## Accessories for hammers and axes

### Axe, fever glass handle

PROFESSIONAL ★★★★★

DIN 7294C, safety fibreglass shaft, curved shaft profile for easy and efficient use, for general use in forestry, agriculture, private woodland or garden



Art.-No.	Width	Weight			Barcode
453322	198	1250 g		2	4 009314 533224



### Plasterer's hatchet, steel tube handle

PROFESSIONAL ★★★★★

Steel shaft, with nail puller, roughened head, with non-slip grip, for working on soft materials such as plaster or Tuff.



Art.-No.	Weight			Barcode
447027	600 g		2	4 009314 470277



### Axe

PROFESSIONAL ★★★★★

DIN5131, Ash wood shaft, curved cow-foot shaft profile for easy and efficient use, for general use in forestry, agriculture, private woodland or garden



Art.-No.	Width	Weight			Barcode
453224	195	1400 g		1	4 009314 532241
453226	223	1600 g		1	4 009314 532265



### Axe shaft

PROFESSIONAL ★★★★★

Ash wood, cow-foot shape, waxed



Art.-No.	for	Width			Barcode
453870	1250 g	32		2	4 009314 538700
453880	1400 + 1600 g	35		2	4 009314 538809



## Accessories for hammers and axes

### Splitting axe

PROFESSIONAL ★★★★★

Ash wood handle, optimal for splitting large logs


Art.-No.	Width	Weight			Barcode
453420	192	2000 g		1	



### Log splitting maul, wooden shaft

PROFESSIONAL ★★★★★

Ash wood shaft, forged hammer- and splitting head, extra large striking face, for splitting wood and insertion of wedges

Art.-No.	Length	Weight			Barcode
452830	900 mm	3000 g		1	



### Splitting wedge

PROFESSIONAL ★★★★★

Steel, ground cutting edge, for safe working, for splitting logs and also for use as felling wedge

Art.-No.	Width	Weight			Barcode
453520	55	2000 g		2	



### Rotatable splitting wedge

PROFESSIONAL ★★★★★

Steel, for safe working, for log splitting or for use as felling wedge

Art.-No.	Width	Weight			Barcode
453510	60	2000 g		2	



## Accessories for hammers and axes

### Splitting wedge

PROFESSIONAL ★★★★★



Aluminium, for safe working, for log splitting and felling, reliable location through longitudinal ribbing

Art.-No.	Width	Weight			Barcode
453610	60	1000 g		1	4 009314 536102

### Horseshoe hammer wedges, 3pcs. Assorted

PROFESSIONAL ★★★★★



Bright steel, for fitting and securing wooden shafts on axes, hatchets, mauls and sledge hammers, 2 = 18 mm, 250 - 400g, 3 = 22 mm, 500 - 800g, 4 = 28 mm, 100 - 1500g

Art.-No.	Content	Size			Barcode
449410	3	2 - 3 - 4 mm		1	4 009314 494105



### Ring wedge set

PROFESSIONAL ★★★★★



Bright steel, tapered and stepped

Art.-No.	Content	Size			Barcode
449510	5	7 - 8 - 10 - 11 - 12 mm		1	4 009314 495102
449520	4	13 - 15 - 16 - 18 mm		1	4 009314 495201



### Wooden wedges

PROFESSIONAL ★★★★★



Hardwood wedges made of beech, for fitting shafts to hatchets, axes, mauls and sledge hammers

Art.-No.	Content	Size			Barcode
449720	4	45 mm (3 - 5 kg)		5	4 009314 497205



## Accessories for hammers and axes

### Logging tongs

PROFESSIONAL ★★★★★

For forestry work, for lifting and dragging logs, claw opening up to 18cm, made from forged special steel, plastic handle with leather grip

Art.-No.	Width	Clamping width			Barcode
648600	140	180 mm		2	



### Lifting hooks 90° offset

PROFESSIONAL ★★★★★

With ergonomically shaped plastic handle, made from special forged steel for safe lifting of logs

Art.-No.	Width			Barcode
648610	142		2	



### Lifting hooks straight

PROFESSIONAL ★★★★★

With ergonomically shaped plastic handle, made from special forged steel, avoids trapping hands between logs whilst handling them, and for safe lifting of logs

Art.-No.	Width			Barcode
648620	140		2	





## Nail lifting bar

PROFI nail lifting bar

PROFESSIONAL ★★★★★



Flat, extremely heavy duty, oval shaft, one end with broad blade, the other with bent claw, with polished working faces, for opening cases, lifting floor boards, invaluable for DIY, kitchen fitting, exhibition stand building, carpentry, flooring and joinery

Art.-No.	Length			Barcode
454360	600 mm		1	4 009314 543605
454380	800 mm		1	4 009314 543803



## Nail puller

QUALITY ★★★



flat, hexagonal shaft, one side with wide cutting edge, the other side with curved claw, with polished working ends, for opening boxes, lifting floor boards, indispensable for DIY, kitchen construction, trade fair construction or in joineries, for floor layers and carpenters.

Art.-No.	Length			Barcode
454090	600 mm		6	4 009314 540901



## Nail lifting bar

PROFESSIONAL ★★★★★



With hand grip, ideal for removing nails, raising floorboards etc.

Art.-No.	Length			Barcode
454100	300 mm		3	4 009314 541007



# HANDSAWS



# HANDSAWS

## The benefits of the saws:

- from handsaws to hacksaws: the right saw for every job
- mitre saws with universal saw blade for wood-, plastic- and metalworking
- mitre boxes for accurate cutting of skirting boards, mouldings and picture frames
- for the cleanest finish: kwb planes in a variety of patterns



## Range overview hand saws



### WOODPECKER handsaw

2-component grip for fatigue-free working, especially quick and easy sawing in hard- and softwood on the push stroke, for quick, clean cuts in boards, battens, studwork, fine- and coarse fibreboard, PVC.

Page 142



### WOODPECKER compass saw

Hardpoint teeth, ergonomically designed 2-component grip for fatigue-free working, for cut-outs, edges and holes in all types of wood and lightweight panels.

Page 143



### WOODPECKER carpenter's saws

Japan tooting, triple ground, hardpoint tips, cut on the pull stroke, extra sharp, especially thin and flexible saw blade, quick and clean cut, for precision cutting in all types of wood and plastic.

Page 144 – 145

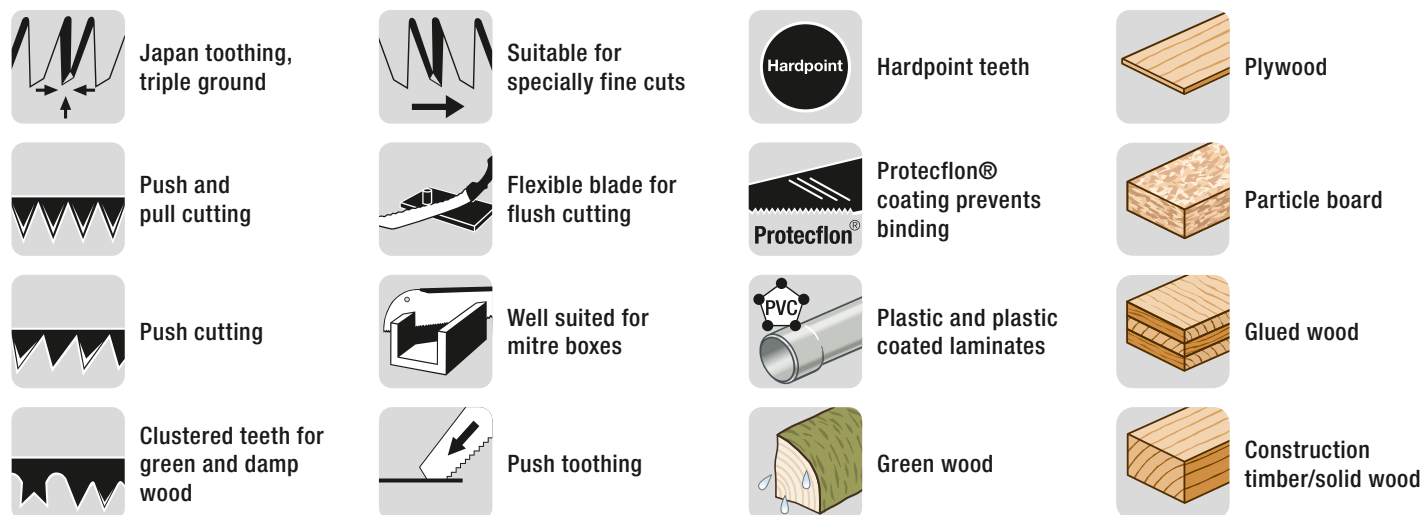


### Bow saws

With blade, cross-ground teeth, hardpoint tips, peg teeth, with quick tension lever with knuckle guard, high frequency welded tubular steel handle, oval, for rapid cutting of solid, green and wet wood.

Page 147

## Overview of pictograms for WOODPECKER saws



### PROFI-mitre saws

With universal saw blade, fine teeth, hardpoint teeth, for wood- plastic- and metalworking, sturdy and stable construction, with adjustable length stop to left or right, accurate angle setting 45° to 90° to the left or the right.

Page 149



### Mitre boxes

Made from birch ply for exactly angled 90° and 45° cuts in wood and other materials, exact trimming of skirting boards, mouldings and picture frames.

Page 149 – 150



### PROFI hacksaw

Ergonomically shaped grip, rubber lined, non-slip for fatigue-free working, with HSS saw blade for ferrous- and non-ferrous metals.

Page 151



### Planes

Made from beechwood or metal, hand protection, for planing both large and small, difficult to access areas.

Page 156




## Wood saws

### WOODPECKER handsaw, low friction coating

PROFESSIONAL ★★★★★

Hardpoint teeth, anti-friction coating, ergonomically shaped 2-component grip for fatigue-free working, for clean cuts in all types of wood, no binding in the cut even on damp and glued wood



Art.-No.	Length	 inch/7			Barcode
304245	450 mm	11		1	 4 009313 042451







### WOODPECKER handsaw, Japan tooth

PROFESSIONAL ★★★★★

Japan teeth, patented 55° thrust toothing, fine, triple ground, ergonomically shaped 2-component grip for fatigue-free working, for clean and precise cuts in all types of wood



Art.-No.	Length	 inch/7			Barcode
304109	400 mm	9		1	 4 009313 041096








### WOODPECKER handsaw

PROFESSIONAL ★★★★★

Hardpoint teeth, ergonomically shaped 2-component grip for fatigue-free working, for easy, clean and precise cuts in all types of wood



Art.-No.	Length	 inch/7			Barcode
304335	350 mm	12		1	 4 009313 043359
304345	450 mm	7		1	 4 009313 043458



### Hand saw

QUALITY ★★★

Tooth tips induction hardened, plastic handle, for light, clean, and fine cuts in all types of wood.



Art.-No.	Length			Barcode
315445	450 mm		6	 4 009313 154451







## Wood saws

### WOODPECKER back saw

PROFESSIONAL ★★★★★

Extra fine teeth, hardened points, ergonomically designed 2-component grip for fatigue-free working, back 1.5mm thick, for easy, clean and accurate mitre cuts in all types of wood





Art.-No.	Length	 inch/°			Barcode
304735	350 mm	12		1	 4 009313 047357



### WOODPECKER veneer saw

PROFESSIONAL ★★★★★

Extra fine teeth, hardened points, suitable for fine cuts in veneers, mouldings, plywood and plastics as well as for mitre cuts, toothed nose for plunge cuts in veneer, thin plywood etc., ergonomically designed 2-component grip for fatigue-free working, easy, clean and accurate cuts in all types of wood, especially for parquet, laminates and veneer





Art.-No.	Length	 inch/°			Barcode
304832	320 mm	12		1	 4 009313 048323



### WOODPECKER compass saw

PROFESSIONAL ★★★★★

Hardpoint teeth, ergonomically shaped 2-component grip for fatigue-free working, for trimming, rounding and holes in all types of wood and laminates

Art.-No.	Length	 inch/°			Barcode
304930	300 mm	8		1	 4 009313 049306







## Wood saws

### WOODPECKER carpenter's saw

PROFESSIONAL ★★★★★

Japan teeth, triple ground, hardpoint teeth, cuts on the pull stroke, extra sharp, exceptionally thin and flexible blade, quick and precise cut, for precision cutting in all types of wood and plastic



Art.-No.	Length	 inch/7			Barcode
304514	300 mm	14		1	 4 009313 045148







### WOODPECKER pull saw

PROFESSIONAL ★★★★★

Japan teeth, triple ground, hardpoint teeth, cuts on the pull stroke, extra sharp, quick and precise cut, for precision cutting in all types of wood and plastic



Art.-No.	Length	 inch/7			Barcode
304517	270 mm	15		1	 4 009313 045179







### WOODPECKER carpenter's saw

PROFESSIONAL ★★★★★

Japan teeth, triple ground, fine toothing, hardpoint teeth, cuts on the pull stroke, extra-thin blade, extra sharp, quick and precise cut, bamboo handle, for precision cutting in all types of wood and plastic



Art.-No.	Length	 inch/7			Barcode
304515	270 mm	15		1	 4 009313 045155







## Wood saws

### WOODPECKER carpenter's saw

PROFESSIONAL ★★★★★

Japan teeth, triple ground, fine toothing, hardpoint teeth, cuts on the pull stroke, toothed both sides coarse and fine, extra-thin blade, extra sharp, quick and precise cut, bamboo handle, for precision cutting in all types of wood and plastic





Art.-No.	Length	 inch/°			Barcode
304615	240 mm	9		1	

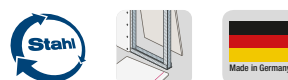


### Sheetrock saw

PROFESSIONAL ★★★★★

Plasterboard saw with wooden handle, lacquered, conical blade shape, medium toothing, toothed tips hardened, for cut-outs, roundings and holes in lightweight boards





Art.-No.	Length	 inch/°	Blade length			Barcode
307510	170 mm	8	170		2	



### Gent saw, straight

PROFESSIONAL ★★★★★

Straight, lacquered wooden handle, for accurate fine mitre cuts in all types of wood, particularly for strips and mouldings, cranked for flush cuts

Art.-No.	Length	 inch/°			Barcode
314426	250 mm	15		2	








## Wood saws

### Gent saw, cranked, adjustable grip

PROFESSIONAL ★★★★★



Cranked, adjustable, lacquered wooden handle, for accurate fine mitre cuts in all types of wood, particularly for strips and mouldings, adjustable handle for optimal access to flush cuts in tight situations

Art.-No.	Length		Shape		Barcode
314626	250 mm	15	repostable	2	 4 009313 146265





### Fretsaw frame

HIGH QUALITY ★★★★★



Tubular steel frame, lacquered wooden handle, suitable for straight and round un-pinned fretsaw blades 130mm long, for cutting solid wood, plywood, softwood, laminates, with the relevant sawblade you can make both straight and curved cuts

Art.-No.	Length	Throat depth		Barcode
316000	305 mm	285 mm	2	 4 009313 160001





### Fretsaw starter set, 7pc.

HIGH QUALITY ★★★★★



Ideal set for all fretsaw jobs, for sawing solid wood, plywood, softwood, laminates, with the correct saw blade you can make curved and straight cuts

Art.-No.	Content	Length		Barcode
316110	Fretsaw frame 320 mm Plastic fretsaw table Clamp Ahle Awl with plastic handle Fretsaw blade key Fretsaw blades Fretsaw pattern	305 mm	2	 4 009313 161107




### Fretsaw table with clamp

HIGH QUALITY ★★★★★



Solid beechwood, with zinc plated clamp with which to fix it securely to the bench, no slipping in use, quick to install

Art.-No.	Content	Length		Barcode
316220	Fretsaw table with clamp	210 mm	2	 4 009313 162203



## Wood saws

### Fretsaw blades

HIGH QUALITY ★★★★★

180mm long, working length 83mm, for cutting solid wood, plywood, softwood, laminates, round (part no. 316403) for all-round cutting and especially tight curves

Art.-No.	Content	Length	Shape			Barcode
316302	12 pieces	130 mm	flat		5	
316304	12 pieces	130 mm	flat		5	
316306	12 pieces	130 mm	flat		5	
316403	12 pieces	130 mm	round		5	



### WOODPECKER pruning saw

PROFESSIONAL ★★★★★

Hardpoint teeth, clustered teeth, with tubular plastic handle, can be extended using wooden handle, for damp and dry green wood

Art.-No.	Length			Barcode
306935	350 mm		1	



### Bow saws

PROFESSIONAL ★★★★★

With blade, cross-ground teeth, hardpoint teeth, skip teeth, with quick tension lever and hand guard, high-frequency welded tubular steel oval frame, for quick cutting of large, green and wet wood

Art.-No.	Length			Barcode
302100	535 mm		2	
302400	610 mm		2	
303000	760 mm		2	



### Bow saw blades

PROFESSIONAL ★★★★★

Hardpoint teeth, peg toothing, for rapid cutting of solid, green and wet wood

Art.-No.	Length			Barcode
312100	535 mm		3	
312400	610 mm		3	
313000	760 mm		3	



## Wood saws

### Block saw

PROFESSIONAL ★★★★★

Alternate teeth tungsten carbide tipped, lacquered wooden handle, anti-friction coating, for cutting aerated concrete blocks, lightweight blocks and soft bricks



Art.-No.	Length			Barcode
305873	700 mm		1	4 009313 058735



## Mitre saws and cutting shops

### Mitre saw

HIGH QUALITY ★★★★★

with universal saw blade, fine teeth, hardpoint teeth, for wood, plastic and metal, sturdy and stable construction. Sheet steel base plate with non-slip rubber feet, cast blade carrier, with adjustable fence used right or left, cutting depth adjustment, accurate angle setting 45° to 90° left and right, four stabilising bars to solidly support the saw blade, for easy working the saw itself is attached to the frame through double leaf springs, with two clamps, double saw blade clamping through clamping screw and tension wire.



