



HAND TOOLS

GENERAL CATALOGUE

The new kwb Hand Tools catalogue

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

For more than 80 years, kwb tools 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 tools GmbH stands for. It is our goal to purchase kwb items at the highest quality level from all over the world.

kwb tools 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 tools Managing Director Gerrit Brand, Alexander Uhl

Programme overview hand tools

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Catalogue summary

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Flat nose pliers

★★★★★



3



TÜV GS tested, pattern to DIN 5258, ISO 5745, with long jaws, CrV steel, matt satin finish, box joint, finely serrated gripping surfaces, 2-component grip for optimal power transfer and fatigue-free working, for holding nails and bending wire



9

4

Art.-No.	 mm			Barcode
381150	160 mm		2	

5

6

7

8

1 Product heading

2 Quality information

see description on page 5

3 Illustration

Packaging / options

4 Detailed product information

5 kwb part number

is also the stock number for the product

6 Technical data and user advice

7 Symbol = display packed goods

Eg carded, walleted 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)

Programme overview hand tools

kwb qualities

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, also suitable for long-term professional use.

5 year guarantee.



HIGH QUALITY



The high grade kwb quality, suitable for professional DIYers.






QUALITY












The everyday good quality from kwb, 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	
	Plier length
Saws	
	Toothing
Building and tiling tools	
	Thickness

Screwdrivers	
	Grip length T-grip screwdrivers
	Grip length DUO-LINE screwdrivers
	Width of screwdriver blade
	Length of screwdriver handle
	Working length DUO-LINE screwdrivers

Sockets	
	Bit length
	Working length
	Drill length
	Shaft diameter

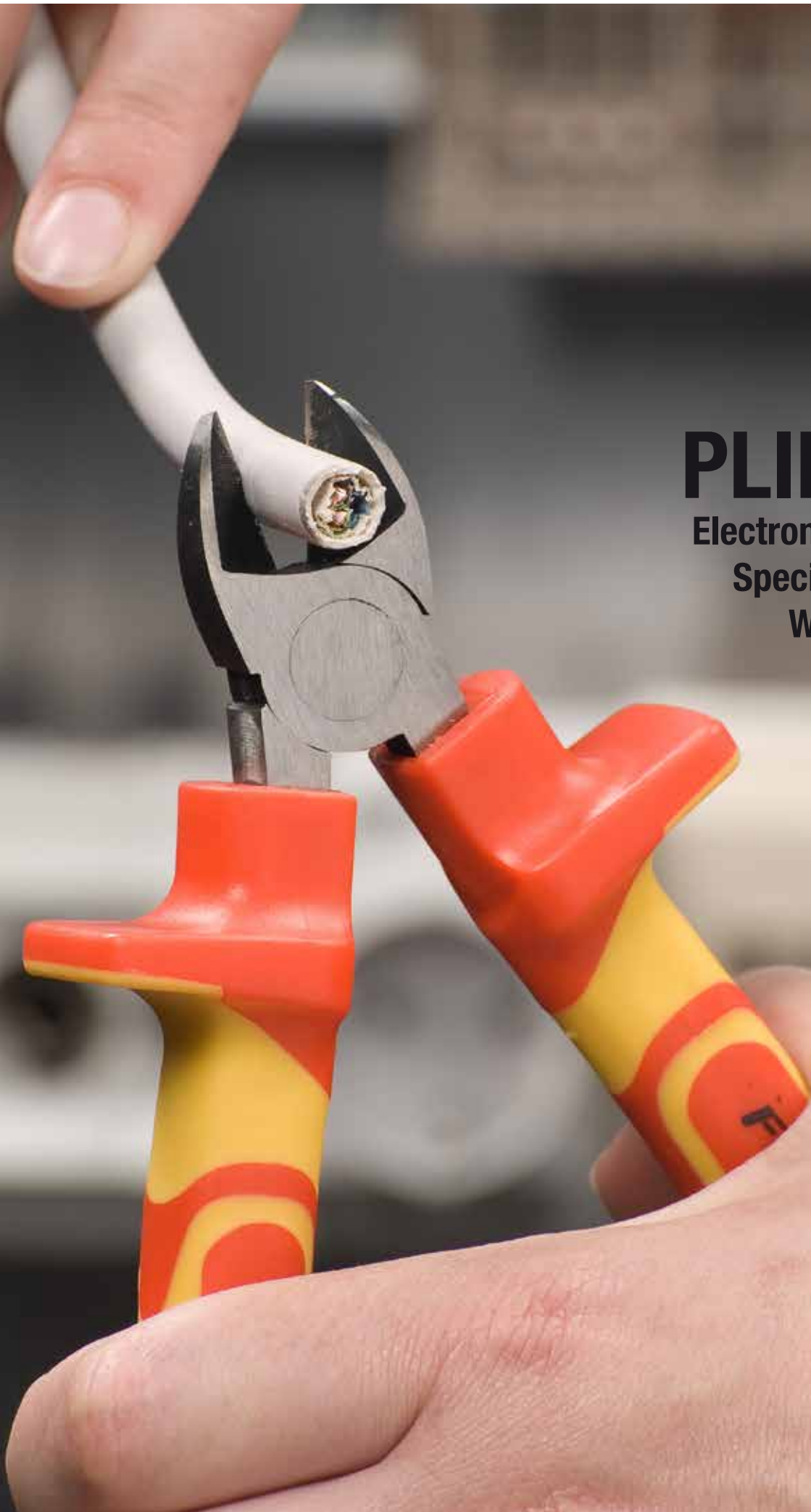
...always the right tool!

PLIERS

Electronic pliers

Special pliers

Wrenches



Pliers and wrenches



The benefits of pliers/wrenches

- 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
- spanners with wave profile for more direct power transfer on hexagon or square headed bolts
- no rounding of corners on bolt heads

Range overview pliers



Pliers, Professional 38 series

★★★★★

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 - 14



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 16 - 18



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 15



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.

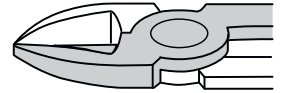
Technical terms



Joint types

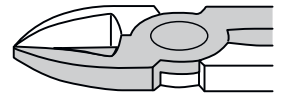
Overlaid joint

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



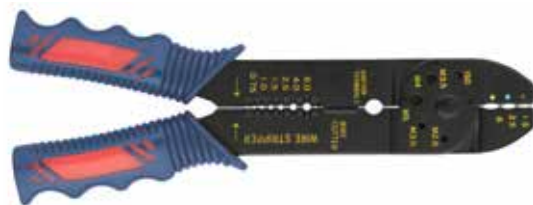
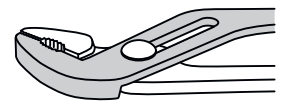
Box joint

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.



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 25



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 23 - 26



Wrenches, TuV GS tested

★★★★★

CrV steel, satin finish, wave profile, in various types and sizes, suitable for working with hexagon and square headed bolts and nuts.

Page 27 - 29



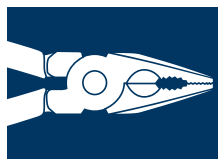
Torque wrench

★★★★★

TÜV GS tested, 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.

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Combination pliers ★★★★★

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

Art.-No. 386250-386450

Page 14

VDE combination pliers

Art.-No. 396350

Page 15



Flat nose pliers ★★★★★

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

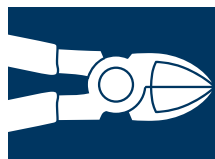
Art.-No. 381150

Page 12

Electronic flat nose pliers

Art.-No. 389050

Page 16

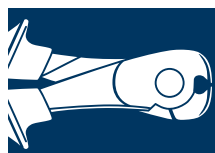


Heavy duty side cutter ★★★★★

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

Art.-No. 384050

Page 13



Heavy duty end cutter ★★★★★

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

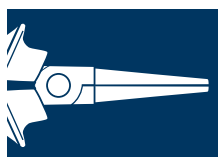
Art.-No. 385050

Page 13

Electronic front cutter

Art.-No. 389550

Page 17



Round nose pliers ★★★★★

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

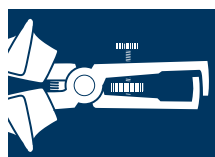
Art.-No. 381650

Page 12

Electronic round nose pliers

Art.-No. 389150

Page 16



Wire stripping pliers ★★★★★

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

Art.-No. 388050

Page 14

VDE wire stripping pliers

Art.-No. 398050

Page 15

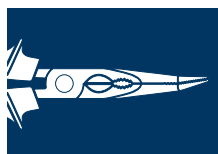


Radio/ telephone pliers ★★★★★

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

Art.-No. 381650

Page 12



Electronic telephone pliers

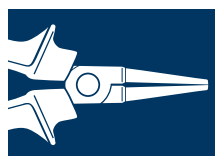
Art.-No. 389150

Page 17

Radio/ telephone plier, bent nose

Art.-No. 382650

Page 13

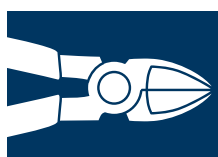


Chain nose pliers ★★★★★

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

Art.-No. 381950

Page 12



Side cutter ★★★★★

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

Art.-No. 383150

Page 13

Electronic side cutter

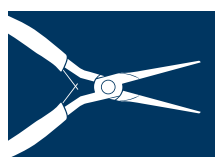
Art.-No. 399350

Page 17

VDE side cutter

Art.-No. 393150

Page 15

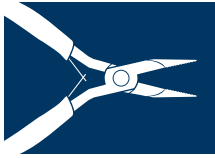


Electronic pointed nose pliers ★★★★★

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

Art.-No. 389250

Page 17

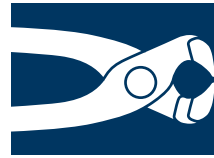


Electronic precision pliers ★★★★★

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

Art.-No. 389750

Page 18



End cutting nippers ★★★★★

Quick twisting and cutting of wire reinforcement ties.

Art.-No. 388100-388500

Page 20



Waterpump pliers ★★★★★

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

Art.-No. 387550

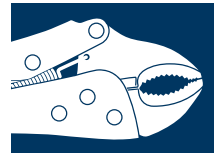
Page 14



Grip pliers with removable jaws and adjustable joint. For holding pipes, sleeves and all types of nuts and bolts, without damaging the workpiece.

Art.-No. 367850

Page 19



Self-grip pliers ★★★★★

Releasing seized bolts, clamping workpieces together or for use as a „third hand“, with serrated jaws, integral wire cutter.

Art.-No. 408000-408010

Page 20

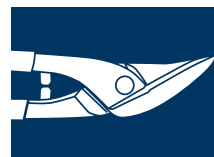


Box joint waterpump pliers ★★★★★

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

Art.-No. 387750

Page 14



Tinsnips ★★★★★

Easy to use for cutting sheet metal, sheet metal profiles, thin sheet steel and soft metals. Choose between left hand, right hand and straight cut. The tinsnips are so designed that left and right radius cuts can be made.

Art.-No. 407700-407720

Page 21

Art.-No. 926100-926300

Page 22

Continuous cut tinsnips

Art.-No. 407600

Page 21



Pipe wrench ★★★★★ Jaws offset 45 degrees

For holding round or flat objects. For plumbing and heating work in confined spaces.

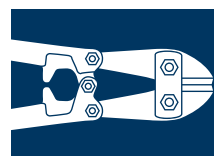
Art.-No. 409400-409600

Page 19

Pipe wrench with S-profile jaws

Art.-No. 409420-409520

Page 19

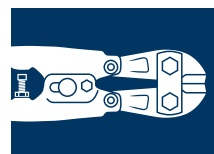


Bolt croppers ★★★★★

With these bolt croppers you can easily cut strong round metal objects (cables, bolts, steel reinforcement) thanks to excellent power transfer and high cutting performance.

Art.-No. 405946-405975

Page 21



Pocket bolt croppers

Art.-No. 405720

Page 20

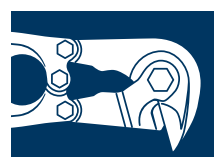


Carpenters pincers ★★★★★

For heavy duty precise work, ideal for use with nails, pins and staples.

Art.-No. 388200-388400

Page 19



Concrete reinforcement bar cutter ★★★★★

For cutting steel reinforcement web and round steel bar. High cutting performance with minimal effort thanks to optimal combination of cutting angle and force transfer.



Art.-No. 406100

Page 21

Flat nose pliers




TÜV GS tested, pattern to DIN 5258, ISO 5745, with long jaws, CrV steel, matt satin finish, box joint, finely serrated gripping surfaces, 2-component grip for optimal power transfer and fatigue-free working, for holding nails and bending wire

Art.-No.	 mm			Barcode
381150	160 mm		2	

Round nose pliers







TÜV GS tested, pattern to DIN 5258, ISO 5745, with long jaws, CrV steel, matt satin finish, box joint, 2-component grip for optimal power transfer and fatigue-free working, for bending and shaping wire

Art.-No.	 mm			Barcode
381650	160 mm		2	

Chain nose pliers










TÜV GS tested, CrV steel, matt satin finish, box joint, 2-component handle for optimal power transfer and fatigue-free working, for fine assembly work, for gripping holding and bending, opening chain links, cutters additionally induction hardened

Art.-No.	 mm			Barcode
381950	145 mm		2	

Radio/ telephone pliers, straight



TÜV GS tested, pattern to DIN 5236 A, ISO 5745, straight pattern, CrV steel, matt satin finish, flat/round jaws with serrated grip surfaces, 2-component grip for optimal power transfer and fatigue-free working, cutter additionally induction hardened, suitable for small gripping and cutting jobs

Art.-No.	 mm			Barcode
382150	145 mm		2	
382350	200 mm		2	

Pliers

Bent long nose pliers



TÜV GS tested, pattern to DIN 5236 B, ISO 5745, 45 degree bent nose, CrV 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

Art.-No.	 mm			Barcode
382650	200 mm		2	



Side cutter



TÜV GS tested, pattern to DIN 5238 B, ISO 5749, for normal wire, CrV steel, matt satin finish, box joint, 2-component grip for optimal power transfer and fatigue-free working, for cutting wire and nails, jaws additionally induction hardened





Art.-No.	 mm			Barcode
383150	145 mm		2	



Heavy duty side cutter



TÜV GS tested, pattern to DIN 5238 B, ISO 5749, for hardened steel wire, CrV 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 additionally induction hardened




Art.-No.	 mm			Barcode
384050	180 mm		2	



Heavy duty end cutter



TÜV GS tested, pattern to DIN 525 A, ISO 5748, for hardened steel wire, CrV steel, matt satin finish, box joint, 2-component grip for optimal power transfer and fatigue-free working, high cutting performance due to optimal combination of cutting angle and power application, cutters additionally induction hardened










Art.-No.	 mm			Barcode
385050	160 mm		2	



Combination pliers




TÜV GS tested, pattern to DIN 5244, ISO 5746, CrV 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 additionally induction hardened

Art.-No.	 mm			Barcode
386250	160 mm		2	 4 009313 862509
386350	180 mm		2	 4 009313 863506
386450	200 mm		2	 4 009313 864503

Groove joint waterpump pliers






TÜV GS tested, pattern to DIN 5231 F, ISO 8976, with guard, CrV steel, matt satin finish, groove joint, 2-component grip for optimal power transfer and fatigue-free working, grip surfaces serrated, easy adjustment to the workpiece size through milled grooves in five different positions, jaw aperture correctly shaped for holding bolts and nuts

Art.-No.	 mm			Barcode
387550	250 mm		2	 4 009313 875509

Waterpump pliers





TÜV GS tested, pattern to DIN 5231 D, ISO8976, box joint, with guard, CrV steel, matt satin finish, 2-component grip for optimal power transfer and fatigue-free working, grip surfaces serrated, 7-stage adjustment, for holding all kinds of large diameter items

Art.-No.	 mm			Barcode
387750	240 mm		2	 4 009313 877503

Wire stripping pliers



TÜV GS tested, pattern to ISO 5743, CrV 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

Art.-No.	 mm			Barcode
388050	160 mm		2	 4 009313 880503

Electronic pliers

VDE long nose pliers



VDE GS certified, DIN 5238 B, ISO 5743 pattern, CrV steel, box joint, straight, 2-component grip for optimal power transfer and fatigue-free working, specially for working on electrical installations, safe working up to 1000 V AC and 1500 V DC, for intricate gripping and cutting jobs

Art.-No.	 mm			Barcode
392150	170 mm		5	



VDE side cutter



VDE GS certified, DIN 5238 B, ISO 5749 pattern, CrV steel, box joint, 2-component grip for optimal power transfer and fatigue-free working, specially for working on electrical installations, safe working up to 1000 V AC and 1500 V DC, for cutting wire and nails



Art.-No.	 mm			Barcode
393150	160 mm		5	



VDE combination pliers



VDE GS certified, DIN 5244, ISO 5746 pattern, CrV steel, box joint, straight, 2-component grip for optimal power transfer and fatigue-free working, specially for working on electrical installations, safe working up to 1000 V AC and 1500 V DC, with grip zones for flat and round workpieces for a variety of uses, with flat jaws and bevelled head, for hard and soft wire, cutters additionally induction hardened



Art.-No.	 mm			Barcode
396350	180 mm		5	



VDE wire stripping pliers



VDE GS certified, DIN 5238 B, ISO 5743 pattern, CrV steel, box joint, straight, 2-component grip for optimal power transfer and fatigue-free working, specially for working on electrical installations, safe working up to 1000 V AC and 1500 V DC, for single-, multi- and fine-stranded conductors with plastic or rubber insulation

Art.-No.	 mm			Barcode
398050	160 mm		5	



...always the right tool!






VDE insulated pliers set, 3pc.

★★★★★



VDE GS certified, CrV steel box joint, 2-component grip for optimal power transfer and fatigue-free working, specially for working on electrical installations, safe working up to 1000 V AC and 1500 V DC, set consists of side cutter, flat-nose plier, wire stripper with spring and adjusting screw







Art.-No.				Barcode
380180	160 mm		1	

VDE pliers and screwdriver set, 11pc.

★★★★★



VDE GS certified, CrV steel, box joint, 2-component grip for optimal power transfer and fatigue-free working, specially for working on electrical installations, safe working up to 1000 V AC and 1500 V DC



Art.-No.	Contents			Barcode
380200	Side cutter 160 mm Wire stripper 160 mm Flat nose plier 160 mm 3 Plain slot screwdrivers (3.0, 4.0, 5.5 mm) 2 Cross slot screwdrivers (PH 1, PH 2) Voltage tester 2 rolls of insulating tape (red/black)		1	

Electronic flat nose pliers

★★★★★



TÜV GS tested, matt satin finish, slim pattern, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for working in precision engineering and with electronic components, specially suitable for holding, positioning and cutting small parts, for exact placing of wires, for example cables



Art.-No.				Barcode
389050	120 mm		2	

Electronic round nose pliers

★★★★★



TÜV GS tested, matt satin finish, slim pattern, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for working in precision engineering and with electronic components, specially suitable for holding, positioning and cutting small parts, for bending and shaping wire


Art.-No.				Barcode
389150	120 mm		2	

Electronic pliers

Electronic pointed nose pliers



TÜV GS tested, matt satin finish, slim pattern, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for working in precision engineering and with electronic components, specially suitable for holding and positioning small parts, due to the long pointed profile parts can be manipulated in confined spaces

Art.-No.	 mm			Barcode
389250	150 mm		2	



Electronic side cutter



TÜV GS tested, matt satin finish, slim profile, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for copper wire max. Ø 1,5 mm, for working in precision engineering and with electronic components, for intricate cutting

Art.-No.	 mm			Barcode
389350	110 mm		2	



Electronic end cutter



TÜV GS tested, matt satin finish, slim profile, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for copper wire max. Ø 1,5 mm, for working in precision engineering and with electronic components, specially for holding, positioning and cutting






Art.-No.	 mm			Barcode
389550	110 mm		2	



Electronic bent long nose pliers



TÜV GS tested, 45° bent nose pattern, matt satin finish, slim pattern, 2-component grip for optimal power transfer and fatigue-free working, self-opening, for working in precision engineering and with electronic components, specially suitable for gripping and positioning small parts

Art.-No.	 mm			Barcode
389650	120 mm		2	







Electronic precision pliers



TÜV GS tested, matt satin finish, slim profile, 2-component grip for optimal power transfer and fatigue-free working, self-opening with cutter, for working in precision engineering and with electronic components, for intricate cutting, specially for holding, positioning and cutting



Art.-No.	 mm			Barcode
389750	120 mm		2	 4 0093 13 897501

Circlip pliers set



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			Barcode
403900	10 - 50 mm	150 mm		3	 4 0093 14 039009

Special pliers

Pipe wrench



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	4 009314 094008
409500	1 1/2"		2	4 009314 095005
409600	2"		1	4 009314 096002



Pipe wrench, S-profile jaws



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	4 009314 094206
409520	1 1/2"		1	4 009314 095203



Waterpump pliers



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







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



Carpenters pincers



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

Art.-No.				Barcode
388200	160 mm		2	4 009313 882002
388300	180 mm		2	4 009313 883009
388400	200 mm		2	4 009313 884006










Tile pincers



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







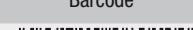


Art.-No.	 mm			Barcode
388100	220 mm		2	
388500	250 mm		2	

Self grip pliers



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.





