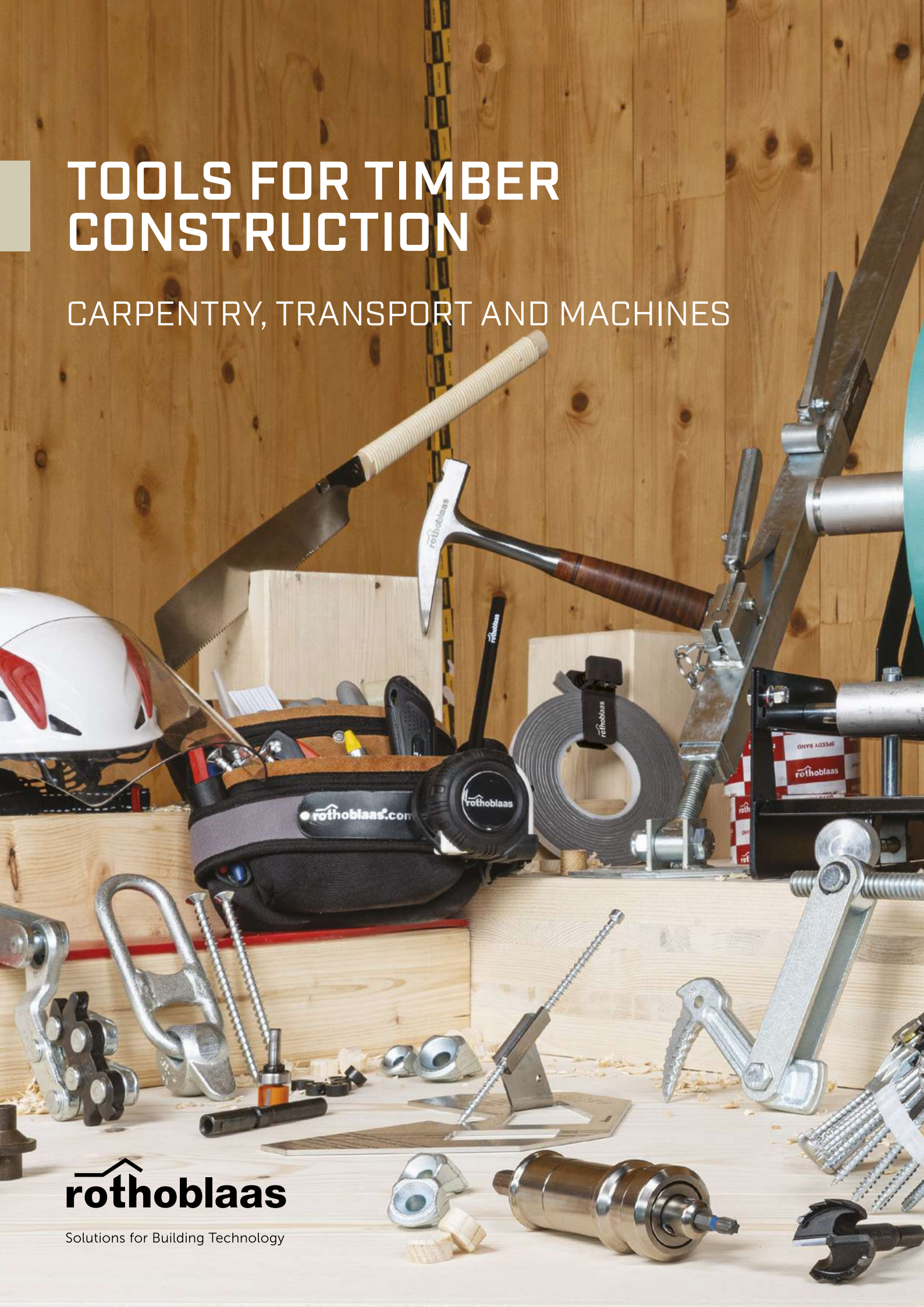


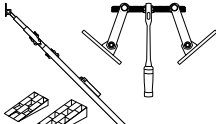
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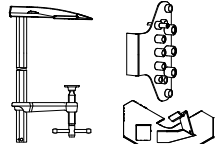
CARPENTRY, TRANSPORT AND MACHINES



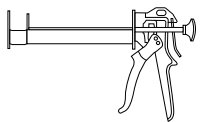
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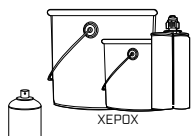

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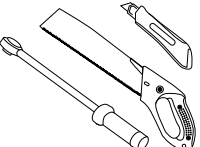
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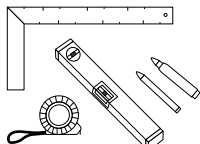
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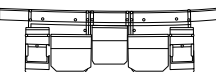
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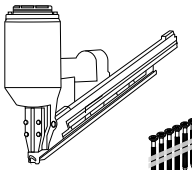
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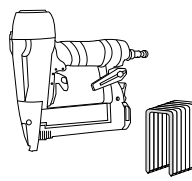
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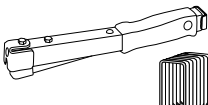
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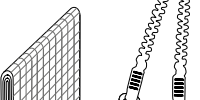
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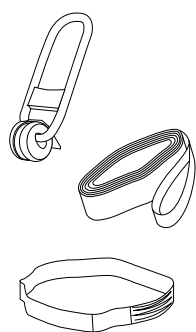
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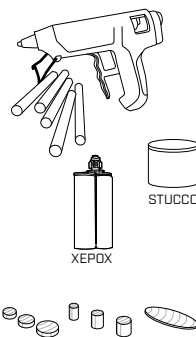
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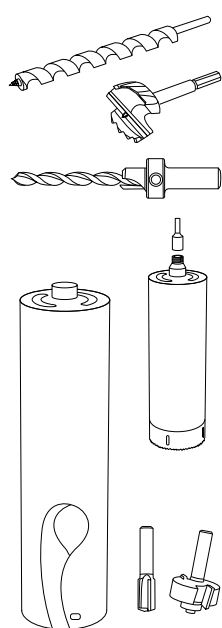
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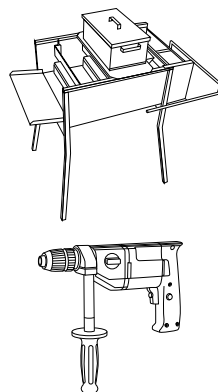
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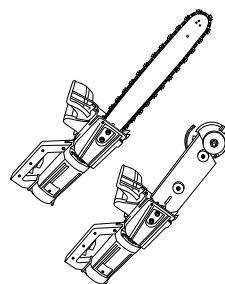


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ROTHOBLAAS REPAIR SHOP

For over 20 years, the qualified technicians of our repair shop have been taking care of the machines that we retail. They do it with skill and reliability, passion and professional know-how, providing service of excellence in short turn-around time and ensuring machines durability and performance over time.

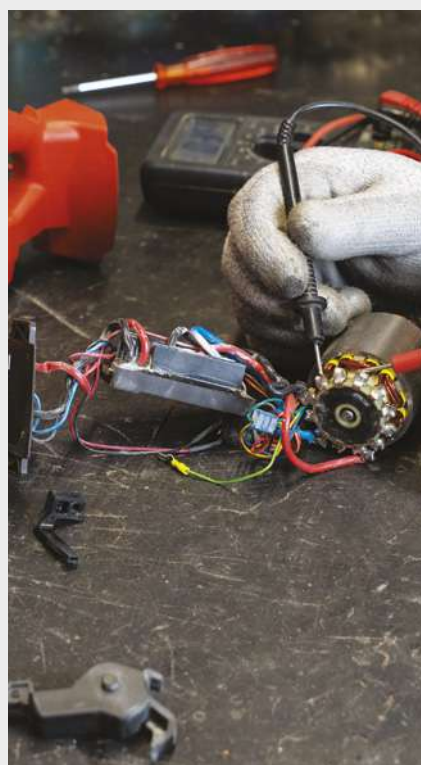
ASSISTANCE AND REPAIR OF ELECTRIC TOOLS AND CARPENTRY MACHINES

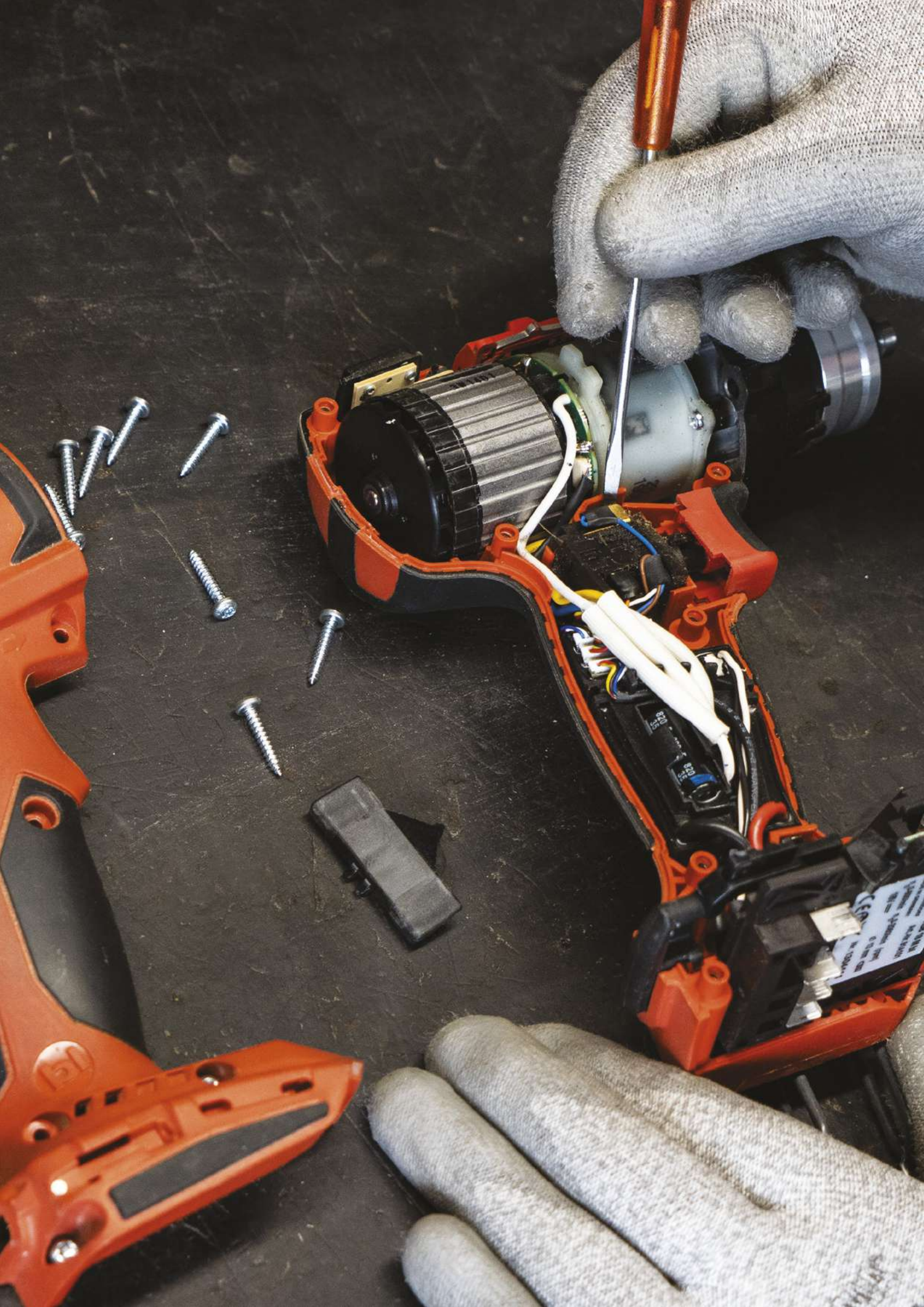
FAST AND COMPETENT ADVICE ON MACHINES AND TOOLS

OVERHAUL OF PERSONAL PROTECTIVE EQUIPMENT

SHARPENING OF TOOL AND MACHINE BLADES

THE EXPERTISE OF OUR TECHNICIANS IS AT YOUR SERVICE FOR:





CARPENTRY TOOLS

CARPENTRY TOOLS

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CONTAINER

PORTABLE STORAGE FOR THE WORKSITE

PRACTICAL

It keeps building material, tools and machine safe and dry.

ORGANISED

Thanks to the (optional) shelving unit, tools and products can be arranged clearly and neatly.

RENTABLE

The container can also be rented on a monthly basis.



CHARACTERISTICS

SIZES	up to 2,44 x 2,20 x 2,26 m
CAPACITY	450-630 kg
OPTIONAL EQUIPMENT	electrical system, shelving unit, tilting table
VERSIONS	purchasable / rentable



MATERIAL

Resistant metal sheet.

FIELDS OF USE

It can be used as a material storage room or personnel room for construction sites.



DIMENSIONS

Conventional dimensions perfect for transport.

ACCESSORIES

Also available with electrical system, tilting table and shelving unit.

LC6

SMALL CONTAINER WITHOUT ELECTRICAL SYSTEM

CODES AND DIMENSIONS

CODE		B	L	H	capacity
		[m]	[m]	[m]	[kg]
RENTCONT6	(rentable)	1,95	1,98	1,91	450
RBCONT6		1,95	1,98	1,91	450



LC8

LARGE CONTAINER WITHOUT ELECTRICAL SYSTEM

CODES AND DIMENSIONS

CODE		B	L	H	capacity
		[m]	[m]	[m]	[kg]
RENTCONT8	(rentable)	2,20	2,44	2,26	630
RBCONT8		2,20	2,44	2,26	630

LC8 L

LARGE CONTAINER WITH ELECTRICAL SYSTEM

CODES AND DIMENSIONS

CODE		B	L	H	capacity
		[m]	[m]	[m]	[kg]
RENTCONT8L	(rentable)	2,20	2,44	2,26	630
RBCONT8L		2,20	2,44	2,26	630

LC8 L + F

WITH ELECTRICAL SYSTEM, SHELVING UNIT AND DROP-LEAF TABLE

CODES AND DIMENSIONS

CODE		B	L	H	capacity
		[m]	[m]	[m]	[kg]
RENTCONT8LF	(rentable)	2,20	2,44	2,26	630
RBCONT8LF		2,20	2,44	2,26	630

NOTES:

- Minimum rental: 3 months
- Rent is invoiced every 6 months
- Transport is charged with the first and last invoice

DROP-LEAF TABLE FOR CONTAINER LC8 L + F



SHELVING UNIT FOR CONTAINER LC8 L + F



ELECTRICAL SYSTEM FOR CONTAINER LC8 L + F



GIRAFFE

ASSEMBLY SUPPORT



PRACTICAL

For quick and easy assembly of walls and floors made of timber elements.

PRECISE

Quick adjustment with automatic lock.

LENGTH

The 6,0 metre long version offers support even over long distances.



GIR3000



GIR3000
GIR4000
GIR6000



GIR2200



GIR3000



GIR4000



GIR6000

CHARACTERISTICS

FOCUS	temporary assembly support
LENGTH	from 220 cm to 600 cm
LOAD CAPACITY	up to 280 kg
FASTENING	HBS PLATE Ø10, SKR Ø12

VIDEO

Scan the QR Code and watch the video on our YouTube channel

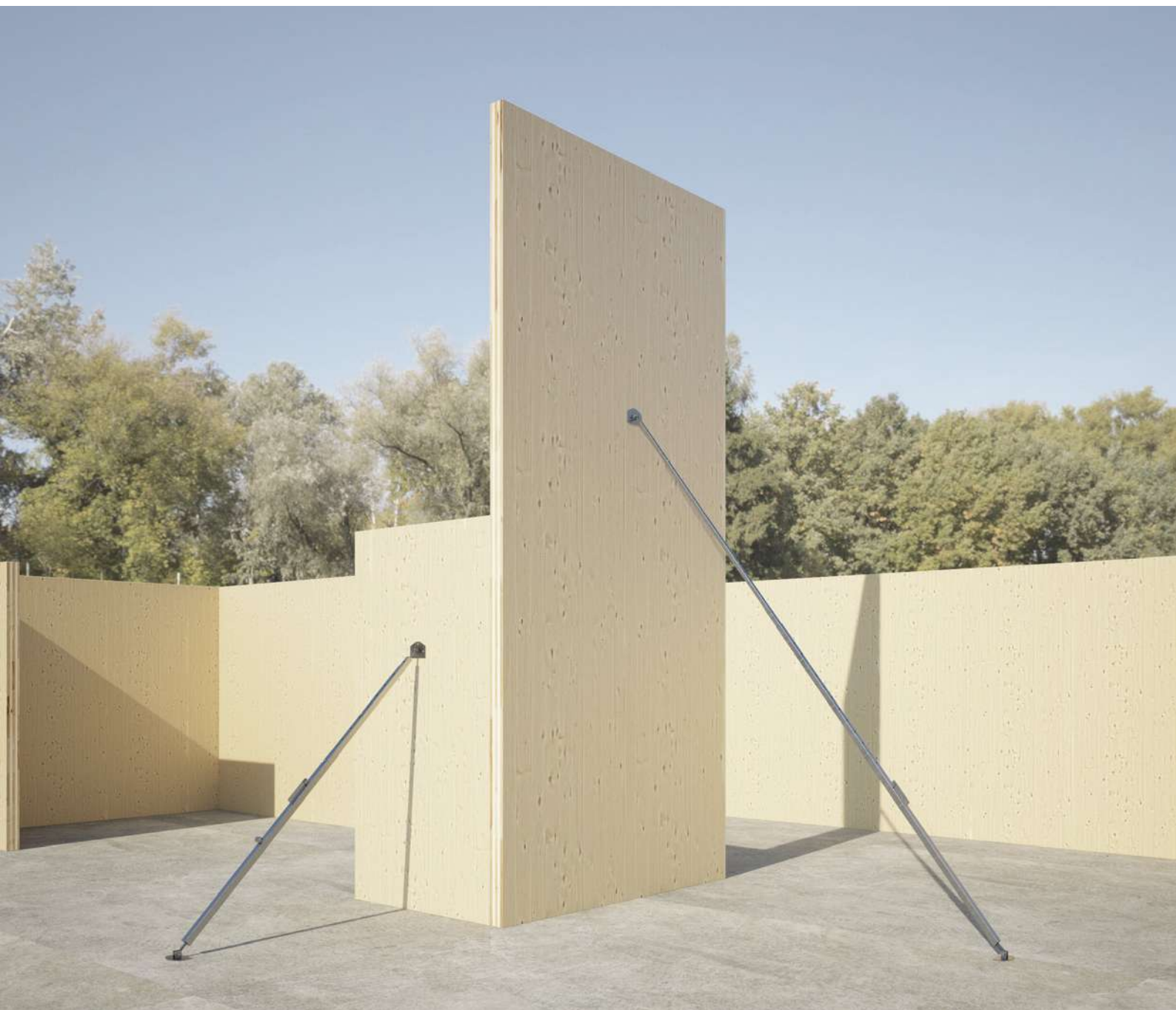


MATERIAL

GIR3000 and GIR4000 in zinc plated steel;
GIR2200 and GIR6000 in extruded 6060 aluminium.

FIELDS OF USE

Temporary support for the assembly of CLT floors and walls, prefabricated timber framing elements, glulam supports and pillars and more.



TWO STOREYS

GIR6000 acts as a practical and safe support to be used even in case of distant elements extending up to two storeys.

ORGANISED

The practical transport element allows to handle and store up to 10 GIRAFFES in an orderly manner.