Art.-No.	Length			Barcode
307100	550 mm		1	



### Spare blade for mitre saws

PROFESSIONAL ★★★★★

Tips induction hardened, for woodworking

Art.-No.	for	Length			Barcode
307110	Part no. 307100	550 mm		2	



### Spare blade for mitre saws, bi-metal

HIGH QUALITY ★★★★★

For metal- and woodworking

Art.-No.	for	Length			Barcode
307120	Part no. 307100	550 mm		2	



### Quality mitre box

PROFESSIONAL ★★★★★

Birch, plywood, for precise 90° and 45° angled cuts in wood and another materials, accurate cutting of skirting boards, mouldings and picture frames

Art.-No.	Length	Length - width - height			Barcode
311026	249 mm	240 x 55 x 40 mm		2	
311031	301 mm	300 x 70 x 65 mm		2	
311035	403 mm	400 x 100 x 50 mm		1	



## Mitre saws and cutting shops

### Precision mitre box

PROFESSIONAL ★★★★★



Aluminium, protective wooden inlay, for precise 90° und 45° angled cuts in wood and other materials, accurate sawing of skirtings, mouldings, picture frames etc.

Art.-No.	Length	Length - width - height			Barcode
311125	250 mm	250 x 55 x 40 mm		1	4 009313 111256



### Cutting drawer set 4 pcs

PROFESSIONAL ★★★★★



Mitre box made from beech ply, for exact 90° and 45° angled cuts in wood and other materials, accurate sawing of skirting boards, mouldings and picture frames etc., with straight gent saw, wooden handle, extra fine teeth, for clean and precise mitre cuts in all types of woods, for mouldings and fillets etc., with wooden ruler and carpenter's pencil

Art.-No.	Content			Barcode
311723	Mitre box 245 x 53 x 40 Gent saw, straight 250 mm Folding wooden rule 2 m Carpenter's pencil		1	4 009313 117234



### Mitre box with slitting Saw, 2 pcs.

QUALITY ★★★



Mitre box made from beech ply, for exact 90° and 45° angled cuts in wood and other materials, accurate sawing of skirting boards, mouldings and picture frames etc., with straight gent saw, wooden handle, extra fine teeth, for clean and precise mitre cuts in all types of woods, for mouldings and fillets etc.

Art.-No.	Content			Barcode
311800	Mitre box 300 x 53 x 40 mm Gent saw straight, 250 mm		8	4 009313 118002

# Metal saws

## Hacksaw

PROFESSIONAL ★★★★★

Ergonomically designed grip, rubber coated, non-slip for fatigue-free working, with HSS saw blade for ferrous and non-ferrous metals

Art.-No.	Length			Barcode
199600	300 mm		1	



## Hacksaw

PROFESSIONAL ★★★★★

Beechwood handle, with HSS saw blade for ferrous and non-ferrous metals

Art.-No.	Length			Barcode
199700	300 mm		2	



## Bi-metal saw bow 300 mm

QUALITY ★★★

Metal saw bow 300 mm made of steel. Black handle, lacquered. Mounted with a 300 mm bi-metal saw blade.

Art.-No.	Length			Barcode
199810	300 mm		6	



# Metal saws

## Multi-purpose saw handle

HIGH QUALITY ★★★★★

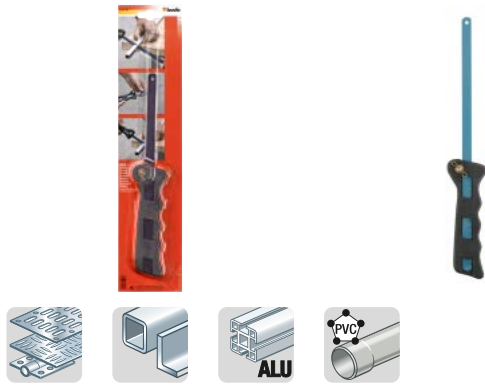


With 300mm HSS bi-metal hacksaw blade for metal, ergonomically shaped 2-component handle for fatigue-free working, quick blade change using the knob, three lockable saw blade angles, for all standard hacksaw- and reciprocating saw blades

Art.-No.	for	Length			Barcode
315800	for saw blade: 187210, 187220, 187230, 188010, 188020, 188030, 576900, 576600, 576500, 576700, 576300, 576400, 578400, 579900, 577800, 577500, 579100, 577400, 579500, 578900	385 mm		6	 4 009313 158008

## Hand hacksaw

QUALITY ★★★★★



With bi-metal hacksaw blade, ergonomically shaped grip, for standard 300 mm blades

Art.-No.	Length			Barcode
315300	300 mm		3	 4 009313 153003

## Hacksaw blade, HSS bi-metal, EASY-CUT

PROFESSIONAL ★★★★★



For hacksaw frames, progressive toothting, for structural steelwork, unalloyed tempered steel, unalloyed hardened steel, nitrided steel, tool steel, cast iron, malleable iron, brass, bronze, ductile steel, aluminium and non-ferrous metals










Art.-No.	Content	Length				Barcode
188100	2	300 mm	18, 24, 32		3	 4 009311 881007

# Metal saws

## Hacksaw blade, HSS bi-metal

HIGH QUALITY ★★★★★

For hacksaw frames, for structural steelwork, unalloyed tempered steel, unalloyed hardened steel, nitrided steel, tool steel, cast iron, malleable iron, brass, bronze, ductile steel, aluminium and non-ferrous metals










Art.-No.	Content	Length				Barcode
188010	2	300 mm	18		3	
188020	2	300 mm	24		3	
188030	2	300 mm	32		3	



## Hacksaw blade, HSS flexible

HIGH QUALITY ★★★★★

For hacksaw frames, for steel, iron, sheet metal, tool steel, brass, bronze, aluminium and non-ferrous metal







Art.-No.	Content	Length				Barcode
187210	2	300 mm	18		3	
187220	2	300 mm	24		3	
187230	2	300 mm	32		3	



## Tungsten carbide rod saw MULTI CUT

PROFESSIONAL ★★★★★

Tungsten carbide gritted, for fine and curved cuts in glass/crystal, stone, wall and floor tiles

Art.-No.	Content	Length			Barcode
189202	1	300 mm		2	
189101	1	150 mm		2	





## Metal saws

### Tungsten carbide tile saw

PROFESSIONAL ★★★★★



With tungsten carbide gritted rod saw, for slitting, angle and curved cuts in ceramics, glass/crystal, wall and floor tiles, extra deep metal frame

Art.-No.	for	Length	Throat depth			Barcode
315700	Saw blade 189101	150 mm	130 mm		2	4 009313 157001



### Multi-purpose saw

HIGH QUALITY ★★★★★



With junior hacksaw blade for metal, lacquered wooden handle, special pointed teeth, for iron, aluminium and copper pipes, copper, wooden mouldings, replaceable blades

Art.-No.	Length			Barcode
315500	146 mm		2	4 009313 155007



### Hacksaw frame

HIGH QUALITY ★★★★★



With junior hacksaw blade for metal, lacquered wooden handle, extra fine teeth, for sheet metal, metals, non-ferrous metals and wood, replaceable blades

Art.-No.	Length			Barcode
315200	150 mm		2	4 009313 152006



### Hacksaw fame

HIGH QUALITY ★★★★★



With HSS hacksaw blade for metal, fine teeth, die-cast aluminium, plastic handle, adjustable blade, with steel screw to secure the blade, for iron, aluminium and plastic pipes, copper, wooden mouldings, replaceable blade

Art.-No.	Length			Barcode
315615	150 mm		3	4 009313 156158



## Metal saws

### Junior hacksaw

QUALITY ★★★★★

Metal handle made of galvanised steel wire, hand guard, total length 245 mm, saw blade length 146 mm, for wood and metal saw blades. Saw blade length 146 mm for wood and metal saw blades







Art.-No.	Length			Barcode
315070	146 mm		10	



### Junior hacksaw blade

HIGH QUALITY ★★★★★

for woodworking as well as for small bars and plastic pipes and similar, as well as for working on soft metals such as copper or aluminium





Art.-No.	Content	for	Length	Applica- tion			Barcode
315105	5	Part no. 3152- 3156- 3155-	146 mm	Metal		5	
315115	5	Part no. 3152- 3156- 3155-	146 mm	Wood		5	



### Hand-Coping saw

QUALITY ★★★★★

with wooden handle and galvanised steel frame, saw blades can be rotated 360°, saw blade length 162 mm, incl. 5 saw blades, 2x metal, 1x each wood fine, medium, coarse, for clean and straight cuts, suitable for sawing sheet metal, non-ferrous metals, wood, plywood, plastics, and many other materials.

Art.-No.	Content	Length			Barcode
314790	incl. 5 saw blades	162 mm		10	



# Planer

## Double blade plane

PROFESSIONAL ★★★★★



With double 48mm irons, beechwood body, hornbeam sole, "horn" handle, handguard, push-button, ideal for planing large surfaces, for all woods and laminates

Art.-No.	Length			Barcode
921548	240 mm		1	4 009319 215484



## Mini plane

PROFESSIONAL ★★★★★



With simple 40mm iron, beechwood, handguard, with push-button, for planing small surfaces, for all woods and laminates

Art.-No.	Length			Barcode
921600	200 mm		1	4 009319 216009



## Rebating plane

PROFESSIONAL ★★★★★



With simple 30mm iron, beechwood, thin shape so ideal for planing narrow and difficult to reach area, eg. Window frames, for all woods and laminates

Art.-No.	Length			Barcode
921730	355 mm		1	4 009319 217303



## Universal plane steel 42 mm

PROFESSIONAL ★★★★★



With 42 mm plane iron, slitting plane, steel, ground sole plate, 2 adjusting screws for precise adjustment of the planing thickness, 1 securing screw, easy blade changing system, for plaster and also for use as a rebating plane, for all woods and laminates

Art.-No.	Length			Barcode
921954	230 mm		1	4 009319 219543



## Planer

### Spare blades for universal plane

PROFESSIONAL ★★★★★

Bright steel, hardened



Art.-No.	for	Width			Barcode
921964	Part no. 921944	44 mm		3	



### Hobby plane

PROFESSIONAL ★★★★★

With 5 blades 45 mm, ground both sides, sole plate ground. 3-fold blade installation angles, for balsawood and softwood

Art.-No.	Length			Barcode
921400	130 mm		1	



### Spare blades for hobby plane

PROFESSIONAL ★★★★★

Steel, ground both sides, for softwood



Art.-No.	Content	for	Length			Barcode
921464	5	Part no. 921400	45 mm		3	



### Surface rasp plane

HIGH QUALITY ★★★★★

Surface rasp plane, with SK 2 steel rasp blade, metal body with 2-component handle for optimal power transfer, for wood, boards, fibreboard and particle board, plaster and rigid foam materials

Art.-No.	Length			Barcode
484400	352		1	



# Planer

## Spare blade for surface rasp plane

HIGH QUALITY ★★★★★



Spare blades for surface rasp plane, SK 2 steel

Art.-No.	Length			Barcode
484410	250 x 40 mm		2	4 009314 844108



## Edge plane for plasterboard

PROFESSIONAL ★★★★★



With combination blades, for working on the edges of plasterboard sheets, chamfering of mating plasterboard edges, also for bevelling plasterboard edges for access hatches, with 23 degree triangular blade, adjustable for board widths 9.5mm, 12.5mm, 15mm and greater than 15mm, with square cutting blade, ground both sides

Art.-No.	Length			Barcode
185000	235 mm		1	4 009311 850003



## Spare blades for edge plane

PROFESSIONAL ★★★★★



3 blades, square, ground both sides, for edge plane 185000

Art.-No.	Content	Length			Barcode
185010	3	132 mm		3	4 009311 850102



## Accessories for laminate and parquet tools

### Laminate cutter

PROFESSIONAL ★★★★★

For all commercially available types of laminate, also with impact sound insulation, with the specially ground blade clean, straight cuts can be made precisely, without creating dust and noise, incl. material support.

Art.-No.	Content			Barcode
178610	Laminate cutter		1	



### Professional beater bar wood

PROFESSIONAL ★★★★★

Striking strip for parquet and laminate flooring made of solid beech wood.

Art.-No.	Length - width - height			Barcode
982320	280 x 57 x 24 mm		1	



### Drawbar 280 mm

PROFESSIONAL ★★★★★

Draw bar 280 mm made of steel for joint-tight joining of laminate and parquet.

Art.-No.	Length			Barcode
982330	280 mm		1	



### Professional puller 450mm

PROFESSIONAL ★★★★★

Draw bar 450 mm for laying laminate and parquet flooring with a welded-on tapping block. The underside is covered with felt to protect the laid floor covering.

Art.-No.	Length			Barcode
982340	450 mm		1	



## Accessories for laminate and parquet tools

### Beech wood wedges, 20 pcs.

PROFESSIONAL ★★★★★



Parquet or laminate installation wedges made of beech, for correct spacing from the wall during parquet or laminate flooring installation, spacing should be between 8 and 10 mm from the wall so that the floor cover can naturally expand based on the room air and temperature without damaging the floor, content: 8 thick wedges approx. 33 x 57 mm conical approx. 15 by 10 mm, 6 thin wedges approx. 33 x 57 mm conical approx. 10 by 5 mm, 6 thin wedges approx. 33 x 57 mm conical, approx. 10 by 3 mm



Art.-No.	Content			Barcode
982310	20 pieces		1	4 009319 823108

### Plastic wedges, 32 pcs.

HIGH QUALITY ★★★★★



Parquet or laminate installation wedges made of plastic, for correct spacing from the wall during parquet or laminate flooring installation, spacing should be between 8 and 10 mm from the wall so that the floor cover can naturally expand based on the room air and temperature without damaging the floor, content: 32 plastic wedges approx. 30 x 56 mm conical approx. 1 by 6 mm



Art.-No.	Content			Barcode
982350	32 pieces		1	4 009319 823504

# MEASURING TOOLS





# MEASURING TOOLS

## The benefits of measuring tools

- high quality measuring tools for every measuring job
- highly accurate measurement in every situation



## Range overview measuring tools



### PRECISA steel tape measure

Steel tape measure, concave tape, hardened, with special hook for inside and outside measurement, hook with strongly magnetic tip, automatic blade retraction, ABS plastic housing, breakage resistant, automatic tape brake, with EG type approval, accuracy class II, good for measuring internal dimensions for example drawers.

Page 164 – 166



### Wooden folding rule

Folding wooden rule, scratch-, weather- and abrasion resistant lacquer coating, red graduations, built-in steel springs, solid rivets, white/yellow base colour, cm- and mm scale marked both sides and both edges.

Page 166 – 167



### Digital vernier caliper, 150 mm

For exact inside, outside and depth measurements, crossover points for inside measuring, flat depth probe, caliper to DIN 862, LED display, graduation 0.01 mm/ 0.0005 inch, both scales can be zeroed, ideal for difference measurement, with thumb slider to lock the measured value.

Page 168 – 169



### kwb depth gauge

Suitable for tool presetting and subsequently measuring the work result. The 0 – 100 mm or 0 – 5" measuring range is infinitely adjustable. The stainless steel measuring tongue is dimensioned on both sides and is fixed by a brass screw.

Page 169

## kwb tip

### Precise location and hazard-free drilling

Before drilling you can be sure that there are no hidden live cables, pipes or battens under the surface to be drilled.

The kwb SAFETY-FIXX detects any buried live cables under the surface to be drilled with one sweep of the hand.

#### SAFETY-FIXX

Voltage- metal- and stud detector

Art.-No. 011620 (on page 179 of the catalogue)



### Carpenter's square / Joiner's square

Beechwood, clear lacquered, brass fastenings, mitre angle 45°, lacquered wooden handle, blued steel blade with mm graduation-blade length : 300 mm, for marking, measuring and testing.

Page 170 – 171



### Spirit levels

VPA quality tested, with vertical and horizontal vials, precision spirit level, accuracy 0.5mm/m, ultra violet resistant, breakage- and impact resistant vials, precision ground working surfaces, printed cm scale, with protective end caps.

Page 175 – 177



### Laser measuring tools

Designed for all situations where accurate measurements are required, e.g. hanging shelves, cupboards, tiles and picture frames with accuracy. For all work requiring a straight line or accurate measurement.

Page 178 – 180



### Thermo-Fixx remote temperature measure

Infrared temperature measure, non-contact remote temperature measurement with infrared technology, ideal for detecting thermal bridges during renovation work.

Page 179

## Belt dimensions and scales

### PRECISA steel tape measure

PROFESSIONAL ★★★★★



Steel tape measure, concave tape, hardened, with special hook for inside and outside measurement, hook with strongly magnetic tip, automatic blade retraction, ABS plastic housing, breakage resistant, automatic tape brake, with EG type approval, accuracy class II, good for measuring internal dimensions for example drawers

Art.-No.	Tape length x width	📦	📦	Barcode
060102	2 m x 16 mm	📦	2	4 009310 601026
060103	3 m x 16 mm	📦	2	4 009310 601033
060105	5 m x 19 mm	📦	2	4 009310 601057
060810	10 m x 25 mm	📦	1	4 009310 608100

### PRECISA steel tape measure

PROFESSIONAL ★★★★★



Steel tape measure, concave tape, hardened, with special hook for inside and outside measurement, hook with strongly magnetic tip, automatic blade retraction, ABS plastic housing, breakage resistant, automatic tape brake, with EG type approval, accuracy class II, good for measuring internal dimensions for example drawers

Art.-No.	Tape length x width	📦	📦	Barcode
<b>Display</b>				
060113	3 m x 16 mm	📦	18	4 009310 601132
060115	5 m x 19 mm	📦	12	4 009310 601156

### PRECISA steel tape measure, 3 + 5 m

QUALITY ★★★

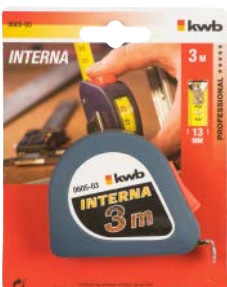


Steel tape measure, cambered (curved tape measure), hardened, with special hook for inside and outside measurement, hook equipped with strong magnets, automatic return after tape release, ABS plastic casing, break-proof, automatic tape lock, with EC type approval, accuracy class II

Art.-No.	Length	📦	📦	Barcode
060120	3 + 5 m	📦	6	4 009310 601200

### INTERNA steel tape measure with window

PROFESSIONAL ★★★★★



Steel tape measure, concave tape, hardened, with special hook for inside and outside measurement, automatic blade retraction, ABS plastic housing, breakage resistant, automatic tape brake, with EG type approval, accuracy class II, good for measuring internal dimensions for example drawers







Art.-No.	Tape length x width	📦	📦	Barcode
060503	3 m x 13 mm	📦	2	4 009310 605031

## Belt dimensions and scales

### Steel tape measure

QUALITY ★★★★★

Steel tape measure, concave tape, hardened, with special hook for inside and outside measurement, automatic blade retraction, ABS plastic housing, breakage resistant, automatic tape brake, with EG type approval, accuracy class II, good for measuring internal dimensions for example drawers.