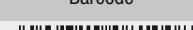
Art.-No.	Opening to pipe diameter	 mm			Barcode
408010	0 - 30 mm	180 mm		2	
408000	0 - 40 mm	225 mm		2	

Self grip pliers, C-grip



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	

Midget bolt croppers



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

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




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



Reinforcement mesh cutters



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				Barcode
406100	max. Ø 8 mm, max. HRC 40	790 mm		1	



Continuous cut tinsnips



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



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	












Aviation pattern tinsnips



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	

Nibbler



with sheet metal punch to cut up to 1.2mm thick in iron, copper or aluminium sheet, or up to 2.0mm in plastic, cuts the hole without deforming the surrounding material








Art.-No.	 mm			Barcode
406000	250 mm		1	

Revolving punch pliers



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	

Punch and eyelet pliers



With 100 eyelets, 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	 mm			Barcode
929300	4 mm	4 mm	165 mm		3	



Eyelets for eyelet press tool



For use with punch and eyelet plier (Part no. 929300)








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



Eyelet tool, chrome plated



With 12 brass-plated eyelets







Art.-No.	Eyelet diameter	 mm			Barcode
929710	10 mm	160 mm		6	
929716	16 mm	175 mm		6	



Eyelets, brass plated



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

Art.-No.	for	Contents	Eyelet diameter			Barcode
929810	Part no. 929710	20	10 mm		6	
929816	Part no. 929716	20	16 mm		6	



Wire stripping pliers



with side cutter (Ø max. 2 mm), stripping length adjustable from 8 - 12 mm, for flexible solid and stranded conductors, ergonomic pistol grip



Art.-No.	for			Barcode
401300	cable 0,6 - 6 mm ²		1	4 0093 14 013009

Universal wire stripping knife



Inside diameter adjustable, with hooked blade for stripping and removing insulation on rubber and soft PVC cables, screw depth adjustment on the end of the handle



Art.-No.	for			Barcode
025400	cable 0,6 - 6 mm ²		2	4 0093 10 254000

Crimping pliers Set



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



Art.-No.	Contents			Barcode
402200	1 Crimping plier for non-insulated terminals 140 mm, für 0,34 - 2,5 mm ² / 150 Non-insulated terminals 30 x 0,5 / 0,75 / 1,0 / 1,5 / 2,5 mm ²		1	4 0093 14 022001

Terminals, non-insulated



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



Art.-No.	Contents	mm ²			Barcode
402505	90	0,50		6	4 0093 14 025057
402507	90	0,75		6	4 0093 14 025071
402510	90	1,00		6	4 0093 14 025101
402515	90	1,50		6	4 0093 14 025156
402525	70	2,50		6	4 0093 14 025255

Special pliers

Crimping pliers



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.				Barcode
403100	200 mm		2	



Assortment of cable ties and terminals



200pc., 200 cable terminals for cables 1,0 / 1,5 and 2,5 mm² to DIN 46245, for solder-free, easy cable termination, surfaces bright, electro-galvanised, partly and fully insulated (Polyamide, Nylon), EasyEntry for quick and easy insertion of the conductors, operating temperature range from -60° C to +105° C




Art.-No.	Contents			Barcode
403300	200		1	



Pop rivet gun



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

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



Pop rivets



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

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

Pop rivets



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

Art.-No.	Dimensions Ø x length	Contents			Barcode
407407	3,2 x 6,5 mm	500		2	
407409	3,2 x 9,0 mm	500		2	
407412	3,2 x 12,0 mm	500		2	
407418	4,0 x 8,0 mm	500		2	
407420	4,0 x 10,0 mm	500		2	
407422	4,0 x 12,0 mm	500		2	
407426	4,0 x 16,0 mm	500		2	
407428	4,8 x 8,0 mm	500		2	
407432	4,8 x 12,0 mm	500		2	
407436	4,8 x 16,0 mm	500		2	

Ratchet combination spanner



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 009314 604085
460410	10 mm		2	4 009314 604108
460413	13 mm		2	4 009314 604139
460415	15 mm		2	4 009314 604153
460417	17 mm		2	4 009314 604177
460419	19 mm		2	4 009314 604191



Ring spanner



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



Ring spanner set, 8pc.



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



Open end spanners



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	
452123	21 x 23 mm		2	
452427	24 x 27 mm		2	
453032	30 x 32 mm		2	

Open end spanner set, 8pc.



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	

Combination spanners



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	
460207	7 mm		2	
460208	8 mm		2	
460209	9 mm		2	
460210	10 mm		2	
460211	11 mm		2	
460212	12 mm		2	
460213	13 mm		2	
460214	14 mm		2	
460215	15 mm		2	
460216	16 mm		2	
460217	17 mm		2	
460218	18 mm		2	
460219	19 mm		2	
460220	20 mm		2	
460222	22 mm		2	
460224	24 mm		2	
460227	27 mm		2	
460230	30 mm		2	
460232	32 mm		2	



Combination spanner set, 8pc.



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	



Box spanner



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	4 0093 11 106070
110809	8 x 9 mm		3	4 0093 11 108098
111011	10 x 11 mm		3	4 0093 11 110114
111213	12 x 13 mm		3	4 0093 11 112132
111317	14 x 15 mm		3	4 0093 11 113177
111415	13 x 17 mm		3	4 0093 11 114150
111617	16 x 17 mm		3	4 0093 11 116178
111819	18 x 19 mm		3	4 0093 11 118196
112022	20 x 22 mm		3	4 0093 11 120229

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

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

Wrenches

L-socket offset wrench set



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	Contents			Barcode
470150	8 - 9 - 10 11 - 13 mm	5		2	4 009314 701500



Torque wrench



TÜV GS tested, chrome plated, CrV steel, self-triggering automatic torque wrench with in-built 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	4 009313 747004



Swivelling wheel nut wrench



Rotating, time-saving, quick and easy undoing of wheel nuts, high leverage with efficient force transfer, to save space the wheel nut wrench comes apart and can be stored in its handy transport case, including 2 combi-sockets 17/19 and 21/23mm

Art.-No.	Contents			Barcode
374600	Sockets 17, 19, 21, 23 mm		1	4 009313 746007



Basin wrench



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

Art.-No.	Size	Length			Barcode
981000	AF 10 - 28 mm	250 mm		1	4 009319 810009













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







Art.-No.	Size	Opening			Barcode
167700	6" / 150 mm	3/4" / 18 mm		2	 4 009311 677006
167800	8" / 200 mm	1" / 24 mm		2	 4 009311 678003
167900	10" / 250 mm	1 1/8" / 28 mm		2	 4 009311 679000
168000	12" / 300 mm	1 1/4" / 32 mm		2	 4 009311 680006

3-arm bearing puller

★★★★★



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	 4 009313 743105
374325	250 mm		1	 4 009313 743259

SCREWDRIVERS

Screwdrivers DUO-LINE

Screwdrivers DUO-LINE VDE

Screwdriver sets

Voltage testers

Hexagon key wrenches

Screwdrivers



The advantages of screwdrivers

- all screwdrivers made from CrV steel
- with 2-component grip for optimal power transfer and non-slip working
- Colour coding system for the various blade types
- PROFI VDE screwdrivers tested to IEC 60900:2004 and VDE 0682, part 201

Range overview screwdrivers



DUO-LINE screwdrivers

★★★★★

Blades made from CrV steel, matt chrome plated, with chemically blacked precision tips, 2-component handle for optimal power transfer and non-slip working, colour coding system for the various blade types.

Page 37 - 39



PROFI precision screwdrivers

★★★★★

Blades from CrV steel matt chrome plated, 2-component handle, with rotating top for optimal power transfer and easy working in precision engineering, with chemically blacked precision tips.

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VDE screwdrivers

★★★★★

VDE tested, blades fully insulated, with chemically blacked precision tips, safe working up to 1000 V

Page 40

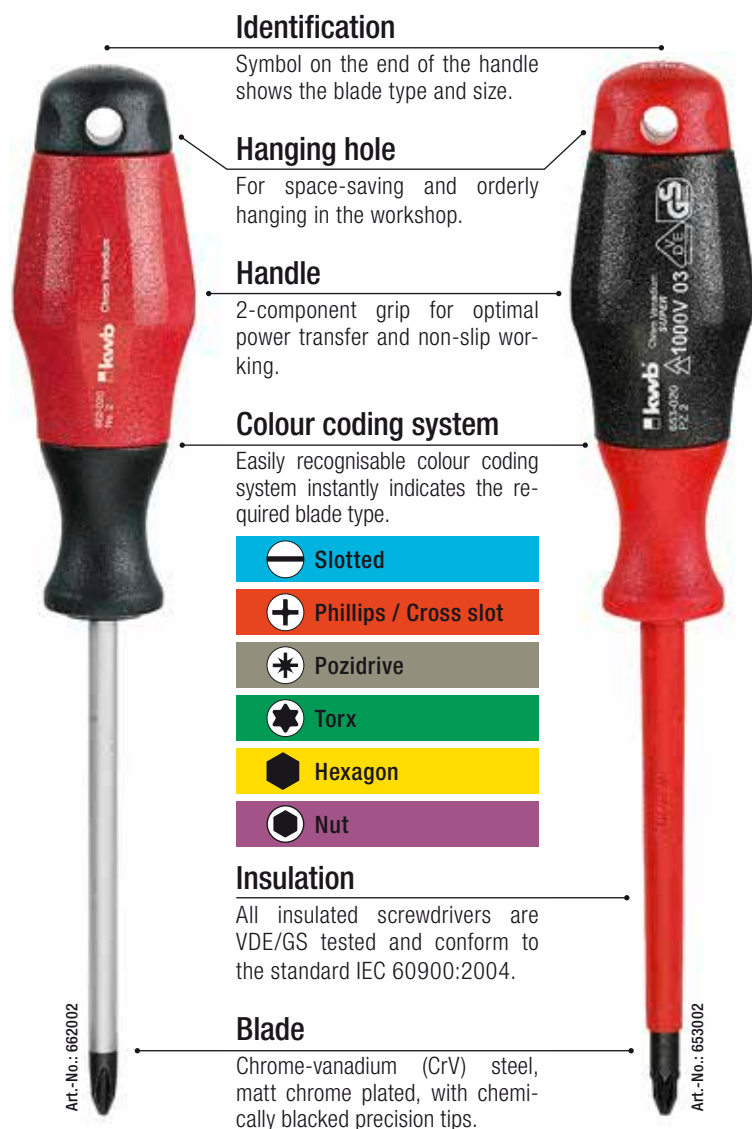


1000 V

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.



Design

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

Handle

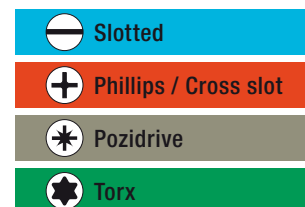
2-component grip for optimal power transfer and non-slip working.

Identification

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

Colour coding system

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



Blade

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



Voltage tester

★★★★★

VDE GS tested, 150-250 volt, with visual indication, with clip, insulated head, insulated blade, for testing whether a voltage is present.



Hexagon key wrenches

★★★★★

CrV steel, in plastic clip, one end with ball head, ideal for offset working and for difficult-to-access areas.

T-grip screwdriver



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, matt chrome plated, short and long blades, for use on heavier jobs than conventional screwdrivers

Art.-No.					Barcode
● T					
689406	45 mm	T6 3,0 x 105 mm		2	
689408	45 mm	T8 3,0 x 105 mm		2	
689410	45 mm	T10 3,0 x 125 mm		2	
689415	45 mm	T15 3,5 x 125 mm		2	
689420	45 mm	T20 4,0 x 125 mm		2	
689425	70 mm	T25 4,5 x 150 mm		2	
689430	70 mm	T30 6,0 x 150 mm		2	
689440	70 mm	T40 8,0 x 150 mm		2	

T-grip screwdriver



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, matt chrome plated, short and long blades, for use on heavier jobs than conventional screwdrivers

Art.-No.					Barcode
● 6-Kant					
689303	45 mm	3,0 x 125 mm		2	
689304	45 mm	4,0 x 125 mm		2	
689305	70 mm	5,0 x 150 mm		2	
689306	70 mm	6,0 x 150 mm		2	
689308	90 mm	8,0 x 175 mm		2	
689310	90 mm	10,0 x 200 mm		2	

T-grip screwdriver



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, matt chrome plated, for use on heavier jobs than conventional screwdrivers


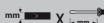












Art.-No.					Barcode
● Nut					
689208	90 mm	SW8 7,0 x 230 mm		2	
689210	90 mm	SW10 7,0 x 230 mm		2	
689213	90 mm	SW13 8,0 x 230 mm		2	
689217	90 mm	SW17 8,0 x 230 mm		2	

Screwdrivers DUO-LINE

DUO-LINE engineer's screwdrivers



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade
CrV steel, matt chrome plated, with chemically blacked precision tips


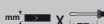












Art.-No.					Barcode
⊖ Plain slot					
661037	80 mm	3,5 x 75 mm		2	
661057	100 mm	5,5 x 100 mm		2	
661063	110 mm	6,5 x 125 mm		2	
661072	120 mm	8,0 x 175 mm		2	
661102	120 mm	10,0 x 200 mm		2	



DUO-LINE engineer's screwdrivers



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade
CrV steel, matt chrome plated, with chemically blacked precision tips









Art.-No.					Barcode
⊕ Phillips / Cross slot					
662002	80 mm	Nr. 0 x 60 mm		2	
662012	100 mm	Nr. 1 x 80 mm		2	
662022	110 mm	Nr. 2 x 100 mm		2	
662032	120 mm	Nr. 3 x 150 mm		2	
662042	120 mm	Nr. 4 x 200 mm		2	



DUO-LINE engineer's screwdrivers



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade
CrV steel, matt chrome plated, with chemically blacked precision tips

Art.-No.					Barcode
⊕ Pozidrive					
663002	80 mm	Nr. 0 x 60 mm		2	
663012	100 mm	Nr. 1 x 80 mm		2	
663022	110 mm	Nr. 2 x 100 mm		2	
663032	120 mm	Nr. 3 x 150 mm		2	



DUO-LINE engineer's screwdrivers



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips

Art.-No.		mm X mm			Barcode
TORX®					
669007		80 mm	T6 3,0 x 80 mm	2	4 0093 16 690079
669008		80 mm	T8 3,0 x 80 mm	2	4 0093 16 690086
669012		80 mm	T10 3,0 x 80 mm	2	4 0093 16 690123
669017		90 mm	T15 3,5 x 80 mm	2	4 0093 16 690178
669022		90 mm	T20 4,0 x 100 mm	2	4 0093 16 690222
669023		100 mm	T25 4,5 x 100 mm	2	4 0093 16 690239
669029		100 mm	T27 5,5 x 115 mm	2	4 0093 16 690291
669032		110 mm	T30 6,0 x 115 mm	2	4 0093 16 690321
669042		120 mm	T40 7,0 x 130 mm	2	4 0093 16 690420
669047		120 mm	T45 8,0 x 130 mm	2	4 0093 16 690475

DUO-LINE electrical screwdrivers



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, matt chrome plated, with chemically blacked precision tips

Art.-No.		mm X mm			Barcode
Plain slot					
664032		80 mm	3,0 x 100 mm	2	4 0093 16 640326
664042		90 mm	4,0 x 125 mm	2	4 0093 16 640425
664057		100 mm	5,5 x 150 mm	2	4 0093 16 640579

DUO-LINE stubby screwdrivers



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, matt chrome plated, with chemically blacked precision tips


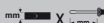







Art.-No.		mm X mm			Barcode
Plain slot					
666057		60 mm	5,5 x 25 mm	2	4 0093 16 660577
666067		60 mm	6,5 x 25 mm	2	4 0093 16 660676

Screwdrivers DUO-LINE

DUO-LINE stubby screwdrivers



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, matt chrome plated, with chemically blacked precision tips


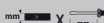







Art.-No.		mm  X 			Barcode
+ Phillips / Cross slot					
667012	60 mm	Nr. 1 x 25 mm		2	
667022	60 mm	Nr. 2 x 25 mm		2	



DUO-LINE stubby screwdrivers



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, matt chrome plated, with chemically blacked precision tips

Art.-No.		mm  X 			Barcode
+ Pozidrive					
668012	60 mm	Nr. 1 x 25 mm		2	
668022	60 mm	Nr. 2 x 25 mm		2	



Awl



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, for making pilot holes in wood to facilitate screwdriving

Art.-No.		mm  X 			Barcode
689062	90 mm	6,0 x 100 mm		2	



Nail lifting bar



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, with claw for nails up to a shank diameter of 2.5mm

Art.-No.		mm  X 			Barcode
689012	90 mm	 6,0 x 100 mm		2	



VDE insulated screwdriver



VDE certified, CrV steel, 2-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips

Art.-No.		mm X mm			Barcode
⊖ Plain slot					
651027		80 mm	2,5 x 75 mm		2
651030		80 mm	2,8 x 75 mm		2
651034		90 mm	3,5 x 100 x 0,5 mm		2
651037		90 mm	3,5 x 100 x 0,8 mm		2
651042		90 mm	4,0 x 100 mm		2
651057		100 mm	5,5 x 125 mm		2
651062		110 mm	6,0 x 150 mm		2

VDE insulated screwdriver



VDE certified, CrV steel, 2-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips

Art.-No.		mm X mm			Barcode
⊕ Phillips / Cross slot					
652002		80 mm	Nr. 0 x 60 mm		2
652012		100 mm	Nr. 1 x 80 mm		2
652022		110 mm	Nr. 2 x 100 mm		2

VDE insulated screwdriver



VDE certified, CrV steel, 2-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips

Art.-No.		mm X mm			Barcode
⊕ Pozidrive					
653002		80 mm	Nr. 0 x 60 mm		2
653012		100 mm	Nr. 1 x 80 mm		2
653022		110 mm	Nr. 2 x 100 mm		2

Screwdriver sets DUO-LINE

DUO-LINE screwdriver set, 5pc.



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips

Art.-No.	Shape	mm" X "			Barcode
⊖ Plain + ⊕ Phillips / Cross slot					
660005	⊖ Flat	3,5 x 75 mm		1	
	⊖ Flat	5,5 x 100 mm			
	⊖ Flat	6,5 x 150 mm			
	⊕ Cross	No. 1 x 80 mm			
	⊕ Cross	No. 2 x 100 mm			



DUO-LINE screwdriver set, 7pc.



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips

Art.-No.	Shape	mm" X "			Barcode
⊖ Plain slot + ⊕ Phillips / Cross slot + ⊕ Pozidrive					
660007	⊖ Flat	5,5 x 100 mm		1	
	⊖ Flat	6,5 x 125 mm			
	⊖ Voltage tester	3,0 x 65 mm			
	⊕ Cross	No. 1 x 50 mm			
	⊕ Cross	No. 2 x 100 mm			
	⊕ Pozidrive	No. 1 x 80 mm			
	⊕ Pozidrive	No. 2 x 100mm			



DUO-LINE screwdriver set, 6pc.



CrV steel, 2-component grip for optimal power transfer and fatigue-free working, blade CrV steel, matt chrome plated, with chemically blacked precision tips

Art.-No.	Shape	mm" X "			Barcode
TORX®					
669006	T 10	3,0 x 80 mm		1	
	T 15	3,5 x 80 mm			
	T 20	4,0 x 100 mm			
	T 25	4,5 x 100 mm			
	T 27	5,5 x 115 mm			
	T 30	6,0 x 115 mm			



VDE insulated screwdriver set, 7pc.



VDE certified, CrV steel, 2-component grip for optimal power transfer and non-slip working, blades fully insulated, with chemically blacked precision tips

Art.-No.	Shape	mm" X "			Barcode
⊖ Plain slot + ⊕ Phillips / Cross slot					
651007	⊖ Flat	2,5 x 75 mm		1	
	⊖ Flat	4,0 x 100 mm			
	⊖ Flat	5,5 x 125 mm			
	⊖ Flat	6,5 x 150 mm			
	⊕ Cross	No. 1 x 80 mm			
	⊕ Cross	No. 2 x 100 mm			
	⊖ Voltage tester	3,0 x 65 mm			



1000 V



Screwdriver set, 6pc.

★★★★★



CrV steel, with wooden handle, blades with hexagon section so a wrench can be used to loosen extra-tough screws



Art.-No.	Shape	mm X mm			Barcode
661006	⊖ Flat	4,5 x 90 mm		2	4 009316 610060
	⊖ Flat	7,0 x 125 mm			
	⊕ Cross	Nr. 1 x 80 mm			
	⊕ Cross	Nr. 2 x 100 mm			
	⊕ Pozidrive	Nr. 1 x 80 mm			
	⊕ Pozidrive	Nr. 2 x 100 mm			

PROFI precision screwdriver set, 6pc.

★★★★★



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.	Contents			Barcode
⊖ Plain slot + ⊕ Phillips / Cross slot				
146100	⊖ Flat 1.5, 2.0, 2.5, 3.0 mm ⊕ Cross Nr. 00, Nr. 0		4	4 009311 461001

PROFI precision screwdriver set, 7pc.

★★★★★



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







Art.-No.	Contents			Barcode
⊖ Plain slot + ⊕ Phillips / Cross slot + ⊕ T				
146200	⊖ Flat 2.0, 2.5, 3.0 mm ⊕ Cross Nr. 00, Nr. 0 ⊕ T 15, T 20		4	4 009311 462008

Precision screwdriver sets

PROFI precision screwdriver set, 7pc.



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









Art.-No.	Contents			Barcode
 T				
146400	 T6, T7, T8, T9, T10, T16, T20		4	



PROFI precision screwdriver set, 8pc.



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







Art.-No.	Contents			Barcode
 Plain slot +  Phillips / Cross slot +  T				
146600	 /  Flat/Cross 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	



PROFI precision screwdriver set, 6pc.