CODES AND DIMENSIONS

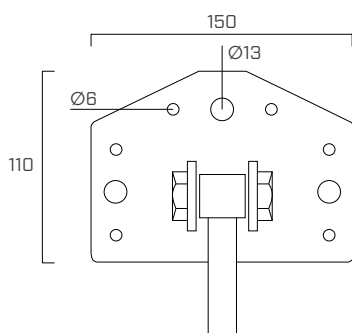
CODE	length [mm]	weight [kg]	adjustment [mm]	pcs
GIR2200	1180 - 2200	3,35	100 + 100	1
GIR3000	1750 - 3000 with locking stop	9,80	100 + 100	1
GIR4000	1750 - 4000	13,0	100 + 100	1
GIR6000	2120 - 6000	27,0	135 + 135	1

OPTIONAL ITEMS

CODE	description	pcs
GIRPLATE	small spare plate	1
GIRPLATEL	large spare plate	1
GIRPLATE90	spare plate with 90° edge	1
GIRHOLDER	transport element for 10 GIRAFFES, compatible with GIR3000, GIR4000 and GIR60000	1

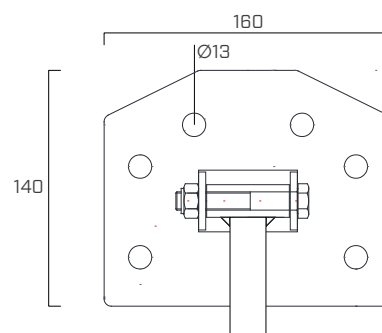
GEOMETRY AND INSTALLATION

ANCHOR PLATE



GIR2200/GIR3000/GIR4000

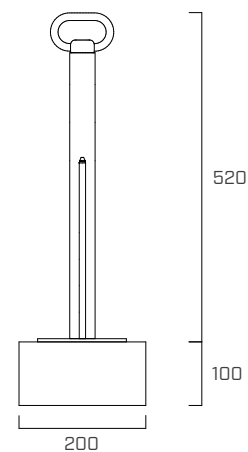
Plate thickness	[mm]	4
no. of Ø13 holes		3
no. of Ø6 holes		6



GIR6000

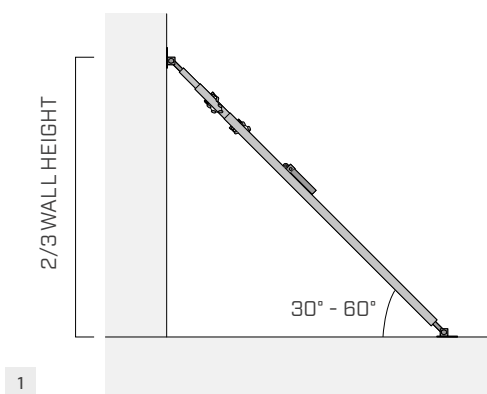
Plate thickness	[mm]	6
no. of Ø13 holes		6

TRANSPORT ELEMENT



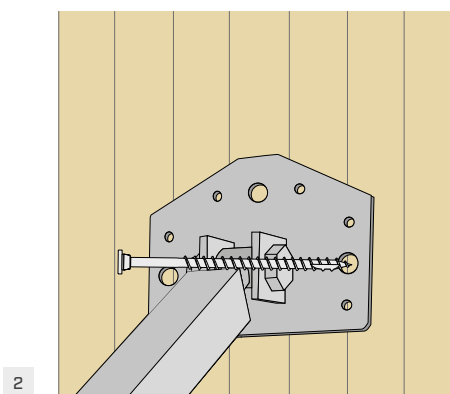
GIRHOLDER

GIRAFFE INSTALLATION



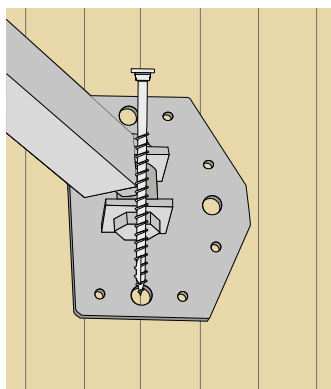
1. Place GIRAFFE on the wall and adjust its length accordingly. The support must be applied in the upper third of the wall. The angle of GIRAFFE must be between 30° and 60°.

HBS PLATE Ø10

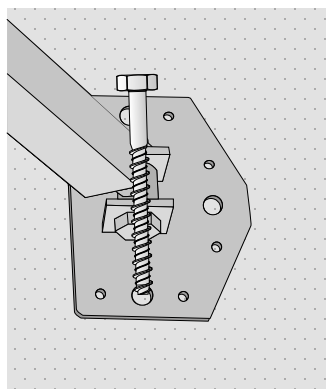


2. Fix the GIRAFFE plate to the wall using the HBS plate screws.

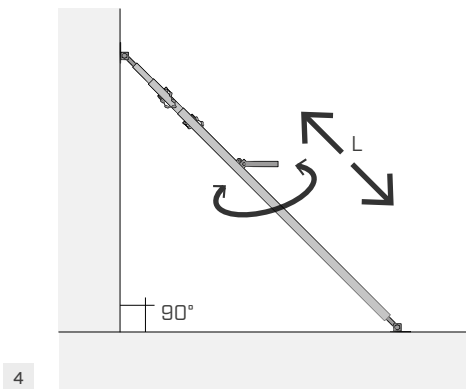
TIMBER FLOOR
HBS PLATE Ø10



CONCRETE FLOOR
SKR Ø12



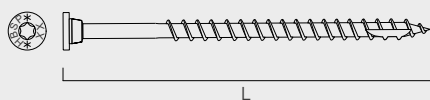
3. Fix the GIRAFFE plate to the timber floor using the HBS PLATE screws and to the concrete floor using SKR anchors.



4. Position the wall precisely by setting the length of GIRAFFE by means of the adjustment handle

CONNECTORS:

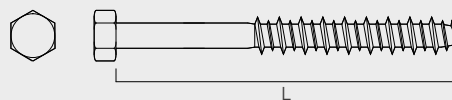
JOINT ON TIMBER - HOLES Ø13



HBS PLATE Ø10 - pan head screw
L = 100 - 180 mm*



JOINT ON CONCRETE - HOLES Ø13



SKR Ø12 - Screw anchor for concrete
L = 100 - 400 mm*

* The choice of length of the connection is assessed each time in function of the element to be supported, the type of support on which GIRAFFE is used and the load to be sustained.

STATIC VALUES

TIMBER-TO-TIMBER FASTENING

F _{max}	GIR2200	GIR3000			GIR4000			GIR6000			
	2,2	1,75	2,4	3	1,75	2,85	4	3	4	5	6
0° - 90°	2,52	12,00	10,90	6,55	15,55	8,33	5,57	20,36	17,45	11,64	6,33

STATIC VALUES

TIMBER-TO-CONCRETE FASTENING

F _{max}	GIR2200	GIR3000			GIR4000			GIR6000			
	2,2	1,75	2,4	3	1,75	2,85	4	3	4	5	6
0° - 90°	2,52	12,00	10,90	6,55	17,49	8,33	5,57	20,36	17,45	11,64	6,33

CALCULATION EXAMPLE

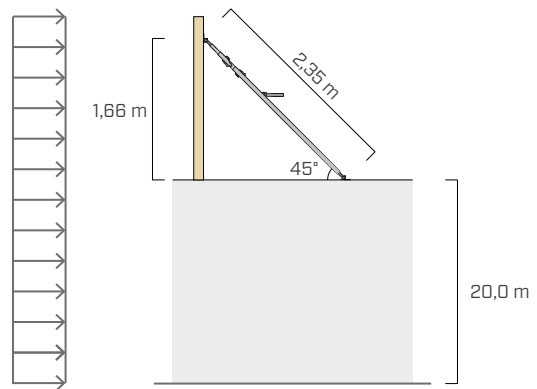
GOMETRY

$$A = 2,50 \times 5,00 \text{ m} \quad A = 12,50 \text{ m}^2$$

Fastening on CLT floor with 3 HBSP screws 10 x 100 mm.

REQUIREMENTS

Wind zone 1, height above sea level: 214 m, building height:
z = 20,0 m.



CALCULATION

ACCORDING TO EN 1991-1-4

v _b	Basic speed	25,0 m/s
q _b	Basic dynamic pressure	0,39 kN/m ²
q _{p(z)}	Dynamic pressure	$1,7 \cdot q_b \times (z/10)^{0,37} = 1,7 \times 0,39 \times (20/10)^{0,37}$ 0,86 kN/m ²

EFFECT ON THE WALL

w _{e,d}	1,5 x 0,86	1,29 kN/m ²
w _{e,d,ges}	1,29 x 12,5	16,2 kN

CHOICE OF ASSEMBLY SUPPORT

2 x GIR3000 installed at a length of approx. 2,40 m:

R _{GIR3000}	1,29 x 12,5	21,8 kN ✓
----------------------	-------------	-----------

NOTES:

- The load capacities have been determined in accordance with EN 1995:2014, EN 1993:2005 and in accordance with the ETA-11/0030 certificate and the tests carried out; they refer exclusively to the assembly support, type of fastening and angle of inclination indicated.
- The values Y_M = 1,3 and k_{mod} = 1,1, according to EN 1995:2014, have been selected for the calculation.
- The calculation was carried out taking into account the fastening using 100 HBSP10 screws and 100 SKR12 heavy duty anchors. For the concrete part a resistance of C20/25 has been assumed.
- Prerequisites for the load-bearing capacity assumption are the complete screwing of the screws and compliance with the minimum distances from the edge in accordance with EN 1995.



BEAM PULLER AND PANEL PULLER

SKORPIO

BEAM PULLER

- Knurled hooks on 4 sides to ensure effective transmission of force in the timber
- With riveted joints in place of welds that could break under stress



CODES AND DIMENSIONS

CODE	description	pcs
SKORPIO	beam puller	1
SKORPIOS	zinc plated spare hook	1
CLAMP1	ratchet for perforated tape	1



MATERIAL

Zinc plated steel hooks. Zinc plated cast steel ratchet with ergonomic PVC handle.

FIELDS OF USE

For the pressure connection of multiple elements consisting of: solid timber, CLT, beams, walls, ceilings. CLAMP1 optional for joining perforated plates and bracings.

INNOVATIVE HOOK WITH KNURLING ON 4 SIDES

rounded stop surface

holes Ø8 mm

knurling on 4 sides

tapered shape



REVERSIBLE RATCHET WITH STURDY SLOW PITCH THREAD



LOOSENING

SKORPIO can be easily separated from the timber element with a single blow on the back of the hook.

BEAM PULLER AND PANEL PULLER

GEKO

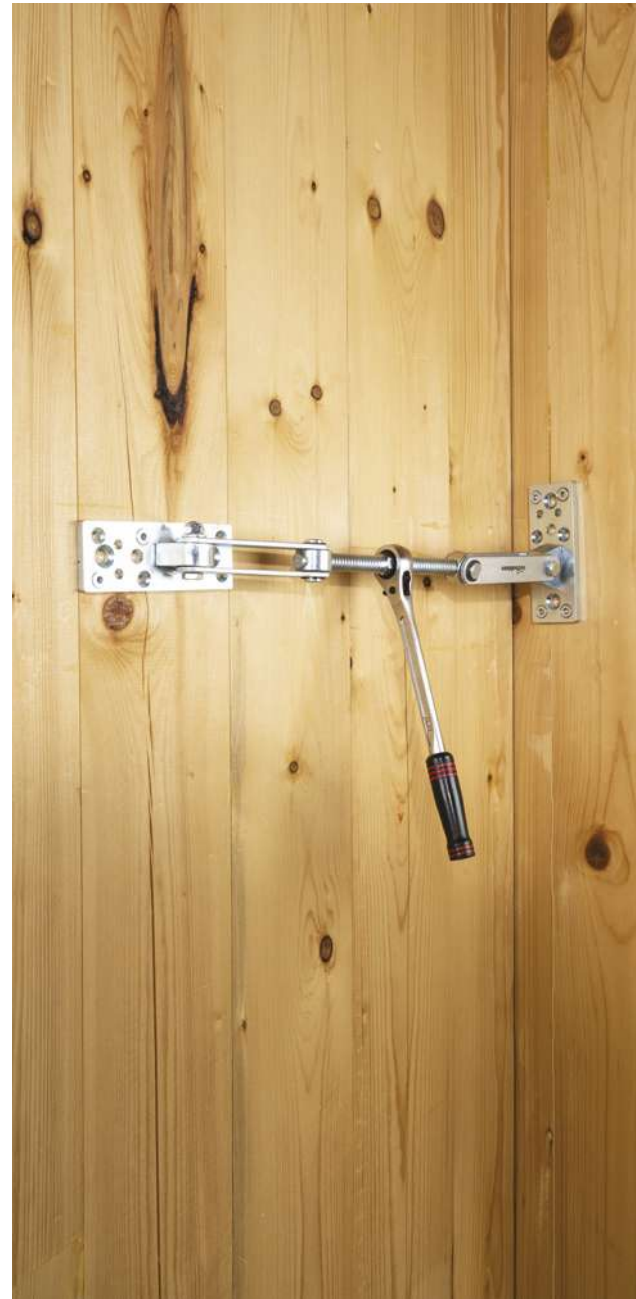
PANEL PULLER

- For the precise assembly of solid timber panels, stacked board floors, lamellar elements and more
- Thanks to the 360° turntables, it can also be used in places that are difficult to access, such as roof slopes and corners



CODES AND DIMENSIONS

CODE	description	pcs
GEKO	panel puller	1
GEKOP	60 x 160 mm zinc plated spare plates	1
CLAMP1	ratchet for perforated tape	1



360° SWIVEL

The 360° rotating plates can be fixed in any position for easy application in all situations.

RESPECTS MATERIALS

Thanks to the fastening screws, GEKO can be installed quickly and easily. Its use leaves minimal traces on the element.



GEOMETRY

Suitable screws

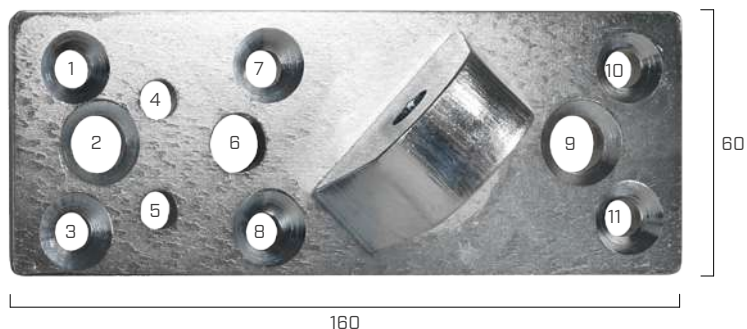
Holes 1, 3, 7, 8, 10, 11
HBS Ø6 mm, HBS Ø8 mm, LBS Ø7 mm

Holes 2, 9
HBS Ø10 mm, HBS Ø12 mm, VGS Ø11 mm

Holes 4, 5
HBSP Ø6 mm, LBS Ø7 mm

Hole 6
HBSP Ø10 mm

Plate thickness 6 mm



CLAMP1 OPTIONAL TENSIONER FOR BRACING



LBB



CLAMP1

Combined with GEKO or SKORPIO, CLAMP1 is the ideal tensioner for every perforated tape.

For more information on the perforated tape, go to www.rothoblaas.com



PERFORATED PLATE

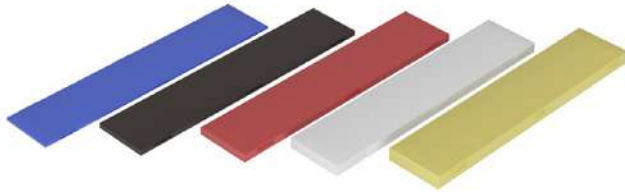
With the easy-to-assemble CLAMP1 accessory, it is also possible to tension perforated plates and tapes.

LEVELLING WEDGES

SHIM

COMPENSATION AND SHIMMING SPACERS

- Five different thicknesses to compensate the elements at the base with precision
- Special plastic with a capacity of 200 kg stable over time



CODES AND DIMENSIONS

CODE	colour	B [mm]	L [mm]	s [mm]	pcs
SHBLUE	blue	22	100	1	500
SHBLACK	black	22	100	2	500
SHRED	red	22	100	3	500
SHWHITE	white	22	100	4	500
SHYELLOW	yellow	22	100	5	500



SHIM LARGE

LARGE BIOPLASTIC SPACERS

- Five different thicknesses identifiable by colours
- High capacity up to 6000 kg



CODES AND DIMENSIONS

CODE	colour	B [mm]	L [mm]	s [mm]	pcs
LSHRED	red	50	160	2	250
LSHGREEN	green	50	160	3	250
LSHBLUE	blue	50	160	5	250
LSHWHITE	white	50	160	10	100
LSHYELLOW	yellow	50	160	15	100
LSHMIX	mix(*)	50	160	see above	80

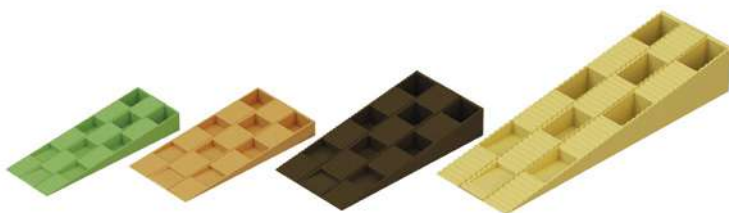
(*) 20 pcs. red, 20 pcs. green, 20 pcs. blue, 10 pcs. white, 10 pcs. yellow.





WEDGES

LEVELLING WEDGES

- The sharp toothing of the profiles makes it possible to adjust the height and lock the elements precisely, even laterally
- Also suitable for outdoor use, as humidity is not a problem



CODES AND DIMENSIONS

CODE	colour	capacity		B [mm]	L [mm]	H [mm]	pcs
		100% 	35% 				
WDGREEN	green	200	80	30	80	10	1000
WDGORAN	orange	200	80	40	80	8	1000
WDGBROW	brown	1700	600	45	90	15	500
WDGYELL	yellow	2200	760	45	150	25	324
WDGSET	mix(*)	-	-	-	-	-	245

(*) TransPack 245 (70 green - 60 orange - 75 brown - 40 yellow).



MATERIAL

Resistant polyethylene (PE). It can be fastened with normal timber screws.

FIELDS OF USE

Compensation and shimming in different areas of terrace and load-bearing structures during construction. Temporary but durable system.

LEVELLING WEDGES

NAG

LEVELLING PADS

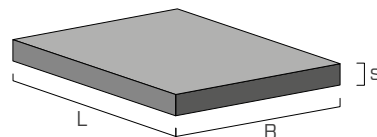
- Available in 3 different thicknesses (2,0, 3,0 and 5,0 mm)
- The EPDM material guarantees high strength, does not deform over time and ensures UV resistance



CODES AND DIMENSIONS

CODE	B [mm]	L [mm]	s [mm]	density [kg/m ³]	shore	pcs
NAG60602	60	60	2	1220	65	50
NAG60603	60	60	3	1220	65	30
NAG60605	60	60	5	1220	65	20

Application temperature from -35°C | +90°C.