Art.-No.	Tape length x width			Barcode
060212	2 m x 16 mm		10	
060213	3 m x 16 mm		10	
060215	5 m x 19 mm		10	
060218	8 m x 25 mm		10	



### Cassette measuring tape

PROFESSIONAL ★★★★★

Glass fibre measuring tape, printed both sides, with wrist strap, 2-component plastic housing, rewind handle, with EG type approval, accuracy class III



Art.-No.	Tape length x width			Barcode
063230	30 m x 13 mm		1	



### Open frame tape measure

PROFESSIONAL ★★★★★

Glass fibre measuring tape, printed both sides, with wrist strap, 2-component plastic housing, rewind handle with time-saving 1:3 gearing, quick tape retrieval, with spade handle for easy use, with EG type approval, accuracy class III




Art.-No.	Tape length x width			Barcode
063550	50 m x 13 mm		1	



### Open frame tape measure, 50 m

QUALITY ★★★★★

Glass fibre measuring tape, printed both sides, with wrist strap, 2-component plastic housing, rewind handle with time-saving 1:3 gearing, quick tape retrieval, with spade handle for easy use, with EG type approval, accuracy class III

Art.-No.	Tape length x width			Barcode
063495	50 m x 13 mm		2	



## Belt dimensions and scales

### Steel tape measure with hook

PROFESSIONAL ★★★★★



With ergonomically shaped 2-component pistol grip for better control, 13mm wide steel tape, yellow lacquered tape with single-sided continuous black mm graduation, with clear polyamide coating, high abrasion resistance, with fixing hook and blade lock to prevent damage in transit, measurement start B (measurement begins at the fitting), frame made from impact-resistant ABS plastic. Large, sturdy, foldable winding handle serves as safety lock in the closed position. EG accuracy class II

Art.-No.	Tape length x width			Barcode
063430	30 m x 13 mm		2	4 009310 634307
063450	50 m x 13 mm		2	4 009310 634505

### Wooden folding rule

PROFESSIONAL ★★★★★



Folding wooden rule, scratch-, weather- and abrasion resistant lacquer coating, red graduations, built-in steel springs, solid rivets, white/yellow base colour, cm- and mm scale marked both sides and both edges

Art.-No.	Length			Barcode
092500	200 cm		2	4 009310 925009

### Wooden folding rule, 2 m

QUALITY ★★★



Folding wooden rule, scratch-, weather- and abrasion resistant lacquer coating, red graduations, built-in steel springs, solid rivets, yellow base colour, cm- and mm scale marked both sides and both edges.

Art.-No.	Length			Barcode
092991	2 m		12	4 009310 929915

### Plastic folding rule

PROFESSIONAL ★★★★★



Glass fibre reinforced, yellow, black marking, riveted, cm- and mm scale on both sides and both edges

Art.-No.	Length			Barcode
092600	200 cm		2	4 009310 926006

## Belt dimensions and scales

### Wooden folding rule, 4 sections

HIGH QUALITY ★★★★★

4 sections, 1 metre long, wooden rule with brass joints, graduated cm and mm both sides and both edges

Art.-No.	Length			Barcode
093100	100 cm		2	



### Plastic folding rule, 4 sections

PROFESSIONAL ★★★★★

4 sections, 1 metre long, fibreglass reinforced plastic, riveted, graduated cm and mm both sides and both edges





Art.-No.	Length			Barcode
093200	100 cm		2	



### Steel rules

PROFESSIONAL ★★★★★

Graduation mm, inch, spring steel, flexible, stainless steel, hardened

Art.-No.	Dimensions			Barcode
061730	300 x 30 x 0,8 mm		1	
061750	500 x 30 x 0,8 mm		1	



# Caliper

## Precision vernier caliper

HIGH QUALITY ★★★★★



Vernier caliper to DIN 862, for exact measurement of outside and inside dimensions and depth, crossover points for inside measurements, flat depth measuring tab, stainless steel stock, matt chrome plated, readout in millimetres and inches, 0.05mm steps, ISO metric thread tables on the back. Supplied in handy plastic storage box

Art.-No.	Length	Measuring range	Graduation			Barcode
091700	215 mm	5 1/2" inch 140 mm	1/128" inch 1/20 mm		1	4 009310 917004



## Vernier caliper

QUALITY ★★★



Vernier caliper to DIN 862, for exact measurement of outside and inside dimensions and depth, crossover points for inside measurements, flat depth measuring tab, stainless steel stock, matt chrome plated, readout in millimetres and inches, 0.05 mm steps, ISO metric thread tables on the back. Supplied in handy plastic storage box.

Art.-No.	Length	Measuring range	Graduation			Barcode
092090	230 mm	6" inch 150 mm	1/128" inch 1/20 mm		5	4 009310 920905



## Button caliper

HIGH QUALITY ★★★★★



Brass pocket caliper, mm and inch graduations

Art.-No.	Length	Measuring range	Graduation			Barcode
091600	80 mm	3 1/4" inch 80 mm	1/16" inch 1/10 mm		2	4 009310 916007

## Precision caliper with digital display

HIGH QUALITY ★★★★★



For exact inside, outside and depth measurements, crossover points for inside measuring, flat depth probe, stock stainless steel, matt chrome plated, caliper to DIN 862, LED display, graduation 0.01mm/ 0.0005 inch, both scales can be zeroed, ideal for difference measurement, with thumb slider to lock the measured value, supplied in handy plastic storage box, 1.5 volt type LR44 battery included

Art.-No.	Length	Measuring range	Graduation			Barcode
091000	235 mm	6" inch 150 mm	0.005" inch 0.01 mm		1	4 009310 910005



# Caliper

## Digital vernier caliper, 150 mm

QUALITY ★★★★★

For exact inside, outside and depth measurements, crossover points for inside measuring, flat depth probe, caliper to DIN 862, LED display, graduation 0.01 mm/ 0.0005 inch, both scales can be zeroed, ideal for difference measurement, with thumb slider to lock the measured value, supplied in handy plastic storage box, 1.5 volt type LR44 battery included



Art.-No.	Length	Measuring range	Graduation			Barcode
090690	235 mm	6" inch 150 mm	0,005" inch 0,01 mm		2	4 009310 906909

## kwb depth gauge for routers and table saws

PROFESSIONAL ★★★★★

Measurement of milled or sawn groove depths; measurement of tool overhang on routers and table saws. Infinitely adjustable measuring range: 0 – 100 mm, sturdy stand



Art.-No.	for	Scale			Barcode
092100	routers + circular table saws	0 – 100 mm		3	4 009310 921001





## Angles and bevels

### Engineer's square with flange

PROFESSIONAL ★★★★★



zinc plated, with stop, precisely machined surfaces, 90° angled, extra rigid

Art.-No.	Square length x height			Barcode
061520	200 x 130 mm		1	4 009310 615207
061530	300 x 180 mm		1	4 009310 615306



### Engineer's square

PROFESSIONAL ★★★★★



zinc plated, precisely machined surfaces, 90° angled, extra rigid

Art.-No.	Square length x height			Barcode
061625	250 x 160 mm		1	4 009310 616259
061640	400 x 230 mm		1	4 009310 616402
061660	600 x 330 mm		1	4 009310 616600



### Carpenter's square/ Joiner's square

PROFESSIONAL ★★★★★



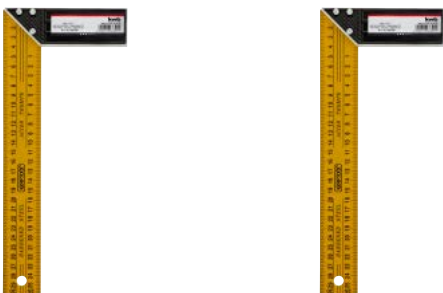
Beechwood, clear lacquered, brass fastenings, mitre angle 45°, lacquered wooden handle, blued steel blade with mm graduation-blade length : 300 mm, for marking, measuring and testing

Art.-No.	Length			Barcode
061830	300 mm		1	4 009310 618307



### Carpenter's square, 300 mm

QUALITY ★★★



With lockable protractor arm, double scale, anodised, graduations marked on both sides and both edges.







Art.-No.	Length			Barcode
066390	300 mm		6	4 009310 663901

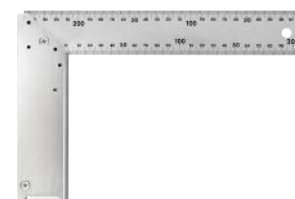
## Angles and bevels

### Square

HIGH QUALITY ★★★★★

With lockable protractor arm, continuously adjustable angle measuring, double scale, anodised, graduations marked on both sides and both edges



Art.-No.	Length			Barcode
067250	250 mm		1	
067300	300 mm		1	



### Stainless steel carpenter's square

PROFESSIONAL ★★★★★

Stainless steel, with marking holes, flexible





Art.-No.	Length			Barcode
069800	800 mm		1	



### kwb angle finder with angle divider

PROFESSIONAL ★★★★★

The kwb angle finder is used to transfer angles from one work-piece to another. The angle divider even allows precise adjustment of the mitre saw. Inaccurately cut strips in the corners of rooms will be a thing of the past!

Art.-No.	Dimensions			Barcode
061400	175 x 52 x 20 mm		3	



### Wooden bevel

PROFESSIONAL ★★★★★

Beechwood, for measuring and transferring of angles

Art.-No.	Length			Barcode
061930	300 mm		1	



## Angles and bevels

### Bevel

PROFESSIONAL ★★★★★

Wooden with steel tongue and brass pivot, for measuring and transferring angles



Art.-No.	Length			Barcode
063925	250 mm		2	4 009310 639258



### Aluminium bevel

QUALITY ★★★

Aluminium, for measuring and transferring angles



Art.-No.	Length			Barcode
063825	250 mm		2	4 009310 638251

### Protractor square

HIGH QUALITY ★★★★★

Plastic, for inside and outside measurement, 155mm long



Art.-No.	Square	Length x width			Barcode
065800	0 – 180°	155 x 90 mm		2	4 009310 658006

## Directives

### Surfacing/ straight edge

PROFESSIONAL ★★★★★

Aluminium, plastic end caps

Art.-No.	Length			Barcode
062220	200 cm		2	



### Surfacing/ straight edge with level

PROFESSIONAL ★★★★★

Aluminium, with horizontal and vertical level bubbles, plastic end caps






Art.-No.	Length			Barcode
062060	300 cm		2	
062015	150 cm		2	
062020	200 cm		2	
062025	250 cm		2	
062030	300 cm		2	



### H-profile skimming spatulas

PROFESSIONAL ★★★★★

Aluminium, H-section, for smoothing plaster over difficult substrates such as concrete, filling irregularities to give a good final surface





Art.-No.	Length			Barcode
062112	120 cm		2	
062115	150 cm		2	
062120	200 cm		2	



### Feather edge

PROFESSIONAL ★★★★★

Aluminium, feather edge section with centre bevel, for smoothing plaster over difficult substrates such as concrete, filling irregularities to give a good final surface

Art.-No.	Length			Barcode
062312	120 cm		2	
062315	150 cm		2	






# Directives

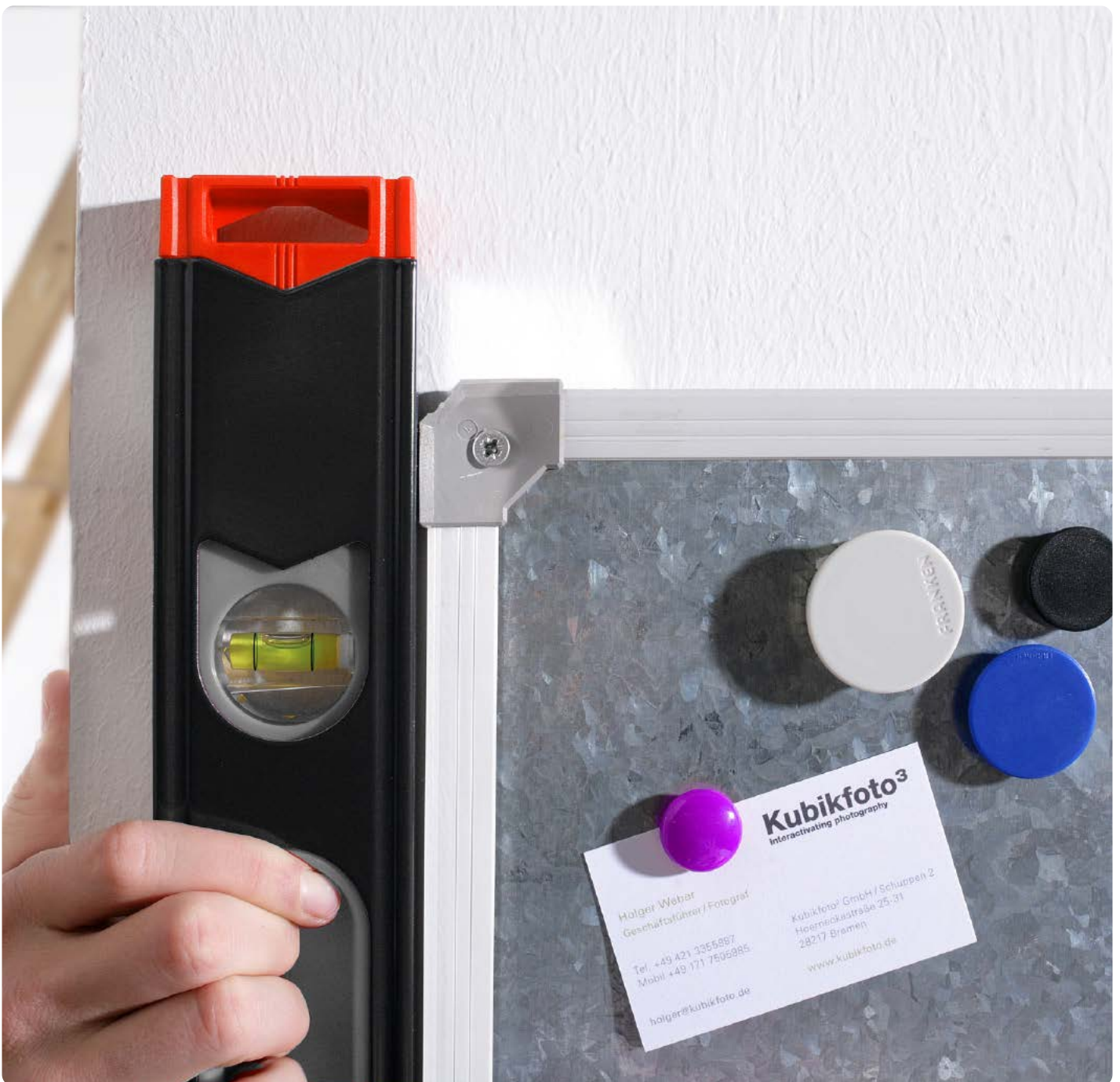
Feather edge

PROFESSIONAL ★★★★★

Aluminium, plastic end caps, pointed profile



Art.-No.	Length			Barcode
062320	200 cm		2	 4 009310 623202





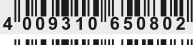


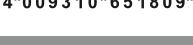


## Water truck

### Aluminium spirit level

PROFESSIONAL ★★★★★

VPA quality tested, with vertical and horizontal vials, precision spirit level, accuracy 0.5mm/m, ultra violet resistant, breakage- and impact resistant vials, precision ground working surfaces, printed cm scale, with protective end caps






Art.-No.	Length			Barcode
065040	40 cm		1	
065060	60 cm		1	
065080	80 cm		1	
065100	100 cm		1	
065120	120 cm		1	
065180	180 cm		1	



### Precision spirit level, aluminium

QUALITY ★★★

with vertical and horizontal vials, precision spirit level, accuracy 0.5 mm/m, ultra violet resistant, breakage- and impact resistant vials, with protective end caps.


Art.-No.	Length			Barcode
065044	40 cm		5	
065064	60 cm		5	
065084	80 cm		5	



### Profi spirit level with remote viewing optics

PROFESSIONAL ★★★★★

VPA quality tested, accuracy 0.5mm/m, ultra violet resistant, mit 3 breakage- and impact resistant vials, 1 horizontal, 1 vertical and 1 vertical with prism for easy reading in difficult-to-access areas, precision ground working surface both sides, both ends with protective end caps, comfortable soft-grip handle, ideally suited for vertical and overhead measurement


Art.-No.	Length			Barcode
068080	80 cm		1	



### Electrician spirit level

PROFESSIONAL ★★★★★

Electrician's aluminium spirit level 43 cm made of a robust aluminium tube profile with shock-absorbing end caps. Ideal for positioning sockets and light switches due to perfectly integrated distance markers.

Art.-No.	Length			Barcode
065210	43 cm		1	



# Water truck

## Drywall spirit level

PROFESSIONAL ★★★★★



Aluminum rectangular profile with incisions at 0; 41.7 cm and 62.5 cm intervals for alignment of metal wall profile supports. Cuts with strong rare earth magnets for easy fixing, adjustment and installation of drywall profiles. Milled measuring surface, shock absorbing and impact resistant end caps. Easily set up and align drywall profiles for gypsum board installation using the installation points on the level.

Art.-No.	Length			Barcode
065220	90 cm		1	4 009310 652202

## Mini spirit level

HIGH QUALITY ★★★★★



With vertical and horizontal bubbles

Art.-No.	Length			Barcode
065010	100 mm		2	4 009310 650109

## Aluminium mini spirit level, 20 cm

QUALITY ★★★



high-quality mini spirit level made of aluminium, impact-resistant plastic edges, with 2 spirit levels embedded in acrylic glass for horizontal and vertical measurements where space is limited, with milled and V-groove on the base of the spirit level for measurements on round surfaces such as cable ducts or copper pipes, measuring accuracy +/- 1 mm/m.