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

Art.-No.	Contents			Barcode
 Phillips / Cross slot +  Plain slot				
146800	 Phillips / Cross slot Nr. 00 x 65 mm Nr. 0 x 65 mm, Nr. 1 x 65 mm  Flat 2.0 x 65 mm, 2.5 x 65 mm 3.0 x 65 mm		4	



1000 V



Screwdriver with flexible blade



CrV steel, flexible blade, 2-component grip for optimal power transfer and fatigue-free working, allows screwdriving in areas difficult to access

Art.-No.	Fitting	Length			Barcode
670060	1/4"	150 mm		2	4 009316 700600



4 in 1 screwdriver



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.	Contents			Barcode
117092	⊖/⊕ Flat/Cross/Phillips 5.0 mm x No 2 + ⊕ Pozidrive No. 2 x No. 1		24	4 009311 170927



Ratchet angle screwdriver



3 position handle: left rotation, right rotation and locked. Angle locking at 0° - 45° - 90°.

Art.-No.	Contents	Length			Barcode
116200	7 pc. Magazine handle with ratchet, ⊖ 4, 5, 6 ⊕ No. 2 / ⊕ No.1, No.2	200 mm		6	4 009311 162007



Magnetic screwdriver, with magazine, 1/4" hex bits



Screwdriver with 6 bits, always the right bit to hand, bit magazine inside handle

Art.-No.	Contents	Length			Barcode
116400	7 pc. Magazine handle with selector disc, ⊖ 4, 6, 7 ⊕ No.2 / ⊕ No.1, No.2	225 mm		6	4 009311 164001

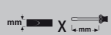










Voltage testers

Voltage tester



VDE GS certified, 125 - 250 Volt, with optical display, with pocket clip, insulated head and blade, to detect whether voltage is present

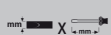






Art.-No.				Barcode
142900	3,5 x 100 mm		2	
142911	3,5 x 100 mm		2	
143000	3,0 x 70 mm		2	
143011	3,0 x 70 mm		2	



Voltage tester, VDE



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	
143200	3,8 x 190 mm		2	



2-pole voltage tester



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 83cm long, probe length 20mm, dust and moisture resistant housing IP54, for indoor and outdoor use, CAT III max. 400 V, complies with IEC/EN 61243-3 (DIN VDE 0411)





Art.-No.	Contents			Barcode
142400	2-pole voltage tester 2 x 1.5V micro batteries LR44 included		2	



Car light tester



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

Art.-No.	Contents			Barcode
142600	Car lighting tester, 24 Volt		2	



Hexagon key



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 0093 11 474155
147420	2,0 mm		5	4 0093 11 474209
147425	2,5 mm		5	4 0093 11 474254
147430	3,0 mm		5	4 0093 11 474308
147440	4,0 mm		5	4 0093 11 474407
147450	5,0 mm		5	4 0093 11 474506
147460	6,0 mm		5	4 0093 11 474605
147470	7,0 mm		5	4 0093 11 474704
147480	8,0 mm		5	4 0093 11 474803
147499	10,0 mm		5	4 0093 11 474995
147412	12,0 mm		5	4 0093 11 474124

Hexagon key set 7pc.



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 0093 11 472007

Hexagon key set extra long, 9pc.



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 0093 11 476005

Key wrenches

T-key wrench set, 7pc.



CrV steel, in handy metal fold-up holder





Art.-No.	Contents			Barcode
147000	⊕ T10 - T15 - T20 - T25 T27 - T30 - T40		2	



Security T key wrench set, 8pc.



CrV steel, in handy metal fold-up holder





Art.-No.	Contents			Barcode
147500	⊕ TT9 - TT10 - TT15 - TT20 - TT25 TT27 - TT30 - TT40		2	



Angle screwdriver set, 3pc.



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

Art.-No.	Contents			Barcode
918030	⊖ 5,5 x ⊕ PH 1 ⊖ 6,0 x ⊕ PH 2 ⊖ 8,0 x ⊕ PH 3		2	



...always the right tool!

SOCKETS

Socket sets
Threading tools
Chisels / Punches
Hammers



Sockets



The benefits of sockets

- with wave profile for optimal power transfer on hexagon head bolts
- protection of edges
- also available in multi-part sets with ratchets
- ratchets of various types available

Range overview sockets



PROFI sockets

★★★★★

CrV steel, matt chrome plated, wave profile for optimal power transfer on hexagon head bolts, rounded corners, edge protection.

Page 54 - 57



Socket sets

★★★★★

CrV steel, sockets with 1/2" and 1/4" drive, ratchet with non-slip 2-component handle for optimal power transfer and fatigue-free working.

Page 53



Ratchets

★★★★★

CrV steel, reversible, ball retention with push-button ejection, with or without adjustable swivel head, matt chrome plated, with non-slip 2-component handle for optimal power transfer and fatigue-free working.

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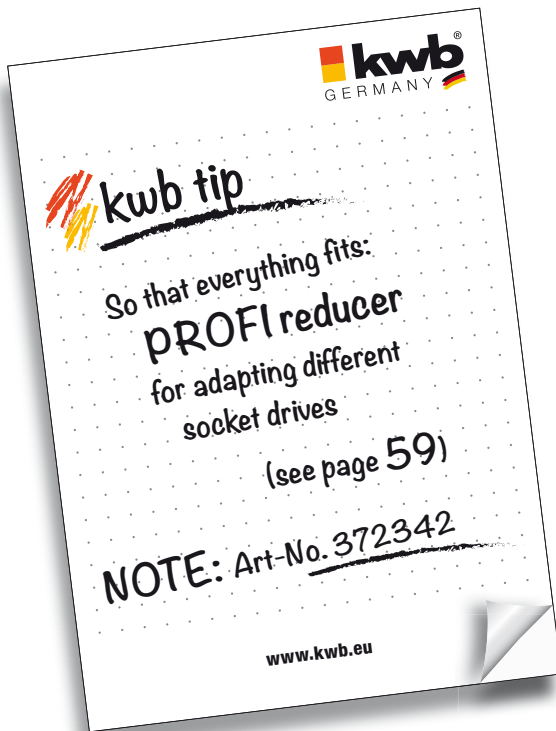


Tool case

★★★★★

Fully equipped tool case with high quality professional tools, kwb quality. Everything is readily to hand, stored in a handy aluminium case.




Page 52



kwb info

Colour coding system for sockets

So that you can quickly select the correct socket, kwb uses a handy colour-coded packaging system. From the relevant colour you can easily distinguish the square drive size of the sockets.

-  Drive 1/4"
-  Drive 3/8"
-  Drive 1/2"



Range overview threading tools, chisels/punches and hammers



Taps and dies, to DIN

★★★★★

HSS, ground threads, for female and male threads, for hand and machine use in various materials; tap wrenches and die holders.

Page 60



Chisels, punches, taper punches, pin punches

★★★★★

VPS GS tested, CrV steel, specially hardened, for chiselling and breaking jobs, for electrical, assembly and demolition work.

Page 63 - 65



Hammers, to DIN

★★★★★

VPA GS tested, with wooden shafts, fibreglass or solid steel, magnetic nail holders, specially hardened working surfaces, serrated anti-slip striking faces, non-slip 2-component grips for optimal power transfer.

Page 68



Paving hammer

★★★★★

Lump hammer head, ash handle, with rounded rubber cap (replaceable), for laying stone/ concrete slabs and paving slabs.

Page 71

Tool case, 129pc.



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
371080	see breakdown below		1	4 009313 710800

- | | |
|--|--|
| 1 side cutter 160 mm | 1 universal joint 1/2" |
| 1 combination pliers 180 mm | 1 universal joint 1/4" |
| 1 radio/telephone pliers 200 mm | 1 engineer's hammer 300 g |
| 1 groove joint waterpump pliers 240 mm | 1 tape measure 5 m x 19 mm |
| 1 circlip pliers set 150 mm 4-6" | 1 junior hacksaw frame 150 mm |
| 1 crimping pliers 225 mm | 1 junior hacksaw blade set 3pc. |
| 11 cable ties | |
| 1 set combination spanners 8 - 22 mm | 31-piece bit set |
| 1 adjustable wrench 1 - 10" | ⊖ 3, 4, 4.5, 5, 5.5, 6, 7 mm |
| 1 screwdriver ⊕ 1 x 75 mm | ⊕ PH0, PH1, PH2, PH3, PH4 |
| 1 screwdriver ⊕ 2 x 100 mm | ⊕ PZ0, PZ1, PZ2, PZ3, PZ4 |
| 1 screwdriver ⊖ 5,5 x 75 mm | ● 1.5, 2, 2.5, 3, 4, 5, 6 mm |
| 1 screwdriver ⊖ 6,5 x 100 mm | ● T10, T15, T20, T25, T27, T30 |
| 1 voltage tester | |
| 1 trimming knife | 4 x precision screwdrivers |
| 1 hexagon key wrench set 9 pc. 1,5 - 10 mm | ⊖ 2 mm - ⊕ PH00 |
| 13 drive socket set 1/2" 10 - 32 mm | ⊖ 3 mm - ⊕ PH0 |
| 13 drive socket set 1/4" 4 - 14 mm | ⊖ 4 mm - ⊕ PH1 |
| 1 drive spark plug socket 1/2" 16 mm | |
| 1 drive spark plug socket 1/2" 21 mm | 1 spirit level 300 mm |
| 1 drive ratchet 1/2" | 1 Hand ratchet screwdriver |
| 1 drive ratchet 1/4" | 1 T-grip for 1/2" ratchet |
| 1 extension 250 mm | 1 Sliding tee bar |
| 1 extension 125 mm | 1 adaptor 25 mm for using sockets |
| 1 extension 100 mm | with hand ratchet screwdriver |
| 1 extension 50 mm | 1 adaptor 30 mm from bit to socket drive |
| | for use with hand ratchet screwdriver |

Waterproof cases



These waterproof cases can be used for all kinds of business or leisure travel. Protect your belongings against water and humidity. An excellent travel companion. Also suitable for photographic equipment. The cases are made from high-impact plastic, with 2-point or 4-point locking, and are extremely durable. The cases use a sealing ring seated in an expansion joint to form a total seal. There is also an expansion valve to guard against damage through extremes of temperature or pressure. The case has a textured foam rubber insert which adapts to a wide variety of uses.


Art.-No.	Contents			Barcode
370501	Waterproof cases 460 x 350 x 180 mm		1	4 009313 705011
370601	Waterproof cases, 580 x 420 x 215 mm		1	4 009313 706018

Socket sets

Socket set PROFI, 23pc.



CrV steel, 1/2" drive, ratchet, ball retention with push-button ejection, with non-slip 2-component grip for optimal power transfer and fatigue-free working.

Art.-No.	Contents			Barcode
371324	see breakdown below		1	4 009313 713245

9 sockets:
10, 11, 12, 13, 14, 15, 16, 17, 18 mm

9 sockets, tapered
19, 20, 21, 22, 23, 24, 27, 30, 32 mm

1 extension 250 mm
1 sliding tee bar
1 drive spark plug socket 21 mm
1 drive ratchet 1/2"
1 nut spinner



Socket set PROFI, 36pc.



CrV steel, 1/4" drive, ratchet, ball retention with push-button ejection, with non-slip 2-component grip for optimal power transfer and fatigue-free working

Art.-No.	Contents			Barcode
371137	see breakdown below		1	4 009313 711137

12 sockets:
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm

1 extension 50 mm
1 screwdriver extension 150 mm 1/4" ■
1 sliding tee bar
1 square to hex adaptor 1/4" ■ -> 1/4" ●

⊖ 4, 5.5, 7 mm
⊕ PH1, PH2
⊕ PZ1, PZ2
● 3, 4, 5, 6 mm
⊕ T 10, T 15, T 20
4 hexagon key wrenches 1.25, 1.5, 2.0, 2.5 mm
1 drive ratchet 1/4"
1 nut spinner



Socket set, 83pc.



CrV steel, 1/4" + 1/2" drive, ratchet, ball retention with push-button ejection, with non-slip 2-component grip for optimal power transfer and fatigue-free working

Art.-No.	Contents			Barcode
370983	see breakdown below		1	4 009313 709835

1/4" ■
13 sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm

19 sockets
⊖ 4, 5.5, 7 mm
⊕ PH1, PH2
⊕ PZ1, PZ2
● 3, 4, 5, 6, 7, 8 mm
⊕ T10, T15, T20, T25, T30, T40

1 extension 50 mm
1 extension 100 mm
1 sliding tee bar
1 universal joint 1/4"
1 adaptor 1/4" ■ x 1/4" ●
1 ratchet 1/4"
1 screwdriver handle

1/2" ■
14 sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 mm

1 extension 125 mm
1 extension 250 mm
2 drive spark plug sockets 16 + 21 mm
1 universal joint 1/2"
1 drive ratchet 1/2"

17 screwdriver bits 75 mm long
⊖ 3 mm
⊕ PH2
⊕ PZ2
● 10, 15, 20, 25, 30, 40
● 1, 2, 3, 4
● 4, 6, 8, 10
4 combination spanners 8, 10, 13, 17 mm
3 hexagon key wrenches 1.5, 2, 2.5 mm



PROFI sockets 1/4"



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

Art.-No.	Dimensions Ø	Drive			Barcode
1/4" drive ■					
372106	6,0 mm	1/4" ■		3	4 0093 13 721066
372108	8,0 mm	1/4" ■		3	4 0093 13 721080
372110	10 mm	1/4" ■		3	4 0093 13 721103
372111	11 mm	1/4" ■		3	4 0093 13 721110
372112	12 mm	1/4" ■		3	4 0093 13 721127
372113	13 mm	1/4" ■		3	4 0093 13 721134

PROFI sockets 3/8"



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

Art.-No.	Dimensions Ø	Drive			Barcode
3/8" drive ■					
372206	6,0 mm	3/8" ■		3	4 0093 13 722063
372207	7,0 mm	3/8" ■		3	4 0093 13 722070
372208	8,0 mm	3/8" ■		3	4 0093 13 722087
372209	9,0 mm	3/8" ■		3	4 0093 13 722094
372210	10 mm	3/8" ■		3	4 0093 13 722100
372211	11 mm	3/8" ■		3	4 0093 13 722117
372212	12 mm	3/8" ■		3	4 0093 13 722124
372213	13 mm	3/8" ■		3	4 0093 13 722131
372214	14 mm	3/8" ■		3	4 0093 13 722148
372215	15 mm	3/8" ■		3	4 0093 13 722155
372217	17 mm	3/8" ■		3	4 0093 13 722179
372219	19 mm	3/8" ■		3	4 0093 13 722193

PROFI sockets 1/2"



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

Art.-No.	Dimensions Ø	Drive			Barcode
1/2" drive ■					
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	



PROFI bit sockets



CrV steel, matt chrome plated

Art.-No.	Dimensions No.	Drive		Shape			Barcode
⊕ Cross / Phillips							
371701	Nr. 1	1/4" ■	37 mm	⊕		3	
371702	Nr. 2	1/4" ■	37 mm	⊕		3	



PROFI bit sockets



CrV steel, matt chrome plated



Art.-No.	Dimensions No.	Drive		Shape			Barcode
⊕ Pozidriv							
371801	Nr. 1	1/4"	■	37 mm	⊕		3 4 0093 13 7180 11
371802	Nr. 2	1/4"	■	37 mm	⊕		3 4 0093 13 7180 28

PROFI bit sockets



CrV steel, matt chrome plated



Art.-No.	Dimensions No.	Drive		Shape			Barcode
⊗ T							
372010	T 10	1/4"	■	37 mm	⊗		3 4 0093 13 7201 06
372015	T 15	1/4"	■	37 mm	⊗		3 4 0093 13 7201 51
372020	T 20	1/4"	■	37 mm	⊗		3 4 0093 13 7202 05
372025	T 25	1/4"	■	37 mm	⊗		3 4 0093 13 7202 50
372030	T 30	1/4"	■	37 mm	⊗		3 4 0093 13 7203 04
372040	T 40	1/4"	■	37 mm	⊗		3 4 0093 13 7204 03

PROFI bit sockets



CrV steel, matt chrome plated



Art.-No.	Dimensions No.	Drive		Shape			Barcode
⊗ T							
372540	T 40	3/8"	■	48 mm	⊗		3 4 0093 13 7254 08
372545	T 45	3/8"	■	48 mm	⊗		3 4 0093 13 7254 53
372550	T 50	3/8"	■	48 mm	⊗		3 4 0093 13 7255 07

PROFI bit sockets



CrV steel, matt chrome plated

Art.-No.	Dimensions No.	Drive		Shape			Barcode
● Hexagon							
372706	6 mm	3/8"	48 mm	●		3	4 009313 727068
372708	8 mm	3/8"	48 mm	●		3	4 009313 727082
372710	10 mm	3/8"	48 mm	●		3	4 009313 727105
372712	12 mm	3/8"	48 mm	●		3	4 009313 727129



PROFI bit sockets



CrV steel, matt chrome plated

Art.-No.	Dimensions No.	Drive		Shape			Barcode
● Hexagon							
372806	6 mm	3/8"	126 mm	●		3	4 009313 728065
372808	8 mm	3/8"	126 mm	●		3	4 009313 728089
372810	10 mm	3/8"	126 mm	●		3	4 009313 728102
372812	12 mm	3/8"	126 mm	●		3	4 009313 728126



PROFI bit sockets



CrV steel, matt chrome plated

Art.-No.	Dimensions No.	Drive		Shape			Barcode
⊕ T							
372640	T 40	1/2"	48 mm	⊕		3	4 009313 726405
372645	T 45	1/2"	48 mm	⊕		3	4 009313 726450
372650	T 50	1/2"	48 mm	⊕		3	4 009313 726504



PROFI reversible ratchet



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.	Drive			Barcode
372140	1/4" ■		2	
372240	3/8" ■		2	
372340	1/2" ■		1	

PROFI reversible ratchet, swivel head



CrV steel, ratchet, switchable right/left rotation, ball retention with quick-release button, swivel head adjustable vertical to 180°, matt chrome plated, with non-slip 2-component grip for optimal power transfer and fatigue-free working

Art.-No.	Drive			Barcode
372239	3/8" ■		1	
372339	1/2" ■		1	

PROFI reversible ratchet, standard



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

Art.-No.	Drive			Barcode
372160	1/4" ■		2	
372260	3/8" ■		2	
372360	1/2" ■		2	

PROFI nut spinner with 1/4" hexagon drive



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.	Drive			Barcode
372150	1/4" ■		3	

PROFI universal joint



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

Art.-No.	Drive			Barcode
372145	1/4" ■		3	
372245	3/8" ■		3	
372345	1/2" ■		2	



PROFI extension



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

Art.-No.	Dimensions Ø	Drive			Barcode
372152	50 mm	1/4" ■		3	
372253	75 mm	3/8" ■		3	
372355	125 mm	1/2" ■		3	
372356	250 mm	1/2" ■		3	



PROFI spark plug socket



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

Art.-No.	Dimensions	Drive			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	



PROFI reducer



CrV steel, matt chrome plated

Art.-No.	Drive	Shape			Barcode
372143	1/4" ■	Inside 1/4" ■ Outside 1/4" ○		3	
372242	3/8" ■	Inside 3/8" ■ Outside 1/4" ■		3	
372342	1/2" ■	Inside 1/2" ■ Outside 3/8" ■		3	



Screw extractors, 5pc.



CrV steel, for removing snapped screws, bolts and rivets

Art.-No.	Size	Screws			Barcode
444300	Nr. 1	3 - 6,5 mm		2	
	Nr. 2	6,5 - 8 mm			
	Nr. 3	8 - 11 mm			
	Nr. 4	11 - 14 mm			
	Nr. 5	14 - 20 mm			



Hand taps, 3pc.



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.			Size		By steps			Barcode
443303	11 mm	40 mm	M 3	3,5 mm	0,5		2	
443304	13 mm	45 mm	M 4	4,5 mm	0,7		2	
443305	16 mm	48 mm	M 5	6 mm	0,8		2	
443306	19 mm	50 mm	M 6	6 mm	1		2	
443308	22 mm	56 mm	M 8	6 mm	1,25		2	
443310	24 mm	70 mm	M 10	7 mm	1,5		2	
443312	29 mm	75 mm	M 12	9 mm	1,75		2	



One-cut taps



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

Art.-No.		Size		By steps			Barcode
443003	12 mm	M 3	3,5 mm	0,5		3	
443004	14 mm	M 4	4,5 mm	0,7		3	
443005	16 mm	M 5	6 mm	0,8		3	
443006	18 mm	M 6	6 mm	1		3	
443008	22 mm	M 8	6 mm	1,25		3	
443010	25 mm	M 10	7 mm	1,5		3	
443012	29 mm	M 12	9 mm	1,75		3	



Threading tools

Circular dies



DIN352, HSS, ground threads, 9mm thick, for hand use with die holders 25 x 9mm

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



Adjustable tap wrench



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

Art.-No.	for	Length	Number			Barcode
443920	Taps M1 - 12	215 mm	1 1/2		2	4 009314 439205
443930	Taps M 4 - 12	280 mm	2		2	4 009314 439304



Ratchet tap wrench



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

Art.-No.	for	Length	Number			Barcode
443810	Taps M3 - 10	85 mm	1		1	4 009314 438109
443820	Taps M 5 - 12	110 mm	2		1	4 009314 438208



Die holder



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

Art.-No.	for dies	Length			Barcode
444930	M 1 - 12	224 mm		2	4 009314 449303







...always the right tool!

PROFI tap and die set, 31pc.



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





Art.-No.	Contents			Barcode
442800	7 3pc. Tap sets		1	 4 0093 14 428001
	M3 / M4 / M5 / M6 / M8 / M10 / M12			
	7 Dies			
	M3 / M4 / M5 / M6 / M8 / M10 / M12			
	1 Tap wrench No. 1 1/2			
	1 Die holder 25 x 9 mm			
	1 Screwdriver			



Tap and die set, 20pc.