STAR

STAR FOR DISTANCES

- The 5 most common dimensions in the construction of terraces and façades in a single tool
- With STAR it is possible to easily create uniformly joints



CODES AND DIMENSIONS

CODE	thickness [mm]	pcs
STAR	4, 5, 6, 7, 8	4

TERRACE CLAMPS

CRAB MINI

ONE-HANDED TERRACE CLAMP

- Ideal for any type of timber. The rubber pads protect the boards from damage
- Also ideal for vertical use on façades



CODES AND DIMENSIONS

CODE	opening [mm]	compression [kg]	pcs
CRABMINI	263 - 415	max. 200	1



CRAB MAXI

BOARD CLAMP, LARGE MODEL

- To tension from 5 to 7 boards of a terrace together, depending on width
- The swivel handle allows precise adjustments



CODES AND DIMENSIONS

CODE	opening [mm]	pcs
CRABMAXI	200 - 770	1

CODES AND DIMENSIONS

CODE	thickness [mm]	pcs
1 CRABDIST6	6,0	10
2 CRABDIST8	8,0	10
3 CRABDIST10	10,0	10



SCREW CLAMP

PINCER MONO

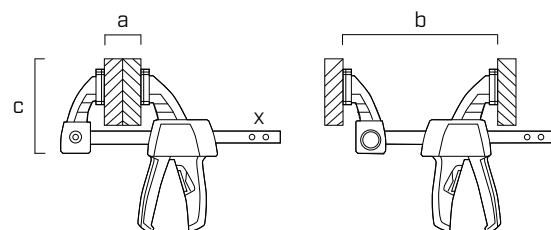
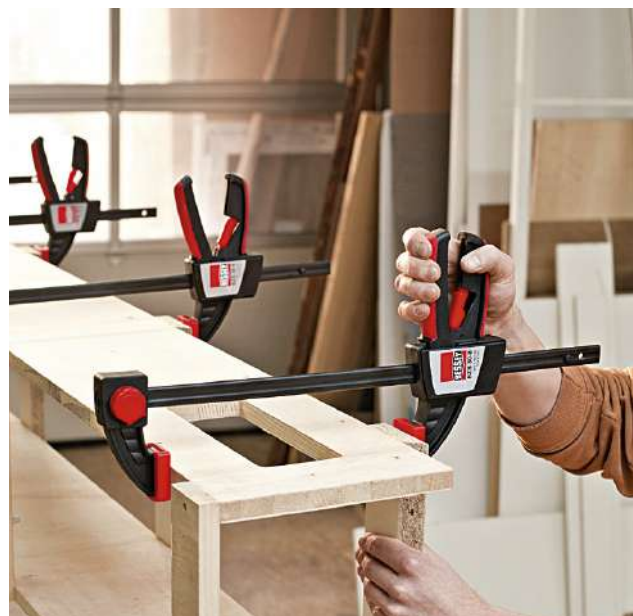
ONE-HANDED CLAMP FOR TIGHTENING AND SEPARATION

- It can be applied without the use of tools to carry out separation operations thanks to the intelligent mechanism for loosening the upper part
- Tightening torque of up to 2000 N



CODES AND DIMENSIONS

CODE	opening (a) [mm]	opening (b) [mm]	scrapping (c) [mm]	profile (x) [mm]
PIN8015	150	170 - 360	80	19 x 6
PIN8030	300	170 - 510	80	19 x 6
PIN8045	450	170 - 660	80	19 x 6
PIN8060	600	170 - 810	80	19 x 6
PIN8090	900	170 - 1110	80	19 x 6



PINCER LEVER

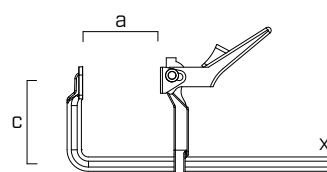
LEVER CLAMP

- Allows you to work up to 5 times faster than with a traditional clamping
- Tightening torque of up to 7,5 kN



CODES AND DIMENSIONS

CODE	opening (a) [mm]	scrapping (c) [mm]	profile (x) [mm]	pcs
PINLEV1430	300	140	25 x 12	1
PINLEV1260	600	120	25 x 12	1



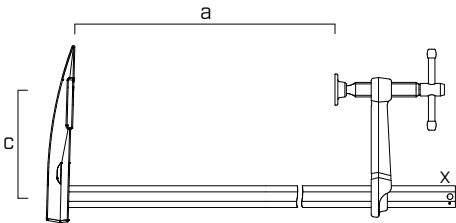
PINCER TIP ROOF CLAMP

- The large stop surface makes it easier to insert the tips and guarantees maximum stability
- Thanks to the special movable pressure plate, it can also be used in oblique position



CODES AND DIMENSIONS

CODE	opening (a) [mm]	scrapping (c) [mm]	profile (x) [mm]	pcs
PINTIP60	600	120	27 x 13	1
PINTIP80	800	140	30 x 15	1



WINBAG INFLATABLE AIR CUSHION WITH HAND PUMP MADE OF FIBRE-REINFORCED SYNTHETIC MATERIAL

- It allows fast installation of counterframes, armoured doors or windows. It can be used by a single operator, even for large projects



CODES AND DIMENSIONS

CODE	pcs
WINBAG	4

TECHNICAL SPECIFICATIONS

Characteristics	values
Load capacity	max. 135 kg
Length of spaces	2 mm - 50 mm
Material	fibre-reinforced

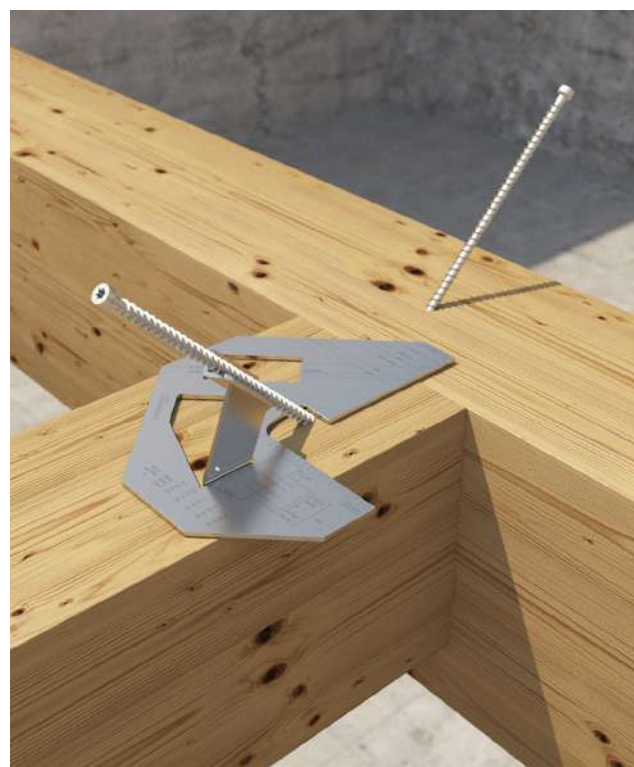
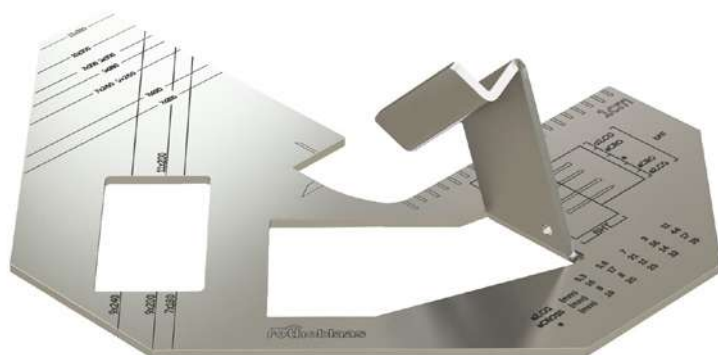


TEMPLATES

JIG VGZ 45°

TEMPLATE FOR 45° SCREW CONNECTIONS

- Its shape allows an easy and fast screwing of any type of screw with a precise inclination of 45°
- Thanks to the markings, many typical timber construction connections, both single and double, can easily be made without wasting time on time-consuming measurements



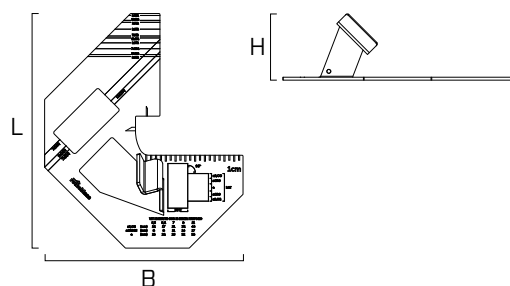
VIDEO

Scan the QR Code and watch the video on our YouTube channel



CODES AND DIMENSIONS

CODE	B [mm]	L [mm]	H [mm]	pcs
JIGVGZ45	210	253	67	1



MATERIAL

The template is made of 3 mm stainless steel and is therefore a long-lasting accessory.

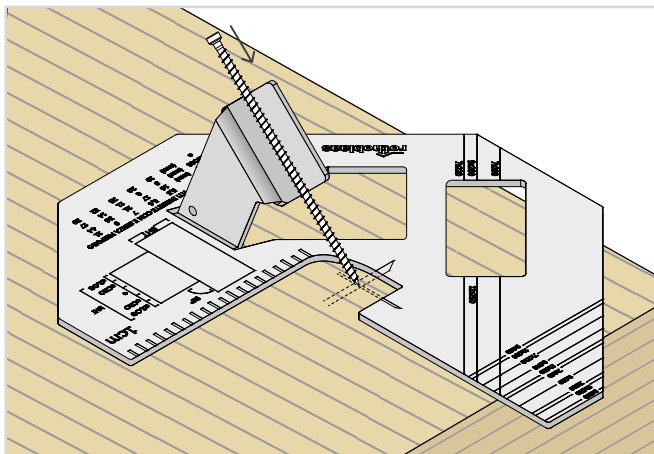
FIELDS OF USE

Timber-to-timber joints at 45° for beams and floors

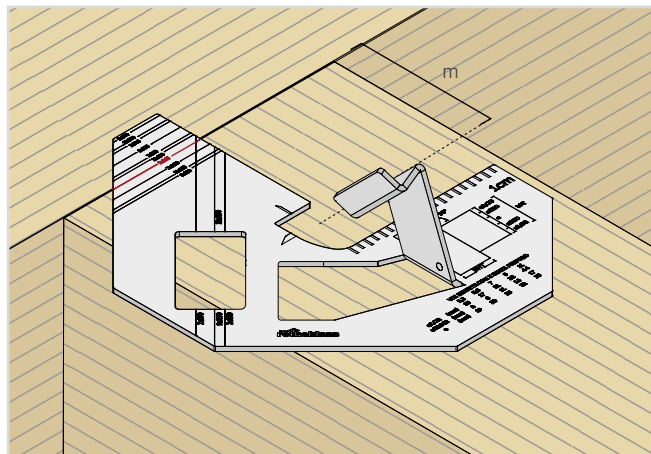
- solid timber
- CLT and LVL
- CTC screw, timber-to-concrete

INSTRUCTIONS FOR ASSEMBLY

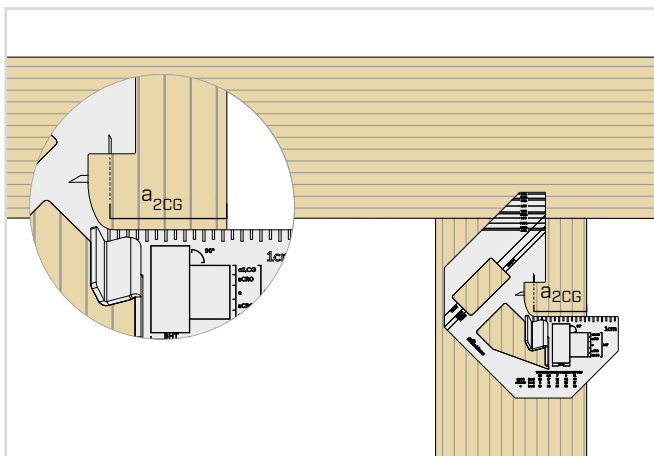
SCREW TIP POSITION



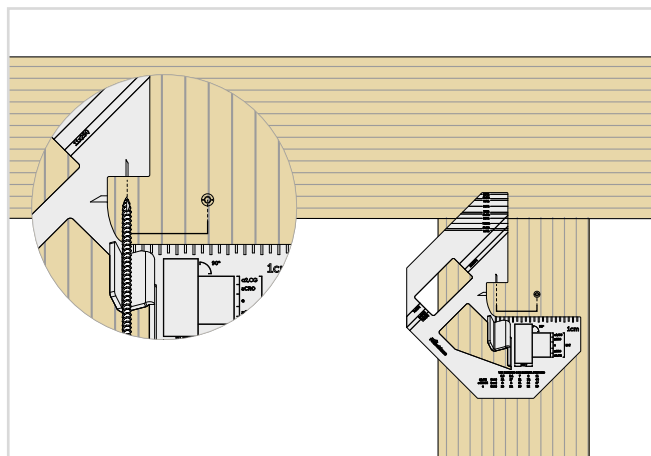
MAIN-BEAM-SECONDARY BEAM JOINT



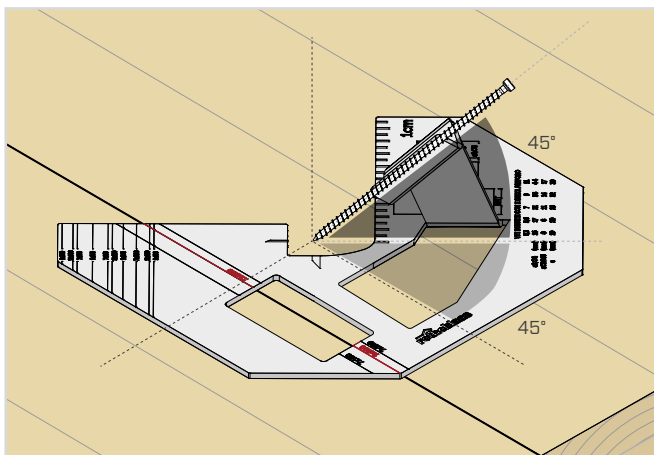
MINIMUM DISTANCE FROM THE EDGE



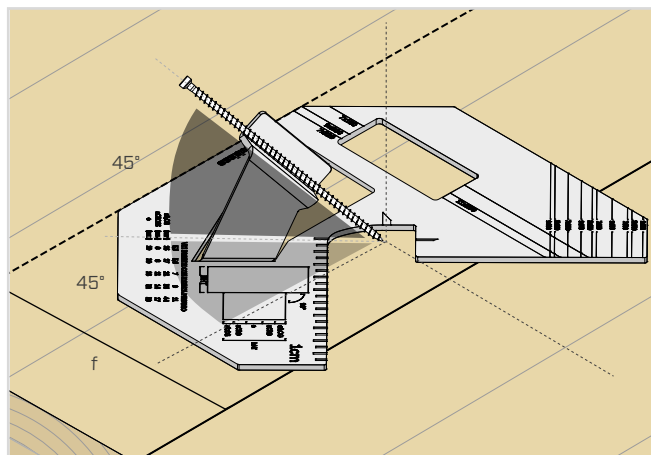
MINIMUM DISTANCES BETWEEN THE SCREWS



FLOOR-TO-FLOOR JOINT 45° + 45° TO THE RIGHT



FLOOR-TO-FLOOR JOINT 45° + 45° TO THE LEFT



NOTES:

For further information on the use of the template, refer to the assembly instructions available on our website (www.rothoblaas.com).

TEMPLATES

JIG ALU STA

DRILLING TEMPLATE FOR ALUMIDI AND ALUMAXI

- Position, drill, done! For drilling dowel holes easily, quickly and precisely
- It allows to drill precise holes for both ALUMIDI and ALUMAXI



CODES AND DIMENSIONS

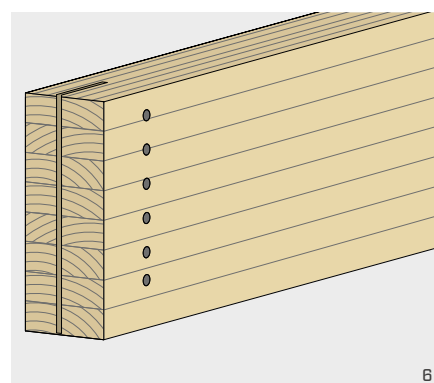
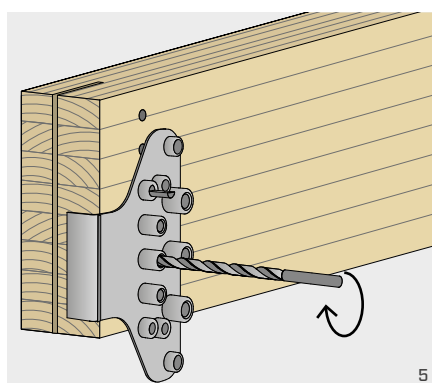
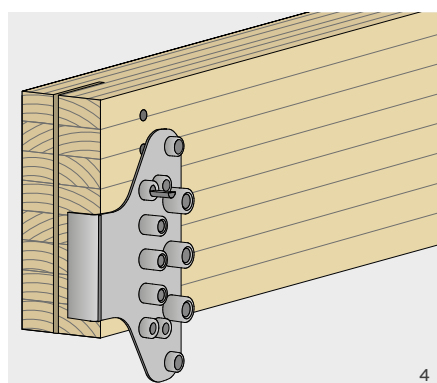
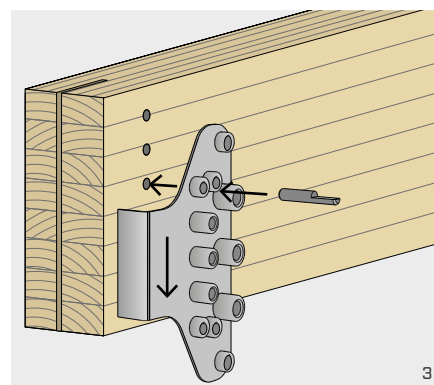
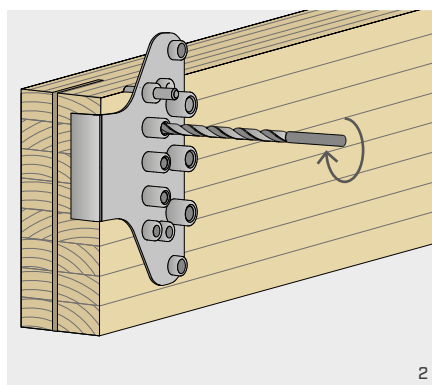
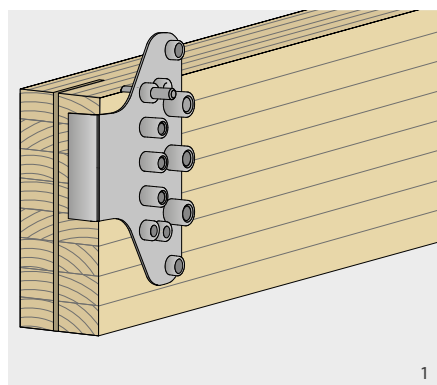
CODE	B [mm]	L [mm]	s [mm]	pcs
JIGALUSTA	164	298	3	1

VIDEO

Scan the QR Code and watch the video on our YouTube channel



APPLICATION

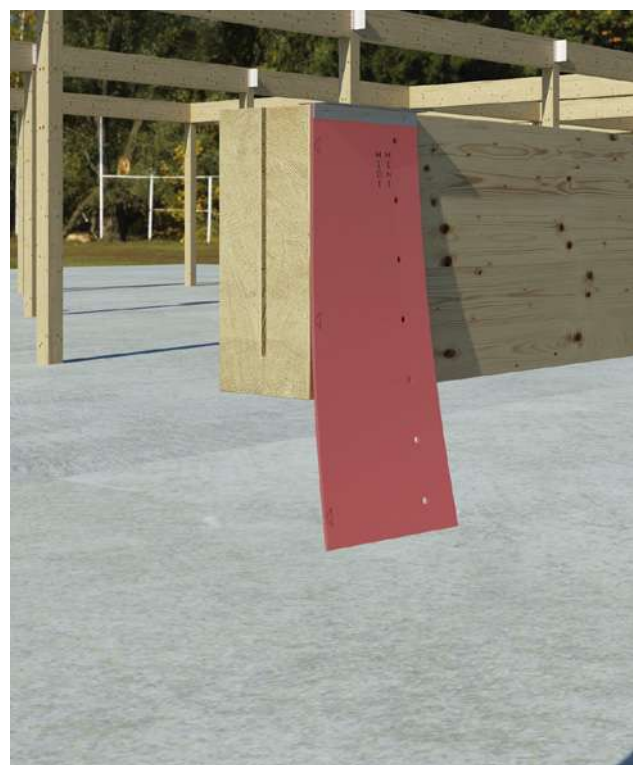
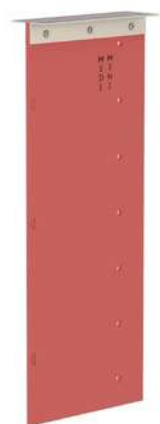