Art.-No.	Length			Barcode
065280	20 cm/20cm		5	4 009310 652806

## 16 Mini spirit levels display

QUALITY ★★★



High-quality mini spirit level made of aluminium, impact-resistant plastic edges, with 2 spirit levels embedded in acrylic glass for horizontal and vertical measurements where space is limited, with milled and V-groove on the base of the spirit level for measurements on round surfaces such as cable ducts or copper pipes, measuring accuracy +/- 1 mm/m.

Art.-No.	Length			Barcode
<b>16 pcs. in display</b>				
065292	20 cm		1	4 009310 652929

# Water truck

## Line level

PROFESSIONAL ★★★★★

Handy small line level made from ABS plastic with Plexiglas bubble and flat aluminium underside, for building, floor tile laying or plastering, can be affixed to mason's or brick lines

Art.-No.	Length			Barcode
065710	78 mm		6	



## Post level

HIGH QUALITY ★★★★★

With vertical and horizontal bubbles, for aligning bollards, fence posts etc.

Art.-No.	Length			Barcode
062500	58 mm		5	



## Water level

PROFESSIONAL ★★★★★

20m transparent clearview hose, flexible, with transparent filling funnel, 2 white stoppers, for transferring level measurements over long distances or in different rooms

Art.-No.	Length			Barcode
064720	20 m		1	





## Measuring instruments and search devices

### Cross-line laser

PROFESSIONAL ★★★★★



for easy and quick alignment of horizontal, vertical or cross lines on walls. The laser beams can be switched separately. Ideal for tiling or vertical line for wallpaper hanging. Simple and intuitive operation, automatic levelling up to  $\pm 4^\circ$  device inclination or fixed mode for lateral lines. Warning lamp when  $4^\circ$  inclination is exceeded and deactivation of laser lines to avoid incorrect measurements, measuring range 8 metres, horizontal measuring angle  $170^\circ$ , vertical measuring angle  $140^\circ$ , with integrated  $\frac{1}{4}$ " thread - fits all established tripods. Laser category 2, 635 nm wavelength, measuring accuracy 0.5 mm/m

Art.-No.	Content			Barcode
062910	1 cross laser self-levelling 3 line modes (horizontal, vertical, crossed) 1 nylon bag incl. batteries		1	4 009310 629105



### SAFETY-FIXX Voltage, metal and stud detector

PROFESSIONAL ★★★★★



Precise location and hazard-free drilling with the 3in1 SAFETY-FIXX interior location device. Before drilling you can be sure that there are no hidden live cables, pipes or battens under the surface to be drilled. The device simply calibrates itself to the work surface, then with one pass detects any live cables, metal up to 38 mm deep and drywall studs up to 18 mm deep. When the device detects something the diodes illuminate and there is an acoustic signal. Using the reference points on the housing you can accurately mark the first edge of buried objects on the first pass. By then passing the device back in the other direction you can mark the other extremity of the buried object, so exactly between the marks is the centre of the object.

Measurement accuracy  $\pm 3$  mm, 9 volt alkaline battery included, dimensions  $15.5 \times 6.5$  cm.

Art.-No.	Content			Barcode
011620	SAFETY FIXX inkl. 9 Volt Alkaline battery		2	4 009310 116209







## Measuring instruments and search devices

### Damp meter for wood and building materials

PROFESSIONAL ★★★★★

TÜV GS tested, universally useful device for measuring dampness in wood and building materials, 4 x 1.5V AAA batteries included, large, easy-to-read LCD display, for renovation work, when buying firewood, assessing water damage, with LED to illuminate dark corners





Art.-No.	Content			Barcode
012100	Damp meter for wood and building materials inkl. 4 x 1,5 AAA Batteries		1	

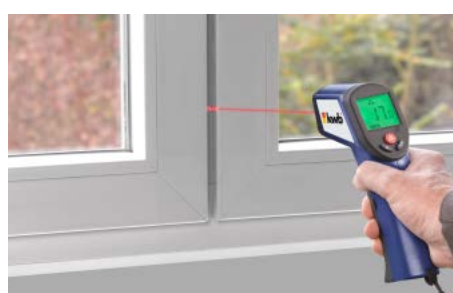


### THERMO-FIXX temperature measuring device

PROFESSIONAL ★★★★★

infrared temperature measuring device, contact-free measurement of surface temperatures with infrared technology, ideal to sense thermal bridges for refurbishment of old buildings, water temperature, heating lines, engine heat, laser aim point for precise focusing on measuring points, measuring range from -20°C to + 320°C, measuring lens 12 : 1, switchable temperature display from Celsius to Fahrenheit, automatic deactivation after 10 seconds, laser category 2, 635 nm wavelength, measuring accuracy 0°C to 320°C = +/- 1.5°C 0.5 mm/m, -50°C to 0°C = +/- 3.0°C, with 9 V DC monobloc battery

Art.-No.	Content			Barcode
012310	Thermo-FIXX inkl. 9 V DC block battery		1	



## Measuring instruments and search devices

### Torpedo laser level

PROFESSIONAL ★★★★★



TÜV GS tested, with vertical and horizontal bubbles, laser class 2, 650nm wavelength, batteries included, magnetic base

Art.-No.	Length			Barcode
064400	270 mm		1	4 009310 644009

### Mini laser with mirror optics

PROFESSIONAL ★★★★★



TÜV GS tested, with horizontal bubble, laser class 2, 650nm wavelength, with inbuilt height levelling, with universal prism, batteries included

Art.-No.	Length			Barcode
064500	220 mm		1	4 009310 645006

### Tripod for laser levels

HIGH QUALITY ★★★★★



With adaptor for all industry-standard cameras and laser measuring devices, telescopic from 550 to 1540mm

Art.-No.	for			Barcode
064340	064100 / 066400 / 062900		1	4 009310 643408

### Construction and wood moisture measuring device

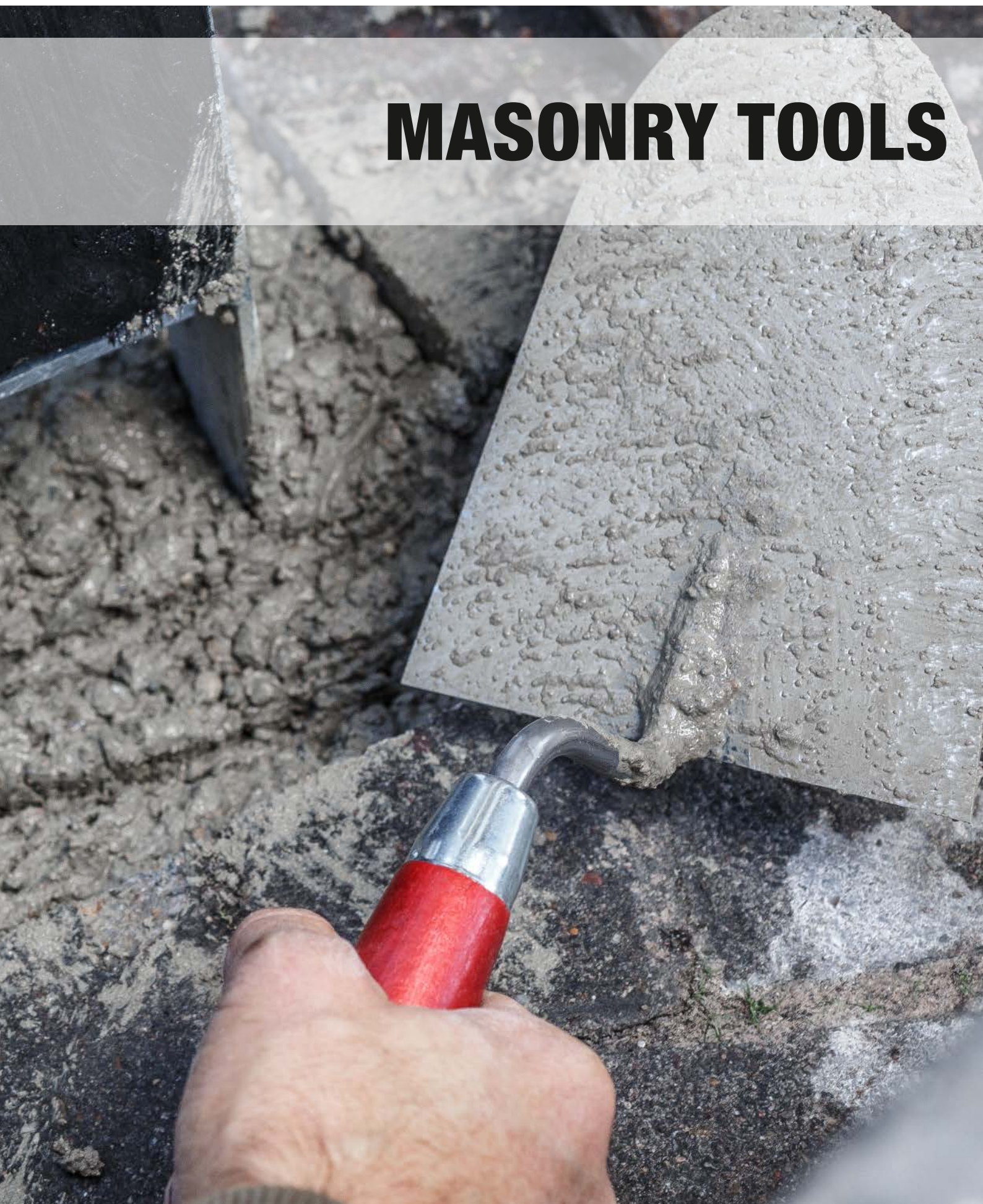
QUALITY ★★★



Universal device for the determination of building and wood moisture. Ideal for refurbishment, water damage, timber purchase. For many materials such as wood, cardboard, paper, plaster, concrete, mortar, LED display with background lighting. Measurement of the ambient temperature in °C and °F, application temperature 0 - 40 ° for optimum measurements. Incl. Batteries 4 x CR44, 8 pieces in the display.

Art.-No.	Content			Barcode
<b>8 pieces in a display</b>				
011890	Damp meter for wood and building materials inkl. 4 x 1,5 AAA Batteries		8	4 009310 118906

# MASONRY TOOLS



# MASONRY TOOLS

## kwb has everything for the professional

- spatulas of many types eg painter's scrapers, spreaders, taping knives and silicon finishers
- extensive range of tiling products
- trowels for many different uses e.g. spreading mortar for building and plastering
- floats for a smooth finish and uniform surface



## Range overview masonry tools



### Scraper

Removes wallpaper in corners and from edges, wooden and plastic handles, space-saving. Ideal for working on lime plaster, concrete and wood, for neat removal of fillers etc.

Page 190 – 194



### Toothed adhesive spreader

Stainless steel blade, trapezium format, wooden handle, for removing adhesive, tile adhesive and screed.

Page 192 – 193



### Tile spacers

Plastic, white, while laying tiles place the crosses in the joints between the tiles, so that the joint width between the tiles is uniform, and so that the tiles can't move after being laid

Page 200



### Tile washboy sets

Washboy sets for tiles, great for washing down tiles, washing after jointing, plastering and building jobs, including black bucket with mangle.

Page 201

## kwb tip

### Kneepad

consisting of hard shells with a hinge and cushioned backing of closed cellular foam, high degree of mobility and anti-slip profile at the knee surface, ideal for tiling, working in the garden and other kneeling work, moisture and dirt-repellent, with wide, universally adjustable straps for better fit on the knee, thus improving the blood circulation when kneeling, acc. to DIN EN 14404, offers protection against cuts and stitches when kneeling on the grounds, performance categorie 2

#### Kneepad Kniefix-Gelenk

Art.-No. 922500 (on page 189 of catalogue)



### Mason's line

Nylon mason's line, braided, for horizontal and vertical alignment of bricks and blocks

Page 205



### Smoothing trowels

Stainless steel and steel types, straight edge or toothed, perfectly suited for applying and smoothing filler and mortar to flat surfaces, also for spreading adhesives during building work or tiling.

Page 213 – 215



### Trowels

Stainless steel and steel types, for all bricklaying and plastering work, universal use, ergonomically shaped wooden or 2-component plastic handles allow comfortable working, suitable for application of plaster, screed and render.

Page 208 – 213



### Floats

Plastic, with various facings, for achieving an especially smooth plaster surface.

Page 217 – 220

## Drywall planer and drywall accessories

### Surface rasp plane

HIGH QUALITY ★★★★★



Surface rasp plane, with SK 2 steel rasp blade, metal body with 2-component handle for optimal power transfer, for wood, boards, fibreboard and particle board, plaster and rigid foam materials

Art.-No.	Length			Barcode
484400	352 mm		1	4 009314 844009



### Spare blade for surface rasp plane

HIGH QUALITY ★★★★★



Spare blades for surface rasp plane, SK 2 steel

Art.-No.	Length			Barcode
484410	250 x 40 mm		2	4 009314 844108



### Edge plane for plasterboard

PROFESSIONAL ★★★★★



With combination blades, for working on the edges of plasterboard sheets, chamfering of mating plasterboard edges, also for bevelling plasterboard edges for access hatches, with 23 degree triangular blade, adjustable for board widths 9.5mm, 12.5mm, 15mm and greater than 15mm, with square cutting blade, ground both sides

Art.-No.	Length			Barcode
185000	235 mm		1	4 009311 850003



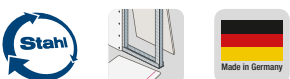
### Spare blades for edge plane

PROFESSIONAL ★★★★★



3 blades, square, ground both sides, for edge plane 185000

Art.-No.	Content	Length			Barcode
185010	3	132 mm		3	4 009311 850102



## Drywall planer and drywall accessories

### Plasterboard knife

PROFESSIONAL ★★★★★

Curved, ground blade, foldable, wooden handle, for cutting plasterboard. Fermacell and lightweight building materials






Art.-No.	Dimensions			Barcode
029000	75 mm		2	



### Sheetrock saw

PROFESSIONAL ★★★★★

Plasterboard saw with wooden handle, lacquered, conical blade shape, medium tooting, toothed tips hardened, for cut-outs, roundings and holes in lightweight boards





Art.-No.	 inch/7"	Blade length			Barcode
307510	8	170 mm		2	



### Hand sander set with 2 mesh sanding sheets

PROFESSIONAL ★★★★★

Hand sander with spring clamps for all sanding sheets size 93 x 230 mm. Mesh sanding sheets, fibreglass reinforced mesh, resin bonded with silicon carbide abrasive, for smoothing filler, removing paint, resin, acrylic lacquer, rust without clogging.





Art.-No.	Content			Barcode
484200	Hand sander, mesh sanding sheets 1 x 120, 1 x 180		2	



### Hand sander set, with 12 mesh sanding sheets

PROFESSIONAL ★★★★★

Hand sander with spring clamps for all sanding sheets size 93 x 230 mm. Mesh sanding sheets, fibreglass reinforced mesh, resin bonded with silicon carbide abrasive, for smoothing filler, removing paint, resin, acrylic lacquer, rust without clogging.

Art.-No.	Content			Barcode
484250	Hand sander, mesh sanding sheets 1 x 120, 1 x 180, value pack 10 x 120		1	





## Drywall planer and drywall accessories

### Mesh sanding sheets for RENDER & PLASTERBOARD, 93 x 230 mm

PROFESSIONAL ★★★★★



Mesh abrasive sanding sheets, fibreglass reinforced mesh construction, silicon carbide abrasive, for sanding render, removing paint, resin, acrylic, rust. No clogging of the abrasive

Art.-No.	Format	Grit	Content			Barcode
851120	93 x 230 mm	120	2		5	
851180	93 x 230 mm	180	2		5	



### Mesh sanding sheets for RENDER & PLASTERBOARD, 93 x 230 mm

PROFESSIONAL ★★★★★



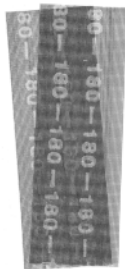
Mesh abrasive sanding sheets, fibreglass reinforced mesh construction, silicon carbide abrasive, for sanding render, removing paint, resin, acrylic, rust. No clogging of the abrasive

Art.-No.	Format	Grit	Content			Barcode
<b>Bargain pack</b>						
851820	93 x 230 mm	120	5		5	
851880	93 x 230 mm	180	5		5	



### Mesh sanding sheets, RENDER & PLASTERBOARD, 93 x 280 mm

PROFESSIONAL ★★★★★



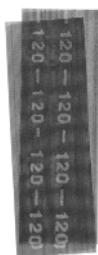
Mesh abrasive sanding sheets, fibreglass reinforced mesh construction, silicon carbide abrasive, for sanding render, removing paint, resin, acrylic, rust. No clogging of the abrasive

Art.-No.	Format	Grit	Content			Barcode
854120	93 x 280 mm	120	2		5	
854180	93 x 280 mm	180	2		5	



### Mesh sanding sheets, RENDER & PLASTERBOARD, 115 x 280mm

PROFESSIONAL ★★★★★



Mesh abrasive sanding sheets, fibreglass reinforced mesh construction, silicon carbide abrasive, for sanding render, removing paint, resin, acrylic, rust. No clogging of the abrasive

Art.-No.	Format	Grit	Content			Barcode
<b>Bargain pack</b>						
854820	93 x 280 mm	120	5		5	
854880	93 x 280 mm	180	5		5	



## Drywall planer and drywall accessories

### Mixer for Lacquer, Ø 70 mm

PROFESSIONAL ★★★★★

The kwb paint and varnish stirrer is made from nylon and has a diameter of 70 mm and length of 400 mm. For mixing all paints and varnishes in container sizes up to 15 kg and with flashpoints below 21° Celsius. The special stirring geometry of the kwb paint stirrer ensures good mixing, while the hexagonal shank guarantees a firm grip. The paint and varnish stirrer is designed to be used as a stirring paddle with power drills with an output of 500 W or over.

Art.-No.	Ø mm	Length	mm	Capacity			Barcode
497007	70 mm	400 mm	8 mm	1-15 kg.		1	4 009314 970074



### Paint mixers

PROFESSIONAL ★★★★★

Paint mixers

Art.-No.	Ø mm	Length	mm	Capacity			Barcode
497206	60 mm	400 mm	8	max. 5 l		1	4 009314 972064
497208	80 mm	400 mm	8	5 - 15 l		1	4 009314 972085
497210	100 mm	590 mm	10	10 - 25 l		1	4 009314 972108
497212	120 mm	590 mm	10	20 - 30 l		1	4 009314 972122



### Universal paint mixer

QUALITY ★★★

Mixers for paint, metal spiral, for mixing emulsion and wall paint, thin mortar, heavy duty pattern, smooth running, for use in commonly used drills, minimum 500 watt.