In plastic cassette

Art.-No.	Contents			Barcode
445100	9 Taps		1	 4 0093 14 451009
	M3 / M4 / M5 / M6 / M7 / M8 / M9 / M10 / M12			
	9 Dies			
	M3 / M4 / M5 / M6 / M7			
	M8 / M9 / M10 / M12			
	1 Tap wrench DIN 1814, 1/16" / 1/2"			
	M 3 - M 12			
	1 Die holder DIN 223, M 25, 1"			



Chisels / Punches

Centre punch



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

Art.-No.	Length			Barcode
318000	120 mm		2	



Parallel pin punch



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

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



Taper punches



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

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



Flat chisels



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	
318426	250 mm		2	
318431	300 mm		2	
318441	400 mm		2	



Bolster chisel, jointing chisel



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



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

Point chisel



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

Slitting chisel



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



Art.-No.	Working width	Length			Barcode
318626	26 mm	240 mm		2	4 009313 186261

Electrician's chisel



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







Art.-No.	Working width	Length			Barcode
318726	12 mm	250 mm		1	4 009313 187268

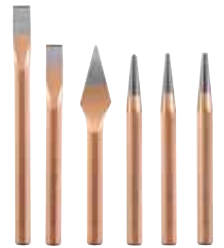
Chisels / Punches

Chisel and punch set, 6pc.



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


Art.-No.	Contents			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		1	 4 009313 189163



Flat chisels with hand protection



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	 4 009319 204303



Point chisel with hand protection



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	 4 009319 206307



Hand protector for chisels



Rubber, for oval and octagonal chisels

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



...always the right tool!

Wad punch set (hollow cutters) 9pc.



Hardened steel, lower edges ground, with side ejection holes, ground hole edges, for punching holes in leather, rubber, card, paper, fabrics and textiles

















Art.-No.	Contents	Length			Barcode
317600	Ø 2.5, 3, 4, 5, 6, 7, 8, 9, 10	85 - 95 mm		1	 4 009313 176002



Wad punches



to DIN 7200, with hardened and tempered cutter to HV 480 up to 558 kp/mm² (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			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



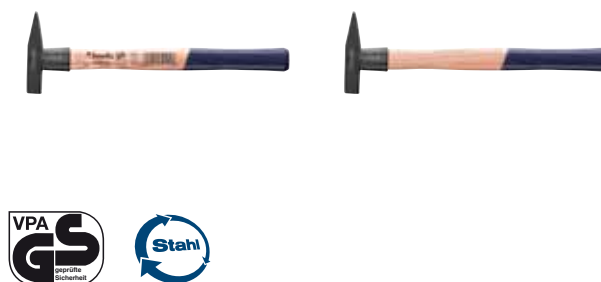
Hammers

Engineer's hammer, ash shaft



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

Art.-No.	Weight			Barcode
450911	100 g		2	
450912	200 g		2	
450913	300 g		2	
450914	400 g		2	
450915	500 g		2	
450918	800 g		2	
450920	1000 g		2	



Engineer's hammer, hickory shaft



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

Art.-No.	Weight			Barcode
450811	100 g		3	
450812	200 g		3	
450813	300 g		3	
450814	400 g		3	
450815	500 g		2	
450818	800 g		2	



Engineer's hammer, fibreglass shaft



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	
447305	500 g		2	



Hammer shaft



Ash wood, waxed



Art.-No.	Weight	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



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	

Roofer's hammer, fibreglass shaft



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	

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



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

Hammers

Claw hammer, wooden shaft



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	



Mason's hammer, Rhine pattern



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

Art.-No.	Weight			Barcode
446406	600 g		2	



Mason's hammer shaft



Hickory wood shaft, shaped




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



Mason's hammer, Berlin pattern



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	



...always the right tool!

Mason's hammer, Rhine pattern

★★★★★

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 0093 14 468168

Kitchen hatchet

★★★★★

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 0093 14 470161

Plasterer's hatchet

★★★★★

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



Art.-No.	Weight			Barcode
447026	600 g		2	4 0093 14 470260

Lump hammer, ash shaft

★★★★★

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



Art.-No.	Weight			Barcode
449110	1000 g		2	4 0093 14 491104
449112	1250 g		2	4 0093 14 491128
449115	1500 g		2	4 0093 14 491159

Hammers

Rubber cover for lump hammers



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



Ash wood, curved, waxed

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



Paver's hammer, ash shaft



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

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



Log splitting maul, fibreglass shaft



Forged hammer- and splitting head, extra large striking face, with non-slip 2-component grip for optimal power transfer and fatigue-free working, for splitting wood and insertion of wedges

Art.-No.	Weight			Barcode
452730	3000 g		1	



...always the right tool!

Log splitting maul, wooden shaft

★★★★★

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



Art.-No.	Weight			Barcode
452830	3000 g		1	4 0093 14 5283 05



Log splitting maul shaft, fibreglass

★★★★★

Spare part for part no. 452830



Art.-No.	for	Length			Barcode
452870	5000 - 6000 g	900 mm		1	4 0093 14 5287 01



Sledge hammer, ash shaft

★★★★★

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



Art.-No.	Weight			Barcode
450030	3000 g		1	4 0093 14 5003 01
450055	5000 g		1	4 0093 14 5005 54



Shaft for sledge hammer

★★★★★

Ash wood, curved, spare part for part nos. 450030, 450055



Art.-No.	for	Length			Barcode
450160	3000 g	600 mm		5	4 0093 14 5016 05
450180	5000 + 6000 g	800 mm		2	4 0093 14 5018 03



Hammers

Plastic faced hammer, wooden shaft



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	4 009314 456646



Simplex soft-faced hammer, wooden shaft

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
447404	40 mm	Black		2	4 009314 474046
447406	60 mm	Black		2	4 009314 474060



Supercraft soft-faced hammer, wooden shaft

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	4 009314 475043



Rubber mallet, wooden shaft



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	4 009314 450200
445050	54 mm	Black		2	4 009314 450507
445060	65 mm	Black		2	4 009314 450606
445095	75 mm	Black		2	4 009314 450958



...always the right tool!

Wooden mallet

★★★★★

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



Art.-No.	Dimensions Ø			Barcode
445415	70 mm		2	4 009314 454154



Ring wedge set

★★★★★

Bright steel, tapered and stepped



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



Wooden wedges

★★★★★

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



Art.-No.	Size	Contents			Barcode
449710	45 (3 - 5 kg)	5		5	4 009314 497106



Horseshoe hammer wedges, 3pcs. assorted

★★★★★

Bright steel, for fitting and securing wooden shafts on axes, hatchets, mauls and sledge hammers



Art.-No.	Contents			Barcode
449410	2 / 3 / 4		1	4 009314 494105



A close-up photograph of a hand saw with a blue and red handle cutting through a piece of light-colored wood. The saw is positioned diagonally across the frame, with the blade visible and the handle being held by a hand. The wood is resting on a wooden workbench. In the background, there are other pieces of wood and a red pencil.

SAWS PLANES

Handsaws

Mitre saws

Gent saws

Fretsaws

Mitre boxes

Hacksaws

Tile saws

Planes

Saws / Planes



The advantages of 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 saws / planes



WOODPECKER handsaws

★★★★★

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 80



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 85



WOODPECKER carpenter's saws

★★★★★

Japan toothing, 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 82



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 86

Overview of pictograms for WOODPECKER saws



Japan toothing,
triple ground



Suitable for
specially fine cuts



Hardpoint teeth



Green wood



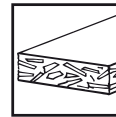
Push and
pull cutting



Flexible blade for
flush cutting



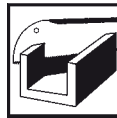
Protecflon®
coating prevents
binding



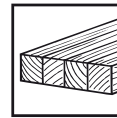
Particle board



Push cutting



Well suited for
mitre boxes



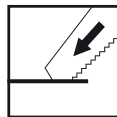
Blockboard



Plastic and plastic
coated laminates



Clustered teeth for
green and damp
wood



Push toothing



Construction
timber/solid wood



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 81



PROFI hacksaw

★★★★★

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

Page 89



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 88



Planes

★★★★★

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

Page 92

Garden saws



Bow saws, 535 mm, 610 mm, 760 mm

Quick tension lever and knuckle guard, for large cuts both on push- and pull stroke, hardpoint teeth.

For all garden sawing jobs, especially for damp wood

Art.-No. 302100 - 303000

Page 85



WOODPECKER-Pruning saw, 350 mm

For especially easy sawing, large cuts both on push- and pull stroke, hardpoint teeth, tubular plastic-coated handle. Ideal for use with a wooden handle extension.

For all pruning and garden jobs

Art.-No. 306935

Page 82

Fretsaws



Fretsaw frame, 285 mm

For flat and round fretsaw blades.

For thin veneer, softwood, plywood, hardboard

Art.-No. 316000

Page 85

Fuchsschwänze



WOODPECKER-Handsaws, 350 und 450 mm

2-component grip, pointed teeth for quick cutting on the push stroke.

For cutting boards, battens, studwork, fine and coarse fibreboard, PVC

Art.-No. 304335-304345

Page 80



WOODPECKER-handsaw with japan teeth, 400 mm

2-component grip, especially quick and easy cutting in hardwood and softwood on the push stroke.

Clean, quick cuts in boards, battens, studwork, fine and coarse fibreboard, PVC

Art.-No. 304109

Page 80

Mitre saws



WOODPECKER back or mitre saw, 350mm

Sturdy steel back for exact saw guidance, 2-component grip, fine pointed teeth for clean cuts on push- and pull stroke.

Specially for small pieces, mouldings and battens, ideal for mitre boxes

Art.-No. 304735

Page 81



PROFI mitre saw, 560mm cutting length

for cuts from 45° bis 90°

For quick, easy sawing of iron, copper and plastic pipes, battens

Art.-No. 307200

Page 86

Floorboard/veneer saw



WOODPECKER-floorboard saw, 320 mm

With toothed nose for easy plunge cutting, 2-component grip, clean cutting on the push stroke.

For thin veneer, MDF and hardboard

Art.-No. 304835

Page 81

Masonry saws



Lightweight block saw

17 of 34 teeth tungsten carbide tipped, with 700mm long extra thick, lacquered blade for low-vibration cutting on the push stroke.

For lightweight, aerated and hollow concrete blocks

Art.-No. 305873

Page 83

Compass saws



WOODPECKER compass saw, 300mm

With extra rigid saw blade and reinforced teeth, 2-component handle, universal teeth for medium cuts in dry wood on the push stroke.

For cutting out in boards and PVC

Art.-No. 304930

Page 81



Plasterboard saw/ padsaw

With universal teeth and wooden handle, 170mm, extra strong pointed teeth, for plunge cuts and cut-outs on the push stroke.

For plasterboard work and finishing

Art.-No. 307500

Page 84

Hacksaws for metal



Profi-hacksaw with bi-metal saw blade

Length 300mm, ergonomically shaped, rubber lined handle

quick sawing in all metals

Art.-No. 199600

Page 89



Hacksaw to DIN 6473

with bi-metal saw blade, length 300mm

quick sawing in all metals

Art.-No. 199700

Page 89



Universal saw handle

Can be used with hacksaw blades or reciprocating saw blades, including different lengths of hacksaw blades.

Rapid sawing in metal, dry and damp wood

Art.-No. 315800

Page 89

Pull saws / special saws



WOODPECKER carpenter's saw, 300mm or 270mm

especially thin and flexible blade for flush cutting, 2-component- or bamboo handle, easy sawing on the pull stroke in dry wood.

For cabinet work, dry wood, veneers and particle boards

Art.-No. 304514-304515

Page 82 - 83



WOODPECKER pull saw, 240mm

Teeth both sides, coarse and fine, especially thin and flexible blade, for flush-cutting, bamboo handle, easy sawing on the pull stroke in dry wood.

For cabinet work, dry wood, veneers and particle boards

Art.-No. 304615

Page 83

Hacksaws for sheet metal



Junior hacksaw with sturdy wooden handle

Length 150mm, spare blades available for metal or wood

For quick, easy sawing of iron, copper or aluminium pipes

Art.-No. 315200

Page 91



Junior hacksaw with sturdy plastic handle

Length 150mm, spare blades available for metal or wood

For quick, easy sawing of iron, copper or aluminium pipes

Art.-No. 315615

Page 91



Junior hacksaw with lacquered wooden handle

Length 150mm, spare blades available for metal or wood

For quick, easy sawing of iron, copper or aluminium pipes

Art.-No. 315500

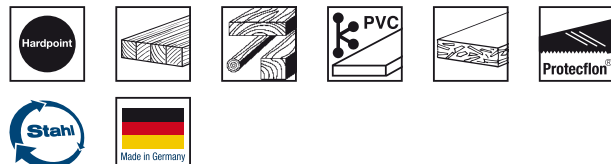
Page 91

...always the right tool!

WOODPECKER handsaw, low friction coating

★★★★★

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

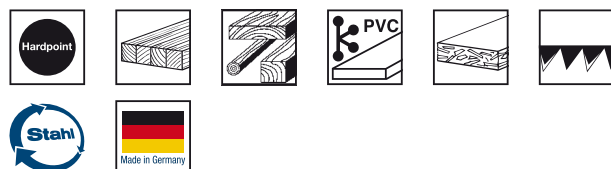







Art.-No.	Length	 inch/			Barcode
304245	450 mm	11"		1	 4 0093 13 042451

WOODPECKER handsaw

★★★★★

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

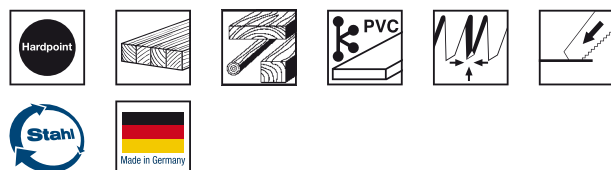


Art.-No.	Length	 inch/			Barcode
304335	350 mm	12"		1	 4 0093 13 043359
304345	450 mm	7"		1	 4 0093 13 043458

WOODPECKER handsaw, Japan tooth

★★★★★

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/			Barcode
304109	400 mm	9"		1	 4 0093 13 041096

WOODPECKER back saw



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



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



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






...always the right tool!

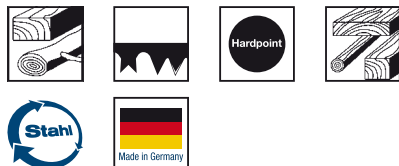
WOODPECKER pruning saw



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	 4 009313 069359



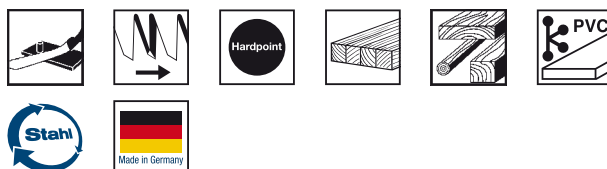
WOODPECKER carpenter's saw



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				Barcode
304514	300 mm	14"		1	 4 009313 045148



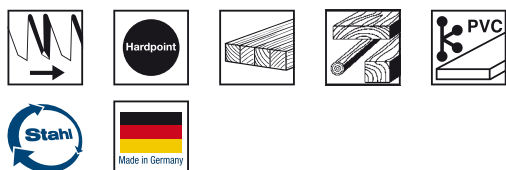
WOODPECKER pull saw



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				Barcode
304517	270 mm	15"		1	 4 009313 045179







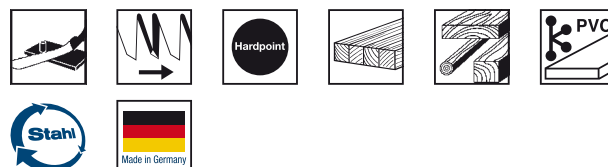
WOODPECKER handsaws

WOODPECKER carpenter's saw



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/°			Barcode
304515	270 mm	15°		1	

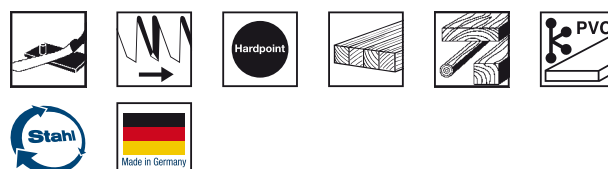


WOODPECKER carpenter's saw



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°, 15°		1	



Block saw



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	



Gent saw, straight



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
314425	250 mm	13"		2	



Gent saw, cranked



Cranked, 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
314525	250 mm	13"		2	



Gent saw, cranked, adjustable grip



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	 inch/			Barcode
314625	250 mm	13"		2	




Padsaw



Plasterboard saw with lacquered wooden handle, tapered blade, medium hardpoint teeth, for cut-outs, adjustments and holes in lightweight boards



Art.-No.	Length			Barcode
307500	170 mm		2	








Handsaws

Bow saws



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



Hardpoint teeth, peg toothing, for rapid cutting of solid, green and wet wood

Art.-No.	Length			Barcode
312100	530 mm		3	
312400	610 mm		3	
313000	760 mm		3	
313600	915 mm		3	



Fretsaw frame



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.	Throat depth			Barcode
316000	285 mm		2	



Fretsaw starter set, 7pc.



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.	Contents			Barcode
316110	Fretsaw frame 320 mm Plastic fretsaw table Clamp Ahle Awl with plastic handle Fretsaw blade key Fretsaw blades Fretsaw pattern		2	



Fretsaw table with clamp



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



Art.-No.	Size	Contents			Barcode
316220	210 x 65 x 10 mm	Fretsaw table with clamp		2	4 009313 162203

Fretsaw blades



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.	Shape	Size	Contents			Barcode
316302	flat	Nr. 2 (fine)	12 pieces		5	4 009313 163026
316304	flat	Nr. 4 (medium)	12 pieces		5	4 009313 163040
316306	flat	Nr. 6 (coarse)	12 pieces		5	4 009313 163064
316403	round	Nr. 3 (medium)	12 pieces		5	4 009313 164030

PROFI mitre saw



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
307200	560 mm		1	4 009313 072007

Mitre saw



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.



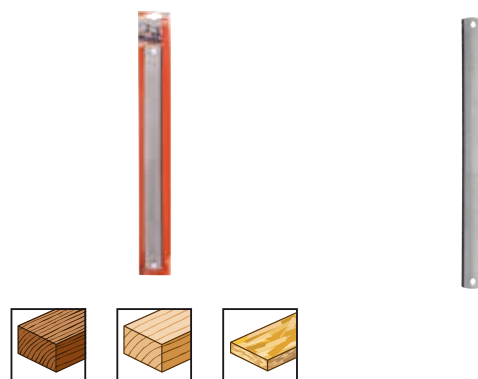
Art.-No.	Length			Barcode
307100	550 mm		1	4 009313 071000

Spare blade for mitre saws



Tips induction hardened, for woodworking

Art.-No.	for	Length			Barcode
307110	Part no. 307100	550 mm			

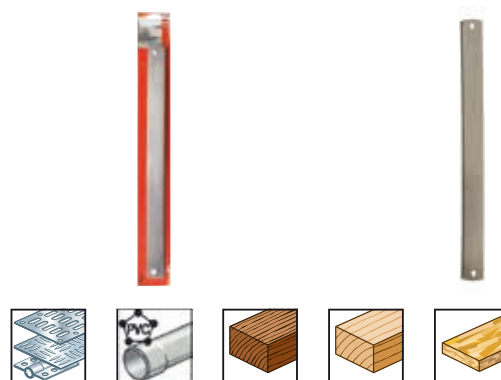


Spare blade for mitre saws, bi-metal



For metal- and woodworking

Art.-No.	for	Length			Barcode
307120	Part no. 307100	550 mm			



Laminate flooring cutter



For all leading types of parquet, laminate flooring and vinyl flooring. Clean, straight or 45° cuts without making dust or noise as you would with an electric saw. Replaceable HSS cutting blade. Maximum cutting width 220 x 16 mm or 150 x 20 mm, for 45° cuts max. 150 mm x 16 mm. With laser cutting guide (AAA batteries not included)

Art.-No.	Contents			Barcode
179000	Laminate flooring cutter			



Spare blade for laminate flooring cutter



HSS steel, ground, for laminate flooring cutter part no. 179000

Art.-No.	for			Barcode
179010	Part no. 179000			



Quality mitre box



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 - width - height			Barcode
311026	240 x 55 x 40 mm		2	
311031	300 x 70 x 65 mm		2	
311035	400 x 100 x 50 mm		1	

Precision mitre box



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 - width - height			Barcode
311125	250 x 55 x 40 mm		1	

Mitre box set



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 folding rule and carpenter's pencil



Art.-No.	Contents			Barcode
311722	Mitre box 240 x 55 x 40 Gent saw, straight 250 mm Folding wooden rule 2 m Carpenter's pencil		2	

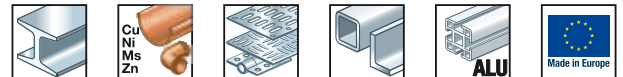
Hacksaws

PROFI hacksaw



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 4 009311 996008

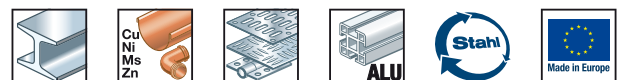


PROFI hacksaw



Beechwood handle, with HSS saw blade for ferrous and non-ferrous metals

Art.-No.	Length			Barcode
199700	300 mm			2 4 009311 997005



Multi-purpose saw handle



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			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			6 4 009313 158008



Hacksaws



With bi-metal hacksaw blade, ergonomically shaped grip, for standard 300mm blades

Art.-No.	Length			Barcode
315300	300 mm			3 4 009313 153003



Tungsten carbide rod saw MULTI CUT



Tungsten carbide gritted, for fine and curved cuts in glass/crystal, stone, wall and floor tiles