JIG ALU SBD

MARKING TEMPLATE FOR ALUMINIUM AND ALUMIDI

- For precise marking of the position of the holes for SBD dowels
- Using SBD self-drilling dowels the connection is almost completely concealed



CODES AND DIMENSIONS

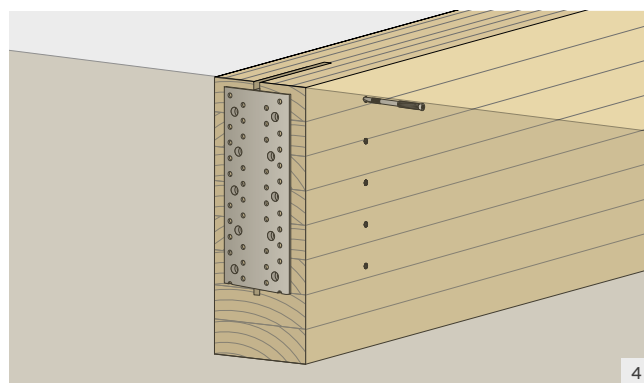
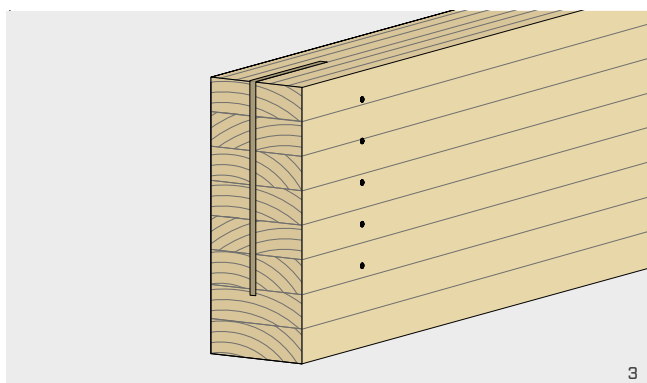
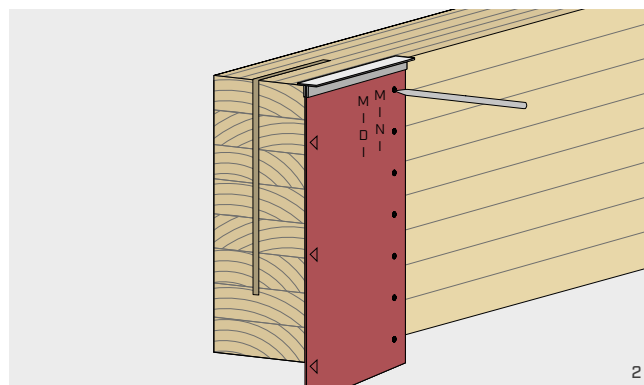
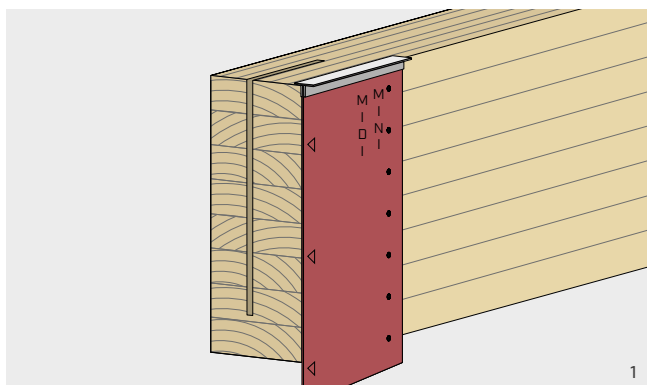
CODE	B [mm]	L [mm]	pcs
JIGALUSBD	110	280	1

VIDEO

Scan the QR Code and watch the video on our YouTube channel



APPLICATION



TEMPLATES

JIG SLOT

TEMPLATE FOR SLOT MILLING ON THE CONSTRUCTION SITE

- It enables quick and accurate milling on the construction site
- Like the SLOT connector, the template can be used on both walls and floors



CODES AND DIMENSIONS

CODE	B [mm]	L [mm]	pcs
JIGSLOT	70 + 40	600	1

COMPLEMENTARY PRODUCTS

CODE	description	pcs
SLOT90	connector	10
MA918202	Mafell K 85 manual circular saw in L-MAX	1
MA916901	Mafell LO 65 Ec T-MAX vertical milling machine	1
AT796003	extension for milling cutter	1
AT911220	templates for grooving cutters	1
STUW30	30 mm chisel	1

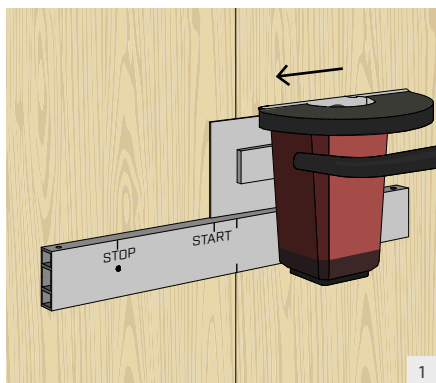


VIDEO

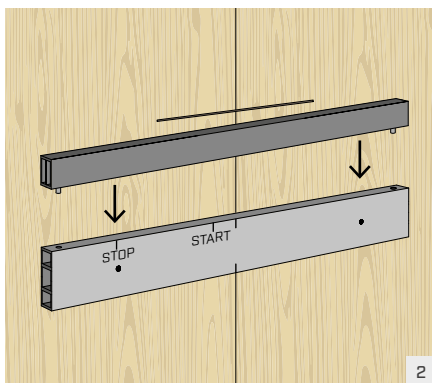
Scan the QR Code and watch the video on our YouTube channel



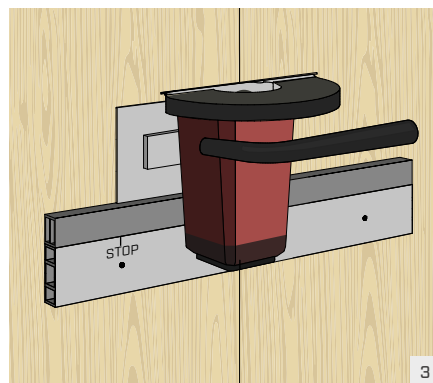
INSTRUCTIONS FOR ASSEMBLY



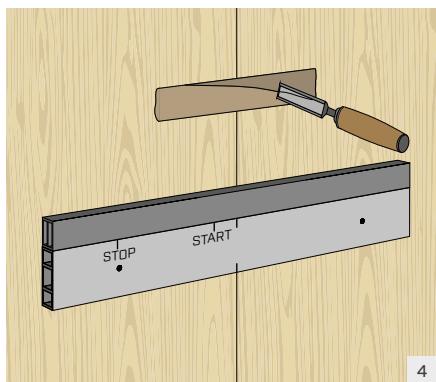
Align the marking of JIG SLOT with the joint and secure it with two screws. Position the Mafell K 85 saw on the board at the "START" marking and cut to "STOP".



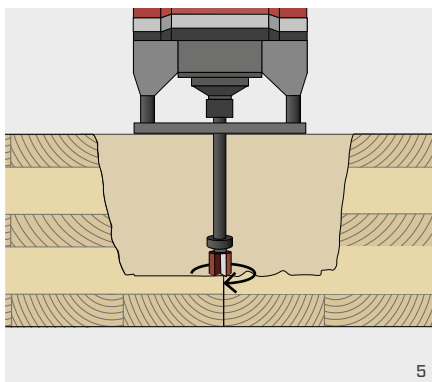
Position part B of the template. Make sure there are no chips between the parts.



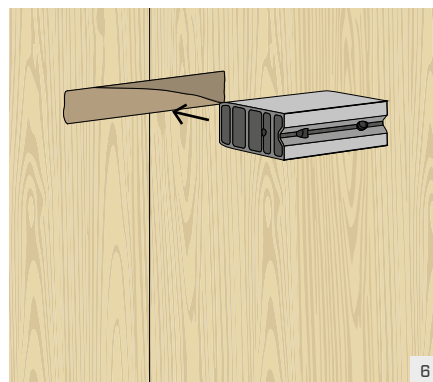
Perform the second cut with K 85. Proceed again from "START" to "STOP".



Remove the coarser material left in the slot with the chisel.



Equip the Mafell LO 65 Ec vertical milling machine with milling cutter and extension and set it to a milling depth of 90 mm. Perform the milling hole with precision; the ball bearing of the cutter acts as a stop for the cutting edges.



Remove the chips from the milling and insert the SLOT connector. Fix it with two HBS screws.

TEMPLATES

JIG PROFI

TEMPLATE FOR DOVETAIL



CODES AND DIMENSIONS

CODE	description	pcs
JIGPROFI	Profi set	1

The supply includes: Systainer, drilled template for main and secondary beam, guide device, LO 65 Ec adapter, depth stop, side stop, horizontal stop x2, tool holder.

ACCESSORIES

CODE	Material	pcs
1 ATCT2265	milling cutter 15° / stalk 20 mm	1
2 ATCT2266	guiding device	1
3 ATCT2268	anti-chip protection	1
4 AU4016	reversible knives 15°	10
5 ATCT2269	adapter for LO 65 Ec	1
6 MA916901	LO 65 Ec	1
7 ATCT2131	screw blade holder	1

VIDEO

Scan the QR Code and watch the video on our YouTube channel



APPLICATION

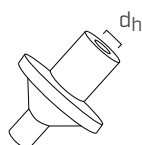


JIG VGU

JIG VGU TEMPLATE

JIG VGU TEMPLATE

CODE	washer [mm]	d _h [mm]	d _v [mm]	pcs
JIGVGU945	VGU945	5,5	5	1
JIGVGU1145	VGU1145	6,5	6	1
JIGVGU1345	VGU1345	8,5	8	1



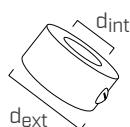
VGU WASHER

CODE	screw [mm]	d _v [mm]	pcs
VGU945	VGS Ø9	5	25
VGU1145	VGS Ø11	6	25
VGU1345	VGS Ø13	8	25



LOCKING RING FOR HSS BITS

CODE	d _v [mm]	d _{int} [mm]	d _{ext} [mm]	pcs
F2108005	5	5	10	10
F2108006	6	6	12	10
F2108008	8	8	16	10



d_v = Pre-drilling hole diameter

For the appropriate tips see page 185.



JIG ROUTER

TEMPLATE FOR POCKET MILLING

- Milling is carried out by means of a milling machine, stop ring and cylindrical milling machine
- For milling of min. 100 mm (width) x 120 mm (height) up to max. 265 mm (width) x 275 mm (height)



CODES AND DIMENSIONS

CODE	description	pcs
JIGROUTER	milling template	1

COMPLEMENTARY PRODUCTS

CODE	description	pcs
MA916950	Mafell LO 65 Ec MidiMAX vertical milling machine	1
MA916901	Mafell LO 65 Ec MaxiMAX vertical milling machine	1



TARPAULINS FOR ROOFS

CAP SUPER

ROOFING SYSTEM FOR CONSTRUCTION SITES

- With this solution you can reduce or increase the size of the roofing system to adapt it to the floors
- Thanks to the reinforced metal eyelets on the edge and underside, the tarpaulin can be fixed every metre on the roof
- The large mass per unit area and the type of material guarantee better mechanical resistance and durability over time

CODES AND DIMENSIONS

CODE	description	pcs
1 CAPSUPER88	tarpaulin for roof 8 x 8 m	1
2 CAPSUPER48	1/2 tarpaulin for roof 8 x 4 m	1
3 CAPSUPERCOL	sealing element	1
4 CAPSUPERPAD	inflatable element	1
5 CAPSUPERPIL	element for columns	1

COMPLEMENTARY PRODUCTS

CODE	description	pcs
6 CAPPUMP	adapter for pneumatic compressor	1
7 CAPLOOP	fastening carabiner	25
8 CAPGLUE	50 ml repair adhesive	1



VIDEO

Scan the QR Code and watch the video on our YouTube channel



MATERIAL

Sturdy, slightly transparent polyester fabric for immediate identification of openings and elements under the tarpaulin.

PROTECTION

Durable protection against moisture and dust penetration in the event of delays and work stoppages, or if the floor remains uncovered for extended periods.



TECHNICAL SPECIFICATIONS

Characteristics	standard	values
Mass per unit area	ISO 2286-2	670 g/m ²
Thickness	ISO 2286-3	0,5 mm
Tensile strength (transverse and longitudinal)	EN ISO 1421	3000 / 3000 N/50 mm
Tear resistance (transverse and longitudinal)	DIN 53363	300 / 300 N
Cold resistance	EN 1876-1 ASTM D2136	-30°C
Temperature resistance	IVK/Pkt.5	+70°C
UV colour resistance	ISO 107-B02	7/8 (on a scale from 1 to 8)
Bending strength	DIN 53359 shape A	100,000 x - no cracks



COLUMNS

Thanks to the adjustable element for columns, it is also possible to hermetically seal chimney or pillar crossing points.

TARPAULINS FOR ROOFS

CAP TOP

TARPAULIN FOR ROOFS

- Each size is equipped with a reinforced lifting hook for easier installation
- Thanks to the metal fastening eyelets every metre, it is possible to fix the tarpaulin to the roof
- The large mass per unit area and the type of material guarantee better mechanical resistance and durability over time
- When fixing the tarpaulin to the roof it is important that all eyelets are always anchored so that the wind load is spread over as many eyelets as possible

CODES AND DIMENSIONS

CODE	sizes [m]	weight [kg]	pcs
CAPTOP1012	10 x 12	72,0	1
CAPTOP1214	12 x 14	100,8	1
CAPTOP1416	14 x 16	134,4	1

Other sizes and/or personalised sheets can be supplied on request.

TECHNICAL SPECIFICATIONS

Characteristics	standard	values
Mass per unit area	ISO 2286-2	600 g/m ²
Thickness	ISO 2286-3	0,5 mm
Tensile strength (transverse and longitudinal)	ISO 1421-1	2200 / 2000 N/50 mm
Tear resistance (transverse and longitudinal)	ISO 1421-1	280 / 250 N/50 mm
UV colour resistance	ISO 105 B02	7/8 (on a scale from 1 to 8)
Eyelet tear resistance	-	100 kg



MATERIAL

Truck tarpaulin in polyester covered in matt lacquered PVC.

PROTECTION

During construction, it offers temporary protection against rain and avoids infiltration of dust and construction remains into the cracks between the panels.

CAP PLUS

TARPAULIN FOR ROOFS

- Good mechanical characteristics resistant to both tension and tearing
- Thanks to the metal fastening eyelets positioned every metre, it is possible to fix the tarpaulin firmly to the roof

CODES AND DIMENSIONS

CODE	sizes [m]	weight [kg]	pcs
CAPPLUS0810	8 x 10	24,0	1
CAPPLUS1012	10 x 12	36,0	1
CAPPLUS1214	12 x 14	50,4	1
CAPPLUS1416	14 x 16	67,2	1
CAPPLUS1618	16 x 18	86,4	1

TECHNICAL SPECIFICATIONS

Characteristics	standard	values
Mass per unit area	ISO 2286-2	300 g/m ²
Thickness	ISO 2286-3	0,4 mm
Tensile strength (transverse and longitudinal)	ISO 1421-1	1200 / 1000 N/50 mm
Tear resistance (transverse and longitudinal)	ISO 1421-1	130 / 80 N/50 mm



CAP ECO

TARPAULIN FOR ROOFS

- The black inner fabric gives better resistance to UV rays
- Thanks to the metal fastening eyelets positioned every metre, it is possible to fix the tarpaulin firmly to the roof

CODES AND DIMENSIONS

CODE	sizes [m]	weight [kg]	pcs
CAPECO0410	4 x 10	8,4	1
CAPECO0810	8 x 10	16,8	1

TECHNICAL SPECIFICATIONS




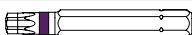



Characteristics	standard	values
Mass per unit area	ISO 2286-2	210 g/m ²
Thickness	ISO 2286-3	0,27 mm
Tensile strength (transverse and longitudinal)	ISO 1421-1	980 / 920 N/50 mm
Tear resistance (transverse and longitudinal)	ISO 1421-1	120 / 75 N/50 mm



BIT

CODES AND DIMENSIONS

C 6.3 BIT

L [mm]	CODE	bit	colour	connection	geometry	pcs
25	TX1025	TX 10	yellow	1/4"		10
	TX1525	TX 15	white	1/4"		10
	TX2025	TX 20	orange	1/4"		10
	TX2525	TX 25	red	1/4"		10
	TX3025	TX 30	purple	1/4"		10
	TX4025	TX 40	blue	1/4"		10
	TX5025	TX 50	green	1/4"		10
50	TX1550	TX 15	white	1/4"		5
	TX2050	TX 20	orange	1/4"		5
	TX2550	TX 25	red	1/4"		5
	TX3050	TX 30	purple	1/4"		5
	TX4050	TX 40	blue	1/4"		5
	TX4050L(*)	TX 40	blue	5/16"		1
	TX5050	TX 50	green	5/16"		5
75	TX1575	TX 15	white	1/4"		5
	TX2075	TX 20	orange	1/4"		5
	TX2575	TX 25	red	1/4"		5

(*) NOTES: Special tip for CATCH L.