Art.-No.	Ø mm	Length	mm	Capacity			Barcode
497191	60 mm	400 mm	8	max. 5 l		6	4 009314 971910
497391	80 mm	400 mm	8	5 - 15 l		3	4 009314 973914
497591	100 mm	590 mm	10	10 - 25 l		3	4 009314 975918



### Mortar mixer

PROFESSIONAL ★★★★★

Mortar mixer

Art.-No.	Ø mm	Length	mm	Capacity			Barcode
497607	70 mm	400 mm	8	4 - 7 l		1	4 009314 976076
497609	90 mm	400 mm	8	7 - 10 l		1	4 009314 976090
497612	100 mm	590 mm	10	10 - 15 l		1	4 009314 976120



## Drywall planer and drywall accessories

### Mortar mixer M14

PROFESSIONAL ★★★★★



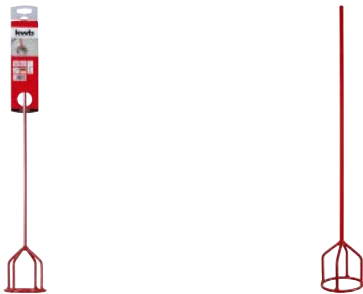
Mixers for mortar, metal spiral, M14 outside thread with hexagon flange, for mixing mortar, cement, screed, concrete and adhesives, heavy duty pattern, easy, safe and smooth running, powder coated, no splashing of paint in use, for use in commonly used drills, minimum 700 watt.

Art.-No.	Ø mm	Length	T mm			Barcode
497630	100 mm	590 mm	M 14		1	4 009314 976304
497632	120 mm	590 mm	M14		1	4 009314 976328



### Adhesive mixing paddles

PROFESSIONAL ★★★★★



Adhesive mixing paddles

Art.-No.	Ø mm	Length	T mm	Capacity			Barcode
497708	85 mm	400 mm	8	5 - 10 l		1	4 009314 977080
497709	90 mm	590 mm	8	10 - 15 l		1	4 009314 977097



### kwb three-piece mixing stirrer set for use in liquid materials

QUALITY ★★★



This three-piece kwb mixing stirrer set consists of a varnish mixer, a large paint mixer and a small paint mixer. The mixers are ideal for mixing varnishes and paints weighing between 5 and 15 kg. Galvanised surfaces guarantee a long service life. The mixers are suitable for mechanical use with a drill.

Art.-No.	Content	Ø mm	Length			Barcode
497290	3 piece	55 - 60 - 80 mm	350 - 400 mm		6	4 009314 972900

### Kneepad for tilers

PROFESSIONAL ★★★★★



water-repellent outer cap and gel foam backing, super lightweight, ideal for tiling, working in the garden and other kneeling work, with wide strap and hook-and-loop fastener for good fit on the knee, thus improving the blood circulation when kneeling, acc. to DIN EN 14404, offers protection against cuts and stitches when kneeling on grounds, performance category 1

Art.-No.	Content			Barcode
923920	1 pair		1	4 009319 239206

## Drywall planer and drywall accessories

### Kneepad Kniefix-Super +

PROFESSIONAL ★★★★★

consisting of polyurethane, ideal for tiling, working in the garden and other kneeling work, leaves no marks on the floor when skidding, with wide, universally adjustable rubber straps for better fit on the knee, thus improving the blood circulation when kneeling, acc. to DIN EN 14404, offers protection against cuts and stitches when kneeling on the grounds, performance categorie 1

Art.-No.	Content			Barcode
922420	1 pair		1	 4 009319 224202



### Kneepad Kniefix-Gelenk

PROFESSIONAL ★★★★★

consisting of hard shells with a hinge and cushioned backing of closed cellular foam, high degree of mobility and anti-slip profile at the knee surface, ideal for tiling, working in the garden and other kneeling work, moisture and dirt-repellent, with wide, universally adjustable straps for better fit on the knee, thus improving the blood circulation when kneeling, acc. to DIN EN 14404, offers protection against cuts and stitches when kneeling on the grounds, performance categorie 2

Art.-No.	Content			Barcode
922500	1 pair		1	 4 009319 225001



## Spatula, tiling tool and masonry tool

### Painter's scraper, stainless

PROFESSIONAL ★★★★★



Stainless steel, plastic handle, for removing wallpaper on flat surfaces, edges and in corners, for applying filler and adhesives, for removing adhesive residues and grime, ideal for working on lime, concrete and wood, filler can be neatly applied with the scraper, easily removes residues of adhesive and grime

Art.-No.	Scraper width			Barcode
029740	40 mm		2	4 0093 10 297403
029760	60 mm		2	4 0093 10 297601
029780	80 mm		2	4 0093 10 297809
029799	100 mm		2	4 0093 10 297991

### Painter's scraper, stainless, 3 pc.

QUALITY ★★★



Stainless steel, plastic handle, for removing wallpaper on flat surfaces, edges and in corners, for applying filler and adhesives, for removing adhesive residues and grime, ideal for working on lime, concrete and wood, filler can be neatly applied with the scraper, easily removes residues of adhesive and grime.

Art.-No.	Scraper width			Barcode
029890	40, 60, 80 mm		5	4 0093 10 298905

### Painter's scraper

HIGH QUALITY ★★★★★



Flexible metal blade, with clear lacquered wooden handle, for removing wallpaper on flat surfaces, in corners and on edges, for applying fillers and adhesives, for removing adhesive residues and surface contamination, ideal for working on lime, concrete and wood, scrapers can be used to make a clean surface for painting, easily removes glue residues and encrusted grime

Art.-No.	Scraper width			Barcode
029300	30 mm		6	4 0093 10 293009
029400	40 mm		6	4 0093 10 294006
029500	50 mm		6	4 0093 10 295003
029600	60 mm		6	4 0093 10 296000
029800	80 mm		6	4 0093 10 298004
030000	100 mm		6	4 0093 10 300004

## Spatula, tiling tool and masonry tool

### Set of 3 painter's scrapers

QUALITY ★★★★★

Metal sheet, flexible, with wooden handle with a clear varnish, for removing wallpaper on the surface, in corners, and on edge, for applying filler and adhesives, for removing glue remnants and impurities, ideal for work on plaster, concrete, and wood, filler can be cleanly applied with the painter's spatula, easily removes glue remnants and crusted-on soiling.



Art.-No.	Scraper width			Barcode
029997	40, 60, 80 mm		10	 4 009310 299971



### Rigid scraper

PROFESSIONAL ★★★★★

Long sheet metal blade with ground chamfered edge, extra rigid, with wooden handle, for removing or cutting off old paint, render, removing carpet, adhesive and plaster residues, de-rusting smooth surfaces

Art.-No.	Scraper width			Barcode
030970	70 mm		2	 4 009310 309700



### Spatula, multi-purpose

PROFESSIONAL ★★★★★

Stainless steel blade, extra wide, with long plastic grip for easy handling, for cleaning, adhesive residue, surface coating and filler removal



Art.-No.	Scraper width			Barcode
029200	150 mm		2	 4 009310 292002



### Adhesive spreader/ finishing spatula

PROFESSIONAL ★★★★★

Bright sheet metal blade, trapezium shaped, wooden handle, smooth, for applying adhesives, fillers etc. to smooth old and rough plaster, to cover grooves and cracks

Art.-No.	Scraper width			Barcode
032320	200 mm		2	 4 009310 323201



## Spatula, tiling tool and masonry tool

### Painter's scraper set, 4 pcs.

QUALITY ★★★★★



Plastic back with steel blade, bare

Art.-No.	Content	Scraper width			Barcode
029990	4 pieces	50, 80, 100, 120 mm		10	4 009310 299902



### Painters scraper, 4 pcs.

QUALITY ★★★★★



Plastic, 50, 80, 100 and 120 mm

Art.-No.	Content	Scraper width			Barcode
032290	4 pieces	50, 80, 100, 120 mm		30	4 009310 322907

### Toothed adhesive spreader

PROFESSIONAL ★★★★★★



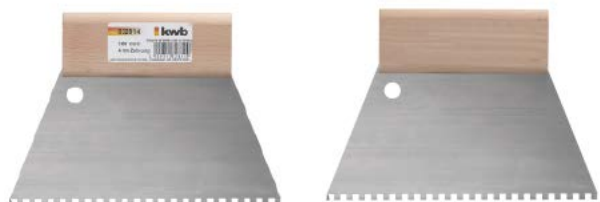
Stainless steel blade, trapezium format, wooden handle, for removing adhesive, tile adhesive and screed

Art.-No.	Scraper width	Tooth spacing			Barcode
032718	180 mm	6 mm		2	4 009310 327186



### Toothed adhesive spreader

PROFESSIONAL ★★★★★★



Bright sheet metal blade, trapezium shaped, wooden handle. For applying glue, tile adhesive, render and plaster

Art.-No.	Scraper width	Tooth spacing			Barcode
032814	180 mm	4 mm		4	4 009310 328145
032818	180 mm	6 mm		4	4 009310 328183



## Spatula, tiling tool and masonry tool

### Toothed adhesive spreader

HIGH QUALITY ★★★★★

Plastic, toothed all round, each side with different tothing, for applying glue, tiling adhesive in various thicknesses, and screed

Art.-No.	Dimensions			Barcode
032900	180 x 140 mm		10	4 009310 329005



### Toothed adhesive spreader

PROFESSIONAL ★★★★★

Bright sheet metal blade, trapezium shaped, wooden handle. For applying glue, tile adhesive, render and plaster, especially for applying flooring adhesive

Art.-No.	Scraper width	Tooth spacing			Barcode
033312	180 mm	a forma BZ		4	4 009310 333125



### Adhesive spreader/ finishing spatula with 2-component handle

PROFESSIONAL ★★★★★

Bright sheet metal blade, trapezium shaped. 2-component grip, smooth, good for applying adhesives, plaster and fillers over large surfaces

Art.-No.	Scraper width			Barcode
033240	400 mm		2	4 009310 332401
033260	600 mm		2	4 009310 332609



### Taping knife

PROFESSIONAL ★★★★★

Stainless steel, trapezium-shaped, wooden handle, for filling large areas, for smoothing plaster

Art.-No.	Scraper width			Barcode
934525	250 mm		1	4 009319 345259
934550	500 mm		1	4 009319 345501





## Spatula, tiling tool and masonry tool

### Scraper

PROFESSIONAL ★★★★★



Tungsten carbide blade, ground both sides, light alloy holder with 2-component grip, for cleaning and removal of paint and varnish residues

Art.-No.	Width	Height			Barcode
032450	50 mm	45 mm		2	4 009310 324505

HM

### Jointing spatula

PROFESSIONAL ★★★★★



Stainless steel, 2-component handle, with cross slot PH 2 bit and 1/4" drive in end of handle, for smoothing plasterboard joints and quickly manually removing any projecting screws

Art.-No.	Scraper width			Barcode
033115	150 mm		6	4 009310 331152



### Blades for scraper

PROFESSIONAL ★★★★★



Tungsten carbide blade, ground both sides, double-sided

Art.-No.	Width	Height			Barcode
032550	50 mm	3 mm		2	4 009310 325502

HM

### Putty knife

HIGH QUALITY ★★★★★



Flexible blade, conical ground, 2 cutting edges with wooden handle, for removing putty and filler

Art.-No.	Blade			Barcode
029010	95 mm		6	4 009310 290107



## Spatula, tiling tool and masonry tool

### Silicone spatula

PROFESSIONAL ★★★★★

Rubber, for smoothing and removal of excess sealant on newly applied silicone beads


Art.-No.	Dimensions			Barcode
033010	134 x 64 x 9 mm		5	4 009310 330100



### FUGENSTAR, Joints straighteners set, 4 pcs.

QUALITY ★★★★★

Sealant finishing set, rubber, for smoothing and shaping freshly applied silicone or acrylic sealants, with various profiles, in storage box


Art.-No.	Content			Barcode
033130	4 pieces		1	4 009310 331305



### Sealant removal tool

PROFESSIONAL ★★★★★

Plastic with metal blade, with 90° blade angle, giving easy removal and scraping out of old silicone and acrylic sealants from connection and expansion joints

Art.-No.	Length			Barcode
033100	280 mm		2	4 009310 331008



### Joint scraper with stainless steel blade

QUALITY ★★★★★

Stainless steel, non-corrosive, with 2-component handle, to remove old or damaged silicone joints

Art.-No.	Length			Barcode
033150	185 mm		1	4 009310 331503



## Spatula, tiling tool and masonry tool

### Caulking gun

PROFESSIONAL ★★★★★



suitable for processing of silicone, acryl and different adhesive and sealant cartridges. With 310 ml standard cartridges, smooth progressive feeding with the non-teethed feeder bar by interior plastic guide, the feeder plate is made of two metal layers with a plastic interlayer, thus ensuring even dosage of the content without problems. Optimal operation in any position, integrated ladder hook, sturdy and coated cartridge steel steel-sheet shell, rotatable, with additional puncture pin at the handle to penetrate dried cartridge tips and drip catcher to prevent the content from dripping out.

Art.-No.	Length			Barcode
932000	230 mm		1	4 009319 320003

### Skeleton sealant gun

PROFESSIONAL ★★★★★



suitable for processing of silicone, acryl and different adhesive and sealant cartridges. With 310 ml standard cartridges, smooth progressive feeding with the non-teethed feeder bar by interior plastic guide, the feeder plate is made of two metal layers with a plastic interlayer, thus ensuring even dosage of the content without problems. Optimal operation in any position, integrated ladder hook, sturdy and coated cartridge steel steel-sheet shell, rotatable

Art.-No.	Length			Barcode
932111	230 mm		1	4 009319 321116

### Caulking gun, skeleton type

QUALITY ★★★



suitable for processing silicone, acrylic, and various adhesive and sealant cartridges with 310 ml standard cartridges, feeds via the serrated feed bar, the metal feeder ensures a smooth dosing of the cartridge content, optimum operation in every location, integrated ladder hook, coated cartridge sheet steel half shell.

Art.-No.	Length			Barcode
932211	230 mm		12	4 009319 322113

### Caulking gun

QUALITY ★★★



Metal housing made of 1.1 mm thick sheet steel, very sturdy design, semi-open shape, suitable for silicone, various adhesive and sealant cartridges 310 ml, serrated push rod for optimum power transmission and precise dosing, with silicone tip cleaner.

Art.-No.	Length			Barcode
932091	225 mm		6	4 009319 320911

## Spatula, tiling tool and masonry tool

### Sealant gun

PROFESSIONAL ★★★★★

Aluminium housing, enclosed format, with enclosed aluminium cylinder, suitable for silicone, various adhesives and sealants in 310ml cartridges as well as foil packs 300-400ml, untoothed stock for consistent pressure and precise dispensing



Art.-No.	Length			Barcode
932300	235 mm			

### Caulking gun set, 6 pieces

QUALITY ★★★

consisting of 1 caulking gun, closed aluminium type, for hoses and customary cartridges of 300 ml or 310 ml, untoothed stock for consistent pressure and precise dispensing, 4 rubber pieces silicone and acrylic joints, and 2 spare plastic tips for charging silicone and acrylic mass.



Art.-No.	Content	Length			Barcode
932390	6 pieces	235 mm			

### Spare Nozzles for Cartridges with Sealing Cap

QUALITY ★★★

ideal replacement for dried or lost cartridge nozzles; can be cut to size for different joint widths; fits all customary standard cartridges such as silicon and acrylic, MS polymer and all customary PE cartridges. White with blue sealing cap.



Art.-No.	Content			Barcode
932690	3 pieces			

### PU-foam gun

QUALITY ★★★

Metallic casing with plastic handle, suitable for all commercial polyurethane foam (PU-foam) cans, easy metering of the PU-foam when filling and sealing cavities and joints, metering of PU-foam amount by means of a setting screw on the handle, economical consumption when working, the spraying process ends immediately when the trigger is released.



Art.-No.	Length			Barcode
932590	200 mm			

## Tiling tools

### Tile cutting machine

PROFESSIONAL ★★★★★



420mm, with adjustable angle fence, with breaking head, cutting length max. 420mm straight and tiles up to 32 x 32cm diagonal, cutting depth max. 10mm, sturdy and torsion resistant aluminium profile base plate, guide rail with angle fence for repetitive and diagonal cuts, free-sliding break-off head, non-slip rubber overlay

Art.-No.	Length			Barcode
178900	420 mm		1	4 009311 789006



### TC spare cutting wheel

PROFESSIONAL ★★★★★



Tungsten carbide, ground, for tile machine part no. 178900

Art.-No.	Ø mm	for			Barcode
178720	22 mm	Part no. 178900		2	4 009311 787200



### Tile cutter and crusher 200 mm

PROFESSIONAL ★★★★★



Tungsten carbide cutting wheel Ø 14 mm, handle with slip guard, for scoring and breaking wall and floor tiles, mosaic- and glass mosaic tiles.