Art.-No.	Contents	Length			Barcode
189202	1	300 mm		2	4 009311 892027
189101	1	150 mm for carbide tile saw		2	4 009311 891013

Tungsten carbide tile saw



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.	Throat depth	for	Length			Barcode
315700	130 mm	Saw blade 189101/11	150 mm		2	4 009313 157001

Hacksaw blade, HSS flexible



For hacksaw frames, for steel, iron, sheet metal, tool steel, brass, bronze, aluminium and non-ferrous metal

Art.-No.	Contents	Length			Barcode
187210	2	300 mm	18"	3	4 009311 872104
187220	2	300 mm	24"	3	4 009311 872203
187230	2	300 mm	32"	3	4 009311 872302

Hacksaw blade, HSS bi-metal



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.	Contents	Length			Barcode
188010	2	300 mm	18"	3	4 009311 880109
188020	2	300 mm	24"	3	4 009311 880208
188030	2	300 mm	32"	3	4 009311 880307

Hacksaws

Hacksaw frame



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			4 009313 156158



Hacksaw frame



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			4 009313 152006



Multi-purpose saw



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			4 009313 155007



Junior hacksaw blade



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.	Application	for	Cont-ents	Length			Barcode
315105	Metal	Part no. 3152-3156-3155-	5	146 mm			4 009313 151054
315115	Wood	Part no. 3152-3156-3155-	5	146 mm			4 009313 151153



Double blade plane



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.	Width	Length			Barcode
921548	48 mm	240 mm		1	4 009319 215484



Mini plane



With simple 40mm iron, beechwood, handguard, with push-button, for planing small surfaces, for all woods and laminates



Art.-No.	Width	Length			Barcode
921600	40 mm	180 mm		1	4 009319 216009



Rebating plane



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.	Width	Length			Barcode
921730	30 mm	240 mm		1	4 009319 217303



Hobby plane



With 5 blades, ground both sides, sole plate ground. 3-fold blade installation angles, for balsawood and softwood

Art.-No.	Width	Length			Barcode
921400	45 mm	130 mm		1	4 009319 214005



Spare blades for hobby plane



Steel, ground both sides, for softwood

Art.-No.	for			Barcode
921464	Part no. 921400		3	4 009319 214647



Universal plane



With 44mm 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.	Width	Length			Barcode
921944	44 mm	235 mm		1	4 009319 219444



Spare blades for universal plane



Bright steel, hardened

Art.-No.	for			Barcode
921964	Part no. 921944		3	4 009319 219642



Surface rasp plane



Surface rasp plane, die-cast aluminium body, with SK 2 steel rasp blade for wooden boards, fibreboard and particle board, plaster, rubber and rigid foam materials

Art.-No.	Width	Length			Barcode
484300	40 mm	140 mm		2	4 009314 843002

Spare blade for surface rasp plane



Spare blades for surface rasp plane, SK 2 steel

Art.-No.	for			Barcode
484310	Part no. 484300		2	4 009314 843101

Surface rasp plane



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.	Width	Length			Barcode
484400	40 mm	250 mm		1	4 009314 844009

Spare blade for surface rasp plane



Spare blades for surface rasp plane, SK 2 steel

Art.-No.	for			Barcode
484410	Part no. 484400		2	4 009314 844108

Planes

Edge plane for plasterboard



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	



Spare blades for edge plane



3 blades, square, ground both sides, for edge plane 185000

Art.-No.	for	Contents			Barcode
185010	Part no. 185000	3		3	



...always the right tool!



KNIVES

Knife blades

Wood chisels

Files

Rasps

Axes

Hatchets

Knives



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



Autolock knives with autoload function

★★★★

With blade breaker, with autoload function for automatic reloading from the blade magazine, with autolock function for automatic locking, 2-component plastic housing with non-slip grip surfaces.

Page 100



PROFI knives with autolock function

★★★★★

With snap-off blade, with autolock function for automatic locking, nicely weighted, heavy duty die-cast zinc housing.

Page 100



PROFI trimming knife

★★★★★

Heavy duty construction with die-cast zinc housing, ergonomically shaped, for optimal power transfer and fatigue-free working.

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kwb tip



Snap off blades safely

With the removeable cap from the end of the knife, blades can be safely snapped off.

Knife blades- which spare blades fit which knife?

Art.-No.	Page	Description	Snap-off blades				Trimming knife blades					Insulation blades	
			Art.-No. 022910	Art.-No. 023305	Art.-No. 023311	Art.-No. 023505	Art.-No. 024305	Art.-No. 024105	Art.-No. 022805	Art.-No. 024205	Art.-No. 022905	Art.-No. 024700	Art.-No. 024720
			95 x 9 mm	108 x 18 mm	108 x 18 mm	126 x 25 mm	52 x 19 mm	52 x 19 mm	60 x 19 mm	52 x 19 mm	60 x 19 mm	140 mm	220 mm
014000	100	Autolock knife with autolock function	x										
014100	100	Autolock knife with autolock function		x	x								
015500	100	PROFI knife with autolock function	x										
015100	100	PROFI knife with autolock function		x	x								
015600	101	PROFI autolock knife extra heavy duty				x							
014809	101	Stainless steel snap-off blade knife	x										
015000	101	PROFI universal knife					x	x	x	x			
015300	101	PROFI trimming knife						x	x	x			
013600	102	Trimming knife with autolock function						x	x	x			
016900	102	Universal knife									x		
015200	103	PROFI safety knife					x	x	x	x			
015400	103	PROFI trimming knife					x	x	x	x			
013700	103	Trimming knife					x	x	x	x			
015700	104	PROFI insulation knife										x	x
013900	105	Window scraper						x	x	x			

Range overview wood chisels, files, rasps, clamping tools, axes and hatchets



Wood chisels

CrV steel, extra sharp ground, beechwood handle.

★★★★★

Page 109



Files and rasps

For sharpening and deburring, working on radii, filing half-round profiles, chamfering, for woodworking, with 2-component grip for optimal power transfer and non-slip working.

★★★★★

Page 110 - 113



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.

★★★★★

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Axes and hatchets

Easy and efficient working, for general use in forestry, agriculture, private woodland or garden.

★★★★★

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Autolock knife with auto-load function



With 6 snap-off blades 9mm, metal blade guide, auto-load function, easy removal of used blades and automatic re-loading of new blades, auto-lock function, automatic locking for safe working, 2-component plastic housing with non-slip ridges on the handle

Art.-No.	Blade			Barcode
014000	022910 - 9 mm		5	4 0093 10 140006

Autolock knife with auto-load function



With 6 snap-off blades 18mm, metal blade guide, auto-load function, easy removal of used blades and automatic re-loading of new blades, auto-lock function, automatic locking for safe working, 2-component plastic housing with non-slip ridges on the handle

Art.-No.	Blade			Barcode
014100	023311/05 - 18 mm		2	4 0093 10 141003

Autolock knife with auto-load function



With 6 snap-off blades 18mm, metal blade guide, auto-load function, easy removal of used blades and automatic re-loading of new blades, auto-lock function, automatic locking for safe working, 2-component plastic housing with non-slip ridges on the handle, in counter display carton

Art.-No.	Blade			Barcode
014111	023311/05 - 18 mm		Z 30	4 0093 10 141119

PROFI knife with auto-lock function



With 9mm snap-off blade, with auto-lock function: automatic locking for safe working, nicely weighted, sturdy die-cast zinc housing, with blade breaker in handle

Art.-No.	Blade			Barcode
015500	022910 - 9 mm		2	4 0093 10 155000

PROFI knife with auto-lock function



With 18mm snap-off blade, with auto-lock function: automatic locking for safe working, nicely weighted, sturdy die-cast zinc housing, with blade breaker in handle

Art.-No.	Blade			Barcode
015100	023311/05 - 18 mm		2	4 0093 10 151002

PROFI auto-lock knife, heavy duty, with auto-load function



With 25mm snap-off blade, metal blade guide, auto-load function, easy removal of used blades and automatic re-loading of new blades, auto-lock function, automatic locking for safe working, 2-component plastic housing with non-slip ridges on the handle

Art.-No.	Blade			Barcode
015600	023505 - 25 mm		2	4 009310 156007



Stainless steel snap-off blade knife



With 9mm snap-off blade, with auto-lock function: automatic locking for safe working, automatic blade stop and blade breaker on belt clip

Art.-No.	Blade/ Width			Barcode
014809	9 mm		5	4 009310 148095



PROFI multi-purpose knife



can be used either as a cutter or scraper, with trimming knife blade, cast zinc housing, ergonomically shaped, optimally weighted, blade storage inside housing

Art.-No.	Blade			Barcode
015000	022805 / 024105 / 024205 / 024305		2	4 009310 150005



PROFI trapezium blade knife



With 5 trimming knife blades in handle, heavy duty with cast zinc body, ergonomically shaped for optimal power transfer and fatigue-free working

Art.-No.	Blade			Barcode
015300	022805 / 024305		8	4 009310 153006



...always the right tool!

Trimming knife with auto-load function

★★★★★



With 5 blades, auto-load function, easy removal of used blades and automatic re-loading of new blades, sturdy die-cast housing, carabiner hook for belt fastening

Art.-No.	Blade			Barcode
013600	022805 / 024305		Z 16	4 009310 136009

Multi-purpose twin-blade knife

★★★★★



Extra sharp pocket knife with pen-knife blade and replaceable trimming knife blade, safe locking, nicely weighted, sturdy metal housing, with handy belt clip, 5 spare blades included

Art.-No.	Contents			Barcode
016900	Multi-purpose knife incl. 5 spare trimming knife blades		6	4 009310 169007



Multi-purpose twin-blade knife

★★★★★



Extra sharp pocket knife with pen-knife blade and replaceable trimming knife blade, safe locking, nicely weighted, sturdy metal housing, with handy belt clip, in counter display carton

Art.-No.	Blade			Barcode
016911	024305		Z 16	4 009310 169113



Rescue knife with red aluminium handle

★★★★★



professional tool, ideal for escape in the event of a car accident, with 9cm long razor-sharp folding blade made from high grade 440 A steel, safe blade locking, glass breaker, seat belt cutter, belt clip and inlaid plaque with Fire Service logo

Art.-No.	Blade			Barcode
014700	Folding blade		1	4 009310 147005



Leisure knife with bits



Contemporary leisure knife with 8cm long extra-sharp blade, with saw teeth, safe blade locking, folding bit holder with measuring scale in mm and inch, with 4 CrV steel bits, PH1, PH2, PZ1, slotted 4mm, with handy belt clip and bottle opener

Art.-No.	Contents			Barcode
016600	with 4 Bits PH1, PH2, PZ1, Flat 4		Z 16	4 009310 166006



PROFI safety knife



with trimming knife blade, extendable blade with spring-loaded retraction, blade automatically retracts at the end of the cut, no danger of injury from protruding blade, die-cast zinc housing

Art.-No.	Blade			Barcode
015200	022805 / 024105 / 024205 / 024305		2	4 009310 152009



PROFI trimming knife



With fixed trimming knife blade, in holster with belt clip, ergonomically shaped for optimal power transfer and fatigue-free working, nicely weighted, blade storage inside housing, die-cast zinc housing

Art.-No.	Blade			Barcode
015400	022805 / 024105 / 024205 / 024305		2	4 009310 154003



Trimming knife



with trimming knife blade, die-cast zinc housing

Art.-No.	Blade			Barcode
013700	024105 / 024205		5	4 009310 137006



PROFI insulation knife



With 140mm insulation cutting blade, die-cast zinc housing, the insulation cutting blade is suitable for cutting fibreglass based and other types of insulation and foam for example Styropor

Art.-No.	Blade			Barcode
015700	024700 - 140 mm 024720 - 220 mm		2	4 0093 10 157004



Insulation knife



Extra long blade, 270mm, with serrated edge, wooden handle

Art.-No.	Dimensions			Barcode
015930	270 mm		2	4 0093 10 159305



Plasterboard knife



Curved, ground blade, foldable, wooden handle, for cutting plasterboard. Fermacell and lightweight building materials

Art.-No.	Blade			Barcode
029000	75 mm		2	4 0093 10 290008



Cable knife



polished blade with insulation stripping hook, foldable, wooden handle

Art.-No.	Length			Barcode
025500	90 mm		2	4 0093 10 255007



Knives

Putty knife



Flexible blade, conical ground, 2 cutting edges with wooden handle, for removing putty and filler





Art.-No.	Blade			Barcode
029010	95 mm		6	



Window scraper



with trimming knife blade, extendable, for cleaning window panes, ceramic hobs etc.

Art.-No.	Blade			Barcode
013900	022805 / 024105/ 024205		5	



Snap-off blades, narrow, 9mm



10 blades, high carbon steel, ice hardened, bright, in plastic dispenser box, safe blade handling

Art.-No.	Dimensions	for	Contents			Barcode
022910	95 x 9 mm	Part no. 014000, 015500	10		5	 4 0093 10 229107



Snap-off blades, broad, 18mm



5 blades, high carbon steel, ice hardened, bright, in plastic dispenser box (Part no. 023305), safe blade handling

Art.-No.	Dimensions	for	Contents			Barcode
023311	108 x 18 mm	Part no. 014100, 015100	5		10	 4 0093 10 233111
023305	108 x 18 mm	Part no. 014100, 015100	5		5	 4 0093 10 233050



Snap-off blades, extra-broad, 25mm



5 blades, high carbon steel, ice hardened, bright, in plastic dispenser box, safe blade handling

Art.-No.	Dimensions	for	Contents			Barcode
023505	126 x 25 mm	Part no. 015600	5		5	 4 0093 10 235054



Hooked trimming knife blades



High carbon steel, ice hardened, bright, in plastic dispenser box, safe blade handling, especially for trimming carpets and removing cable insulation

Art.-No.	Dimensions	for	Contents	Blade thickness			Barcode
024305	52 x 19 mm	Part no. 015000, 015200, 015400, 013700	5	0,5 mm		5	 4 0093 10 243059



Knife blades

Trimming knife blades



High carbon steel, ice hardened, bright, in plastic dispenser box, safe blade handling

Art.-No.	Dimensions	for	Cont-ents	Blade thickness			Barcode
024105	52 x 19 mm	Part no. 015000, 015200, 015400, 013700	5	0,5 mm			



Trimming knife blades, hollow ground



High carbon steel, ice hardened, bright, in plastic dispenser box, safe blade handling

Art.-No.	Dimensions	for	Cont-ents	Blade thickness			Barcode
024205	52 x 19 mm	Part no. 015000, 015200, 015400, 013700	5	0,5 mm			



Trimming knife blades



High carbon steel, ice hardened, bright, in plastic dispenser box, safe blade handling

Art.-No.	Dimensions	for	Cont-ents	Blade thickness			Barcode
022805	60 x 19 mm	Part no. 015000, 015200, 015400, 013700	5	0,6 mm			



Trimming knife blades



High carbon steel, ice hardened, bright, in plastic dispenser box, safe blade handling

Art.-No.	Dimensions	for	Cont-ents	Blade thickness			Barcode
022905	60 x 19 mm	Part no. 016911	5	0,6 mm			



Insulation knife blades



Swedish steel, ice hardened, for insulation and foam materials eg. Styropor



Art.-No.	for	Contents	Length			Barcode
024700	Part no. 015700	3	140 mm		5	4 009310 247002
024720	Part no. 015700	1	220 mm		2	4 009310 247200

Blades for graphics knife



High carbon steel, reversible



Art.-No.	Dimensions	Contents			Barcode
023700	44 x 6 mm	20		3	4 009310 237003

Laminate edge trimmer



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.	Contents			Barcode
020300	with 2 trimming blades and 4 bevel blades		1	4 009310 203008

Spare blade set



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

Art.-No.	for			Barcode
020310	Part no. 020300		2	4 009310 203107



Wood chisels

Wood chisel



CrV steel, ground extra sharp, red beechwood handle

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



Wood chisel set, 3pc.



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

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



Files

Multi-fluted cutting tools made from high quality hardened alloyed tool steel, for removing material from workpieces. Files are mainly used in mechanical engineering, toolmaking, casting and modelmaking for sharpening and deburring. They come in a variety of profiles and cutting grades for a range of uses.

Rasps

Rasps made from high quality hardened alloyed tool steel are mostly used for rough shaping of wood, but leather, plastic, gypsum, marble and soft metals can also be worked with them.

Cutting grades and profiles

Cut:







The coarseness of a file or rasp is described by the cut number. The coarser a file or rasp, the more material will be removed.

No.1 cut = coarse/bastard, for rough preparation or grinding

No.2 cut = medium/second cut, for medium material removal

No.3 cut = fine/smooth, for finishing or minimal material removal

Profile:

		
Flat file Art.-No. 480310 Flat file / flat rasp Art.-No. 480510	Half round file Art.-No. 480320 Half round rasp Art.-No. 480420	Square file Art.-No. 480330
		
Round file Art.-No. 480340 Round rasp Art.-No. 480440	Three-square file Art.-No. 480350	Blade file Art.-No. 480380

Flat file



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.	Cut	Length			Barcode
480310	1	200 mm		2	



Half round file



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.	Cut	Length			Barcode
480320	1	200 mm		2	



Files / Rasps

Square file



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.	Cut	Length			Barcode
480330	1	200 mm		2	



Round file



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.	Cut	Length			Barcode
480340	1	200 mm		2	



Three-square file



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.	Cut	Length			Barcode
480350	2	200 mm		2	



Blade file



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.	Cut	Length			Barcode
480380	2	200 mm		2	



Half round rasp



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.	Cut	Length			Barcode
480420	1	200 mm		2	4 0093 14 804201



Round rasp



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

Art.-No.	Cut	Length			Barcode
480440	1	200 mm		2	4 0093 14 804409



Flat file/ rasp



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.	Cut	Length			Barcode
480510	1 + 2	200 mm		2	4 0093 14 805109



Files / Rasps

Chainsaw file, round

★★★★★

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	Cut	Length			Barcode
480640	4	3	150 mm		2	
480648	4,8	3	200 mm		2	



Saw file, thin

★★★★★

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.	Cut	Length			Barcode
480360	2	150 mm		2	



Saw file, extra thin

★★★★★

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.	Cut	Length			Barcode
480370	2	150 mm		2	



Warding file set, 6pc.

★★★★★

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

Art.-No.	Length			Barcode
926000	6 x 120 mm		2	



Gimlet set



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

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



Gimlet set



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

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



Hand wire brush



Steel wire, durable, securely fastened, with wooden handle, for cleaning and de-rusting, for wood and metal



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



Hand wire brush, stainless



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.	Working length	Length	Rows			Barcode
919930	140	290 mm	3		6	4 009319 199302
919940	140	290 mm	4		6	4 009319 199401
919950	140	290 mm	5		6	4 009319 199500






Hand wire brushes

Hand wire brush, brass



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




Art.-No.	Working length	Length	Rows			Barcode
922740	135	275 mm	4		3	



Spark plug brush



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



Art.-No.	Working length	Length	Rows			Barcode
922600	40	140 mm	3		5	



Render scratching float



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	



Hand countersink, carbon steel



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			Barcode
149500	12 mm		2	
149512	12 mm		2	



Spring clamps



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

Art.-No.	Contents	Length	Clamping width			Barcode
927540	4	90 mm	30 mm		2	4 0093 19 275402
927820	2	100 mm	40 mm		2	4 0093 19 278205
927910	1	150 mm	60 mm		2	4 0093 19 279103
928010	1	225 mm	80 mm		2	4 0093 19 280109

Spring clamps, mini



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

Art.-No.	Contents	Length	Clamping width			Barcode
927529	50	60 mm	20 mm		Z 50	4 0093 19 275297

Awning clamps



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

Art.-No.	Contents	Length	Clamping width			Barcode
927600	4	100 mm	35 mm		2	4 0093 19 276003
927700	2	150 mm	49 mm		2	4 0093 19 277000

QUICK clamp/ spreader



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




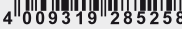
Art.-No.	Clamping + spreading capacity	Clamping throat			Barcode
928915	85 mm	150 mm		1	4 0093 19 289157
928930	85 mm	300 mm		1	4 0093 19 289300
928945	85 mm	450 mm		1	4 0093 19 289454
928960	85 mm	600 mm		1	4 0093 19 289607

Clamping tools

PROFI F-clamps, 50mm throat



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 + spreading capacity	Clamping throat			Barcode
928515	50 mm	150 mm		2	
928520	50 mm	200 mm		2	
928525	50 mm	250 mm		2	



PROFI F-clamps, 80mm throat



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 + spreading capacity	Clamping throat			Barcode
928820	80 mm	200 mm		1	
928825	80 mm	250 mm		1	
928830	80 mm	300 mm		1	
928850	80 mm	500 mm		1	

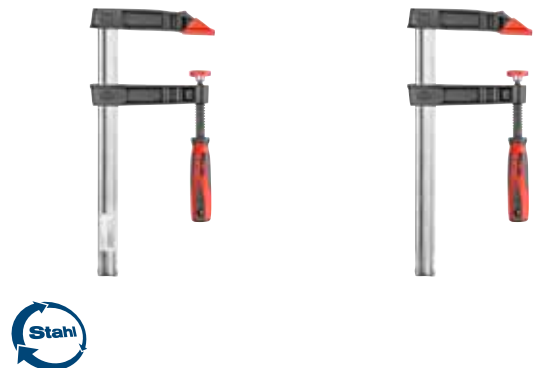


PROFI F-clamps, 120mm throat



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 + spreading capacity	Clamping throat			Barcode
929230	120 mm	300 mm		1	
929250	120 mm	500 mm		1	
929280	120 mm	800 mm		1	
929298	120 mm	1000 mm		1	



PROFI quick action clamps, wooden, throat 110mm



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 + spreading capacity	Clamping throat			Barcode
928420	110 mm	200 mm		2	
928430	110 mm	300 mm		2	
928440	110 mm	400 mm		2	
928460	110 mm	600 mm		2	



Corner vice



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 0093 19 833008

Precision machine vice



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	4 0093 17 777006
777008	80 mm	80 mm		1	4 0093 17 777008

Ball joint vice



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	4 0093 17 776900

Bench vice with anvil



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

Art.-No.	Clamping width			Barcode
776108	80 mm		1	4 0093 17 776108
776197	125 mm		1	4 0093 17 776197
776198	135 mm		1	4 0093 17 776198

Axes / Hatchets

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.