E 6.3 INSERT WITH BALL SOCKET FOR IMPACT SCREWDRIVER

L [mm]	CODE	bit	colour	connection	geometry	pcs
50	TXE3050	TX 30	purple	1/4"		5
	TXE4050	TX 40	blue	1/4"		5

LONG BIT

L [mm]	CODE	bit	colour	connection	geometry	pcs
150	TX25150	TX 25	red	1/4"		1
200	TX30200	TX 30	purple	1/4"		1
350	TX30350	TX 30	purple	1/4"		1
150	TX40150	TX 40	blue	1/4"		1
200	TX40200	TX 40	blue	1/4"		1
350	TX40350	TX 40	blue	1/4"		1
520	TX40520	TX 40	blue	1/4"		1
150	TX50150	TX 50	green	5/16"		1

DRIVER BIT HOLDER

CODE	description	connection	geometry	pcs
TXHOLD	60 mm - magnetic	1/4" - 1/4"		5

ACCESSORIES FOR BITS

BIT STOP

AUTOMATIC SCREWING DEVICE WITH DEPTH STOP



CODES AND DIMENSIONS

CODE	description	connection	pcs
AT4030	adjustable depth	1/4" bits, 25 mm	1



ANGLE

ANGLE SCREWING DEVICE



F1598750



F1598757

CODES AND DIMENSIONS

CODE	description	bit connection	angle	height	pcs
F1598750	angle screwdriver	1/4"	90°	40 mm	1
F1598757	set with angle screwdriver, bits for timber twist drill bits Ø3, 4, 5, 6 mm, counterbore cutter and drill chuck				1



SOCKET

SOCKET



CODES AND DIMENSIONS

CODE	wrench size	machine housing	pcs
SOCKET10	10	1/2"	1
SOCKET12	12	1/2"	1
SOCKET13	13	1/2"	1
SOCKET15	15	1/2"	1
SOCKET16	16	1/2"	1
SOCKET17	17	1/2"	1
SOCKET18	18	1/2"	1
SOCKET19	19	1/2"	1
SOCKET21	21	1/2"	1
SOCKET24	24	1/2"	1
SOCKETBIT	bit holder 1/4"	1/2"	1



CARTRIDGE GUNS

FLY SOFT

SEALANT GUN FOR 600 ml SOFT CARTRIDGES

- For all soft cartridges up to 600 ml, robust body



CODES AND DIMENSIONS

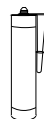
CODE	description	pcs
FLYSOFT	for 600 ml soft cartridges	1



FLY

PROFESSIONAL GUN FOR 310 ml CARTRIDGES

- High stability gun for standard 310 ml cartridges



CODES AND DIMENSIONS

CODE	description	pcs
FLY	for cartridges of 310 ml	1



MAMMOTH

SPECIAL GUN FOR 400 ml CARTRIDGES

- Large, strong gun for 400 ml cartridges (e.g. VIN-FIX PRO)



CODES AND DIMENSIONS

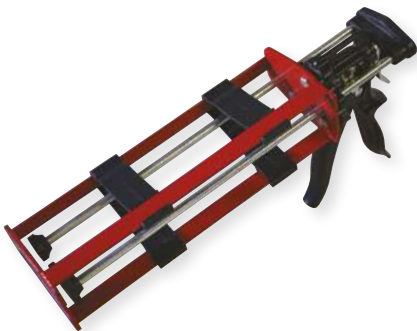
CODE	description	pcs
MAM400	for cartridges of 400 ml	1



MAMMOTH DOUBLE

SPECIAL GUN FOR TWO-COMPONENT ADHESIVE

- Suitable for XEPOX line cartridges, such as XEPOXF400 and XEPOXD400



CODES AND DIMENSIONS

CODE	description	pcs
MAMDB	for double cartridge	1



ACCESSORIES FOR CARTRIDGE GUNS

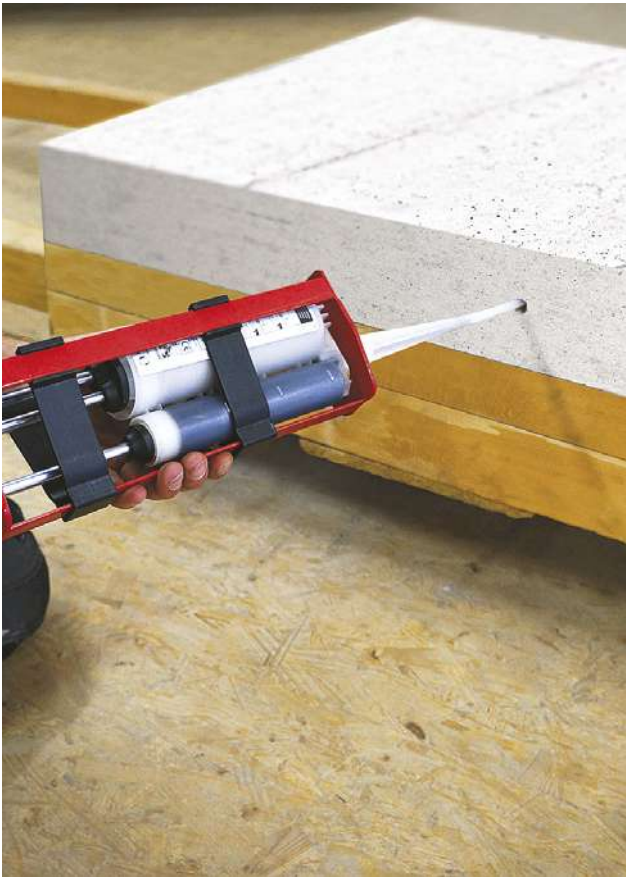
STING NOZZLE

- Spare nozzle for cartridges



CODES AND DIMENSIONS

CODE	description	pcs
1 STING	spare nozzle for 300 and 400 ml cartridges	12
2 STINGXP	spare nozzle for two-component adhesive	1



PONY POCKET AIR PUMP FOR HOLE CLEANSING

- Cleaning the holes by blowing is necessary before installing heavy chemical anchors



CODES AND DIMENSIONS

CODE	pcs
PONY	1



FLY FOAM

AUTOMATIC LONG TUBE GUN FOR FOAMS

- For all common bayonet lock foam cartridges
- With screw for flow regulation



CODES AND DIMENSIONS

CODE	description	pcs
FLYFOAM	foam gun	1



FOAM CLEANER

DETERGENT FOR CARTRIDGE GUNS

- Spray detergent for the removal of foam residues that hinder the opening of the gun for internal cleaning



CODES AND DIMENSIONS

CODE	content [ml]	pcs
FLYCLEAN	500	12



CONSTRUCTION ADHESIVE

WEB V

TIMBER GLUE D3

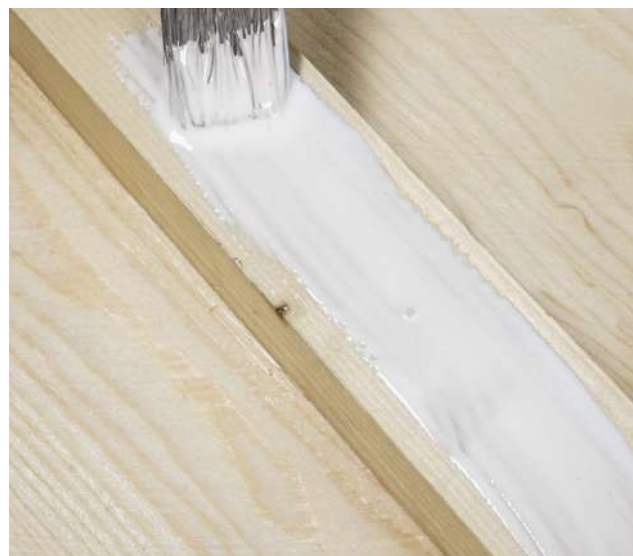
- For cold, hot and high-frequency gluing of soft, hard and exotic timbers
- It complies with the requirements of the IFT guidelines: "Gluing on timber windows"
- Glued joints can be smoothed once the glue has hardened

CODES AND DIMENSIONS

CODE	content [kg]	pcs
WEBV	12	1

TECHNICAL SPECIFICATIONS

Minimum application temperature	+7 °C
Quantity to be applied (depending on the support)	approx. 150 g/m ²
Heat bonding strength according to EN 14257 (WATT 91)	approx. 7,1 N/mm ²
Setting time: filling bonding at +20 °C (at 60 °C)	22 min (7 min)
Setting time: surfaces bonding at +20 °C (at 60 °C)	15 min (10 min)
Setting time: high frequency bonding	0,5 - 4 min
Pressure	0,2 - 0,4 N/mm ²
Storage: if closed, max. 12 months at temperatures from	+15 °C to +25 °C



WEB BUILD

POLYURETHANE CONSTRUCTION ADHESIVE

- Universal: for the construction of windows, doors, stairs and various industrial applications
- Solvent-free
- The hardened glued joints can be sanded and painted with different systems
- Expands during the setting process

CODES AND DIMENSIONS

CODE	content [ml]	pcs
WEBBUILD	310	20

Suitable FLY cartridge gun on page 46.

TECHNICAL SPECIFICATIONS

Minimum application temperature	+7 °C
Quantity to be applied (depending on the support)	approx. 100 - 200 ml/m ²
Heat bonding strength according to EN 14257 (WATT 91)	approx. 7,1 N/mm ²
Setting time: filling bonding at + 20 °C (at 60 °C)	22 min (7 min)
Film formation after	approx. 2 - 5 min
Setting time: filling bonding at +20 °C (at 60 °C)	22 min (7 min)
Setting time: surfaces bonding at +20 °C (at 60 °C)	15 min (10 min)
Pressure	approx. 1,0 N/mm ²
Hardened colour	beige
Storage: if closed, max. 12 months at temperatures from	+15 °C to +25 °C



WEB PU

POLYURETHANE ADHESIVE

- Building adhesive for gluing surfaces, creating railing elements and sandwich structures and various industrial uses
- Good adhesive properties on various materials, e.g. PVC (rigid), GFRP (sanded), aluminium, various insulation materials such as PUR and PR foams and pre-treated mineral wool
- Without solvents
- The hardened glued joints can be painted with different systems
- Expands (foam) during the setting process

CODES AND DIMENSIONS

CODE	content [g]	pcs
WEBPU	500	20



TECHNICAL SPECIFICATIONS

Minimum application temperature	+7 °C
Quantity to be applied (depending on the support)	approx. 100 - 350 g/m ²
Heat bonding strength according to EN 14257 (WATT 91)	approx. 8,5 N/mm ²
Film formation after	approx. 25 - 35 min
Setting time: timber-to-timber bonding at +20 °C	90 min
Hardened colour	brown
Storage: if closed, max. 12 months at temperatures from	+15 °C to +25 °C

FROG

SILICONE-FREE WOOD LUBRICANT

- For woodworking machinery that involves sliding wood on metal parts
- It neutralises resin, preventing it from sticking and mixing with chips and sawdust



CODES AND DIMENSIONS

CODE	description	content [l]	pcs
FROG1	sprayer	1	1
FROG5	can	5	1



TWO COMPONENTS EPOXY ADHESIVE

HIGH PERFORMANCE

High-performance two-components epoxy adhesive. The strength of the connection is dependent on the timber due to the adhesives over-performance.

RELIABLE

Durability is demonstrated by over thirty years of use in the timber construction industry.



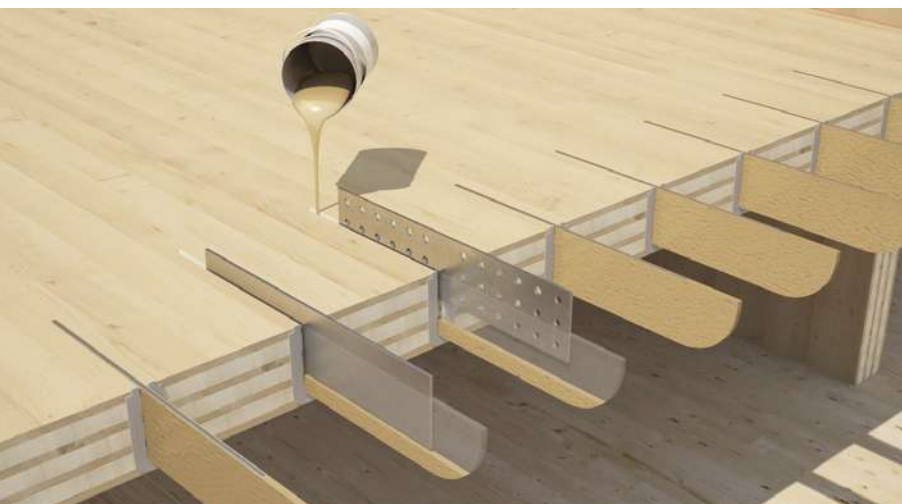
CHARACTERISTICS

FOCUS	static repair and structural bonding
TYPE	joints with threaded rods, perforated and sandblasted plates
RANGE	5 products to answer to any need
APPLICATION	applicable by spraying, brush, percolation or spatula, depending on viscosity



VIDEO

Scan the QR Code and watch the video on our YouTube channel



MATERIAL

Two components epoxy adhesive.

FIELDS OF USE

Shear joints and bending resistant connections

- solid timber and glulam
- CLT
- concrete

CODES AND DIMENSIONS

DRUMS

CODE	description	content [ml]	pcs
XEPOXP3000	P - primer	A + B = 3000	1
XEPOXL3000	L - liquid	A + B = 3000	1
XEPOXL5000		A + B = 5000	1
XEPOXF3000	F - fluid	A + B = 3000	1
XEPOXF5000		A + B = 5000	1
XEPOXG3000	G - gel	A + B = 3000	1

CARTRIDGES

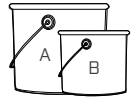
CODE	description	content [ml]	pcs
XEPOXF400	F - fluid	400	12
XEPOXD400	D - dense	400	12

ADDITIONAL PRODUCTS - ACCESSORIES

CODE	description	pcs
MAMDB	double cartridge gun	1
STINGXP	mixing nozzle	1

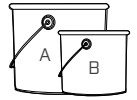
XEPOX P - primer

Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2. Component B classification: Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 3.



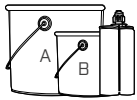
XEPOX L - liquid

Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2. Component B classification: Acute Tox. 4; STOT RE 2; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 3.



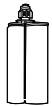
XEPOX F - fluid

Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2. Component B classification: STOT RE 2; Skin Corr. 1A; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 3.



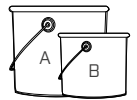
XEPOX D - dense

Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2. Component B classification: Repr. 1A; Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 3.



XEPOX G - gel

Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2. Component B classification: Acute Tox. 4; Skin Corr. 1A; Eye Dam. 1; STOT SE 3; Skin Sens. 1; Aquatic Chronic 3.



MAMDB



STINGXP



STATIC JOINT

XEPOX glue is also suitable for structural work. The calculation tools are available at www.rothoblaas.com.

■ XEPOX EPOXY ADHESIVE

A HISTORIC FAMILY OF PRODUCTS USED TO CONNECT TIMBER ELEMENTS WHICH GUARANTEES AN EXCELLENT RESTORING OF STRENGTH AND STIFFNESS.

XEPOX epoxy adhesives are two-component resins specifically formulated to penetrate the microstructure of wood and adhere to it with great effectiveness, and to reduce the typical resin crystallization.

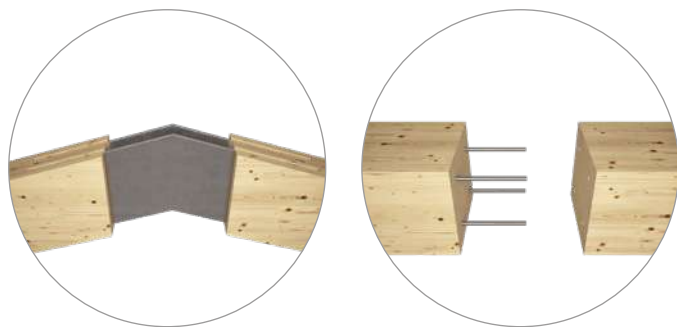
The mixture of components A and B causes an exothermic reaction (heat development) and, once hardened, forms a three-dimensional structure with exceptional properties, such as: durability over time, interaction with no humidity, excellent thermal stability, great stiffness and strength.

Each chemical or mineral element of the formulation has a specific role and all together they contribute to the achievement of the performance characteristics of the adhesive.

■ FIELDS OF USE

The different viscosities of XEPOX products guarantee versatile uses for different types of joints, both for new constructions and for structural renovation. The use in combination with steel, in particular plates, sandblasted or drilled, and rods, allows to provide high strength in limited thickness.

1. MOMENT RESISTING JOINT



2. TWO- OR THREE-WAY CONNECTIONS



3. TIMBER JOINT



4. REHABILITATION OF DAMAGED PARTS



■ AESTHETIC IMPROVEMENTS

The cartridge format also allows it to be used for aesthetic adjustments and gluing in small quantities.



SPEEDS UP XEPOX INSTALLATION



Our tailor-made solution.

If you want to improve the efficiency in installing our epoxy fixings, you have found the right partner. We have the possibility to develop on request a hydraulic system to automate the supply of XEPOX resin in the factory, considerably speeding up the time for building the joints.

Want to know more? Contact your local agent!



www.rothoblaas.com

rothoblaas

Solutions for Building Technology

PRIMER

PRIMER

UNIVERSAL PRIMER FOR ACRYLIC ADHESIVE TAPES

- Fast dry acrylic dispersion primer, solvent-free
- It can be applied by brush, adheres perfectly to rough surfaces

CODES AND DIMENSIONS

CODE	content [kg]	yield [m ²]	colour	pcs
PRIMER	1,0	approx. 5,0	clear	1



PRIMER SPRAY

UNIVERSAL SPRAY FOUNDATIONS FOR ACRYLIC ADHESIVE TAPES

- Applicable without brush or other tools thanks to adjustable nozzles

CODES AND DIMENSIONS

CODE	content [ml]	pcs
PRIMERSPRAY	750	12



Nothing can pass from here

Rely on the breadth of our range of glues, foams, sealants and profiles to meet every need for waterproofing, airtightness and soundproofing. Whether it's water, air or noise, nothing will pass! Specific solutions for fire resistance and outdoor applications complete the offer. Discover them all!



ROLLS AND ACCESSORIES

ROLLER

ROLL FOR BELTS



CODES AND DIMENSIONS

CODE	description	size [mm]	pcs
RLL45	PUR roll	45	1



SPEEDY ROLL

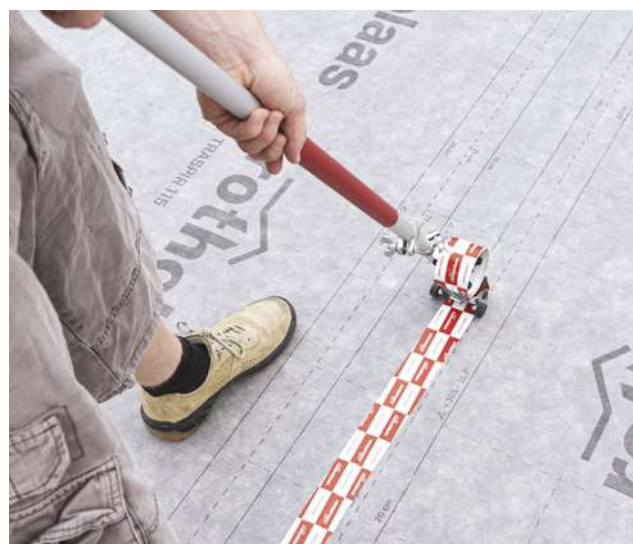
SPEEDY BAND UNWINDER WITH LONG HANDLE

CODES AND DIMENSIONS

CODE	description	length [cm]	pcs
SPEEDYROLL	SPEEDY BAND unwinder	120 - 200	1

OPTIONAL ITEMS

CODE	B [mm]	L [m]	pcs
SPEEDY60	60	25	10



KOMPRI CLAMP

EXPANDING TAPE STAPLE

CODES AND DIMENSIONS

CODE	opening dimensions [mm]	pcs
KOMPRICLAMPS	0-30	5
KOMPRICLAMPL	40-95	5

OPTIONAL ITEMS

CODE	B [mm]	L [m]	s _{max} [mm]	f [mm]	pcs
KOMPRI1010	10	13	10	1 - 4	30
KOMPRI1015	15	13	10	1 - 4	20
KOMPRI2015	15	8	20	4 - 10	20
KOMPRI3015	15	4,3	30	6 - 15	20
KOMPRI4520	20	3,3	45	9 - 20	15



HAMMERS

PICARD 790

PROFESSIONAL HAMMER

- Forged from a single piece of metal, with prime choice untreated leather handle
- The balanced handle ensures excellent control and maximum impact force
- Carefully tempered smooth flat head. Also available with knurled head on request



CODES AND DIMENSIONS

CODE	weight head	pcs
	[g]	
PIC790	600	1



PICARD 600

A CLASSIC

- The especially developed bicomponent plastic material joins the grip to the handle for extra safe use
- For even greater safety, the head is fastened to the handle by a tempered steel pin in place of the common elastic dowel
- Flat smooth head, also available with roughened surface on request



CODES AND DIMENSIONS

CODE	weight head	pcs
	[g]	
PIC600	600	1



CHISEL

HIGH-QUALITY CHISEL WITH ERGONOMIC GRIP

HIGH QUALITY

Extra-strong and long blade for greater precision.

25° CUTTING ANGLE

Sharp, ready to use cutting edge.