Art.-No.	Length			Barcode
177310	200 mm		2	4 009311 773104

### Scriber with HM scriber tip

HIGH QUALITY ★★★★★



Tungsten carbide point, all-metal construction, with pocket clip, for scribing and marking for drilling or cutting of various materials such as wood, plastic, metal

Art.-No.	Length			Barcode
170500	140 mm		2	4 009311 705006

## Tiling tools

### Tile nibbling pliers

HIGH QUALITY ★★★★★

Parrot shape, ground all round, for enlarging pre-drilled holes in tiles, and for shaping tile edges

Art.-No.	Length			Barcode
178400	190 mm		2	



### Tile hammer, flat

PROFESSIONAL ★★★★★

Tungsten carbide tipped, ideal for positioning and removing tiles, for shaping edges and knocking out damaged tiles

Art.-No.	Weight			Barcode
177500	75 g		2	





HM

### Tile hammer, pointed

PROFESSIONAL ★★★★★

Tungsten carbide tipped, tiles can easily be broken along a pre-scored line and reduced to the correct size, ideal for knocking out damaged tiles

Art.-No.	Weight			Barcode
177510	75 g		2	



HM

### Tile file

PROFESSIONAL ★★★★★

Tungsten carbide gritted, flat, coarse/fine, for working on tile edges and cut-outs, removal of ridges, smoothing of rough cut or broken edges

Art.-No.	Length			Barcode
499521	200 mm		1	



HM

## Tiling tools

### Tile spacers

HIGH QUALITY ★★★★★



Plastic, white, to be placed in tile joints while installing wall, ceiling or floor tiles, ensures even joint width



Art.-No.	Content	Length	mm			Barcode
179120	250	18 mm	2.0 mm		4	4 009311 791207
179125	250	18 mm	2.5 mm		4	4 009311 791252
179130	250	18 mm	3 mm		4	4 009311 791306
179140	250	28 mm	4 mm		2	4 009311 791405
179150	200	28 mm	5 mm		4	4 009311 791504
179180	200	28 mm	8 mm		4	4 009311 791801

### Tile wedges

HIGH QUALITY ★★★★★



for ensuring exact and uniform tile spacing



Art.-No.	Content	Dimensions			Barcode
179213	250	5,5 x 6,3 mm		2	4 009311 792136

### Tile corners with rubber cord

PROFESSIONAL ★★★★★



Made of plastic, 1.80 m rubber cord, easy to tension, for maintaining the joint alignment of the tiles, slabs or mosaic to be laid. The tiler corners are attached to the first and last tile or slab, the tiles or slabs are aligned on the tensioned rubber cord.



Art.-No.	Length			Barcode
177601	1,80 - 1,90 m		4	4 009311 776013

### Rubber cord for tiling corners

PROFESSIONAL ★★★★★

Elastic rubber cord, grey, for laying tiles, slabs, mosaic, correctly tensioned



Art.-No.	Length	Colour			Barcode
177720	20 m	Grey		4	4 009311 777201









## Tiling tools

### Tiling squeegee

PROFESSIONAL ★★★★★

Rubber blade, heavy duty with wooden handle, for spreading grout into tile joints and removal of excess tile adhesive





Art.-No.	Width			Barcode
032620	200 x 55 mm		4	
032630	300 x 55 mm		4	



### All-purpose and tiling sponge

HIGH QUALITY ★★★★★

Large pores, yellow, polyester, highly absorbent, for thorough cleaning of excess grout or adhesive from tiles



Art.-No.	Length x width x height			Barcode
177900	165 x 110 x 60 mm		4	
177920	200 x 120 x 60 mm		4	



### Tiling sponge

PROFESSIONAL ★★★★★

Large pores, orange, natural foam rubber, highly absorbent, for thorough cleaning of excess grout or adhesive from tiles





Art.-No.	Length x width x height			Barcode
178015	150 x 100 x 50 mm		2	



### Tiling washboy sets

PROFESSIONAL ★★★★★

Useful washboy sets for tiles, suitable for washing down tiles after grouting, plastering or building jobs, mangle with squeezing rollers

Art.-No.	Content			Barcode
178310	10 Litre black bucket with mangle 1 Black rubber-faced plastic float, 140 x 280 x 8 mm 1 Absorbent sponge float, 140 x 280 x 30 mm		1	
178324	24 Litre black bucket with twin roller mangle 1 Black rubber-faced plastic float, 140 x 280 x 8 mm 1 Absorbent sponge float, 140 x 280 x 30 mm		1	






## Tiling tools

### Tiling squeegee

PROFESSIONAL ★★★★★

Tile squeegee, with double 20mm rubber blades, zinc plated metal frame and handle socket, for easy tile cleaning and for applying grout to tile joints, or for water removal



Art.-No.	Width			Barcode
934960	550 mm		2	 4 009319 349608




### Grout rakes

PROFESSIONAL ★★★★★



Tungsten carbide gritted replaceable blade, for cleaning or raking out old or defective tile joints, supplied with spare blade

Art.-No.	Length	Blade length			Barcode
030100	145 mm	27 mm		2	 4 009310 301001
030300	215 mm	50 mm		2	 4 009310 303005







HM

### Blades for grout rakes

PROFESSIONAL ★★★★★

Spare blades for grout rake



Art.-No.	Content	for	Blade length			Barcode
030110	3	Part no. 030100	27 mm		2	 4 009310 301100
030310	3	Part no. 030300	50 mm		2	 4 009310 303104




HM

## Accessories for bricklayers and tilers

### Plumb bob with line

PROFESSIONAL ★★★★★

Solid steel with brass head screw, exact testing of vertical alignment for wallpapering, building and panelling

Art.-No.	Weight	Cord length			Barcode
177850	300 g	20 m		2	4 009311 778505



### Plumb bob

PROFESSIONAL ★★★★★

Brass, ground, exact testing of vertical alignment for wallpapering, building and panelling jobs



Art.-No.	Weight			Barcode
177810	75 g		2	4 009311 778109



### PROFI chalk line kit

PROFESSIONAL ★★★★★

Die-cast zinc housing, with centre point, with winding handle, 30 metre line, felt buffers, supplied without chalk, for coloured marking during brick- and floor laying, partitioning etc., also for use as plumb line and gradient measure





Art.-No.	Cord length			Barcode
925300	30 m		1	4 009319 253004



### Chalk for chalk lines

PROFESSIONAL ★★★★★

For use with chalk line, part no. 925300

Art.-No.	Content	Colour			Barcode
925310	100 g	red		2	4 009319 253103
925320	100 g	Blue		2	4 009319 253202



## Accessories for bricklayers and tilers

### Plaster cup

PROFESSIONAL ★★★★★



Flexible, conical shape, for mixing small quantities of plaster or filler

Art.-No.	Ø mm			Barcode
179400	120 mm		5	



### Plaster cup, size 5

PROFESSIONAL ★★★★★



Flexible, cylindrical shape, for mixing small quantities of plaster or filler

Art.-No.	Ø mm			Barcode
180705	155 mm		2	



## Bricklaying tools

### Mason's line, white

PROFESSIONAL ★★★★★

Nylon mason's line, braided 1.7 mm Ø, extra strong, for horizontal and vertical alignment of bricks and blocks

Art.-No.	Ø mm	Length	Colour			Barcode
922105	1,7 mm	50 m	white		2	4 009319 221058
922110	1,7 mm	100 m	white		2	4 009319 221102
922125	2 mm	50 m	white		2	4 009319 221256
922130	2 mm	100 m	white		2	4 009319 221300



### Mason's line, green

PROFESSIONAL ★★★★★

Nylon mason's line, braided 1.2 mm Ø, for horizontal and vertical alignment of bricks and blocks

Art.-No.	Ø mm	Length	Colour			Barcode
925105	1,2 mm	50 m	Green		3	4 009319 251055
925110	1,2 mm	100 m	Green		3	4 009319 251109



### Mason's line, red

PROFESSIONAL ★★★★★

Nylon mason's line, braided 1.2 mm Ø, for horizontal and vertical alignment of bricks and blocks

Art.-No.	Ø mm	Length	Colour			Barcode
925125	1,2 mm	50 m	red		3	4 009319 251253
925120	1,2 mm	100 m	red		3	4 009319 251208



### Hemp cord 50 m

HIGH QUALITY ★★★★★

Flax cord, natural, medium strength, braided, for packing, tying and binding in household, workshop and garden.

Art.-No.	Content			Barcode
179305	50 m		2	4 009311 793058



## Bricklaying tools

### Plasterer's pins

PROFESSIONAL ★★★★★



Hardened, for universal use on frameworks, plastering profiles, or for installing window- and door frames

Art.-No.	Shape			Barcode
179500	square		2	
179520	round		2	



### Board lifter

PROFESSIONAL ★★★★★



heavy duty, with plastic handle, for transporting, laying and replacing paving slabs, tiles and other stones, gripping range from 300 to 500 mm easily adjustable, load capacity up to 30 kg weight plate

Art.-No.	for arbors			Barcode
179600	300 - 500 mm		1	



### Floor scraper without handle

PROFESSIONAL ★★★★★



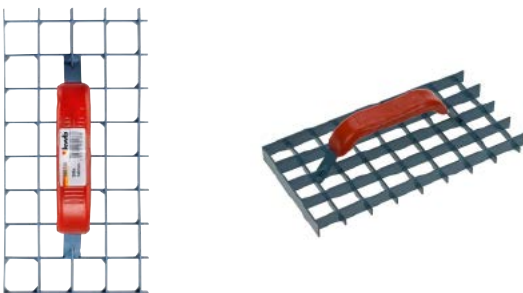
Hardened steel plate, handle socket 35mm, for removal, deburring and cleaning of form-work residue from floor and ceilings, also for use in de-icing paths etc.

Art.-No.	Length			Barcode
180030	300 mm		1	



### Lattice plane with ergonomic grip

PROFESSIONAL ★★★★★



Sheet steel, plastic coated handle, all grid elements spot welded, lattice size 30 x 30mm, one side open one side closed, for removing excess render

Art.-No.	Dimensions			Barcode
180138	285 x 145 mm		1	



## Bricklaying tools

### Aluminium plane

PROFESSIONAL ★★★★★

Light alloy with 8 hardened steel blades, for many uses finishing or levelling plaster and render, and removing any excess material

Art.-No.	Dimensions			Barcode
180150	450 x 85 mm		1	4 009311 801500



### Render scratching float

PROFESSIONAL ★★★★★

Wooden base with steel points, with hand strap, for universal roughing of interior and exterior plaster and render

Art.-No.	Dimensions			Barcode
180318	180 x 90 mm		2	4 009311 803184

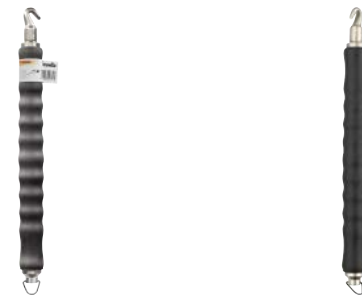


### Wire twisting tool

PROFESSIONAL ★★★★★

With hooks, makes bundling, binding and twisting wires for sacks, brick ties, reinforcement ties easy, for twisting eyelet wires, securing brick ties, reinforcement ties, flower bunches and vegetable sacks

Art.-No.	Length			Barcode
989965	310 mm		1	4 009319 899653



### Wire ties, multi-purpose

PROFESSIONAL ★★★★★

Steel wire, annealed, for use with 989965

Art.-No.	Content	Length			Barcode
989966	1000	120 mm		3	4 009319 899660



## Trowels, spatulas and drywall accessories

### Plastering trowel

PROFESSIONAL ★★★★★



Stainless steel, narrow, lacquered wooden handle, for all masonry and plasterwork jobs

Art.-No.	Trowel length x width			Barcode
934516	160 x 60/85 mm		1	4 009319 345167



### Bucket trowel

PROFESSIONAL ★★★★★



Stainless steel, 2-component handle, for plastering and applying mortar etc. to walls and other surfaces

Art.-No.	Trowel length x width			Barcode
924074	140 x 60/85 mm		1	4 009319 240745
924076	160 x 60/85 mm		1	4 009319 240769



### Bucket trowel

PROFESSIONAL ★★★★★



Stainless steel, lacquered wooden handle, for plastering walls and other surfaces, for applying mortar

Art.-No.	Trowel length x width			Barcode
924024	140 x 60/85 mm		1	4 009319 240240



### Bucket trowel, swan neck

PROFESSIONAL ★★★★★



Stainless steel, square ended with swan neck lacquered wooden handle, for plastering and bricklaying/ blockwork, spreading and smoothing plaster.

Art.-No.	Trowel length x width			Barcode
924266	160 x 85/115 mm		1	4 009319 242664
924268	180 x 95/125 mm		1	4 009319 242688



## Trowels, spatulas and drywall accessories

### Bucket trowel, swan neck

PROFESSIONAL ★★★★★

Stainless steel, square ended with swan neck lacquered wooden handle, for plastering and bricklaying/ blockwork, spreading and smoothing plaster, the swan neck handle gives the perfect centre of gravity for quick and controlled application of mortar/plaster

Art.-No.	Trowel length x width			Barcode
924226	160 x 85/115 mm		1	
924228	180 x 95/125 mm		1	



### Berlin pattern brick trowel

PROFESSIONAL ★★★★★

Hardened steel, with swan neck handle, flexible, polished face, conical ground, lacquered wooden handle, for applying mortar, for tile adhesive, screed, concrete, render, gypsum, plaster base

Art.-No.	Trowel length x width			Barcode
924122	220 x 200 mm		1	



### Arnhem pattern brick trowel, for right-handers

PROFESSIONAL ★★★★★

Hardened steel, lacquered wooden handle, for applying mortar, building and plastering

Art.-No.	Trowel length x width			Barcode
923618	180 x 145 mm		1	



### Tuck pointers

PROFESSIONAL ★★★★★

Hardened steel, long, lacquered wooden handle, for brickwork and blockwork jointing

Art.-No.	Trowel length x width			Barcode
925006	180 x 6 mm		1	
925016	180 x 8 mm		1	
925020	180 x 10 mm		1	
925022	180 x 12 mm		1	





## Trowels, spatulas and drywall accessories

### Pointing trowel, round end

PROFESSIONAL ★★★★★



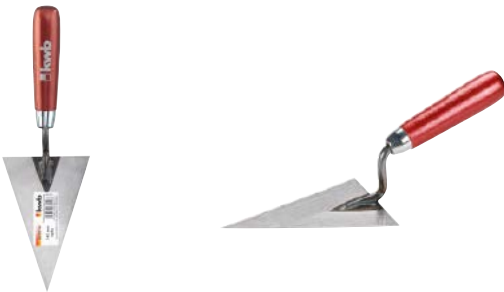
Hardened steel, lacquered wooden handle, Dutch pattern, round point, for laying and smoothing of mortar

Art.-No.	Weight	Trowel length x width			Barcode
923014	140	140 x 103 mm		1	 4 009319 230142



### Pointing trowel, pointed

PROFESSIONAL ★★★★★



Hardened steel, lacquered wooden handle, Dutch pattern, sharp point, for laying and smoothing of mortar

Art.-No.	Trowel length x width			Barcode
923514	140 x 95 mm		1	 4 009319 235147



### Pointing trowel, Hamburg pattern

PROFESSIONAL ★★★★★



Stainless steel, 2-component handle, for masonry and brickwork in less accessible areas, for finishing on masonry or plaster, or on ornamental plaster mouldings

Art.-No.	Trowel length x width			Barcode
925564	140 x 80 mm		1	 4 009319 255640



### Pointing trowel, Hamburg pattern

PROFESSIONAL ★★★★★



Stainless steel, swan-neck lacquered wooden handle, for masonry and brickwork in difficult to access areas, on plaster surfaces in corners or ornamental plaster mouldings

Art.-No.	Trowel length x width			Barcode
925514	140 x 80 mm		1	 4 009319 255145



## Trowels, spatulas and drywall accessories

### Tongue gauging trowel

PROFESSIONAL ★★★★★

Stainless steel, 2-component handle, for all finishing and plastering jobs during plumbing and electrical work, eg covering concealed cable- and pipework with plaster or filler, or in less accessible areas, finishing off after installation of conduit, switches or sockets




Art.-No.	Trowel length x width			Barcode
934366	160 x 45 mm		1	 4 009319 343666



### Tongue gauging trowel

PROFESSIONAL ★★★★★

Stainless steel, lacquered wooden handle, for all finishing and plastering jobs during plumbing and electrical work, eg covering concealed cable- and pipework with plaster or filler, or in less accessible areas, finishing off after installation of conduit, switches or sockets

Art.-No.	Weight	Trowel length x width			Barcode
934316	120	160 x 45 mm		1	 4 009319 343163



### Gauging trowel

PROFESSIONAL ★★★★★

Stainless steel, 2-component handle, for applying mortar or plaster in narrow or difficult to access areas, and for small patching jobs

Art.-No.	Trowel length x width			Barcode
925864	140 x 52 mm		1	 4 009319 258641



### Gauging trowel

PROFESSIONAL ★★★★★

Stainless steel, lacquered wooden handle, for applying mortar or plaster in narrow or difficult to access areas, and for small patching jobs

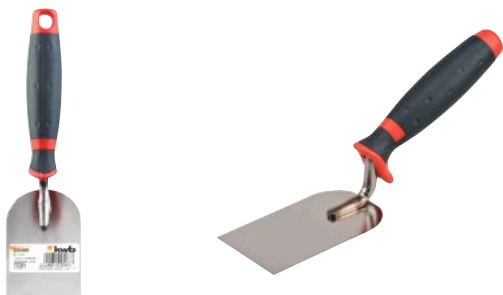
Art.-No.	Trowel length x width			Barcode
925814	140 x 52 mm		1	 4 009319 258146



## Trowels, spatulas and drywall accessories

### Plastering spatula trowel

PROFESSIONAL ★★★★★



Stainless steel, 2-component handle, for fine finishing work on plaster, mortar and gypsum



Art.-No.	Weight	Trowel length x width			Barcode
925466	75 g	100 x 60 mm		1	4 009319 254667
925468		110 x 80 mm		1	4 009319 254681
925470		160 x 100 mm		1	4 009319 254704

### Plastering spatula trowel

PROFESSIONAL ★★★★★



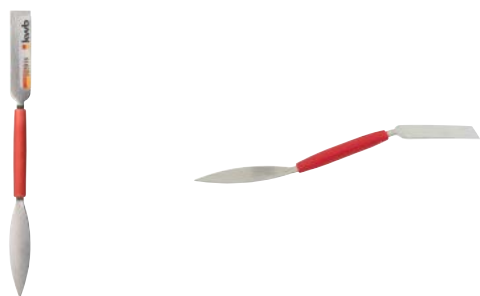
Stainless steel, lacquered wooden handle, for intricate finishing jobs on all types of mortar and plaster



Art.-No.	Trowel length x width			Barcode
925406	100 x 60 mm		1	4 009319 254063
925408	110 x 80 mm		1	4 009319 254087
925416	160 x 100 mm		1	4 009319 254162

### Small tool

PROFESSIONAL ★★★★★



Hardened steel, flexible, leaf and square shape, plastic-coated centre grip, for small patching jobs in plaster or ornamental mouldings, for intricate and decorative shapes