Art.-No.	Weight			Barcode
452918	800 g		2	



Hatchet



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





Art.-No.	Weight			Barcode
453118	800 g		2	



Hatchet shaft



Ash wood, cow-foot shape, waxed



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



Kitchen hatchet



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	



Plasterer's hatchet



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



Art.-No.	Weight			Barcode
447026	600 g		2	4 009314 470260



Axe



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.	Weight			Barcode
453322	1250 g		2	4 009314 533224



Axe



DIN 5131, 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.	Weight			Barcode
453224	1400 g		1	4 009314 532241
453226	1600 g		1	4 009314 532265



Axe shaft



Ash wood, cow-foot shape, waxed



Art.-No.	for			Barcode
453870	1250 g		2	4 009314 538700
453880	1400 + 1600 g		2	4 009314 538809
453890	1600 - 2000 g		5	4 009314 538908



Splitting axe



Ash wood handle, optimal for splitting large logs

Art.-No.	Weight			Barcode
453420	2000 g		1	4 009314 534207



Splitting axe shaft

Ash wood, waxed

Art.-No.	for			Barcode
453422	2000 g		5	4 009314 534221



Log splitting maul, wooden shaft



Forged hammer- and splitting head, extra large striking face, with non-slip 2-component grip for optimal power transfer and fatigue-free working, for splitting wood and insertion of wedges

Art.-No.	Weight			Barcode
452830	3000 g		1	4 009314 528305



Log splitting maul, fibreglass shaft

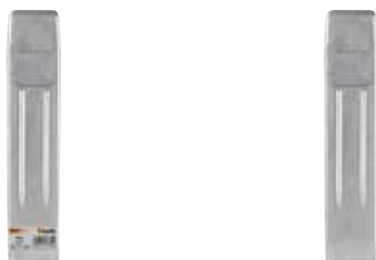


Forged hammer- and splitting head, extra large striking face, with non-slip 2-component grip for optimal power transfer and fatigue-free working, for splitting wood and insertion of wedges



Art.-No.	Weight			Barcode
452730	3000 g		1	4 009314 527308



Splitting wedge



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

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

Splitting wedge



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


Art.-No.	Weight			Barcode
453520	2000 g		2	 4 009314 535204



Rotatable splitting wedge



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

Art.-No.	Weight			Barcode
453510	2000 g		2	 4 009314 535105



Horseshoe hammer wedges, 3pcs. assorted



Bright steel, for fitting and securing wooden shafts on axes, hatchets, mauls and sledge hammers

Art.-No.	Contents			Barcode
449410	2 / 3 / 4		1	 4 009314 494105









Axes / Hatchets

Ring wedge set



Bright steel, tapered and stepped





Art.-No.	Dimensions	Contents			Barcode
449510	7 - 8 - 10 - 11 - 12 mm	5		5	
449520	13 - 15 - 16 - 18 mm	4		5	



Wooden wedges



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


Art.-No.	Size	Contents			Barcode
449710	45 (3 - 5 kg)	5		5	



Slasher



for tree pruning, bark removal, thinning, clearing undergrowth, with protective leather grip, ground cutting edge, otherwise natural black, extra sharp, hooked blade


Art.-No.	Blade			Barcode
452500	300 mm		2	



Bark stripper



Bright steel, ground and sharpened, 2 lacquered wood grips, for bark removal, twig stripping and cleaning of logs

Art.-No.	Blade			Barcode
452600	250 mm		2	



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

Art.-No.	Clamping width			Barcode
648600	180 mm		2	4 009316 486009



Lifting hooks 90° offset



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

Art.-No.	Weight			Barcode
648610	500 g		2	4 009316 486108



Lifting hooks straight

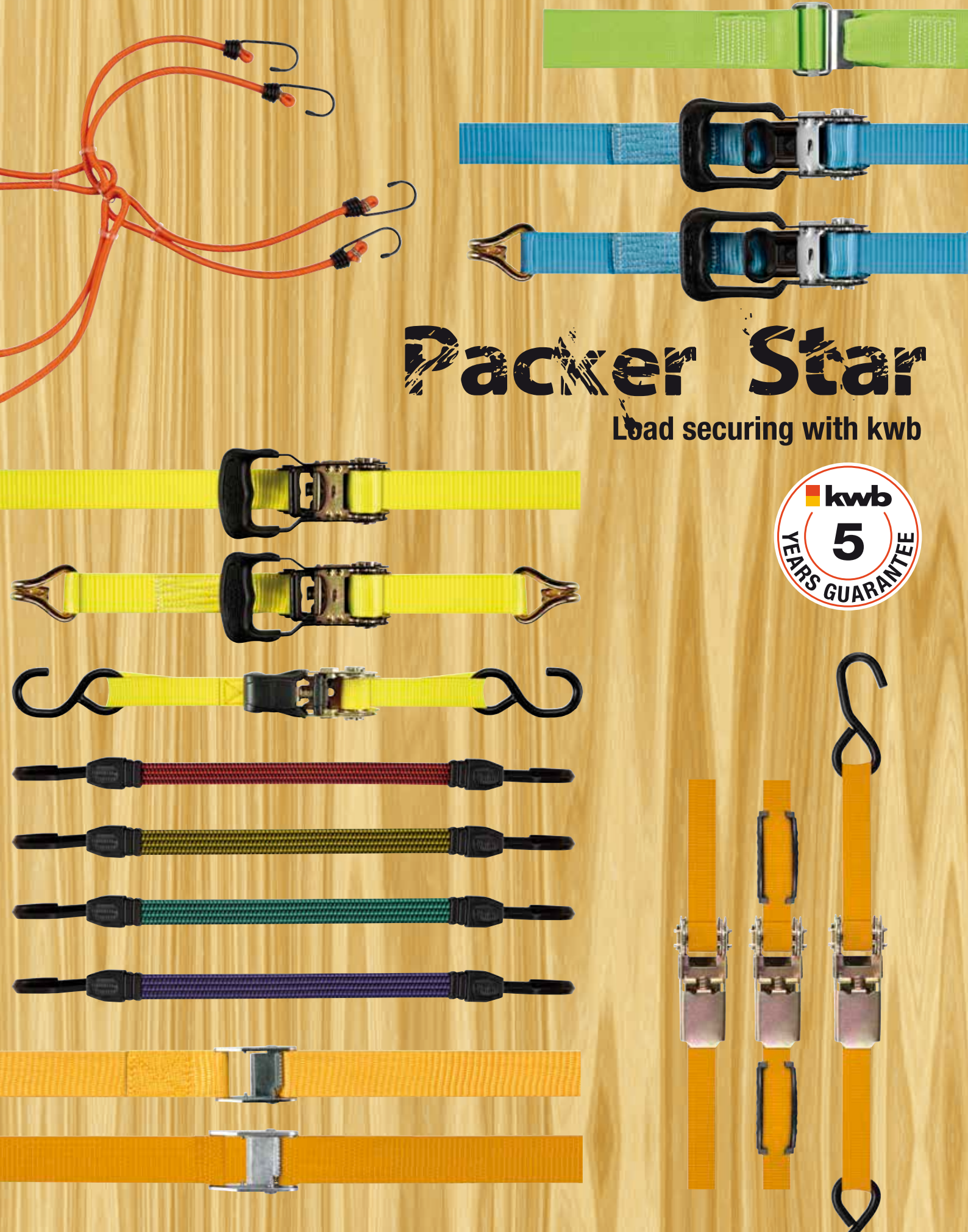


With ergonomically shaped plastic handle, made from special forged steel, avoids trapping hands between logs whilst handling them, and for safe lifting of logs

Art.-No.	Weight			Barcode
648620	300 g		2	4 009316 486207



Load securing with kwb







Load securing

Every load, whether in cars or large commercial vehicles must be secured.

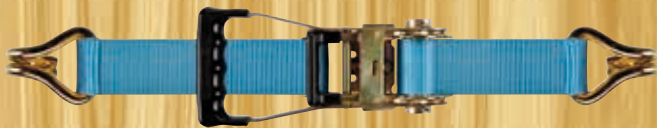
The Highway Code (StVO) § 22 requires: Every load must be secured so that in the event of avoidance manoeuvres or heavy braking, it cannot slip, overbalance, move back or forwards, or fall. The responsibility for securing the load always rests with the driver, the vehicle owner and the shipper. Violations of these regulations will result in a variety of punishments.

So that your load is safe and secure, kwb offers a wide range of durable cargo lashing products, mainly with polyester (PES) webbing.

For easy selection, kwb has divided the cargo lashing products range into four categories.

-  Green: Furniture moving straps, up to 150kg
-  Orange: smaller loads
from 200 daN (kg) to 245 daN (kg)
-  Yellow: medium to heavy load
from 420 daN (kg) to 1000 daN (kg)
-  Blue: Heavy to very heavy loads
from 2000 daN (kg) to 4000 daN (kg)

Range overview load securing products



Tie-downs with ratchet

★★★★★

Polyester webbing (PES), durable, plastic coated ratchet with easy unlocking, for lashing and securing heavy loads from 2000 to 4000kg on vans, trucks and trailers.

Page 128



Tie-downs with ratchet

★★★★

Polyester webbing (PES), durable, plastic coated ratchet with easy unlocking, for lashing and securing loads from 420 to 1000kg on light vans, cars and trailers.

Page 129 - 130



Tie-downs with friction cleat

★★★

Polypropylene (PP), durable, for lashing and securing loads from 200 to 245kg in cars, vans and roof boxes.

Page 130 - 131



Luggage straps

★★★

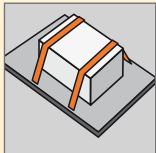
Luggage straps can be used for holding and securing lighter objects on bikes, in car boots and on roof racks.

Page 134



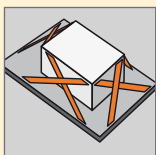
kwb-info: correct usage

Safer handling with tie-downs



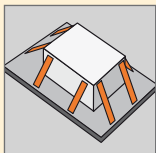
Lashing down (passive)

With lashing down, the load is pressed down on to the loading surface with a minimum of two straps. Care should be taken to ensure that the transport cartons are not crushed.



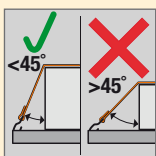
Diagonal lashing (positive)

With diagonal lashing a minimum of 4 straps are used all round the profile of the load, secured directly to the vehicle via lashing hooks or eyelets. In this case the tie-downs take all the forces of acceleration or braking acting on the load.



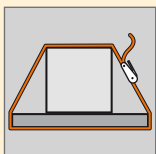
Inclined lashing (positive)

With inclined lashing a minimum of 8 straps are used acting at 90 degrees to all edges of the load, secured directly to the vehicle via lashing hooks or eyelets. In this case the tie-downs take all the forces of acceleration or braking acting on the load.



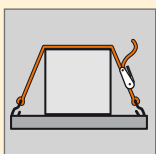
When lashing down, the angle of the straps to the load is important. The steeper the angle at which the load is lashed, the more secure the load. 45° is the critical point below which the load becomes progressively more likely to slip.

Single and two-part tie-downs



Single tie-down

A single part tie-down is exclusively used for load strapping, and does not come with any hooks.



Two-part tie down

A two-art tie-down always has two fixing hooks. Most have one strap with a hook, and another strap with a hook and a ratchet.

When a two-part tie-down is used, the loading surface must always have lashing hooks or eyelets to which the hooks can be fixed.

Different types of tie-downs (chains or made from artificial fibres) must not be used together on the same load.

Fixing points



Coated
S-hooks



Claw hooks



S-hooks

Care of tie-downs

Storage

Tie-downs must always be kept dry, well aired, and protected from weather or chemical attack.

Properties of tie-downs

- Corrosion and rot-resistant
- Very little moisture absorption (protected by impregnation)
- Abrasion resistant
- made from polyester fibres or polypropylene fibres

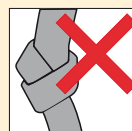
Regular inspection of tie-downs

Tie-downs must be regularly inspected for damage such as tears, cuts, notches and holes. There is no expiry date on tie-downs. With correct handling and care, tie-downs can have an extremely long service life.

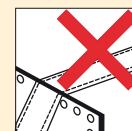
A tie-down must be taken out of use if:

- More than 10% of the webbing is destroyed
- If the seam stitching is damaged
- If the webbing has been damaged by high temperatures or exposure to chemicals
- If the rating label is missing
- If the ratchet or fixing points are damaged
- If the fixing hook has spread by more than 5%

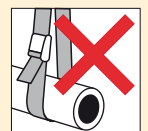
Situations to be avoided at all costs



Webbing must not be knotted



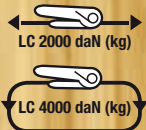
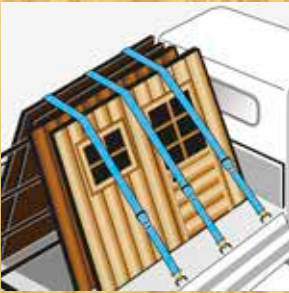
Webbing must not be allowed to lie against sharp edges







Tie-downs must not be used for lifting

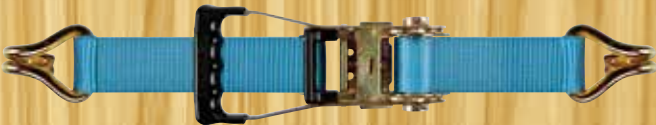
Caution: on long journeys it is advisable to check the load and the tie-downs from time to time, and tighten the tie-downs if necessary.

Tie down with high leverage ratchet and 2 hooks

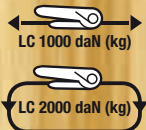
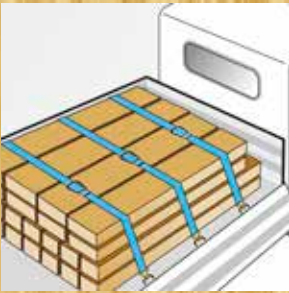


TÜV GS tested, polyester webbing (PES), durable, plastic coated ratchet for comfortable use, for lashing and securing of loads in cars, vans, trucks and roof boxes





Art.-No.	Webbing width	Webbing length	Contents			Barcode
773218	50 mm	8 m	1		2	



Tie down with high leverage ratchet and 2 hooks



TÜV GS tested, polyester webbing (PES), durable, plastic coated ratchet for comfortable use, for lashing and securing of loads in cars, vans, trucks and roof boxes







Art.-No.	Webbing width	Webbing length	Contents			Barcode
773216	35 mm	6 m	1		2	



Tie down with high leverage ratchet



TÜV GS tested, polyester webbing (PES), durable, plastic coated ratchet for comfortable use, for lashing and securing of loads in cars, vans, trucks and roof boxes

Art.-No.	Webbing width	Webbing length	Contents			Barcode
773016	35 mm	6 m	1		2	
773018	35 mm	8 m	1		2	



Tie down with high leverage ratchet



TÜV GS tested, polyester webbing (PES), durable, plastic coated ratchet for comfortable use, for lashing and securing of loads in cars, vans, trucks and roof boxes

Art.-No.	Webbing width	Webbing length	Contents			Barcode
772026	35 mm	6 m	2		2	4 009317 720263



LC 500 daN (kg)

LC 1000 daN (kg)



Tie down with high leverage ratchet and 2 hooks



TÜV GS tested, polyester webbing (PES), durable, plastic coated ratchet for comfortable use, for lashing and securing of loads in cars, vans, trucks and roof boxes

Art.-No.	Webbing width	Webbing length	Contents			Barcode
772226	35 mm	6 m	2		2	4 009317 722267



LC 500 daN (kg)

LC 1000 daN (kg)



Tie down with high leverage ratchet



TÜV GS tested, polyester webbing (PES), durable, plastic coated ratchet for comfortable use, for lashing and securing of loads in cars, vans, trucks and roof boxes

Art.-No.	Webbing width	Webbing length	Contents			Barcode
772025	25 mm	5 m	2		2	4 009317 720256



LC 250 daN (kg)

LC 500 daN (kg)



Tie down with high leverage ratchet and 2 hooks

★★★★



LC 250 daN (kg)

LC 500 daN (kg)



TÜV GS tested, polyester webbing (PES), durable, plastic coated ratchet for comfortable use, for lashing and securing of loads in cars, vans, trucks and roof boxes

Art.-No.	Webbing width	Webbing length	Contents			Barcode
772222	25 mm	2,5 m	2		2	4 009317 722229
772225	25 mm	5 m	2		2	4 009317 722250
772242	25 mm	2,5 m	4		2	4 009317 722427

Extra broad tie-downs, 2pc.

★★★★



LC 210 daN (kg)

LC 420 daN (kg)



TÜV GS tested, with ratchet and hooks, durable polyamide (PA), suitable for securing luggage on roof racks, light trailer loads and bulky items on commercial vehicles

Art.-No.	Webbing width	Webbing length	Contents			Barcode
983700	38,5 mm	5 m	1		1	4 009319 837006

Tie down with ratchet

★★★



LC 122,5 daN (kg)

LC 245 daN (kg)



TÜV GS tested, polypropylene (PP), durable, for lashing and securing of loads in cars, vans and roof boxes

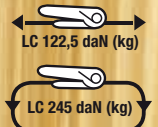
Art.-No.	Webbing width	Webbing length	Contents			Barcode
983500	25 mm	4,5 m	1		2	4 009319 835002

Tie down with ratchet and 2 hooks

★★★

TÜV GS tested, polypropylene (PP), durable, for lashing and securing of loads in cars, vans and roof boxes

Art.-No.	Webbing width	Webbing length	Contents			Barcode
983600	25 mm	3,5 m	1		6	4 009319 836009

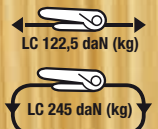


Tie down with cam buckle fastener

★★★

TÜV GS tested, polypropylene (PP), durable, for lashing and securing of loads in cars, vans and roof boxes

Art.-No.	Webbing width	Webbing length	Contents			Barcode
983200	25 mm	2,5 m	2		2	4 009319 832001

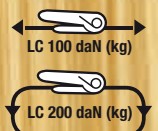


Tie down with cam buckle fastener

★★★

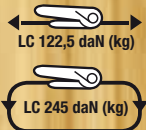
TÜV GS tested, polyester webbing (PES), durable, for lashing and securing of loads in cars, vans and roof boxes

Art.-No.	Webbing width	Webbing length	Contents			Barcode
771023	25 mm	2,5 m	2		2	4 009317 710233
771025	25 mm	5 m	2		2	4 009317 710257



Tie-downs with ratchet and 4 corner protectors

★★★★



TÜV GS tested, polypropylene (PP), durable, for glueing of frameworks, picture frames, drawers etc.

Art.-No.	Webbing width	Webbing length	Contents			Barcode
983100	25 mm	5 m	1		2	4 009319 831004

Furniture lifting straps with belt adjustment

★★★★



Polyester webbing (PES), durable, ideal aid for moving home, must be used by two people to transport large and heavy objects, friction cleat allows continuous length adjustment of the webbing (4.5m)

Art.-No.	Webbing length	Contents			Barcode
774400	3 m	1		2	4 009317 744009
774404	4,5 m	1		4	4 009317 744047

Tie-down set 9pc.

★★★★



TÜV GS tested, polyester webbing (PES), durable, plastic coated ratchet for comfortable use, for lashing and securing of loads in cars, vans, trucks and roof boxes. Handy storage wallet for car boot or workshop. With warning flag for safety use with overhanging loads

Art.-No.	Webbing width	Contents			Barcode
983800	25 mm	2 Bungee cords 2 Cleat tie-downs 2 Ratchet tie-down sets 1 Warning flag		4	4 009319 838003

Tie-downs with storage box and clip-together function



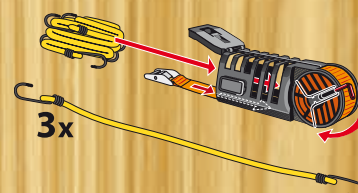
TÜV GS tested, polypropylene (PP), durable, for lashing and securing of loads in cars, vans and roof boxes. Useful click-together function for easy storage of extra tie-down cassettes

Art.-No.	Contents			Barcode
984000	approx. 5,0 m x 25 mm		4	



LC 100 daN (kg)

LC 200 daN (kg)



Tie-downs with storage box and clip-together function



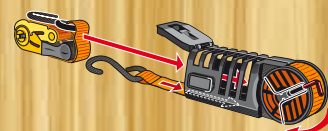
TÜV GS tested, polypropylene (PP), durable, for lashing and securing of loads in cars, vans and roof boxes. Useful click-together function for easy storage of extra tie-down cassettes

Art.-No.	Contents			Barcode
984010	approx. 3,5 m x 25 mm		4	



LC 122,5 daN (kg)

LC 245 daN (kg)



Luggage straps



TÜV GS tested, three times the strength of normal bungee straps, flat, hooks with steel core, the kwb flat luggage straps benefit from three times the strength of normal bungee straps. The hooks at each end have a steel core for even stronger luggage securing

Art.-No.	Webbing length	Contents			Barcode
774140	0,4 m	1		2	
774160	0,6 m	1		2	
774190	0,9 m	1		2	
774199	1,15 m	1		2	

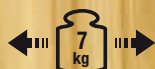


12 kg



Roof rack spider, 600 x 8mm

☆☆☆



TÜV GS tested, the luggage straps are for holding and securing objects carried on bicycles, roof racks and in car boots

Art.-No.	Contents			Barcode
774260	1 x 600 x 8 mm		10	4 009317 742609

Roof rack spider, 900 x 8mm

☆☆☆



TÜV GS tested, the luggage straps are for holding and securing objects carried on bicycles, roof racks and in car boots

Art.-No.	Contents			Barcode
774290	1 x 900 x 8 mm		10	4 009317 742906

Trailer net in carrier bag

☆☆☆☆☆



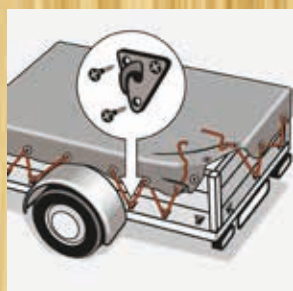
original size

The kwb trailer net serves to stabilise and retain loose loads during transport. Because of the 3.5mm fine mesh net, even small items like leaves can be safely transported. For easy fitting of the net retaining hooks, the nets are provided with a continuous bungee cord, 7mm in diameter. Supplied in handy carrying bag.