CODES AND DIMENSIONS

	CODE	blade length		pcs
		[mm]	[mm]	
1	STUK10	10	122	1
	STUK12	12	125	1
	STUK14	14	125	1
	STUK16	16	126	1
2	CODE	blade length		pcs
		[mm]	[mm]	
		[mm]	[mm]	
	STUW30	30	176	1
	STUW40	40	184	1

OPTIONAL ITEMS AND DIMENSIONS

CODE	description	content	pcs
		[ml]	
DROP	oil for sharpening	50	1
CODE	description	size	pcs
		[mm]	
CHEW	grinding wheel for sharpening	approx. 90 x 40 x 10/2	1



MATERIAL

High-alloyed tool steel (WS) chisel that does not lose its sharpness. Knotless hornbeam and highly impact-resistant polypropylene (PP) handle.

FIELDS OF USE

An indispensable chisel for many fields of application in woodworking. The accessories keep the chisel sharp and make work easier.

LIFTING LEVERS

TALON ANKER

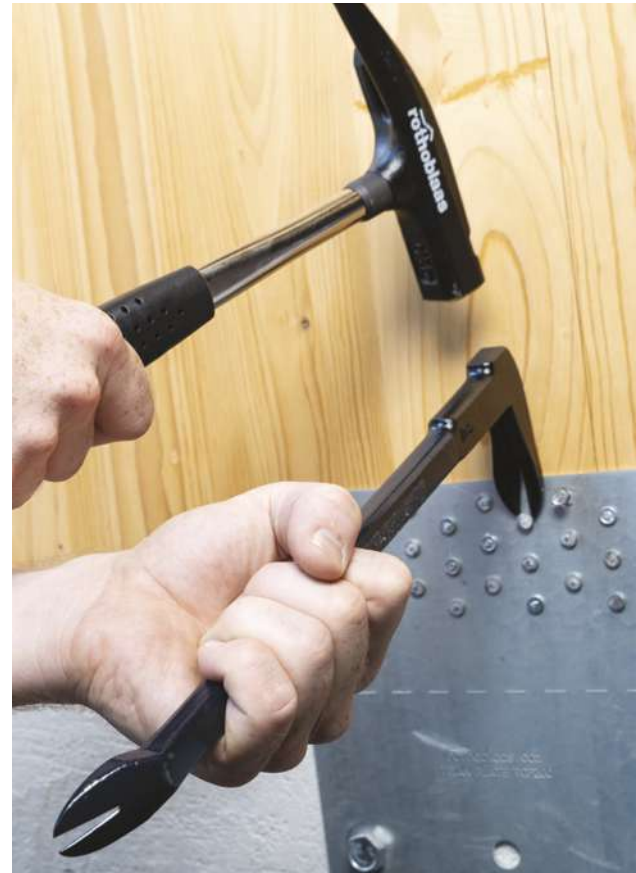
ANKER NAIL PULLER

- For the extraction of Anker nails from perforated plates, angle brackets, metal hangers (max. diameter of the screw shank: 5 mm)



CODES AND DIMENSIONS

CODE	length [mm]	pcs
TALANK	360	1



HORNS

CARPENTER'S PRY BAR

- Ideal for removing cladding boards from trusses



CODES AND DIMENSIONS

CODE	length [mm]	pcs
HORNS	925	1



GORILLA NAIL CROWBAR

- Universal crowbar for lifting, assembling and extracting.
Available in two lengths



CODES AND DIMENSIONS

CODE	length [mm]	pcs
GOR60	600	1
GOR120	1200	1



ANT LARGE LIFTING LEVER

- Extremely robust lifting lever, ideal for positioning elements
in solid timber structures



CODES AND DIMENSIONS

CODE	length [mm]	weight [kg]	lifting force [kg]	pcs
ANT	1500	5,1	3000	1



CRICKET

8 SIZES RATCHETING WRENCH

DIFFERENT SIZES

Ratcheting wrench with through hole and 8 bushings of varying sizes.

PRACTICAL

4 ring wrenches in a single tool.



CODES AND DIMENSIONS

CODE	dimensions / thread [SW / M]	length [mm]	pcs
CRICKET	10 / M6 - 13 / M8 14 / (M8) - 17 / M10	340	1
	19 / M12 - 22 / M14 24 / M16 - 27 / M18		



MATERIAL

The long hardened steel handle allows effective tightening of nuts and bolts and ensures ratchet durability.

REVERSIBLE

Switches easily from clamping to loosening mode, and vice versa.



BEAR

TORQUE WRENCH

TORQUE CONTROL

Precise torque control, which is essential when screwing full thread screws into a metal plate, for example. Wide adjustment range.



CODES AND DIMENSIONS

CODE	dimensions [mm]	weight [g]	tightening torque [Nm]	pcs
BEAR	395 x 60 x 60	1075	10 - 50	1
BEAR2	535 x 60 x 60	1457	40 - 200	1

With 1/2" square drive.



WINGS

DRAWKNIFE

QUALITY BLADE

Made of high quality forged, hardened and sharpened steel, blade with concave sharpening. PVC blade protection.



CODES AND DIMENSIONS

CODE	length [mm]	pcs
WINGS	240	1



SHEAR TOOLS

MARLIN CUTTER ALLROUND

- Provided with triple-sharpened blades
- Extremely robust - 100% rust proof - spare blade compartment not included



CODES AND DIMENSIONS

CODE	description	pcs
MARLIN	cutter	1
MARBLA	spare blades	10



CUTTER FOR PROFESSIONAL CUTTING

- The safety lever allows the blade to be changed quickly and easily
- Thanks to the soft support, it is even easier to use the thumb to generate maximum pressure



CODES AND DIMENSIONS

CODE	description	pcs
1 CUTTER	cutter with 5 spare blades	1
CUT60	spare trapezoidal blade	10
2 CUTSET	cutter in a practical nylon case with: 10 pcs. trapezoidal blades 5 pcs. hook blades 2 pcs. linoleum blades 2 pcs. precision cut blades	1



KNIFE

PROFESSIONAL KNIFE

- Professional knife ideal for work at height and rescues



CODES AND DIMENSIONS

CODE	material	blade	weight [g]	pcs
KNIFE	anodised aluminium	stainless steel	145	1



SCISSOR

PROFESSIONAL SCISSOR

- Scissor with circular blade
- Useful in emergencies to cut ropes under tension



CODES AND DIMENSIONS

CODE	material	blade	weight [g]	pcs
SCISSOR	plastic / stainless steel	stainless steel	145	1



TUCAN

SHEARS FOR LONG, STRAIGHT THROUGH CUTS



CODES AND DIMENSIONS

CODE	length [mm]	pcs
TUC350	350	1



CARPENTRY SAWS

KOI

TAJIMA CARPENTER'S SAW

- Cross-toothed saw to cut any timber both along and across the fibres
- Equipped with a comfortable two-component handle and safety case for the blade
- Fluorine coating for superior cutting performance



CODES AND DIMENSIONS

CODE	description	blade length [mm]	pcs
KOI30	Japanese hand saw	300	1
KOI30R	spare blade	-	1



FUGU

TAJIMA PRECISION SAW

- Japan double-toothed saw for precise cutting of any timber, both along and across the fibres
- With rattan handle, foldable for tool-free blade replacement



CODES AND DIMENSIONS

CODE	description	blade length [mm]	pcs
FUGU265	precision saw	265	1
FUGU265R	spare blade	-	1



KAMASU

BLACK-BLADED FLICK-SAW

- Saw with extraordinary 9-TPI blade and Fluorine coating in the aluminist version
- Ergonomic two-component handle. The blade can be positioned in different ways



CODES AND DIMENSIONS

CODE	blade length [mm]	teeth width [mm]	pcs
KAMASU300	300	3	1



LAMA

KNIFE FOR INSULATION MATERIAL

- It can be used on both sides, 2 mm thick stainless steel blade
- Ergonomic handle shape for optimal processing of insulation material



CODES AND DIMENSIONS

CODE	blade length [mm]	weight [g]	pcs
LAMA	280	175	1



MARKING TOOLS

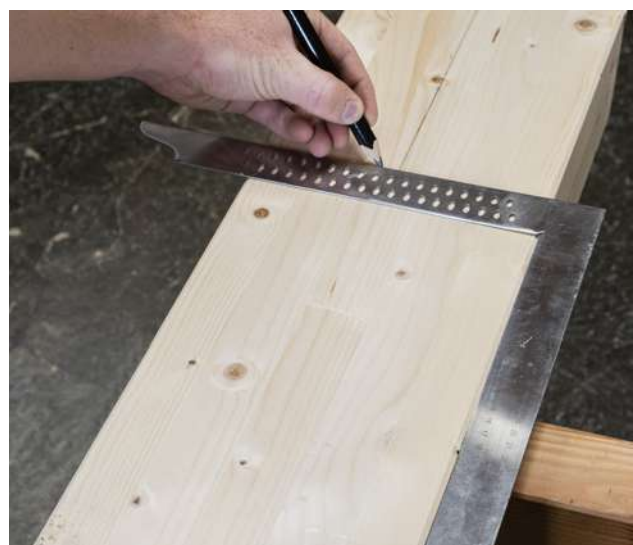
BEAVER

CARPENTER'S SQUARE

- Made of stainless steel highly flexible and stable at the same time; it bends easily, without causing permanent deformation



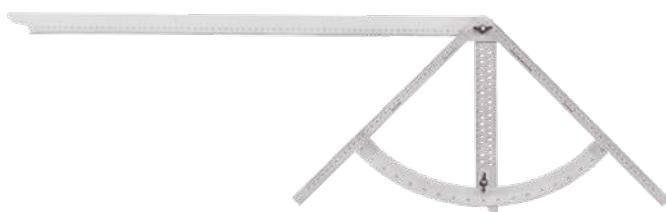
CODE	size [mm]	pcs
BEAVER	800 x 320 x 1,2	1



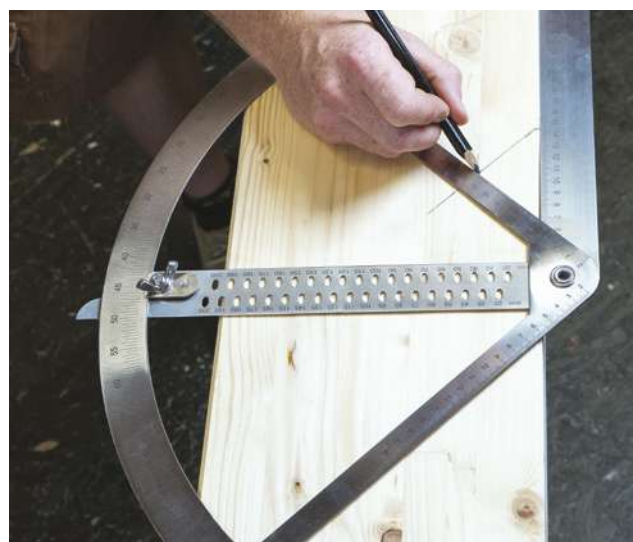
PEACOCK

ALFA SQUARE

- Reliable alpha square for carpentry shaping operations



CODE	size [mm]	step degrees	pcs
PCK8043	800 x 430 x 5	0,5°	1
PCK9048	900 x 480 x 5	0,25°	1



BEEKIT

SET OF CARPENTER'S SQUARE, ALFA SQUARE AND SLIDING T BEVEL

- Three classic marking devices in one set



CODE	description	pcs
BEEKIT	carpenter's square, alfa square and sliding T bevel	1



PEACOCK DUO

ALFA DOUBLE SQUARE

- Special marking device with centre-mounted dial and large stop



CODE	size [mm]	step degrees	pcs
PCKD8043	800 x 360 x 5	0,5°	1



EMU

CARPENTER'S SQUARE - ALUMINIUM

- With indication of measurements on both sides



CODE	size [mm]	flange width [mm]	weight [g]	pcs
EMU2515	250 x 150	40	240	1
EMU4020	400 x 200	40	360	1



FLAMINGO

ALUMINIUM SLIDING T BEVEL

- With mobile spring steel guide



CODE	size [mm]	flange width [mm]	weight [g]	pcs
FLAMINGO	300	35	215	1



LEVELS

HERON

ANODIZED ALUMINIUM PRECISION LEVEL WITH FLUORESCENT COATING

- Smooth and reinforced aluminium profile. Measurement accuracy of 0,5 mm/m under normal conditions



CODES AND DIMENSIONS

CODE	size [mm]	pcs
HER050	500	1
HER100	1000	1



HERON XL

HORIZONTAL AND VERTICAL PRECISION SPIRIT LEVEL

- Rectangular aluminium profile 100 x 18 mm, aluminium thickness 1,2 mm



CODES AND DIMENSIONS

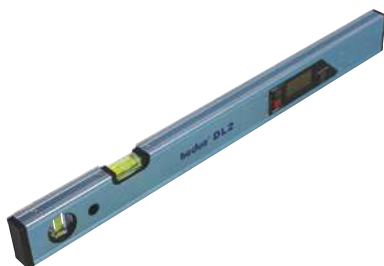
CODE	size [mm]	pcs
HERXL	2000	1



HERON DGT

DIGITAL LEVEL WITH LIGHTED DISPLAY AND ACOUSTIC SIGNAL

- Measurements in degrees, percentage, millimetres/metres and inches/feet
- The supply includes packaging, batteries (type AAA) and Quickstart



CODES AND DIMENSIONS

CODE	size [mm]	pcs
HERDGT	600	1



HERON ANGLE

DIGITAL ANGLE MEASURING DEVICE

- Wide measuring range from 0° to 225° for high accuracy
- Measurement values can be saved and single or double oblique cuts can be calculated



CODES AND DIMENSIONS

CODE	size [mm]	pcs
HERANG	450 x 60 x 25	1



ARMADILLO

POLYESTER TAPE HOLDER FOR PACKAGES

HIGH STRENGTH

Breaking load 20% stronger than similar steel tapes, 100 % UV and weather resistant (leaves no rust or dents in the wood).

EASY APPLICATION

Simple to load, by hand or with tensioner; the slacked tapes can be tightened again for re-use.

CODES AND DIMENSIONS

CODE	description	pcs
ARMAHOLD	tape holder	1
ARMATIGHT	tightening device	1
ARMAPIN	needle for pallets 1,5 m	1
ARMAANGL	angle guards	2500

OPTIONAL ITEMS

CODE	description	width [mm]	length [m]	pcs
ARMARIB19	polyester tape	19	600	1
ARMATING	staples	19	-	500



EDGE PRO

ROLLER

ROPE PROTECTION

Made of light aluminium alloy, it guides and protects the ropes on the edges.



CODES AND DIMENSIONS

CODE	material	weight [g]	pcs
EDGEPRO	aluminium alloy / nylon	1650	1



POUCH

TOOLS BAG

SPACIOUS

Tool bags with numerous pockets for tools and materials.



1



2



3

CODES AND DIMENSIONS

CODE	description	pcs
1 POUCH1	double tool bag with belt	1
2 POUCH2	single tool bag with belt	1
3 POUCH3	hammer holder	1



MATERIAL

Single leather tool bag, double polyester tool bag.
Adjustable strap with clip closure.

MARKING TOOLS

SNAIL

MEASURING TAPE

- Robust metal measuring tape with stop button



CODE	size [m]	pcs
SNAIL5	5	1
SNAIL8	8	1

MANTA

TAPE WHEEL, STEEL



CODE	size [m]	pcs
MNT25	25	1

RBMET

FOLDING RULER



CODE	size [m]	pcs
RBMET	2	1

MESH

UNIVERSAL ROPE WITH WINDING REEL

CODE	size [m]	pcs
MESH	50	1



COSMOS

POWDER MARKER WITH ALUMINIUM CASING - FAST REWIND

CODE	description	size [m]	pcs
COSMOS	marker	30	1
COSMOS2	spare rope	30	1



CHAMELEON

POWDER MARKER WITH PLASTIC HOUSING

CODE	description	size [m]	pcs
CHAM	marker - single	30	1
CHAMDB	marker - double	30	1
CHAM2	spare rope	30	1



POWDER

POWDER FOR MARKER

CODE	description	size [g]	pcs
POWBLU	blue	400	1
POWRED	red	400	1



MARKING TOOLS

PARROT

OIL-BASED INDUSTRIAL PASTELS, PERMANENT MARKERS

CODE	description	size [mm]	pcs
PARRED	red	120	1
PARBLU	blue	120	1
PARYEL	yellow	120	1



BRANCH

UNIVERSAL PASTEL CASE

CODE	size [mm]	pcs
BRANCH	115	1



PARALLELE

PARALLEL MARKER

FIELDS OF USE

For carpenters, joiners and bricklayers.

INDISPENSABLE

Precise marking and transfer of shapes and height differences.



CODE	pcs
PENHOLD	1

**SCREWDRIVERS,
NAILGUNS AND STAPLERS**

**SCREWDRIVERS,
NAILGUNS AND STAPLERS**

SCREWDRIVERS, NAILGUNS AND STAPLERS

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SCREWDRIVERS WITH LOADER

KMR 3373

LOADER FOR SCREWDRIVERS

- With metric thread M5
- Screw length: **25 - 50 mm**
- Screw diameter: **3,5 - 4,2 mm**
- Compatible with Mafell **A 18 M bl** cordless screwdriver
- Weight: **0,80 kg**



CODES AND DIMENSIONS

CODE	description	pcs
HH3373	automatic loader for cordless screwdriver	1



KMR 3372

LOADER FOR SCREWDRIVERS

- With metric thread M6
- Screw length: **40 - 80 mm**
- Screw diameter: **4,5 - 5 mm**
- Compatible with Mafell **A 18 M bl** cordless screwdriver
- Weight: **1,50 kg**



CODES AND DIMENSIONS

CODE	description	pcs
HH3372	automatic loader for cordless screwdriver	1



VIDEO

Scan the QR Code and watch the video on our YouTube channel



KMR 3352

SCREWDRIVER WITH AUTOMATIC LOADER

- Screw length: **25 - 50 mm**
- Screw diameter: **3,5 - 4,2 mm**
- Power: **750 W**
- No load speed: **0 - 2850 U/min**
- Weight: **2,2 kg**



CODES AND DIMENSIONS

CODE	description	pcs
HH3352	automatic screwdriver	1



KMR 3338

SCREWDRIVER WITH AUTOMATIC LOADER

- Screw length: **40 - 80 mm**
- Screw diameter: **4,5 - 5 mm**
- Power: **750 W**
- No load speed: **0 - 2850 U/min**
- Weight: **2,9 kg**



CODES AND DIMENSIONS

CODE	description	pcs
HH3338	automatic screwdriver	1



SCREWDRIVERS WITH LOADER

KMR 3371

ADAPTER FOR SCREWDRIVERS WITH BELT LOADER

- Adapter for processing plasterboard and gypsum fibreboard of timber and metal substructures
- Case, 2 batteries, battery charger



CODES

CODE	description	pcs
HH3371	cordless screwdriver + adapter for screwdrivers with belt loader	1

ACCESSORIES

CODE	description	pcs
HH14513507	PH-2 bit	1

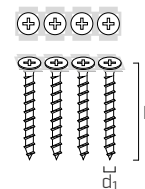
TECHNICAL SPECIFICATIONS

screw length	Ø screw	speed	weight
25 - 55 mm	3,5 - 4,5 mm	0 - 1800 U/Min 0 - 500 U/Min	2,4 kg



PLASTERBOARD SCREWS COLLATED

- With wide thread for wooden structures



d ₁ [mm]	CODE	L [mm]			compatible machine HH3371	pcs	kg	pcs/ 
3,9 PH 2	HH10600404	30	phosphated	DIN 18182*	●	1000	2,4	180000
	HH10600405	35	phosphated	DIN 18182*	●	1000	2,4	180000
	HH10600406	45	phosphated	DIN 18182*	●	1000	2,8	180000

* Compliant with Standard DIN 18182 regarding the fastening of gypsum panels.