Art.-No.	Weight	Scraper width			Barcode
925910		10 mm		1	4 009319 259105
925916		16 mm		1	4 009319 259167
925920	30	20 mm		1	4 009319 259204

### Internal corner trowel

PROFESSIONAL ★★★★★



Stainless steel, lacquered wooden handle, for plastering wall and ceiling corners





Art.-No.	Trowel length x width			Barcode
919608	80 x 60 mm		1	4 009319 196080

## Trowels, spatulas and drywall accessories

### External corner trowel

PROFESSIONAL ★★★★★

Stainless steel, lacquered wooden handle, for plastering external corners of walls, beams or columns; or stair edges


Art.-No.	Weight	Trowel length x width			Barcode
934208	150	80 x 60 mm		1	4 009319 342084



### Adhesive dispensing trowel

PROFESSIONAL ★★★★★

Zinc plated sheet steel, plastic handle, for working on masonry, aerated concrete, breezeblocks and sandstone, for dispensing the correct quantity of adhesive for the masonry being worked

Art.-No.	Width			Barcode
033210	100 mm		2	4 009310 332104
033211	115 mm		2	4 009310 332111
033215	150 mm		2	4 009310 332159
033217	175 mm		2	4 009310 332173
033224	240 mm		2	4 009310 332241



### Tiling trowel, Belgian pattern

PROFESSIONAL ★★★★★

Hardened steel, heart-shaped, swan neck lacquered wooden handle, for applying mortar and tile adhesive

Art.-No.	Trowel length x width			Barcode
919716	160 x 120 mm		1	4 009319 197162



### Smoothing trowel

PROFESSIONAL ★★★★★

Stainless steel, smooth, 2-component handle, for flattening and smoothing fillers, mortar and adhesives, for building work or tile-laying

Art.-No.	Trowel length x width			Barcode
924658	280 x 130 mm		1	4 009319 246587



## Trowels, spatulas and drywall accessories

### Smoothing trowel

PROFESSIONAL ★★★★★



Stainless steel, smooth, lacquered wooden handle, for flattening and smoothing fillers, mortar and adhesives, for building work or tile-laying

Art.-No.	Trowel length x width			Barcode
924638	280 x 130 mm		1	4 009319 246389



### Smoothing trowel

PROFESSIONAL ★★★★★



Hardened steel, smooth, lacquered wooden handle, for applying mortar and tile adhesive

Art.-No.	Trowel length x width			Barcode
923728	280 x 130 mm		1	4 009319 237288



### Smoothing trowel, plastic

PROFESSIONAL ★★★★★



Plastic, for application of e.g. Grout, mortar, tile adhesive, sealant, plaster for smoothing out irregularities and hollows on walls and floors

Art.-No.	Weight	Trowel length x width			Barcode
924538	250	280 x 140 mm		1	4 009319 245382



### Adhesive trowel, toothed 2 sides

PROFESSIONAL ★★★★★



Stainless steel, lacquered wooden handle, for applying and smoothing plaster or filler on walls or floors, filling hollows, joints and holes, or for similar jobs with tile adhesive

Art.-No.	Trowel length x width	Tooth spacing			Barcode
924428	280 x 130 mm	4 mm		1	4 009319 244286
924438	280 x 130 mm	6 mm		1	4 009319 244385
924448	280 x 130 mm	8 mm		1	4 009319 244484
924458	280 x 130 mm	10 mm		1	4 009319 244583
924468	280 x 130 mm	12 mm		1	4 009319 244682









## Trowels, spatulas and drywall accessories

### Adhesive trowel, toothed all round

PROFESSIONAL ★★★★★

Hardened steel, lacquered wooden handle, for uniform application of tile and carpet adhesive

Art.-No.	Trowel length x width	Tooth spacing			Barcode
923818	280 x 130 mm	4 mm		1	
923828	280 x 130 mm	6 mm		1	



### Papillon smoothing trowel, serrated on 2 sides

PROFESSIONAL ★★★★★

Stainless steel, lacquered wooden handle, special Papillon toothing, with bevelled outside edge, creates a mortar, filler or adhesive bed with a height of 5 mm without air pockets, without scratching and getting jammed, especially for deep-bed laying of tiles or slabs outdoor

Art.-No.	Trowel length x width			Barcode
924488	280 x 130 mm		1	



### Swiss smoothing trowel

PROFESSIONAL ★★★★★

Stainless steel, smooth, lacquered wooden handle, suitable for extensive application and smoothing fillers, mortar and adhesives, in particular for masonry works and plastering with different plaster

Art.-No.	Trowel length x width			Barcode
919450	500 x 130 mm		1	



### Flooring trowel

PROFESSIONAL ★★★★★

Hardened steel, narrow shape, lacquered wooden handle, light alloy brace, blade manual-finished, for spreading mortar, plaster and screed over large surfaces, especially floors

Art.-No.	Trowel length x width			Barcode
919850	500 x 115 mm		1	



## Grating boards and straightening laths

### Finishing float

PROFESSIONAL ★★★★★

Plastic, for finishing and patching of small areas of plaster, for areas not accessible using normal size trowels



Art.-No.	Dimensions			Barcode
925626	260 x 80 mm		1	4 009319 256265



### Skimming spatulas

PROFESSIONAL ★★★★★

Plastic, for use with either hand on large surfaces for applying or smoothing plaster



Art.-No.	Dimensions	$\nabla$ mm			Barcode
922808	800 x 120 mm	20 mm		1	4 009319 228088
922812	1200 x 120 mm	20 mm		2	4 009319 228125



### H-profile skimming spatulas

PROFESSIONAL ★★★★★

Aluminium, H-section, for smoothing plaster over difficult substrates such as concrete, filling irregularities to give a good final surface



Art.-No.	Length			Barcode
062112	120 cm		2	4 009310 621123
062115	150 cm		2	4 009310 621154
062120	200 cm		2	4 009310 621208



### Feather edge

PROFESSIONAL ★★★★★

Aluminium, feather edge section with centre bevel, for smoothing plaster over difficult substrates such as concrete, filling irregularities to give a good final surface



Art.-No.	Length			Barcode
062312	120 cm		2	4 009310 623127
062315	150 cm		2	4 009310 623158




## Grating boards and straightening laths

### Feather edge

PROFESSIONAL ★★★★★

Aluminium, plastic end caps, pointed profile






Art.-No.	Length			Barcode
062320	200 cm		2	



### Float

PROFESSIONAL ★★★★★

Plastic, for smoothing and removal of freshly applied plaster or render, for good adhesion and even surfaces





Art.-No.	Dimensions			Barcode
924938	280 x 140 mm		1	
924948	320 x 180 mm		1	
924958	360 x 200 mm		2	



### Float, plywood

PROFESSIONAL ★★★★★

Plywood, for smoothing and levelling freshly applied plaster or screed, lime-resistant, for levelling and smoothing lime plaster and cement, gives uniform surfaces with low wear and high strength


Art.-No.	Dimensions			Barcode
924838	280 x 140 mm		1	
924840	400 x 150 mm		1	

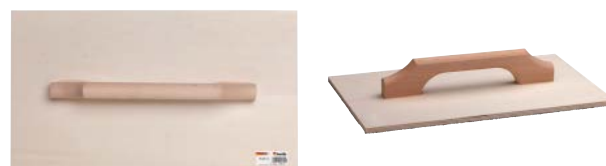


### Blockwork sanding float

PROFESSIONAL ★★★★★

Plywood, with handle, 16 grit, for removing surface irregularities on lightweight building materials, for aerated concrete blocks, Styropor, Styrodur

Art.-No.	Dimensions			Barcode
924850	480 x 240 mm		1	





## Grating boards and straightening laths

### Spare facing for blockwork sander

PROFESSIONAL ★★★★★

For part no. 924850, 16 grit, for levelling uneven surfaces on building blocks, for aerated concrete, Styropor/Styrodur insulation



Art.-No.	Dimensions			Barcode
924852	480 x 240 mm		1	4 009319 248529



### Float with rubber sponge facing

PROFESSIONAL ★★★★★

Plastic, with 9mm sponge rubber facing, orange, for making an extra-smooth plaster surface



Art.-No.	Dimensions			Barcode
924728	280 x 140 mm		1	4 009319 247287



### Float with rubber sponge facing

PROFESSIONAL ★★★★★

Plastic, with 18mm sponge rubber facing, orange, for making an extra-smooth plaster surface



Art.-No.	Dimensions			Barcode
924788	280 x 140 mm		1	4 009319 247881



### Spare facing, foam rubber

PROFESSIONAL ★★★★★

For part no. 924728, 924788, orange, for making an extra-smooth plaster surface



Art.-No.	Dimensions			Barcode
924789	280 x 140 mm	mm	2	4 009319 247898



## Grating boards and straightening laths

### Float with absorbent sponge

PROFESSIONAL ★★★★★

Plastic, with 30mm absorbent sponge facing, for making an extra-smooth plaster surface, and for final cleaning after tile grouting

Art.-No.	Dimensions			Barcode
924738	280 x 140 mm		1	4 009319 247386



### Spare facing, absorbent sponge

PROFESSIONAL ★★★★★

For part no. 924738, for making an extra-smooth plaster surface and for final cleaning after tile grouting

Art.-No.	Dimensions			Barcode
924739	280 x 140 mm		2	4 009319 247393



### Float with sponge facing

PROFESSIONAL ★★★★★

Plastic, with 20mm sponge facing, for making an extra-smooth plaster surface

Art.-No.	Dimensions			Barcode
924748	280 x 140 mm		1	4 009319 247485



### Float with foam rubber facing

PROFESSIONAL ★★★★★

Plastic, with 10mm foam rubber facing, green, for making an extra-smooth plaster surface

Art.-No.	Dimensions			Barcode
924758	280 x 140 mm		1	4 009319 247584



## Grating boards and straightening laths

### Float with foam rubber facing

PROFESSIONAL ★★★★★



Plastic, with 10mm foam rubber facing, black, for making an extra-smooth plaster surface, and for contouring of plaster surfaces

Art.-No.	Dimensions			Barcode
924768	280 x 140 mm		1	4 0093 19 247683



### Float with felt facing

PROFESSIONAL ★★★★★



Plastic, with 10mm felt facing, black, for making an extra-smooth plaster surface

Art.-No.	Dimensions			Barcode
924778	280 x 140 mm		1	4 0093 19 247782



### Spare facing, felt

PROFESSIONAL ★★★★★



For part no. 924778, black, for making an extra-smooth plaster surface

Art.-No.	Dimensions			Barcode
924779	280 x 140 mm	10 mm	2	4 0093 19 247799



### Float with sponge facing

PROFESSIONAL ★★★★★



Plastic, with 40mm sponge facing, for making an extra-smooth plaster surface

Art.-No.	Dimensions			Barcode
924798	280 x 140 mm	40 mm	2	4 0093 19 247980



### Spare facing, sponge

PROFESSIONAL ★★★★★



For part no. 924747, 924798, white, for making an extra-smooth plaster surface

Art.-No.	Dimensions			Barcode
924799	280 x 140 mm	45 mm	2	4 0093 19 247997



# ADDITIONAL HAND TOOLS



# ADDITIONAL HAND TOOLS

## kwb has everything for the professional

- Our assortment of additional hand tools meets all the needs of daily doing



## Range overview additional hand tools



### Glass cutter

Tungsten carbide, with 6 cutting wheels, high cutting performance, for glass up to 8mm thick, for glass cutting.

Page 224



### Suction lifter, multi-purpose

For glass and other smooth surfaces, suction lifter with aluminium housing for transporting heavy, awkward objects, for example glass, doors, windows and sheets, lifting capacity max. 25kg.

Page 224



### Marker pen

broad, chisel point, for prominent marking, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal.

Page 225



### Marking crayons

weatherproof, high-visibility marking, to mark on dry and wet wood, paper, card, metal, stone, asphalt, tiles, plastic, unwrapped / without label.

Page 226

## kwb Tip

### The kwb Suction lifter

Ideal for the transport of heavy objects, glass doors or mirror  
120 mm Ø, up to 60 kg

#### Suction lifter, double

Art.-Nr. 179990 (on page 224 of catalogue)



### Carpenter's pencils

Unsharpened, oval, red, HB lead, ideal for handcraft, construction, household, and hobby; writes on various surfaces such as wood, concrete, brick, stone, plasterboard.

Page 226 – 227



### Drain cleaning coils

Spring steel, with winding handle, with claw and handgrip, for clearing blockages in toilets and drains.

Page 227 – 228



### Barrier tape

Red-white striped film barrier tape on a roll, width: 80 mm, length: 100 m

Page 228



### Pipe cutter

With 1 cutting wheel and 2 guide rollers, for copper, brass, light alloy, hard plastic and thin-walled steel tubes, with scraper for deburring the inside of the cut tube.

Page 228

## Additional hand tools

### Glass cutter

PROFESSIONAL ★★★★★



Tungsten carbide, with 6 cutting wheels, high cutting performance, for glass up to 8mm thick, for glass cutting

Art.-No.	Content	Height			Barcode
177100	with 6 cutting wheels	22		2	4 009311 771001

HM

### Suction lifter, multi-purpose

PROFESSIONAL ★★★★★



For glass and other smooth surfaces, suction lifter with aluminium housing for transporting heavy, awkward objects, for example glass, doors, windows and sheets, lifting capacity max. 25kg

Art.-No.	max. Kg			Barcode
179800	25		1	4 009311 798008

### Suction lifter, single

QUALITY ★★★



Ideal for the transport of heavy objects like windows, glass doors or mirror, 115 mm Ø, to 30 kg

Art.-No.	max. Kg			Barcode
179890	30		6	4 009311 798909

### Suction lifter, double

QUALITY ★★★



Ideal for the transport of heavy objects, glass doors or mirror 120 mm Ø, up to 60 kg







Art.-No.	max. Kg			Barcode
179990	60		6	4 009311 799906

## Additional hand tools

### Marker pen, narrow

HIGH QUALITY ★★★★★

Fine, pointed tip, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal







Art.-No.	Content	Colour			Barcode
376800	12	Black		12	
377110	3	Black		6	



### Marker pen, narrow

HIGH QUALITY ★★★★★

Fine, pointed tip, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal


Art.-No.	Content	Colour			Barcode
376900	12	Red		12	
377120	3	Red		6	



### Marker pen, narrow

HIGH QUALITY ★★★★★

Fine, pointed tip, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal

Art.-No.	Content	Colour			Barcode
377000	12	Blue		12	
377130	3	Blue		6	



### Marker pen set, fine, 3 pc.

HIGH QUALITY ★★★★★

Fine, pointed tip, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal





Art.-No.	Content	Colour			Barcode
377103	3	assorted schwarz / red / blue		6	



### Marker pen, broad

HIGH QUALITY ★★★★★

broad, chisel point, for prominent marking, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal.

Art.-No.	Content	Colour			Barcode
377410	2	Black		2	





## Additional hand tools

### Marking crayons

HIGH QUALITY ★★★★★



weatherproof, high-visibility marking, to mark on dry and wet wood, paper, card, metal, stone, asphalt, tiles, plastic, unwrapped / without label

Art.-No.	Content	Colour			Barcode
377210	2	Yellow		6	
377220	2	Red		6	
377230	2	Blue		6	

### Marking crayon holder

PROFESSIONAL ★★★★★



With clip, with press-button, for crayons Ø 10-12 mm

Art.-No.	Height			Barcode
377280	20		2	

### Craies pour tableaux

PROMO



White, especially good colour output, dust and grit free, especially breakage resistant and easy to wipe off

Art.-No.	Content	Length			Barcode
377310	10	80 mm		2	



### Carpenter's pencils, 3 pc.

QUALITY ★★★



Unsharpened, oval, red, 180 mm long, HB lead, ideal for handcraft, construction, household, and hobby; writes on various surfaces such as wood, concrete, brick, stone, plasterboard.

Art.-No.	Content			Barcode
939390	3 pc. 180 mm		12	

## Additional hand tools

### Carpenter's pencils, 12 pc.

QUALITY ★★☆☆

Unsharpened, oval, red, 250 mm long, HB lead, ideal for handcraft, construction, household, and hobby; writes on various surfaces such as wood, concrete, brick, stone, plasterboard.




Art.-No.	Content			Barcode
939395	12 pc., 250 mm		6	4 009319 393953



### Carpenter's pencils with sharpener, 4 pc.

QUALITY ★★☆☆

unsharpened, angular, red, 180 mm long, HB lead, with sharpener for angular and oval carpenter pencils, with integrated sharpening stone for fine sharpening, ideal for handcraft, construction site, household and hobby, writes on many surfaces such as wood, concrete, brick, stone, plasterboard.

Art.-No.	Content			Barcode
939290	3 pieces 180 mm, 1 sharpener		10	4 009319 392901



### Draw tape

PROFESSIONAL ★★★★★

PVC, 15 m, 120 mm locating spring, eyeletted end, aid for passing cables through voids


Art.-No.	Length			Barcode
955815	15 m		2	4 009319 558154



### Household drain cleaning coil

PROFESSIONAL ★★★★★

Spring steel, with winding handle, grip sleeve, for use on blockages in kitchen, bathroom and toilet eg for sink traps, WC bends, washing machine outflows etc.

Art.-No.	Length			Barcode
956021	1500 mm		2	4 009319 560218



## Additional hand tools

### Drain cleaning coils

PROFESSIONAL ★★★★★



Spring steel, with winding handle, with claw and handgrip, for clearing blockages in toilets and drains

Art.-No.	Length			Barcode
956023	3000 mm		2	4 009319 560232
956025	5000 mm		2	4 009319 560256
956030	10000 mm		1	4 009319 560300



### Barrier tape

PROMO



Red and white striped foil barrier tape on roll

Art.-No.	Content			Barcode
951810	80 mm x 100 m		4	4 009319 518103
951855	80 mm x 500 m		1	4 009319 518554

### Insulating tape VDE 10mx15mm

PROFESSIONAL ★★★★★



Colour black, PVC adhesive tape based on a rubber adhesive coating, for masking, bundling, repairing, marking, reinforcing, fixing etc.