Art.-No.	Contents			Barcode
775122	1 x approx. 2,2 x 1,5 m		1	4 009317 751229
775127	1 x approx. 2,7 x 1,5 m		1	4 009317 751274
775325	1 x approx. 2,5 x 3,5 m		1	4 009317 753254

Net hooks for trailer net

☆☆☆☆☆



Fixing with two screws, for fastening trailer nets

Art.-No.	Contents			Barcode
775810	12 pieces including screws		10	4 009317 758105



MEASURING TOOLS

Measuring tapes

Calipers

Squares

Folding rules

Bevels

Spirit levels

Laser measuring tools

Measuring tools



The advantages of measuring tools

- high quality measuring tools for every measuring job
- highly accurate measurement in every situation

Range overview measuring tools



PRECISA measuring tapes

★★★★★

Concave steel tape, hardened, calibrated, with special hook for inside and outside measurement, ABS plastic housing, breakage resistant, automatic tape brake, hook with strongly magnetic tip.

Page 138



Precision calipers

★★★★★

DIN 862, stainless, matt chrome plated, with depth probe, cross-over jaws for inside measurement, available with digital or analogue display

Page 140



Square

★★★★★

With and without stop, some with continuously adjustable angle measuring arm, lockable, dual scale, anodised, graduated on both sides and both edges.

Page 141 - 143



Folding rules

★★★★★

Stocks treated with scratch-, weather- and abrasion resistant lacquer, red numerals, integral steel springs, solid rivets, with cm- and mm graduation on both side and both edges.

Page 144

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 152 of the catalogue)



Spirit levels

★★★★★

Sturdy aluminium profile with shock-absorbing end caps, high accuracy vials, ground faces allow levels to lie perfectly flat, for horizontal, vertical and overhead measurement, ideal for drywall work, industrial and DIY use.

Page 146



Line level

★★★★★

Made from ABS plastic with Plexiglas tube bubble and a flat aluminium base. This is an ideal aid for building, flooring or paving jobs.

Page 147



Laser measuring tools

★★★★★

TuV GS tested, laser class 2, 650nm wavelength, batteries included, point and line lasers for a wide variety of uses in construction and renovation.

Page 148 - 150



Professional laser distance measure LD50 ★★★★★

Determination of lengths, areas and volumes, indirect length measurement through Pythagoras function, addition of measurements, indoor and outdoor measurements, min. and max. Measurement feature for uneven surfaces.

Page 149

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

Art.-No.	Tape length x width			Barcode
060102	2 m x 16 mm		2	
060103	3 m x 16 mm		2	
060105	5 m x 19 mm		2	
060810	10 m x 25 mm		1	

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

Art.-No.	Tape length x width			Barcode
060113	3 m x 16 mm		Z 18	
060115	5 m x 19 mm		Z 12	

INTERNA steel tape measure with window



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	

Measuring tapes

Steel tape measure with hook



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	
063450	50 m x 13 mm		2	



Cassette measuring tape



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



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	



Precision caliper with digital display



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 cm	0.005" inch 0.01 mm		1	4 0093 10 910005

Precision vernier caliper



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 cm	1/128" inch 1/20 mm		1	4 0093 10 917004

Button caliper



Brass pocket caliper, mm and inch graduations

Art.-No.	Length	Measuring range	Graduation			Barcode
091600	80 mm	3 1/4" inch 80 cm	1/16" inch 1/10 mm		2	4 0093 10 916007

Profile gauge



Plastic, contour width 130mm max., contour depth 30mm max., for exactly matching irregular profiles when cutting out, for example cut-outs for central heating pipes, door frames, or floor coverings such as laminates, parquet, tiles, carpets or linoleum

Art.-No.	Length			Barcode
064210	125 mm		2	4 0093 10 642104

Squares

Stainless steel carpenter's square



Stainless steel, with marking holes, flexible

Art.-No.	Length			Barcode
069700	700 mm		1	
069800	800 mm		1	



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

Art.-No.	Length			Barcode
061830	300 mm		1	



Engineer's square



zinc plated, precisely machined surfaces, 90° angled, extra rigid

Art.-No.	Square length x height			Barcode
061625	250 x 160 mm		1	
061640	400 x 230 mm		1	
061660	600 x 330 mm		1	



Engineer's square with flange



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 0093 10 615207
061530	300 x 180 mm		1	4 0093 10 615306



Square



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	4 0093 10 672507
067300	300 mm		1	4 0093 10 673009



Protractor square



Plastic, for inside and outside measurement, 155mm long

Art.-No.	Length	Square			Barcode
065800	90 x 155 mm	0 - 180°		2	4 0093 10 658006

Wooden bevel



Beechwood, for measuring and transferring of angles

Art.-No.	Length			Barcode
061930	300 mm		1	4 0093 10 619304



Bevel



Wooden with steel tongue and brass pivot, for measuring and transferring angles

Art.-No.	Length			Barcode
063925	250 mm			



Aluminium bevel



Aluminium, for measuring and transferring angles

Art.-No.	Length			Barcode
063825	250 mm			



Tile marking guide



Plastic, adjustable angle fence, for marking and transferring markings for tiling, for example for pipe holes, switch and socket openings in bathrooms and toilets

Art.-No.	Length			Barcode
061300	435 mm			



Steel rules



Graduation mm, inch, spring steel, flexible, stainless steel, hardened



Art.-No.	Dimensions			Barcode
061730	300 x 30 x 0,8 mm		1	4 0093 10 617300
061750	500 x 30 x 0,8 mm		1	4 0093 10 617508



Plastic folding rule



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 0093 10 926006

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



Art.-No.	Length			Barcode
092500	200 cm		2	4 0093 10 925009
092530	300 cm		2	4 0093 10 925306

Wooden folding rule, 4 sections



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	4 0093 10 931000

Rules / Edges

Plastic folding rule, 4 sections



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	






Surfacing/ straight edge with level



Aluminium, with horizontal and vertical level bubbles, plastic end caps

Art.-No.	Length			Barcode
062015	150 cm		1	
062020	200 cm		1	
062025	250 cm		1	
062030	300 cm		1	


Art.-No.	Length			Barcode
062060	300 cm with 2 handles for easier work		1	



Surfacing/ straight edge



Aluminium, plastic end caps



Art.-No.	Length			Barcode
062220	200 cm		1	



Feather edge



Aluminium, plastic end caps, pointed profile

Art.-No.	Length			Barcode
062320	200 cm		1	



Aluminium spirit level



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	4 0093 10 650406
065060	60 cm		1	4 0093 10 650604
065080	80 cm		1	4 0093 10 650802
065100	100 cm		1	4 0093 10 651007
065120	120 cm		1	4 0093 10 651205
065180	180 cm		1	4 0093 10 651809

Magnetic spirit level



With two strong magnets on the base, hands-free working on vertical and overhead jobs, ideal for drywall work, for professional and DIY use, robust aluminium housing with one each precision vertical and horizontal bubbles, ultra-violet resistant, accuracy 0.5mm/m, with shockproof end caps

Art.-No.	Length			Barcode
064760	60 cm		2	4 0093 10 647604



Digital spirit level



with digital measuring device for accurately measuring gradients in degrees and percent, accurate to 0.3°. Directional arrows and audible signals at 0°, 45° and 90° for easy alignment, hold function for storing and transferring the measurement results, automatic rotation of the measured values on the display when working overhead, obliquely positioned easy-to-read display, display illumination for working in poor light, easy calibration for sustained accurate measuring, the level also has vertical and horizontal bubbles for manual working, 9 volt battery pack supplied

Art.-No.	Length			Barcode
064660	60 cm		1	4 0093 10 646607

Profi spirit level with remote viewing optics



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	4 0093 10 680809

Spirit levels

Mini spirit level



With vertical and horizontal bubbles

Art.-No.	Length			Barcode
065010	100 mm			4 009310 650108



Aluminium mini spirit level



With horizontal bubble, precision level, accuracy 0.5mm/m, ultra-violet resistant, with shockproof end caps, breakage and impact resistant level, in counter/wall display

Art.-No.	Length			Barcode
065005	100 mm			4 009310 650055



Line level



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	75 mm			4 009310 657108



Post level



With vertical and horizontal bubbles, for aligning bollards, fence posts etc.

Art.-No.	Length			Barcode
062500	58 mm			4 009310 625008



Water level



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			4 009310 647208



Laser gradient level ★★★★★



TÜV GS tested, with 5 gradient level bubbles 0°-1°-2°-3°-4°, laser class 2, 650 nm wavelength, 1° inclination ≈ 1 mm/m drop, for easy alignment of gutters and surfaces where water drainage is required.

Art.-No.	Length			Barcode
063600	600 mm		1	4 0093 10 636004



Torpedo laser level ★★★★★



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 0093 10 644009



Laser measuring tools

Mini laser with mirror optics

★★★★★

TÜV GS tested, with horizontal bubble, laser class 2, 650nm wavelength, with built-in height adjustment, with prism optics, batteries included.

Art.-No.	Length			Barcode
064500	220 mm			4 009310 645006



Professional laser distance measure LD50

★★★★★

Measures from 0.1 to 50 m, determination of lengths, areas and volumes via Pythagoras function, indirect length measurement, accuracy +/- 2mm, measurements can be added together, indoor and outdoor measurement, min. and max. measurement for uneven surfaces, continuous measurement with recall feature, fits industry standard tripods, adapts for measurement into corners, memory function, laser class 2, 635nm wavelength, 4 x 1,5 AAA Batteries and belt pouch included, 5 year guarantee

Art.-No.	Contents			Barcode
064100	Laser distance measure and 4 x 1.5 AAA batteries			4 009310 641008



PROFI rotating laser



TÜV GS tested, Laser class 2, 635nm wavelength, vial illumination makes it easy to work in poor light, with scan function for better detection of the laser line, vertical reference beam, adjustable for horizontal and vertical operation.

Art.-No.	Contents			Barcode
066400	1 rotating laser with 90° Prism and vertical reference beam 1 pair of laser-enhancing goggles 1 laser target Batteries included		1	4 009310 664007



PROFI cross laser



TÜV GS tested, laser class 2, 635nm wavelength, self-levelling, 3 line modes, switches off automatically if outside its self-levelling limits

Art.-No.	Contents			Barcode
062900	1 self-levelling cross laser 3 line modes (horizontal, vertical, crossed) 1 pair laser enhancing goggles 1 nylon pouch Batteries included		1	4 009310 629006



Tripod for laser levels



with adaptor for all market-leading cameras and laser measuring tools, adjustable from 550 to 1540mm

Art.-No.	for			Barcode
064340	064100 / 066400 / 062900		1	4 009310 643408

Laser measuring tools

Damp meter for building materials and wood

★★★★★

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.	Contents			Barcode
012100	Damp meter for building materials and wood, 4 x 1.5V AAA batteries included		1	



Thermo-FIXX remote temperature measure

★★★★★

Infrared temperature measure, non-contact remote temperature measurement with infrared technology, ideal for detecting thermal bridges during renovation work, laser reference point accurately defines the measuring area, measuring range -20°C to +330°C, measuring objective 5 : 1, with 9 V DC battery pack.

Art.-No.	Contents			Barcode
012300	Thermo-FIXX, 9 V DC battery pack included		1	



...always the right tool!

SAFETY-FIXX voltage, metal and stud detector



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 +/- 3 mm, 9 volt alkaline battery included, dimensions 15.5 x 6.5 cm.

Art.-No.	Contents			Barcode
011620	SAFETY FIXX, 9 Volt alkaline battery included		1	





BUILDING AND TILING TOOLS

Drywall
Spatulas
Spreaders
Tiling tools
Building tools
Trowels
Pipe tools
Scissors
Markers

Building and tiling 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 building and tiling 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 161



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 167



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 170



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.

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kwb tip

NEW from kwb.

Tile hammer with tungsten carbide tip

With the new kwb tile hammer tiles can be simply snapped to size along pre-scored lines. Ideal for knocking out damaged tiles.

Tile hammer with tungsten carbide tip
Art.-No. 177510 (on page 169 of catalogue)



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 182 - 183



Floats

★★★★★

Plastic, with various facings, for achieving an especially smooth plaster surface.

Page 185 - 188



Pipe cutters

★★★★★

For copper-, brass-, light alloy-, hard plastic and thin-walled steel pipes, with deburring tool.

Page 193



Marking crayons and crayon holder

★★★★★

For marking dry and wet wood, paper, cardboard, metal, stone, asphalt, tiles, plastics, weatherproof, high-visibility marking.

Page 197

Surface rasp plane



Surface rasp plane, die-cast aluminium body, with SK 2 steel rasp blade for wooden boards, fibreboard and particle board, plaster, rubber and rigid foam materials

Art.-No.	Width	Length			Barcode
484300	40 mm	140 mm		2	4 009314 843002

Spare blade for surface rasp plane



Spare blades for surface rasp plane, SK 2 steel

Art.-No.	for			Barcode
484310	Part no. 484300		2	4 009314 843101



Surface rasp plane



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.	Width	Length			Barcode
484400	40 mm	250 mm		1	4 009314 844009

Spare blade for surface rasp plane



Spare blades for surface rasp plane, SK 2 steel

Art.-No.	for			Barcode
484410	Part no. 484400		2	4 009314 844108



Edge plane for plasterboard



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	



Spare blades for edge plane



3 blades, square, ground both sides, for edge plane 185000

Art.-No.	for	Contents			Barcode
185010	Part no. 185000	3		3	



Plasterboard knife



Curved, ground blade, foldable, wooden handle, for cutting plasterboard. Fermacell and lightweight building materials

Art.-No.	Blade			Barcode
029000	75 mm		2	



Hand sander set with 2 mesh sanding sheets



Hand sander with spring clamps for all sanding sheets size 93 x 230mm. 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.	Contents			Barcode
484200	Hand sander, mesh sanding sheets 1 x 120, 1 x 180		1	



Hand sander set, bargain pack, with 12 mesh sanding sheets



Hand sander with spring clamps for all sanding sheets size 93 x 230mm. 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.	Contents			Barcode
484250	Hand sander, mesh sanding sheets 1 x 120, 1 x 180, value pack 10 x 120		1	4 0093 14 842500

Mesh sanding sheets for render and plasterboard, 93 x 230mm



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.	Contents	Grit			Barcode
Display carton					
851120	2	120		5	4 0093 18 511204
851180	2	180		5	4 0093 18 511808



Art.-No.	Contents	Grit			Barcode
Bargain pack					
851820	5	120		5	4 0093 18 518203
851880	5	180		5	4 0093 18 518807

Mesh sanding sheets, render and plasterboard, 115 x 280mm



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.	Contents	Grit			Barcode
Display carton					
854120	2	120		5	4 0093 18 541201
854180	2	180		5	4 0093 18 541805



Art.-No.	Contents	Grit			Barcode
Bargain pack					
854820	5	120		5	4 0093 18 548200
854880	5	180		5	4 0093 18 548804

Paint mixers



Paint mixer, nylon wings, for mixing varnish, glaze and paint, strong construction, free-running, for use in standard electric drills, stirs the mixture downwards to avoid splashing, ideal for mixing small volumes

Art.-No.	Ø	Capacity	Length	⌘	☑	📦	Barcode
497006	60 mm	max. 5 l	350 mm	6 mm	☑	1	4 009314 970067
497008	80 mm	10 - 15 l	400 mm	8 mm	☑	1	4 009314 970081



Paint mixers



Mixers for paint, metal spiral, for mixing emulsion and wall paint, thin mortar, heavy duty pattern, smooth running, plastic sheathed, for use in commonly used drills, minimum 500 watt.

Art.-No.	Ø	Capacity	Length	⌘	☑	📦	Barcode
497206	60 mm	max. 5 l	400 mm	8 mm	☑	1	4 009314 972061
497208	80 mm	5 - 15 l	400 mm	8 mm	☑	1	4 009314 972085
497210	100 mm	10 - 25 l	590 mm	10 mm	☑	1	4 009314 972108
497212	120 mm	20 - 30 l	590 mm	10 mm	☑	1	4 009314 972122



Mortar mixer



Mixers for mortar, metal spiral, for mixing mortar, tile adhesive, all types of plaster, heavy duty pattern, smooth running, plastic sheathed, no splashing of paint in use, for use in commonly used drills, minimum 400 watt, good mixing with low demand on the machine.

Art.-No.	Ø	Capacity	Length	⌘	☑	📦	Barcode
497607	70 mm	4 - 7 l	400 mm	8 mm	☑	1	4 009314 976076
497609	90 mm	7 - 10 l	400 mm	8 mm	☑	1	4 009314 976090
497612	100 mm	10 - 15 l	590 mm	10 mm	☑	1	4 009314 976120



Mortar mixer M14



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	Length	⌘	☑	📦	Barcode
497630	100 mm	590 mm	M 14	☑	1	4 009314 976304
497632	120 mm	590 mm	M 14	☑	1	4 009314 976328



Adhesive mixing paddles



Mixers for adhesive, metal spiral, for mixing flooring adhesive, filler, tile adhesive, plaster and screed, heavy duty pattern, smooth running, plastic sheathed, no splashing of paint in use, for use in commonly used drills, minimum 500 watt, gives homogenous mixing, round vanes save energy.

Art.-No.	Ø	Capacity	Length				Barcode
497708	85 mm	5 - 10 l	400 mm	8 mm		1	
497711	105 mm	10 - 15 l	590 mm	10 mm		1	

kwb-Info



kwb means „mixed“ not „splattered“!

The kwb mixing paddles are „Made in Germany“ and that signifies highest quality and the most modern production techniques. All mixers undergo a continuous quality assessment, because only with exactly the right mixer will you end up with the perfect mix.

Strong welded joints.

The patented construction of the mixers gives clean mixing- whatever material you need to deal with.

Peripheral protection ring

Guarantees smooth and safe running and prevents damage to the mixture container.

Powder coated surfaces

Impurity-free coating on edges and surfaces gives an attractive appearance and a pleasant feel. The manufacturing process is naturally environmentally friendly and carbon neutral.

Painter's scraper, stainless



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	
029760	60 mm		2	
029780	80 mm		2	
029799	100 mm		2	



Painter's scraper



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	
029400	40 mm		6	
029500	50 mm		6	
029600	60 mm		6	
029800	80 mm		6	
030000	100 mm		6	



Rigid scraper

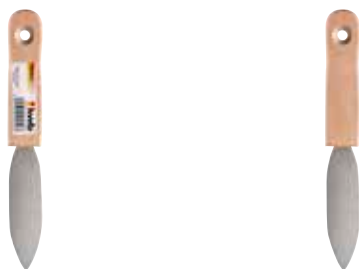


Long sheet metal blade with ground chamfered edge, extra rigid, with wooden handle, for removing or cutting off old paint, render, removing carpet, adhesive and plaster residues, de-rusting smooth surfaces

Art.-No.	Scraper width			Barcode
030970	70 mm		2	



Putty knife



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, multi-purpose



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



Toothed adhesive spreader

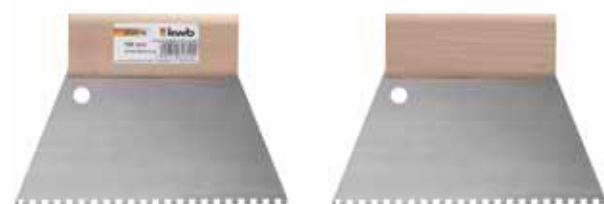


Stainless steel blade, trapezium format, wooden handle, for removing adhesive, tile adhesive and screed

Art.-No.	Scraper width	Tooth spacing			Barcode
032718	180 mm	6 mm		2	4 009310 327186



Toothed adhesive spreader



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

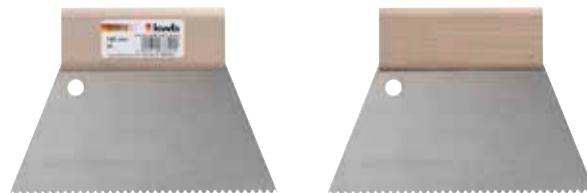


Toothed adhesive spreader



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	by form BZ		4	4 009310 333125



Adhesive spreader/ finishing spatula



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



Adhesive spreader/ finishing spatula with 2-component handle



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



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

Jointing spatula



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

Long handle spatula with aluminium grip



Spring steel blade, stainless, with rounded corners, for overhead working on ceilings and high walls



Art.-No.	Scraper width			Barcode
180245	180 mm		2	4 009311 802453

Toothed adhesive spreader



Plastic, toothed all round, each side with different toothing, for applying glue, tiling adhesive in various thicknesses, and screed



Art.-No.	Dimensions			Barcode
032900	180 x 140 mm		10	4 009310 329005

Spatulas

Silicone spatula



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 sealant finishing set, 4pc.