ACCESSORIES FOR SCREWDRIVER

CODE	description	HH3352 / HH3373	HH3338 / HH3372	HH3371	pcs
TOOL HOLDER SPINDLE					
HH14411627	M5	●			1
HH14411629	M5				1
HH14411631	M5			●	1
HH14411632	M6		●		1
DRIVER BITS BY METRIC CONNECTION, packs of 5 pcs					
HH14000618	M5 PZ - 2				5
HH14000875	M5 PZ - 2	●			5
HH14000876	M6 PZ - 2		●		5
HH14001318	M6 PZ - 3				5
HH14001462	M5 PH - 2			●	5
HH14001460	M5 PH - 2	■			5
HH14505991	M5 TX 15	■			5
HH14411964	M5 TX 20	●	▲		5
HH14001468	M5 TX 25		▲		5
HH14000620	M6 TX 20		●		5
HH14000619	M6 TX 25		●		5
HH14001469	M6 TX 30		■		5
HH14411543	conversion kit for screws Ø3,5 x 35 - 4,2 x 80 mm		■		1
HH14411591	extension	■	■		1
HZB6PLATE	guide plate for 6,0 mm screws		■		1

LEGEND

- included in the supply
- accessories
- ▲ usable with conversion kit



ADAPTABLE FOR Ø6,0 mm HBS

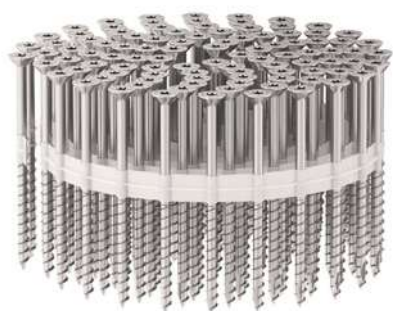
When using 6,0 mm HBS COIL screws, the guide plate must be replaced. Loosen the plate with the adjustment screw and position HZB6PLATE. It is also necessary to change the bit with an M6 TX 30 type on the drill chuck.

SCREWS FOR SCREWDRIVERS WITH LOADER

HBS COIL

HBS BOUND SCREWS

- Quick and precise fastening. Fast and safe execution thanks to the special binding.
- Also available in a diameter of 6,0 mm, , ideal for quick wall-to-wall fastening in CLT structures



CODES AND DIMENSIONS

d ₁ [mm]	CODE	L [mm]	b [mm]	A [mm]	pcs
4 TX 20	HZB430	30	16	14	3000
	HZB440	40	24	16	2000
	HZB450	50	24	26	1500
4,5 TX 20	HZB4550	50	24	26	1500
5 TX 25	HZB560	60	30	30	1250
	HZB570	70	35	35	625
	HZB580	80	40	40	625
6 TX 30	HZB670	70	40	30	625
	HZB680	80	40	40	625



VIDEO



MY
PROJECT
SOFTWARE



ETA-11/0030



VIDEO

Scan the QR Code and watch the video on our YouTube channel



MATERIAL

Zinc plated carbon steel.

FIELDS OF USE

- solid timber and glulam
 - CLT, LVL
 - timber based panels
 - hard woods
- Service classes 1 and 2.

LBS, THE PREFERRED SCREW OF METAL PLATES



The screw with excellent static performance

The LBS timber screw with cylindrical underhead is designed for fastening metal elements, such as perforated plates and angle brackets on timber. It is the preferred screw for every metal plate as it ensures excellent static performance and great installation convenience. The 7 mm diameter is ideal for joining our ALUMAXI aluminium concealed bracket dedicated to larger timber structures.

Scan the QR code and find out the characteristics of the LBS screw in the "Screws and connectors for timber" catalogue



www.rothoblaas.com



rothoblaas

Solutions for Building Technology

ANKER NAILGUNS

KMR 3522

ANKER 25° NAILGUN

- Nail length: 40 - 60 mm
- Ø nail: 4,0 mm
- Weight: 4,1 kg



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3522	plastic	single	1



AT 0116

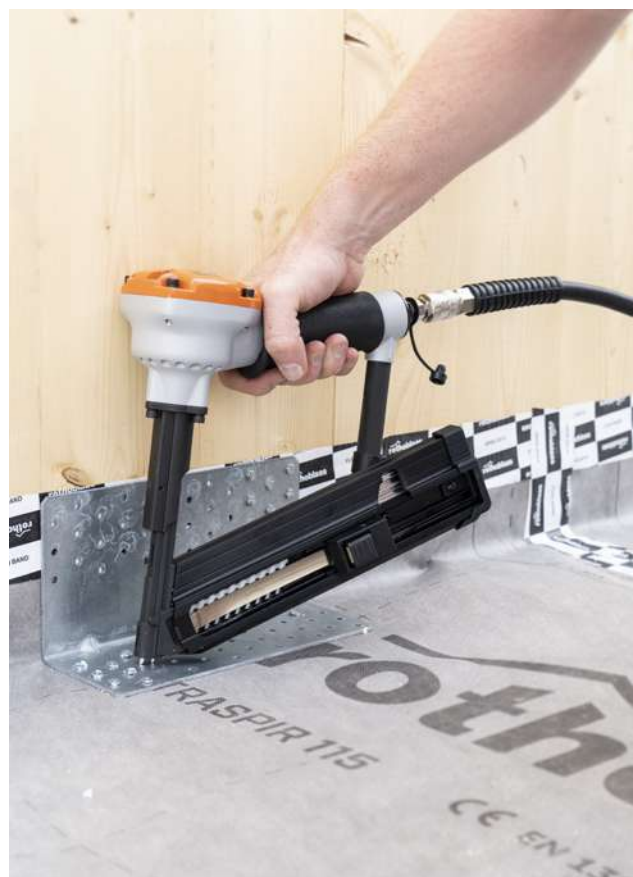
STRIP MAGAZINE NAILGUN 34°

- Nail length: 40 - 60 mm
- Ø nail: 4,0 mm
- Weight: 2,36 kg



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
ATEU0116	plastic	single	1



KMR 3731

PALM NAILER

- Ø head max. 10 mm
- Nail length: **all lengths**
- Ø nail **10 mm**
- Weight: **1,5 kg**



CODES AND DIMENSIONS

CODE	nails	trigger	pcs
HH3731	loose nails	single	1

ACCESSORIES

CODE	description
HH14513028	large guide sleeve for nails up to Ø16 mm



CONSTRUCTION SITE TOOLS? RENT IT!

Quality equipment available to your site for a limited time.
Ask your local agent for more information!



GIRAFFE

Assembly support



CONTAINER

Loading container
maximum 3500 kg

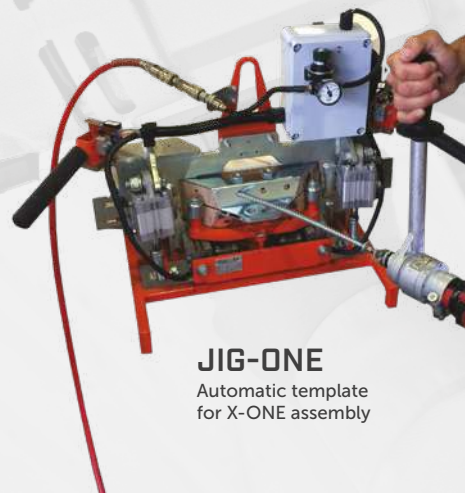
D 38 RLE

4-speed screwdriver



JIG-ONE

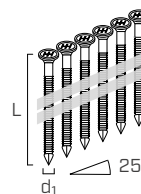
Automatic template
for X-ONE assembly



ANKER NAILS

ANKER NAILS

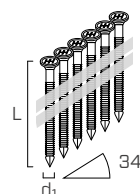
STRIP - K25°



d ₁ [mm]	CODE	L [mm]	cladding	compatible machine HH3522	pcs	kg	pcs/
4	HH10401443	40	zinc plated	●	1000	4,4	140000
	HH10401445	50	zinc plated	●	1000	5,0	140000
	HH10401446	60	zinc plated	●	1000	6,0	140000

ANKER NAILS

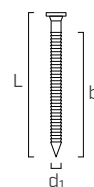
STRIP - K34°



d ₁ [mm]	CODE	L [mm]	cladding	compatible machine ATEU0116	pcs	kg	pcs/
4	HH20006080	40	zinc plated	●	2000	8,7	130000
	HH20006085	50	zinc plated	●	2000	10,4	130000
	HH20006090	60	zinc plated	●	2000	12,4	130000

LBA

ANKER LOOSE NAILS



d ₁ [mm]	CODE	L [mm]	b [mm]	cladding	compatible machine HH3731	pcs	kg
4	LBA440	40	30	zinc plated	●	250	1,03
	LBA450	50	40	zinc plated	●	250	1,25
	LBA460	60	50	zinc plated	●	250	1,50
	LBA475	75	60	zinc plated	●	250	1,90
	LBA4100	100	80	zinc plated	●	250	2,50
6	LBA660	60	50	zinc plated	●	250	3,37
	LBA680	80	70	zinc plated	●	250	4,60
	LBA6100	100	80	zinc plated	●	250	5,50
4	LBAI450	50	40	A4	●	250	1,25

LOOSE NAILS

NAIL C

FLANGE-HEAD NAILS

- Loose nails



CODES AND DIMENSIONS

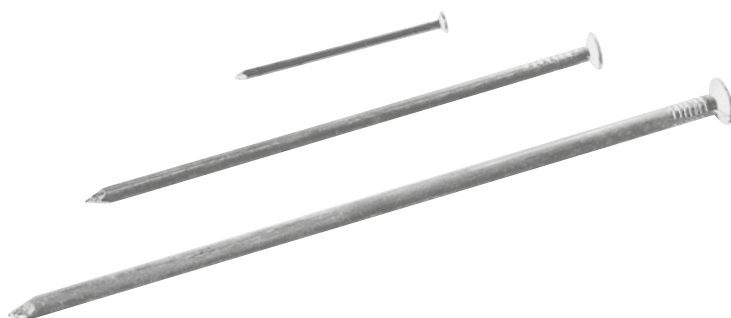
d ₁ [mm]	CODE	L [mm]	kg
3,1	NAILC3119	19	5,0
	NAILC3125	25	5,0
	NAILC3132	32	5,0
	NAILC3145	45	5,0



NAIL S

SMOOTH-SHANK NAILS

- Loose nails



CODES AND DIMENSIONS

d ₁ [mm]	CODE	L [mm]	kg
2,7	NAILS2760	60	5,0
3,0	NAILS3070	70	5,0
3,4	NAILS3480	80	5,0
4,0	NAILS4090	90	5,0
4,4	NAILS44100	100	5,0
5,0	NAILS50120	120	5,0



COIL NAILGUNS, CORD COILS 16°

KMR 3516

ROOFING NAILGUN 16°

- With carrying case
- With regulator penetration
- Nail length: **19 - 45 mm**
- Ø head: **10,5 mm**
- Weight: **1,8 kg**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3516	wire	single / contact	1



KMR 3551

COIL NAILGUN 16°

- With carrying case
- With regulator penetration
- Nail length: **25 - 50 mm**
- Ø nail: **1,6 - 2,1 mm**
- Weight: **1,8 kg**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3551	wire	single / contact	1



KMR 3515

COIL NAILGUN 16°

- With carrying case
- With regulator penetration
- Nail length: **19 - 45 mm**
- Ø nail: **2,3 - 3,1 mm**
- Weight: **1,8 kg**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3515	wire	contact	1



KMR 3539

COIL NAILGUN 16°

- With carrying case
- With regulator penetration
- Nail length: **45 - 90 mm**
- Ø nail: **2,5 - 3,4 mm**
- Weight: **3,8 kg**



CODES AND DIMENSIONS

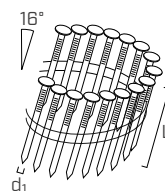
CODE	taping	trigger	pcs
HH3539	wire	single / contact	1




SET OF 16° NAILS WITH METAL WIRE

ROOFING NAILS

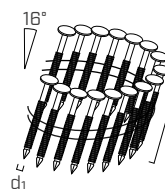
ROLLED - SMOOTH D16°




d ₁ [mm]	CODE	L [mm]	cladding	compatible machine HH3516	pcs	kg	pcs/ 
3	HH10501878	19	zinc plated	●	7200	10,8	259200
	HH10501881	22	zinc plated	●	7200	11,4	259200
	HH10501884	25	zinc plated	●	7200	12,3	259200
	HH10501885	28	zinc plated	●	7200	13,8	259200
	HH10501886	32	zinc plated	●	7200	15,0	259200
	HH10501887	38	zinc plated	●	7200	18,2	259200
	HH10501888	45	zinc plated	●	7200	20,8	172800

ROOFING NAILS

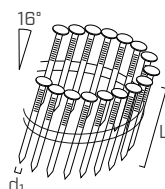
ROLLED - RING NAILS D16°




d ₁ [mm]	CODE	L [mm]	cladding	compatible machine HH3516	pcs	kg	pcs/ 
3	HH10501873	19	zinc plated	●	7200	10,3	259200
	HH10501874	22	zinc plated	●	7200	11,3	259200
	HH10501875	25	zinc plated	●	7200	11,7	259200

SMOOTH-SHANK NAILS

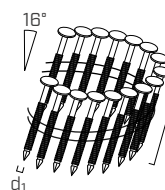
ROLLED - MINI D16°




d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine HH3551	pcs	kg	pcs/ 
2,1	HH10501891	40	polished	resin-coated	●	12600	14,4	504000
	HH10501889	45	polished	resin-coated	●	12600	15,9	504000
	HH10501890	50	polished	resin-coated	●	10500	14,8	420000

RING-SHANK NAILS

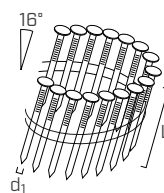
ROLLED - MINI D16°



d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine HH3551	pcs	kg	pcs/ 
2,1/2,3	HH10502018	27	polished	-	●	16800	13,4	672000
	HH10501892	32	polished	resin-coated	●	16800	15,7	672000
	HH10501893	35	polished	resin-coated	●	14700	15,2	588000
	HH10501894	40	polished	resin-coated	●	12600	14,7	504000
	HH10501895	45	polished	resin-coated	●	12600	16,1	504000

SMOOTH-SHANK NAILS

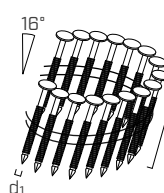
ROLLED - D16°



d ₁ [mm]	CODE	L [mm]	cladding	compatible machine		pcs	kg	pcs/
				HH3515	HH3539			
2,5	HH30002560	60	polished	●	●	7200	17,4	216000
	HH30002565	65	polished	●	●	7200	18,8	216000
	HH30002570	70	polished	●	●	7200	20,3	216000
2,8	HH30002870	70	polished	●	●	6000	18,0	180000
	HH30002880	80	polished		●	4500	20,2	135000
	HH30002890	90	polished		●	4500	20,9	135000

RING-SHANK NAILS

ROLLED - D16°



d ₁ [mm]	CODE	L [mm]	cladding	compatible machine		pcs	kg	pcs/
				HH3515	HH3539			
2,3/2,5	HH30002350(*)	50	zinc plated	●	●	9000	15,3	270000
	HH30002360(*)	60	zinc plated	●	●	7200	14,6	216000
2,5/2,8	HH30002865(*)	65	zinc plated	●	●	7200	18,8	216000
	HH30002869(*)	70	zinc plated	●	●	7200	20,3	216000
2,8/3,1	HH30003180	80	zinc plated		●	4500	18,0	135000
	HH30002891	90	zinc plated		●	4500	20,2	135000
2,5/2,8	HH30002850(**)	50	Hot Dip	●	●	9000	17,9	270000
	HH30002864(**)	65	Hot Dip	●	●	7200	18,8	216000
2,5/2,9	HH30002875(**)	75	Hot Dip		●	6000	18,1	180000
	HH30003190(**)	90	Hot Dip		●	3200	20,2	96000

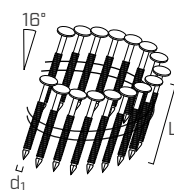
(*) Not holding CE marking. On request, an alternative product with CE marking available.

(**) Not available with CE marking.

RING-SHANK NAILS

ROLLED - A2 WITH ROUND HEAD - D16°

- Stainless steel

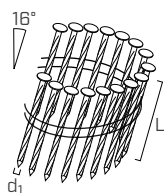



A2

d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine		pcs	kg	pcs/
					HH3515	HH3539			
2,8/3,1	HH10501939	65	A2 stainless steel	resin-coated	●	●	6000	18,3	240000
	HH10501940	70	A2 stainless steel	resin-coated	●	●	6000	18,3	240000

THREADED NAILS

ROLLED - D16°



d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine HH3539	pcs	kg	pcs/ 
2,8/3,1	HH10501942	80	polished	resin-coated	●	4500	18,3	180000
3,1/3,4	HH10501943	90	polished	resin-coated	●	3600	19,0	144000
3,1/3,4	HH10501944	90	zinc plated	resin-coated	●	3600	19,0	144000

COIL NAILGUNS

KMR 3590

COIL NAILGUN 20°

- With carrying case
- Pull-through adjustment does not require the use of tools
- Nail length: **60 - 90 mm**
- Ø nail: **2,8 - 3,4 mm**
- Weight: **3,2 kg**



CODES AND DIMENSIONS

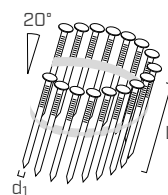
CODE	taping	trigger	pcs
HH3590	plastic	single / contact	1




SET OF 20° NAILS WITH PLASTIC TAPING

SMOOTH-SHANK NAILS

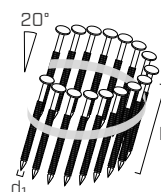
ROLLED - K 20°




d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine HH3590	pcs	kg	pcs/ 
2,8	HH10501977	60	polished	resin-coated	●	8000	24,0	192000
	HH10501978	65	polished	resin-coated	●	6000	19,9	144000
	HH10501980	70	polished	resin-coated	●	6000	20,4	144000
	HH10501982	75	polished	resin-coated	●	6000	22,9	144000
	HH10501983	80	polished	resin-coated	●	6000	23,6	144000
3,1	HH10501985	65	polished	resin-coated	●	6000	24,0	144000
	HH10501986	70	polished	resin-coated	●	6000	24,9	144000
	HH10501988	80	polished	resin-coated	●	4000	19,3	120000
	HH10501990	90	polished	resin-coated	●	3200	17,3	96000

RING-SHANK NAILS

ROLLED - K 20°



d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine HH3590	pcs	kg	pcs/ 
2,5/2,8	HH10502001	60	polished	resin-coated	●	8000	19,5	192000
2,8/3,1	HH10502005	65	polished	resin-coated	●	6000	20,0	144000
	HH10502008	75	polished	resin-coated	●	6000	22,5	144000
3,1/3,4	HH10502011	80	polished	resin-coated	●	4000	19,7	120000
	HH10502013	90	polished	resin-coated	●	3200	17,1	96000
2,8/3,1	HH10502003	60	zinc plated	resin-coated	●	8000	24,6	192000
	HH10502007	70	zinc plated	resin-coated	●	6000	20,8	144000
3,1/3,4	HH10502014	90	zinc plated	resin-coated	●	3200	17,1	96000

STRIP MAGAZINE NAILGUNS 20°

KMR 3555

STRIP MAGAZINE NAILGUN 20°

- With carrying case
- With regulator penetration
- Nail length: **50 - 100 mm**
- Ø nail: **2,8 - 3,4 mm**
- Weight: **3,6 kg**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3555	plastic	single / contact	1



KMR 3535

STRIP MAGAZINE NAILGUN 20°

- With keeper against blank firing
- Nail length: **80 - 130 mm**
- Ø nail: **3,1 - 4,2 mm**
- Weight: **6,4 kg**



CODES AND DIMENSIONS

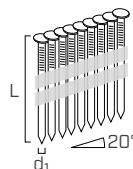
CODE	taping	trigger	pcs
HH3535	plastic	single + series (with safety device)	1




20° STRIP NAILS

SMOOTH-SHANK NAILS

STRIP - K20°

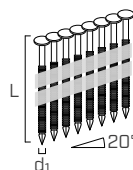



d ₁ [mm]	CODE	L [mm]	cladding	compatible machine		pcs	kg	pcs/ 
				HH3555	HH3535			
2,8	HH10401639	60	polished	●		5000	15,0	300000
	HH10401640(*)	65	polished	●		4000	13,4	240000
	HH10401477(*)	70	polished	●		4000	14,1	240000
	HH10401479	75	polished	●		4000	15,7	240000
	HH10401480	80	polished	●		4000	16,1	240000
3,1	HH10401481	65	polished	●		4000	16,2	240000
	HH10401482(*)	70	polished	●		4000	16,8	240000
	HH10401613(*)	80	polished	●	●	3000	14,3	180000
	HH10401486	90	polished	●	●	3000	16,0	180000
3,4	HH10401616(*)	100	polished	●	●	2500	17,5	150000
3,8	HH10401618(*)	100	polished		●	1500	13,2	75000
	HH10401619(*)	110	polished		●	1500	14,8	75000
	HH10401621(*)	120	polished		●	1500	16,2	75000
	HH10401623(*)	130	polished		●	1500	17,4	75000
4,2	HH10401646	120	polished		●	1500	19,4	75000
	HH10401625(*)	130	polished		●	1500	20,6	75000

(*) Also available with bright zinc plating.