Art.-No.	Dimensions			Barcode
958100	10 mm x 15 mm		20	4 009319 581008

### Pipe cutter

PROFESSIONAL ★★★★★



With 1 cutting wheel and 2 guide rollers, for copper, brass, light alloy, hard plastic and thin-walled steel tubes, with scraper for deburring the inside of the cut tube

Art.-No.	Pipe diameter	Height			Barcode
950416	3 - 16 mm	26		1	4 009319 504168






## Additional hand tools

### Pipe cutter with scraper

PROFESSIONAL ★★★★★

With 1 cutting wheel and 2 guide rollers, for copper, brass, light alloy, hard plastic and thin-walled steel tubes, with scraper in the handle for deburring the inside of the cut tube

Art.-No.	Pipe diameter	Height			Barcode
950430	3 - 35 mit Entgrater	38		2	4 009319 504304



### Telescopic quick support, low

PROFESSIONAL ★★★★★

continuously adjustable from 50-120 cm, rubber coated feet, swivel feet allows use on uneven surface, max load vertical 30 kg, at 65° 10 kg, for supporting ceiling boards, door frame construction and other building jobs


Art.-No.	Height			Barcode
980705	63		1	4 009319 807054



### Telescopic quick support, high

PROFESSIONAL ★★★★★

continuously adjustable from 115 - 290 cm, rubber coated feet, swivel feet allows use on uneven surface, max load vertical 30 kg, at 65° 10 kg, for supporting ceiling boards and frameworks under construction




Art.-No.	Height			Barcode
980712	64		1	4 009319 807122



### Sharpening stone

HIGH QUALITY ★★★★★

Sharpening stone, ceramic grindstone, coarse and fine, aluminium oxide, for grinding and sharpening of tools, for example wood chisels and lathe tools.

Art.-No.	Dimensions			Barcode
455000	150 x 50 x 25 mm		1	4 009314 550009



# Index

## A

Abrasive grid	186
Abrasives	185
Accessories	169
Adaptor	86
Adhesive spreading trowel	213
Adjustable tap wrench	91
All-purpose and tile sponge	201
Aluminium spirit level	175
Alu Rabot	207
Angle	170 – 171
Angle / Angle bevel / Angle bisector	171 – 172
Angle socket wrench	66
Angle transmission	171
Arnhem brick trowel	209
Auto Light Tester	82
Automatic wire stripper	40
Awl / Awl round	70
Axe handle	134
Axes	133 – 136

## B

Ball joint vice	105
Barrier tape	228
Beechwood wedges	160
Berlin trowel	209
Bernese plastering trowel	208
Bevel	171 – 172
Bi-Metal_Saw bow	151
Binding wire	207
Blackboard chalk	226
Blade for scraper	194
Blades	49
Blades for grout cleaners	202
Blades for long scraper	50
Blade spatula	191
Blind Rivet Pliers / Blind Rivets	24
Bolt cutters	22
Bricklayer's tools	215
Bricklaying tools	207 – 210, 212 – 216
Building and wood moisture meter	179, 180
Button measure	168

## C

Cable connectors	26 – 27
Cable lug pliers	26
Cable lug pliers	26
Cable lugs	26 – 27
Cable shears	52
Caliper	168 – 169
Caliper gauge	168
Capsule tape measure	165
Carbide saw wire	153
Carbide tile saw	154
Carburetor screwdriver	69 – 70
Cardboard Knife	42
Carding brush	216
Carpenter angle	170
Carpenter pencils	226 – 227

Carpenter's angle	170
Carpenter's square	171
Carpet knife	37
Cartridge gun	196
Cartridge press	196 – 197
Cartridge press set	197
Cartridges replacement tips	197
Cat's tongue trowel	211
Chalk	226
Children craft scissors set	54
Children's baster scissors	54
Chisel	119 – 122, 124
Chisel grains set	119
Circle cutter	45
Clamping and Expanding Clamp	104
Clamping tools	101 – 106
Claw hammer	112 – 113
Claw wedge	118, 136
Cleaning shaft	227
Cock nut wrench	67
Combination pliers	12, 17 – 18
Construction foam gun	197
Continuous sheet metal shears	23
Cord spirit level	177
Corner pipe wrench	23
Craft and fabric scissors	53
Craft knife / Craft knife set	45
Craft knife pen with pencil function	45
Craft scissors	53 – 54
Cross-Laser	178
Cutter knife	32 – 35
Cutting drawer / Cutting drawer	149 – 150

## D

Decoupage saw	155
Die holder	91
Display	176
Door leaf filler	191, 193
Double plane	156
Double sided edge cutter	41

## E

Edge planes	158, 184
Edge pliers	21
Electrical installation set, 3 pcs.	82
Electrician chisel	121
Electrician's screwdriver	68
Electronic pliers set	20
End cutters	20
Extension	86
Eye irons	28
Eyelet pliers	28
Eyelets	27 – 28

## F

Fabric scissors	53
Facade filler	193
Feierabendhammer	118
Ferrules	25

Fiddling board	216	Hand saws	142 – 145, 147, 152
Files	126 – 129	Hand tap	90
Filler	191, 193	Hand tools	224
FIRE DEPT Rescue knife	42	Hand tools	206
Flachzange	12, 19	Hand wire brush	131 – 132
Flat butt file	126	Hatchet handle	133
Flat butt file rasp	128	Hatchets	133 – 136
Flat chisel	120 – 122	H-card brush	173, 216
Flat nose pliers	12, 19	Heavy duty end cutter	15
Floor layer's trowel	215	Heat shrink tubing	26
Folding hunting knife	44	Henkelli iron	122
Folding rule	166 – 167	Hexagon socket wrench	75
Folding ruler	166	Hexagon socket wrench set	75 – 76
Forceps	17	HM replacement cutting wheel	198
Fork-ring wrench	63	Hobby plane	157
Frame tape measure	165	Hole and eyelet pliers set	27
Fret saw blades	147	Hook blades	48
Fretsaw set	146	Hook wrench	82
Fretsaw table	146	Hose spirit level	177
Fretwork	146	Household pipe cleaning shaft	227
<b>G</b>		Household scissors	53
Garden knives	44	Household scraper	55
Garden Shears	56	Hunting knife	44
Gas concrete grinding board	217	Hunting knives	44
Gas concrete saw	148	<b>I</b>	
Glass cutter	224	Inside corner trowel	212
Glass scraper	55	Insulating tape	228
Glue guns	101 – 102	Insulation knife	40
Glue stirrer	188	<b>J</b>	
Glue tongs	101	Japan spatula set	192
Glue tongs, sheet steel	102	Jap Tooth Saw Blades	49
Grains	119 – 120	Joiner's angle	170
Grating board	217 – 220	Joint chisel	120
Grid cloth	186	Joint filler	194
Grid linen	186	Joint scraper	195
Grid Rabot	206	Junior saw	155
Grinding grid	186	<b>K</b>	
Grip pliers	22	Key file set	129
Grout	201	Kitchen cleaver	114, 133
Grout cleaners	202	Knee pads	188 – 189
Grout Scraper	195	Knife	33, 35, 185, 194
<b>H</b>		Knife file	127
Hacksaw	147, 154	Knife Set-Japanese Blade, Saw Blade Knife	34
Hacksaw blades	147	Knives	46 – 47, 50
Half round file	126	<b>L</b>	
Half round rasp	128	Laminate cutter	159
Hammer	110 – 118, 133, 135 – 136	Laser Measuring Tools	180
Hammer handle	111, 113, 117	Leisure knife	42 – 43
Hammer: Walling hammer	113	Leisure knife with bit holder	43
Hand countersink	130	Levelling boards	174, 217
Hand guard for chisel	122	Lifting hook	137
Handle	87, 111, 113, 117	Locksmith angle	170
Handles for hammers	115	Long handle window and floor scraper	55
Hand packing tongs	137	L-wrench / L-wrench set	66
Hand sander	185		
Hand sander set	185		
Handsaw	142, 155		

## M

Machinist's hammer	110
Magnetic screwdriver	83
Mallet	114, 116
Mallet Simplex	116
Markers	225
Masonry tools	138, 158, 184, 194, 203, 206 – 207 209, 217 – 220, 229
Mason's cord	205
Mason's hammer	113 – 114
Mason's tools	173, 205, 208 – 209, 211 – 212, 216
Measuring tapes	164
Measuring tools	178 – 179
Metal saw	151 – 152, 154 – 155
Metal saw blade	152 – 153
Metal saw bow	154
Metal scales	167
Mild steel mesh cutter	22
Mini Laser	180
Mini plane	156
Mini Safety Cardboard Knife	42
Mini spirit level	176
Mini spirit level aluminium	176
Mitre clamps	106
Mitre saw	149
Mixing of paints and varnishes	188
Mortar stirrer	187 – 188
Multifix 3-function pliers	28
Multifunction tool	44
Multipurpose Stainless Steel Garden Shears	56

## N

Nail bar	138
Nail Drill	130
Nail Iron	138
Nail Lifter	71
Nail lifters	138
Needle nose pliers	20

## O

Offset screwdriver set	84
Open-end wrench	62, 64, 67
Open-end wrench set	62, 64
Outdoor and garden knives	44
Outside corner trowel	213

## P

Paint and varnish mixer	187
Painter's spatula	190 – 191
Painter's spatula set	190
Paint for percussion cord devices	203
Paint stirrer	187
Paver's hammer	115
Pencils	226 – 227
Percussion cord devices	203
Percussion cord tool	203
Pin punch	119
Pin saw blade	155
Pin wrench	75 – 76

Pin wrench set	77
Pipe cleaning spirals	228
Pipe cutters	228 – 229
Pipe socket wrench	65
Pipe socket wrench set	65
Pipe tools	123, 227 – 229
Plane	156
Planer	156 – 158, 184
Planes	156
Plasterboard knife	185
Plaster cups	204
Plasterer's iron	212
Plasterer's putty	212
Plaster hooks	206
Plaster saw	145, 185
Plastic folding ruler	166
Plastic hammer	115
Plastic handle	82
Plastic rule	167
Plastic wedges	160
Plate lifters	206
Pliers	12 – 28
Plumb bob	203
Pocket bolt cutters	21
Pocket knife	43
Pointed chisel	120 – 121
Pointed trowel	210
Pole spirit level	177
Power end cutter	15
Power side cutter	15
Precious plaster scraper	207
PRECISA steel measuring tape	164
PRECISA tape measures	164
Precision caliper gauge	168
Precision machine vice	105
Precision mechanic pliers	19
Precision mechanic screwdriver	81
Precision screwdriver sets	79 – 80
Press stud pliers	28
Professional impact strip wood	159
Professional puller 450mm	159
Professional spirit level	175
PROFI nail bar	138
PROFI socket wrench bit inserts	88
PROFI thread cutting tool set	92
Protractor square	172
PU construction foam gun	197
Puller	67
Pulling and straightening laths	173
Punch through	119
Putty	192
Putty knife	191, 194
Putty set	192

## Q

QUICK Clamping and Expanding Clamp	104
Quick clamps	104

## R

Rabbit plane	156
Rabitz pliers	21
Radio/telephone pliers	13 – 14
Radio/telephone pliers, curved	14
Radio/telephone pliers, straight	13, 17
Rasp	128
Rasp plane	157 – 158, 184
Ratchet-angle screwdriver	83
Ratchet Ring Fork Wrench	64
Replacement blade for household scraper	50
Replacement blades	48 – 49
Replacement blades	48, 50, 158, 184
Replacement blades for craft knife pen	49
Replacement flooring	218 – 220
Replacement insulation blades	49
Replacement insulation snap off blades	46
Replacement Jap Tooth Saw Blades	49
Replacement saw blade for mitre saws	149
Replacement snap off blades	46 – 47
Replacement tips	197
Replacement trapezoid blades	48
Replacement trapezoid hook blades	48
Rescue knife	42
Retractable spiral	227
Reversible ratchet	87
Revolver punch pliers	28
Revolving punch pliers	28
Ring and hook screws	82
Ring spanner	61
Ring spanner set	61
Ring wedges	136
Ring wrench	64
Ring wrench:ratchet	64
Rivet plier set	25
Riving knife	135
Roofing hammer	111 – 112
Rotary splitting wedge	135
Round die	91
Round file	126
Round nose plier	13
Round nose pliers	19
Round rasp	128
Router	169
Rubber attachment for hammer	115
Rubber cord for tiling corners	200
Rubber mallet	116
Rubbing boards	218 – 220

## S

SAFETY-FIXX	178
Safety snap off blade knife	33
Sanding set	185
Saw	142, 145, 155, 185
Saw blade	152 – 153
Saw bow	151
Saw chain file	128
Saw file	127
Saw wire	153

Scales	167
Scalpel replacement blades for craft knife set	49
Scissors	51 – 54
Scissors set	53
Scraper	55, 194
Screw clamps	103
Screwdriver	68 – 74, 78 – 79 – 81, 83 – 84
Screwdriver set	71 – 72, 74, 79
Screw extractor	90
Screw punch	123
Scriber	198
Sea ring pliers set	21
Seitenschneider	14, 18, 20
Setting gauge	169
Sheet metal shears	23
Sheet metal shears	24
Shock scraper	206
Side cutter	17
Side cutters	18
Side cutters	14 – 15, 20
Signing chalk	226
Signing chalk holder	226
Silicone spatula	195
Single-cut tap	90
Siphon	224
Skeleton cartridge press	196
Slot chisel	121
Snap off blade knife	32 – 35
Snap off blade knife set	35
Snap off blades	46 – 47
Socket wrench	85 – 89
Socket wrench Bit Inserts	85 – 86, 89
Socket wrench inserts	85, 88 – 89
Socket wrench set	88
Soft faced hammer	116
Spade chisel	120
Spare blades	157
Spare knife set	50
Spark plug brush	132
Spark plug insert	89
Spatula	190 – 195, 212
Spirit level	175 – 177
Splitting axe	135
Splitting hammer	117, 135
Splitting wedge	136
Sponges	201
Square file	126
Steel measuring tapes	164
Steel tape measure	164 – 166
Stirrer	187 – 188
Stirring paddle	188
Straightening laths	173
Stripping knife	40
Suction lifters	224
Surface filler	191, 193

## T

Tape measure	164 – 166
Tapping tool	90



Telephone pliers	18 – 19
Telescopic assembly support	229
Temperature measuring device	179
Tensile iron	159
T-handle	78 – 79
T-handle screwdriver	78 – 79
THERMO-FIXX	179
Thread cutting tool	92
Thread cutting tool set	92
Threading tool	91
Tile crosses	200
Tile cutter	198
Tile cutting machine	198
Tile file	199
Tile hammer	199
Tile laying tools	198, 201 – 202
Tile punch pliers	199
Tile saw	154
Tile sponge	201
Tile washing set	201
Tile wedges	200
Tile wipers	202
Tiling tools	197 – 204, 224
Tiling trowel	213
Titanium universal work scissors	51 – 52
TITAN replacement snap off blades	46
Tongue trowel	211
Tool cases	94 – 98
Tool holder	91
Toothed spatula	192 – 193
Torpedo laser spirit level	180
Torque wrench	67
Trapezoidal blade knife	36 – 39
Trapezoid blade folding knife	39
Trapezoid blade knife	37, 39
Trapezoid blades	48
Trapezoid card brush	173, 216
Triangular file	127
Tripod for laser spirit levels	180
Trowel	208 – 215
Trowel set, 4 pcs.	195
Trowel with S-neck	208

## U

Universal joint	87
Universal plane	156
Universal saw	154
Universal saw handle	152
Universal stirrer	187
Universal work scissors	51 – 52
Utility knife	38

## V

















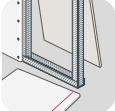
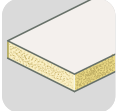


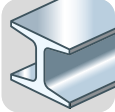






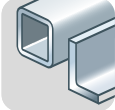






































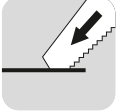





VDE	228
VDE Combination pliers	18
VDE Insulated screwdriver	73
VDE screwdriver	73
VDE side cutters	18
VDE telephone pliers	18

VDE wire stripper	18
Vise	105
Voltage tester	81 – 82

## W

Walling hammer, Rhenish form	113
Wallpaper scissors	52
Wallpaper scraper	55
Water pump pliers	16 – 17
Wedges	118, 135 – 136, 200
Whetstone	125, 229
Window scraper	55
Wire brush	131, 132
Wire Drill	207
Wire end ferrule pliers set	25
Wire stripper	15 – 16, 18, 40
Wire twister	207
Wooden folding rule	166
Wooden rule	167
Wooden wedges	136
WOODPECKER back saw	143
WOODPECKER branch saw	147
WOODPECKER carpenter's saw	144 – 145
WOODPECKER fine cutting	144
WOODPECKER hand saw	142
WOODPECKER jigsaw	143
WOODPECKER veneer saw	143
Wood saws	142 – 147, 149
Workshop screwdriver	68 – 69, 72
Wrench	61 – 67

# Overview of the kwb pictograms and logos

 Softwood	 Hardwood	 Plywood	 Thin wood	 Chipboard	 Firewood, damp	 Wallpaper	 Paper	 Plastic
 Gas concrete	 Sand-lime brick	 Stone/masonry	 Wall tile	 Floor tile	 Porcelain	 Glas	 Plasterboard	 Lightweight building materials
 Insulation wool	 Joint compound	 Steel	 Iron	 Cast iron	 Aluminium	 Non-ferrous metal	 Metal pipe	 Sheet metal
 Profiles	 Titanium coated	 Titanium nitrided	 Bronze	 Cable	 Wood paint stripping	 Metal paint stripping	 Leather	 Metal housing
 Autoback	 SHARP Extra sharp	 AUTOLOCK Autolock	 Blade magazine	 Blade change	 Integrated belt clip	 OPEN Open	 Break off blade	 serrated edge
 AUTOLOAD Autoload	 SAFETY Save	 WOOD Wood	 Zig-zag cut	 magnetic Magnetic	 Laser	 Stahl Steel Logo	 Made in Europe	 Made in Germany
 forged in Germany forged in Germany	 1/4" E 6.3 1/4" E6.3	 1/4" 1/4"	 CV CV	 HM HM	 HSS HSS			
 WP Woodpecker	 WP Fine cut	 WP Ninja	 WP flexible	 Profleclon® WP Profleclon	 WP Cutting drawer	 WP Push-pull cuts	 WP Push cuts	 WP Push cuts
 PH	 T	 SLOT	 PZ	 SOCKET SPANNER				

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