Sealant finishing set, rubber, for smoothing and shaping freshly applied silicone or acrylic sealants, with various profiles, in storage box

Art.-No.	Contents			Barcode
033120	4pc.		2	4 009310 331206



Sealant removal tool



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 331006



Trimming straight edge



With plastic handle, cutting guide line and carpet ripper, stainless steel, also for use as straight edge or skimmer

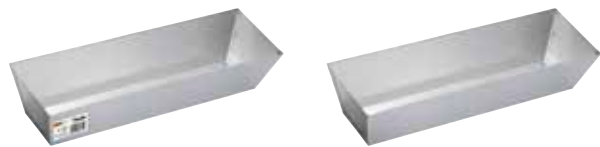
Art.-No.	Length			Barcode
031900	600 mm		2	4 009310 319006



Mud pan



Stainless steel, tapered for easy handling and application of filler



Art.-No.	Dimensions			Barcode
180800	340 x 115 x 80 mm		2	 4 009311 808004






Mud pan



Plastic, tapered shape for convenient handling, with 2 metal edges on the long sides, for easy disposal of fillers and adhesives





Art.-No.	Dimensions			Barcode
180820	352 x 120 x 85 mm		2	 4 009311 808202

Tiling tools

Tile cutting machine



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	



TC spare cutting wheel



Tungsten carbide, ground, for tile machine part no. 178900





Art.-No.	Ø	for			Barcode
178720	22 mm	Part no. 178900		2	



Tiling washboy sets



Useful washboy sets for tiles, suitable for washing down tiles after grouting, plastering or building jobs, mangle with squeezing rollers


Art.-No.	Contents			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	



Tile marking guide



Plastic, adjustable angle fence, for marking and transferring markings for tiling, for example for pipe holes, switch and socket openings in bathrooms and toilets

Art.-No.	Length			Barcode
061300	435 mm		1	



Tile cutting and breaking pliers



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
177300	210 mm		2	4 009311 773005



TC tile cutter



Tungsten carbide cutter, with plastic cap, for pre-scoring of tiles

Art.-No.	Length			Barcode
177400	140 mm		2	4 009311 774002



Tile nibbling pliers



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	4 009311 784001



Tile hammer, flat



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	4 009311 775009



Tiling tools

Tile hammer, pointed



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	



Scriber



Special steel, chemically blacked, No. 35, straight and 90° points, both with tungsten carbide tips, for scribing and marking for drilling or cutting in various materials such as wood, plastic, metal

Art.-No.	Shape	Length			Barcode
170600	Nr. 35	250 mm		2	



Scriber with tungsten carbide point



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	



Tile spacers



Plastic, white, to be placed in tile joints while installing wall, ceiling or floor tiles, ensures even joint width

Art.-No.	Contents	Length			Barcode
179120	250	18 mm	2.0 mm	4	
179125	250	18 mm	2.5 mm	4	
179130	250	18 mm	3 mm	4	
179140	250	28 mm	4 mm	2	
179150	200	28 mm	5 mm	4	
179180	200	28 mm	8 mm	4	

Tile wedges



for ensuring exact and uniform tile spacing

Art.-No.	Dimensions	Contents		Barcode
179213	5,5 x 6,3 mm	250	2	

Tile aligning corners with rubber cord



Zinc plated sheet steel, 1m rubber cord, for correct tension, with metal tabs to hold the tile, mosaic or slab to be installed in place. The corners should be placed over the first and last tiles, then the rubber cord shows the correct alignment for the tiles in between

Art.-No.	Length		Barcode
177600	1 m	4	

Rubber cord for tiling corners



Elastic rubber cord, grey, for laying tiles, slabs, mosaic, correctly tensioned





Art.-No.	Colour	Length		Barcode
177720	Grey	20 m	4	

Tiling tools

Tiling squeegee



Rubber blade, heavy duty with wooden handle, for spreading grout into tile joints and removal of excess tile adhesive

Art.-No.	Width			Barcode
032618	180 x 55 mm		4	4 009310 326189
032630	300 x 55 mm		4	4 009310 326301



All-purpose and tiling sponge



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	4 009311 779007
177920	200 x 120 x 60 mm		4	4 009311 779205



Tiling sponge



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	4 009311 780157



Tiling squeegee



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	600 mm		2	4 009319 349608



Grout rakes



Tungsten carbide gritted replaceable blade, for cleaning or raking out old or defective tile joints, supplied with spare blade

Art.-No.	Blade length	Length			Barcode
030100	27 mm	145 mm		2	4 009310 301001
030300	50 mm	215 mm		2	4 009310 303005

HM

Blades for grout rakes



Spare blades for grout rake

Art.-No.	for	Contents	Blade length			Barcode
030110	Part no. 030100	3	27 mm		2	4 009310 301100
030310	Part no. 030300	3	50 mm		2	4 009310 303104

HM

Tile file



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	4 009314 995213

HM

Plaster cup



Flexible, conical shape, for mixing small quantities of plaster or filler



Art.-No.	Ø			Barcode
179400	120 mm		5	4 009311 794000



Tiling tools

Plaster cup, size 5



Flexible, cylindrical shape, for mixing small quantities of plaster or filler

Art.-No.	Size			Barcode
180705	Size 5		2	4 009311 807052



Plasterer's pan



With wooden handle, zinc plated, with hanging hooks, for mixing plaster and filler

Art.-No.	Ø			Barcode
033118	180 mm		2	4 009310 331183



Plumb bob



Brass, ground, exact testing of vertical alignment for wallpapering, building and panelling jobs

Art.-No.	Weight			Barcode
177810	75 g		2	4 009311 778109



Plumb bob with line



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



Glass cutter



Tungsten carbide, with 6 cutting wheels, high cutting performance, for glass up to 8mm thick, for glass cutting

Art.-No.	Contents			Barcode
177100	with 6 cutting wheels		2	 4 009311 771001

HM

Sealant gun



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		2	 4 009319 323004

Skeleton sealant gun



Rack and pinion, rotatable head, for standard 150 and 310ml cartridges, optimal operation in all situations, integral hanging hook, sturdy frame

Art.-No.	Length			Barcode
932111	230 mm		1	 4 009319 321116

Scraper



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			Barcode
032450	50 mm		2	



HM

Blades for scraper



Tungsten carbide blade, ground both sides, double-sided

Art.-No.	Width			Barcode
032550	50 mm		2	



HM

Plastering trowel



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	



Bucket trowel



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	
924076	160 x 60/85 mm		1	



Bucket trowel

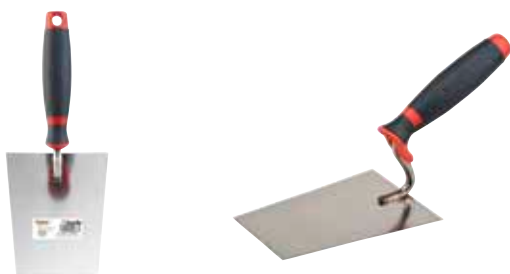


Stainless steel, lacquered wooden handle, for plastering walls and other surfaces, for applying mortar

Art.-No.	Trowel length x width			Barcode
924024	140 x 60/85 mm		1	4 0093 19 240240



Bucket trowel, swan neck



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 0093 19 242664
924268	180 x 95/125 mm		1	4 0093 19 242688



Bucket trowel, swan neck



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	4 0093 19 242268
924228	180 x 95/125 mm		1	4 0093 19 242282



Berlin pattern brick trowel



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	4 0093 19 241223



Arnhem pattern brick trowel, for right-handers



Hardened steel, lacquered wooden handle, for applying mortar, building and plastering

Art.-No.	Trowel length x width			Barcode
923618	180 x 145 mm		1	4 009319 236182



Tuck pointers



Hardened steel, long, lacquered wooden handle, for brickwork and blockwork jointing

Art.-No.	Trowel length x width			Barcode
925016	180 x 8 mm		1	4 009319 250164
925020	180 x 10 mm		1	4 009319 250201
925022	180 x 12 mm		1	4 009319 250225



Hod



Plastic, with retaining lip, centre handle, for convenient handling in jointing and drywall work

Art.-No.	Trowel length x width			Barcode
925732	320 x 180 mm		1	4 009319 257323



Plasterer's hawk



Plastic, for carrying mortar for all jointing operations

Art.-No.	Trowel length x width			Barcode
919524	250 x 250 mm		1	4 009319 195243



Small tool



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.	Scraper width			Barcode
925910	10 mm		1	4 009319 259105
925916	16 mm		1	4 009319 259167
925920	20 mm		1	4 009319 259204

Pointing trowel, round end



Hardened steel, lacquered wooden handle, Dutch pattern, round point, for laying and smoothing of mortar

Art.-No.	Trowel length x width			Barcode
923014	140 x 103 mm		1	4 009319 230142

Pointing trowel, pointed



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



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



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



Tongue gauging trowel



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 343668



Tongue gauging trowel



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.	Trowel length x width			Barcode
934316	160 x 45 mm		1	4 009319 343163



Gauging trowel



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



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

Plastering spatula trowel



Stainless steel, 2-component handle, for fine finishing work on plaster, mortar and gypsum

Art.-No.	Trowel length x width			Barcode
925466	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



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

Internal corner trowel



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

External corner trowel



Stainless steel, lacquered wooden handle, for plastering external corners of walls, beams or columns; or stair edges

Art.-No.	Trowel length x width			Barcode
934208	80 x 60 mm		1	4 009319 342081



Adhesive dispensing trowel



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.	Length			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



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



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

Smoothing trowel



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



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

Adhesive trowel, toothed 2 sides



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

Adhesive trowel, toothed both sides



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	4 009319 238186
923828	280 x 130 mm	6 mm		1	4 009319 238285



Flooring trowel



Hardened steel, narrow shape, lacquered wooden handle, light alloy brace, blade manually 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	4 009319 198503



Smoothing trowel, plastic



Plastic, extra narrow, for application of e.g. Grout, mortar, tile adhesive, sealant, plaster for smoothing out irregularities and hollows on walls and floors

Art.-No.	Trowel length x width			Barcode
924538	280 x 140 mm		1	4 009319 245382



Smoothing trowel, plastic, extra narrow



Plastic, extra narrow, for application of e.g. Grout, mortar, tile adhesive, sealant, plaster for smoothing out irregularities and hollows on walls and floors

Art.-No.	Trowel length x width			Barcode
924320	200 x 70 mm		1	4 009319 243203



Finishing float



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 0093 19 256265



Skimming spatulas



Plastic, for use with either hand on large surfaces for applying or smoothing plaster



Art.-No.	Dimensions			Barcode
922808	800 x 120 mm	20 mm	1	4 0093 19 228088
922812	1200 x 120 mm	20 mm	2	4 0093 19 228125



H-profile skimming spatulas



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		1	4 0093 10 621123
062115	150 cm		1	4 0093 10 621154
062120	200 cm		1	4 0093 10 621208



Feather edge



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		1	4 0093 10 623127
062315	150 cm		1	4 0093 10 623158



Float



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	4 009319 249380
924948	320 x 180 mm		1	4 009319 249489
924958	360 x 200 mm		2	4 009319 249588



Float, plywood



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	4 009319 248383
924840	400 x 150 mm		1	4 009319 248406



Float with rubber sponge facing



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



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



...always the right tool!

Spare facing, foam rubber



For part no. 924728, 924788, orange, for making an extra-smooth plaster surface



Art.-No.	Dimensions			Barcode
924789	280 x 140 mm	20 mm	2	 4 009319 247898





Float with sponge facing



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 sponge facing



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 009319 247980



Spare facing, sponge



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 009319 247997



Float with absorbent sponge



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	



Spare facing, absorbent sponge



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	30 mm	2	



Float with foam rubber facing



Plastic, with 10mm foam rubber facing, green, for making an extra-smooth plaster surface

Art.-No.	Dimensions			Barcode
924758	280 x 140 mm		1	



Float with foam rubber facing



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	



Float with felt facing



Plastic, with 10mm felt facing, black, for making an extra-smooth plaster surface



Art.-No.	Dimensions			Barcode
924778	280 x 140 mm		1	4 009319 247782



Spare facing, felt



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 009319 247799



Blockwork sanding float



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	4 009319 248505



Spare facing for blockwork sander



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



Floor scraper without handle



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	4 009311 800305



Lattice plane with ergonomic grip



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	4 009311 801388



Aluminium plane



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



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



Plasterer's pins



Hardened, for universal use on frameworks, plastering profiles, or for installing window- and door frames



Art.-No.	Shape			Barcode
179500	square		2	4 009311 795007
179520	round		2	4 009311 795205

Mason's line, green

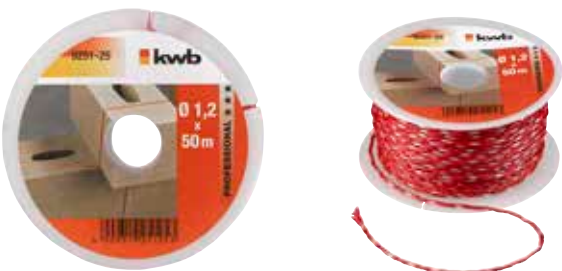


Nylon mason's line, braided 1.2 mm Ø, for horizontal and vertical alignment of bricks and blocks



Art.-No.	Ø	Colour	Length			Barcode
925105	1,2 mm	Green	50 m		3	4 009319 251055
925110	1,2 mm	Green	100 m		3	4 009319 251109

Mason's line, red



Nylon mason's line, braided 1.2 mm Ø, for horizontal and vertical alignment of bricks and blocks



Art.-No.	Ø	Colour	Length			Barcode
925125	1,2 mm	red	50 m		3	4 009319 251253
925120	1,2 mm	red	100 m		3	4 009319 251208

Mason's line, white



Nylon mason's line, braided 1.7 mm Ø, extra strong, for horizontal and vertical alignment of bricks and blocks



Art.-No.	Ø	Colour	Length			Barcode
922105	1,7 mm	white	50 m		2	4 009319 221058
922110	1,7 mm	white	100 m		2	4 009319 221102
922125	2 mm	white	50 m		2	4 009319 221256
922130	2 mm	white	100 m		2	4 009319 221300

Building tools

Hemp string



for wrapping, tying and binding

Art.-No.	Cord length			Barcode
179305	50 m		2	4 009311 793058



PROFI chalk line kit



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



For use with chalk line, part no. 925300

Art.-No.	Colour	Weight			Barcode
925310	red	100 g		2	4 009319 253103
925320	Blue	100 g		2	4 009319 253202



Chalk line set



Die-cast zinc housing, with winding handle, 30 metre line, with hook tip, with red and blue marking powder, for coloured marking during brick- and floor laying, partitioning etc., also for use as plumb line, with line level

Art.-No.	Contents			Barcode
925200	1 Chalk line, 30 m Line 1 Line level 1 Bag of red chalk 1 Bag of blue chalk		1	4 009319 252007



PROFI nail lifting bar



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 0093 14 543605
454380	900 mm		1	4 0093 14 543803

Nail lifting bar



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

Art.-No.	Length			Barcode
454100	300 mm		3	4 0093 14 541007

Board lifter



heavy duty, plastic handle, for transporting, laying and replacing paving slabs, tiles and other stonework, grip range from 300 to 500mm, easily adjustable, lifting capacity up to 30kg

Art.-No.	for arbors			Barcode
179600	300 - 500 mm		1	4 0093 11 796004

Plasterboard lifter



Metal construction, plastic coated, non-slip, for carrying plasterboard sheets

Art.-No.	for			Barcode
179711	Plasterboard		2	4 0093 11 797117

Hand tools / Pipe tools

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

Art.-No.	max. Kg			Barcode
179800	25		1	4 009311 798008



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




Art.-No.	Pipe diameter			Barcode
950416	3 - 16 mm		1	4 009319 504168



Pipe cutter with scraper

★★★★★

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			Barcode
950430	3 - 35 with scraper		2	4 009319 504304



Sheet metal punch

★★★★★

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			Barcode
525600	32 mm		1	4 009315 256009
525700	35 mm		1	4 009315 257006
525800	40 mm		1	4 009315 258003



Basin wrench



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

Art.-No.	Size	Length			Barcode
981000	AF 10 - 28 mm	250 mm		1	 4 009319 810009



Draw tape



PVC, 15m, 120mm locating spring, eyeletted end, aid for passing cables through voids

Art.-No.	Ø	Length			Barcode
955815	3 mm	15 m		2	 4 009319 558154



Scissors / Marker pens

Multi-purpose snips



Stainless steel with opening spring, straight profile, snips with plastic grips, multiple uses. Ideal for thin sheet metal, plastics, leather, card, paper, string, fabrics etc.



Art.-No.	Length			Barcode
021000	195 mm		2	4 009310 210006



Multi-purpose snips



Straight blade, titanium coated, 2 component grip, specially suitable for paper, card, leather, thin plastics and carbon fibre



Art.-No.	Length			Barcode
021117	175 mm, in the display		Z 16	4 009310 211171
021127	175 mm, bulk		5	4 009310 211270



Multi-purpose snips



Cranked blade short, titanium coated, 2 component grip, specially suitable for paper, card, leather, thin plastics and carbon fibre



Art.-No.	Length			Barcode
021121	210 mm, in the display		Z 12	4 009310 211218
021131	210 mm, bulk		3	4 009310 211317



Multi-purpose snips



Cranked blade long, titanium coated, 2 component grip, specially suitable for paper, card, leather, thin plastics and carbon fibre

Art.-No.	Length			Barcode
021123	230 mm, in the display		Z 12	4 009310 211232



Marker pen, narrow



Fine, pointed tip, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal

Art.-No.	Colour	Contents			Barcode
376800	Red, black	12		12	4 009313 768009
377110	Red, black	3		6	4 009313 771108

Marker pen, narrow



Fine, pointed tip, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal

Art.-No.	Colour	Contents			Barcode
376900	red	12		12	4 009313 769006
377120	red	3		6	4 009313 771207

Marker pen, narrow



Fine, pointed tip, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal

Art.-No.	Colour	Contents			Barcode
377000	Blue	12		12	4 009313 770002
377130	Blue	3		6	4 009313 771306

Marker pen set



Fine, pointed tip, waterproof, oil- and dirt proof, quick-drying, for marking wood, cement and concrete surfaces, copper, castings, wood and metal

Art.-No.	Colour	Contents			Barcode
377103	assorted black / red / blue	3		6	4 009313 771030

Marker pen, broad



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.	Colour	Contents			Barcode
377410	Red, black	2		2	4 009313 774109

Marking crayons



weatherproof, high-visibility marking, to mark on dry and wet wood, paper, card, metal, stone, asphalt, tiles, plastic, unwrapped/ without label

Art.-No.	Colour	Contents			Barcode
377210	Yellow	2		6	4 009313 772105
377220	red	2		6	4 009313 772204
377230	Blue	2		6	4 009313 772303



Marking crayon holder



With clip, with press-button, for crayons Ø 10-12 mm

Art.-No.	for			Barcode
377280	Part no. 377210 / - 20 / - 30		2	4 009313 772808



Blackboard chalk



White, especially good colour output, with paper jacket to protect the fingers from dust, dust and grit free, especially breakage resistant and easy to wipe off

Art.-No.	Dimensions	Contents	Length			Barcode
377300	13 x 13 mm	12	90 mm		2	4 009313 773003



Wire twisting tool



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



Steel wire, annealed, for use with 989965

Art.-No.	Contents	Length			Barcode
989966	1000	120 mm		1	4 009319 899660



Sink trap cleaner



Spring steel, coil length 400mm, coil diameter 6mm, with winding handle and grip sleeve, specially for compactm traps in baths and showers

Art.-No.	Ø	Length			Barcode
956020	6 mm	400 mm		2	4 009319 560201



Household drain cleaning coil



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



Drain cleaning / Miscellaneous items

Drain cleaning coils



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



Aluminium folding sack truck



sturdy tubular steel frame with aluminium carrier 48 x 25cm, max. Carrying capacity 100kg. Folds down to 71 x 48 x 6cm, fits in any corner or car boot, suitable for shopping or moving house

Art.-No.	Contents			Barcode
786210	Collapsible aluminium sack truck		Z 6	4 009317 862109



Telescopic quick support, low



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.	Size			Barcode
980705	50 to 120 cm		1	4 009319 807054



Telescopic quick support, high



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.	Size			Barcode
980712	115 to 290 cm		1	4 009319 807122



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kwb stands for quality.

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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		Screwdriver		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		

Overview of the kwb pictograms and logos

								
Titanium	Stainless steel	Steel	Iron	Cast iron	Non-ferrous metals	Sheet metal	Profiles	Aluminium
								
Bronze	Plastic	Acrylic	Concrete	Concrete without reinforcement	Stone/masonry	Sand-lime brick	Aerated concrete	Hollow brick
								
Screed	Plaster	Plasterboard	Lightweight construction materials	Hardwood	Softwood	Thick softwood	Firewood	Profiled timber
								
Laminate	Wooden planks for terraces	Formwork	Plywood	Chipboard (coated)	Chipboard	Construction timber	Blockboard	Thin wood
								
Glass/crystal	Porcelain	Ceramics/wall tile	Floor tile	Porcelain stoneware	Marble	Floor clinker	Concrete stone	Exposed aggregate concrete
								
Granite	Roof tiles	Natural stone	Grout	Carpet remnants	Tile glue	Paint		
								
Made in EU	Made in Germany	Steel logo	Magnetic	Laser	Rust-proof	CV	HM	

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