RING-SHANK NAILS

STRIP - K20°



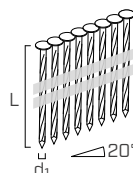
d ₁ [mm]	CODE	L [mm]	cladding	compatible machine		pcs	kg	pcs/ 
				HH3555	HH3535			
2,8/3,1	HH10401519(*)(**)	65	polished	●		4000	13,2	240000
	HH10401521	70	polished	●		4000	14,4	240000
	HH10401522(*)	75	polished	●		4000	15,8	240000
	HH10401523(**)	80	polished	●		4000	15,8	240000
3,1/3,4	HH10401524(*)	70	polished	●		4000	16,5	240000
	HH10401687(*)	80	polished	●	●	3000	14,6	180000
	HH10401688(*)	90	polished	●	●	3000	16,0	180000
3,8/4,2	HH10401632	120	polished		●	1500	16,1	75000
	HH10401644(*)	130	polished		●	1500	17,3	75000


(*) Also available with bright zinc plating.

(**) Also available in A2 stainless steel with rounded head.

THREADED NAILS

STRIP - K20°



d ₁ [mm]	CODE	L [mm]	cladding	compatible machine		pcs	kg	pcs/ 
				HH3555	HH3535			
3,1/3,5	HH10401534	50	polished	●		6000	19,2	360000
	HH10401535	65	polished	●		4000	15,8	240000
	HH10401713	80	polished	●	●	3000	13,5	180000
	HH10401714(*)	90	polished	●	●	3000	16,1	180000
3,8/4,2	HH10401633(*)	120	polished		●	1500	15,9	
	HH10401634	130	polished		●	1500	17,2	75000

(*) Also available with bright zinc plating.

GAS NAILGUNS

KMR 3890

NAILGUN HEAD NAILS AS HALF-MOON 34°

- Cordless - gas operated
- Nail length: **50 - 90 mm**
- Ø nail: **2,8 - 3,1 mm**
- Weight: **3,4 kg**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3890	paper / plastic	single	1



KMR 3822

ANKER 34° NAILGUN

- Cordless - gas operated
- Nail length: **40 - 60 mm**
- Ø nail: **4,0 mm**
- Weight: **3,6 kg**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3822	paper / plastic	single	1

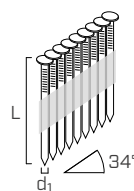


NAILS FOR GAS NAILGUN

SMOOTH-SHANK NAILS

STRIP - P34°

- In plastic package with taping paper

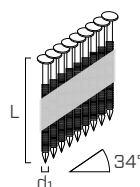


d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine HH3890	pcs	kg	pcs/
2,8	HH10401720	50	polished	resin-coated	●	2200	6,1	184800
	HH10401721	64	polished	resin-coated	●	2200	7,2	184800
	HH10401722	70	polished	resin-coated	●	2200	8,6	184800
	HH10401723	80	polished	resin-coated	●	2200	9,4	158400
3,1	HH10401725	90	polished	resin-coated	●	2200	11,7	158400
2,8	HH10401726	64	zinc plated	resin-coated	●	2200	7,2	184800
	HH10401727	70	zinc plated	resin-coated	●	2200	8,6	184800
3,1	HH10401729	80	zinc plated	resin-coated	●	2200	10,7	158400
	HH10401730	90	zinc plated	resin-coated	●	2200	11,7	158400

RING-SHANK NAILS

STRIP - P34°

- In plastic package with taping paper

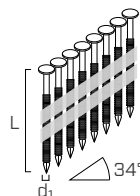


d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine HH3890	pcs	kg	pcs/
2,8/3,1	HH10401731	64	polished	resin-coated	●	2200	7,2	184800
	HH10401732	70	polished	resin-coated	●	2200	8,6	184800
	HH10401733	75	polished	resin-coated	●	2200	8,8	158400
	HH10401734	80	polished	resin-coated	●	2200	9,4	158400
3,1/3,4	HH10401735	90	polished	resin-coated	●	2200	11,7	158400
2,8/3,1	HH10401736	64	zinc plated	resin-coated	●	2200	7,2	184800
	HH10401737	70	zinc plated	resin-coated	●	2200	8,6	184800
	HH10401738	75	zinc plated	resin-coated	●	2200	8,8	158400
	HH10401739	80	zinc plated	resin-coated	●	2200	9,4	158400
3,1/3,4	HH10401740	90	zinc plated	resin-coated	●	2200	11,7	158400

RING-SHANK NAILS

STRIPS WITH PAN HEAD - K34°

- Packaged in plastic with paper taping (full head)



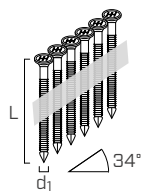
d ₁ [mm]	CODE	L [mm]	cladding	surface	compatible machine HH3890	pcs	kg	pcs/
2,8/3,1	HH10401816	50	A2	resin-coated	●	2000	5,6	168000
	HH10401817	65	A2	resin-coated	●	1250	4,2	105000
	HH10401818	80	A2	resin-coated	●	1000	4,1	84000


NAILS FOR GAS NAILGUN

ANKER NAILS

STRIP - P34°

- In plastic package with taping paper
- The package includes a gas cartridge

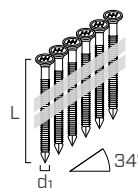



d ₁ [mm]	CODE	L [mm]	cladding	compatible machine HH3822	pcs	kg	pcs/ 
4,0	HH10401923	40	zinc plated	●	1250	5,6	105000
	HH10401924	50	zinc plated	●	1250	6,4	105000
	HH10401925	60	zinc plated	●	1250	7,6	90000

ANKER NAILS

STRIP - K34°

- Packaged in cardboard with plastic taping



d ₁ [mm]	CODE	L [mm]	cladding	compatible machine HH3822	pcs	kg	pcs/ 
4,0	HH10401448	50	zinc plated	●	1000	5,0	144000
	HH10401449	60	zinc plated	●	1000	6,0	144000

GAS CARTRIDGE



CODE	description	quantity [g/ml]	maximum working capacity	weight [kg]	pcs
HH10900608	gas cartridge	40 / 80	about 1000 nails / cartridge	0,1	2

3 in 1 NAILGUN

KMR AC/90-942C

MULTIPURPOSE 3 in 1 TOOL

- One device for three types of nails
- BDC-Coil (metal wire taping)
- K-Coil (KMR taping)
- TC-Coil (taping with adhesive tape)
- Weight: **3,8 kg**



CODES AND DIMENSIONS

CODE	pins type	nails dimensions	trigger
HHAC90942C	BDC-Coil (metal wire taping)	diameter: 2,5 - 3,8 mm length: 50 - 90 mm half-moon head: max. 7,7 mm	contact (available on request also with single trigger)
	K-Coil (KMR taping)		
	TC-Coil (taping with adhesive tape)		

CORRUGATED FASTENER NAILGUN

KMR 3447

CORRUGATED FASTENER NAILGUN

- Corrugated fasteners length: **35 mm**
- Corrugated fasteners width: **25 mm**
- Weight: **3,2 kg**

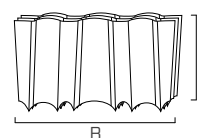


CODES AND DIMENSIONS


CODE	trigger	pcs
HH3447	single	1



CORRUGATED FASTENERS



CODES AND DIMENSIONS

CODE	L [mm]	B [mm]	s [mm]	compatible machines HH3447	pcs	kg	pcs/ 
HH10800150	25	35	3	●	1920	7,0	163200



MATERIAL

The special corrugated shape provides high strength and consequently less material use. Insert the corrugated fasteners into the loader with the coloured side facing upwards.

FIELDS OF USE

Construction of prefabricated houses, timber frame structures, corner joints, interior fittings.

STAPLERS

KMR 3482

STAPLER FOR STAPLES K

- With carrying case
- Staple type / length: **K 6 - 16 mm**
- Weight: **0,9 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3482	single	1



KMR 3417

STAPLER FOR STAPLES K

- With carrying case
- With regulator penetration
- Staple type / length: **K 10 - 25 mm**
- Weight: **1,2 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3417	contact	1



STAPLERS

KMR 3481

STAPLER FOR STAPLES C

- With carrying case
- With regulator penetration
- Staple type / length: **C 12 - 41 mm**
- Weight: **1,2 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3481	single / contact	1



KMR 3426

STAPLER FOR STAPLES G

- With carrying case
- With regulator penetration
- Staple type / length: **G and KG 25 - 50 mm**
- Weight: **2,2 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3426	contact	1



KMR 3727

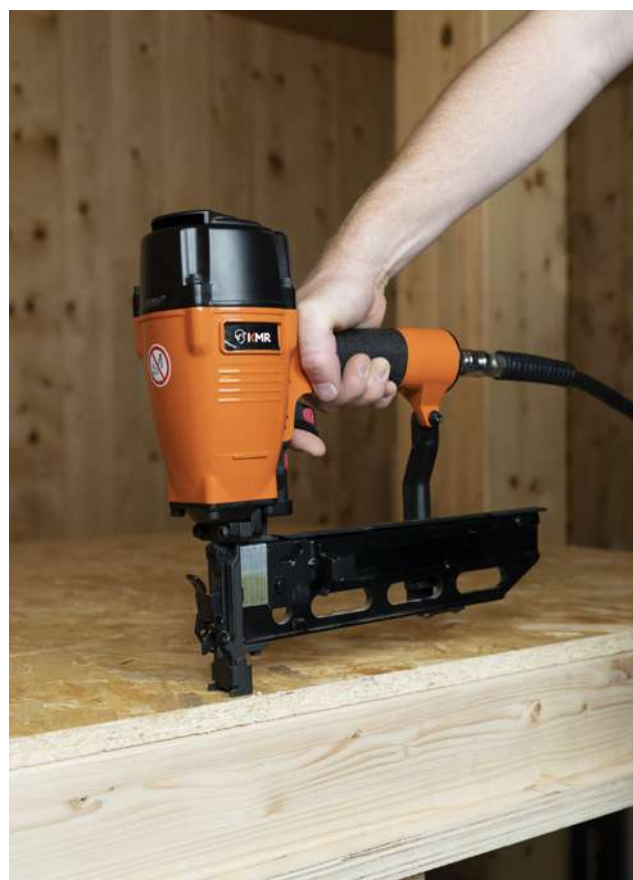
STAPLER FOR STAPLES Q

- Staple type / length: **Q and KG 32 - 65 mm**
- Weight: **2,5 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3727	single / contact	1



KBS160A

STAPLER FOR STAPLES BS

- With regulator penetration
- Staple type / length: **BS 65 - 160 mm**
- Weight: **6,2 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
RTKBS160A	single	1



STAPLERS

KMR 3455

AUTOMATIC STAPLER FOR KG STAPLES

- Automatic trigger with adjustable speed



CODE	staple type / length [mm]	flange width [mm]	wire thickness [mm]	trigger	weight [kg]
HH3455	KG 25 - 50	11,1	1,44	automatic	2,3

KMR 3454

AUTOMATIC STAPLER FOR KG STAPLES

- Automatic trigger with adjustable speed



CODE	staple type / length [mm]	flange width [mm]	wire thickness [mm]	trigger	weight [kg]
HH3454	KG 40 - 65	11,1	1,44	automatic	2,7

KMR 3489

COMBI STAPLER

- With pull-through regulator and transport case



CODE	staple type / length [mm]	mini brad length [mm]	trigger	weight [kg]
HH3489	C 12 - 41	16 - 50	single / contact	1,2

KMR 3418

COMBI STAPLER

- With regulator penetration
- For G, KG and H staples as well as T nails and countersunk head nails



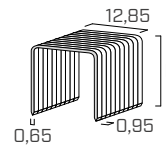
CODE	staple type / length [mm]	nails-T [mm]	countersunk head nails [mm]	trigger	weight [kg]
HH3418	G 32 - 64 KG 35 - 65 H 44 - 64	32 - 65	32 - 60	single (also available by actuation contact)	3,3

CODE	description	pcs
HH14410770	stalk for boards with rounded edges	1
HH14411544	stalk for weather boarding	1
HH14411035	piston for finishing nails	1


STAPLES

STAPLES K CHISEL TIP

- Wire 0,8 mm

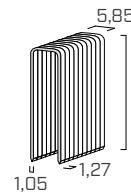



A2

CODE	L [mm]	cladding	compatible machine		pcs	kg	pcs/ 
			HH3482	HH3417			
HH10005126	6	zinc plated	●		10000	1,0	5500000
HH10005127	8	zinc plated	●		10000	1,1	2400000
HH10005129	10	zinc plated	●	●	10000	1,3	7000000
HH10005131	12	zinc plated	●	●	10000	1,5	5500000
HH10005132	14	zinc plated	●	●	10000	1,7	4000000
HH10005134	16	zinc plated	●	●	10000	1,9	5500000
HH10005128	10	A2	●	●	10000	1,3	4400000
HH10005130	12	A2	●	●	10000	1,5	5500000
HH10005140	14	A2	●	●	10000	1,7	4000000
HH10005133	16	A2	●	●	10000	1,9	2000000

STAPLES C CHISEL TIP

- Wire 1,2 mm

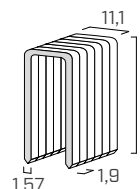


CODE	L [mm]	cladding	surface	compatible machine		pcs	kg	pcs/ 
				HH3481	HH3489			
HH10005143	12	zinc plated	-	●	●	5000	1,1	3600000
HH10005146	16	zinc plated	-	●	●	5000	1,5	3000000
HH10005147	19	zinc plated	-	●	●	5000	1,8	3000000
HH10005149	22	zinc plated	-	●	●	5000	2,0	3600000
HH10005150	25	zinc plated	-	●	●	5000	2,2	1440000
HH10005151(*)	29	zinc plated	-	●	●	5000	2,8	1440000
HH10005153(*)	32	zinc plated	resin-coated	●	●	5000	2,9	1200000
HH10005154	38	zinc plated	resin-coated	●	●	5000	3,4	3200000
HH10005156	41	zinc plated	resin-coated	●	●	5000	3,6	1800000

(*) The CE marking according to EN 14566 allows its use as a fastening device for plasterboard systems.


STAPLES Q CHISEL TIP

- Wire 1,9 mm



A2



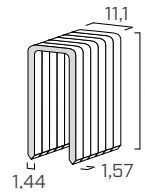
CODE	L [mm]	cladding	surface	compatible machine HH3727	pcs	kg	pcs/ 
HH10005874	45	zinc plated	resin-coated	●	4320	7,7	453600
HH10005875	50	zinc plated	resin-coated	●	4320	8,9	362880
HH10005876	55	zinc plated	resin-coated	●	4320	10,0	362880
HH10005877	63	zinc plated	resin-coated	●	4320	11,0	272160
HH10005213	50	A2	resin-coated	●	2500	5,8	550000
HH10005216	63	A2	resin-coated	●	2500	7,3	380000

STAPLES

STAPLES KG

CHISEL TIP

- Wire 1,44 x 1,57 mm



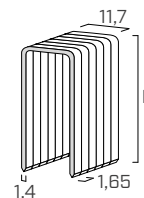
CODE	L [mm]	cladding	compatible machine					pcs	kg	pcs/
			HH3426	HH3455	HH3454	HH3727	HH3418			
HH10005561	30	zinc plated	●	●				5000	5,0	900000
HH10005562	35	zinc plated	●	●		●	●	5000	5,5	900000
HH10005563	40	zinc plated	●	●	●	●	●	5000	6,0	720000
HH10005564(*)	45	zinc plated	●	●	●	●	●	5000	7,0	560000
HH10005565(*)	50	zinc plated	●	●	●	●	●	5000	7,5	560000
HH10005566	55	zinc plated			●	●	●	5000	8,5	560000
HH10005567	65	zinc plated			●	●	●	5000	10,0	420000

*Also available in A2 stainless steel.

STAPLES G

CHISEL TIP

- Wire 1,6 mm



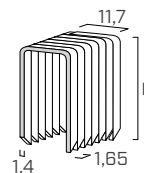
CODE	L [mm]	cladding	surface	compatible machine		pcs	kg	pcs/
				HH3426	HH3418			
HH20006005(*)	25	zinc plated	-	●		5000	4,0	900000
HH10005187(*)	29	zinc plated	-	●		5000	4,7	750000
HH20006010	32	zinc plated	resin-coated	●	●	5000	5,5	750000
HH10005193	35	zinc plated	resin-coated	●	●	5000	5,5	650000
HH20006015	38	zinc plated	resin-coated	●	●	5000	6,0	750000
HH20006020	41	zinc plated	resin-coated	●	●	5000	6,9	625000
HH20006025	45	zinc plated	resin-coated	●	●	5000	7,1	625000
HH20006030	50	zinc plated	resin-coated	●	●	5000	8,0	600000
HH20006035	57	zinc plated	resin-coated		●	5000	9,5	500000
HH20006040	64	zinc plated	resin-coated		●	5000	10,2	500000
HH10005204	45	A2	resin-coated	●	●	5000	7,1	300000
HH10005206	50	A2	resin-coated	●	●	5000	8,0	300000
HH10005210	64	A2	resin-coated		●	5000	10,2	300000

(*) not holding CE marking.

STAPLES G

TIP RH / LH

- Wire 1,6 mm

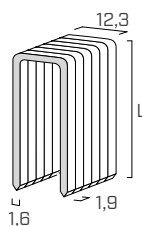



CODE	L [mm]	cladding	surface	compatible machine		pcs	kg	pcs/
				HH3426	HH3418			
HH10005188	29	zinc plated	-	●		5000	4,6	780000
HH10005191	32	zinc plated	resin-coated	●	●	5000	5,0	780000
HH10005195	35	zinc plated	resin-coated	●	●	5000	5,5	520000
HH10005198	38	zinc plated	resin-coated	●	●	5000	5,6	600000
HH10005202	41	zinc plated	resin-coated	●	●	5000	6,2	500000
HH10005203	45	zinc plated	resin-coated	●	●	5000	6,7	300000
HH10005208	50	zinc plated	resin-coated	●	●	5000	8,1	540000

STAPLES TYPE H

SPECIAL STAPLE FOR CONSTRUCTION

- Wire 1,8 mm



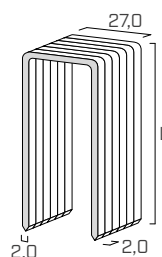
CODE	L [mm]	cladding	surface	compatible machine HH3418	pcs	kg	pcs/ 
HH10005219	45	zinc plated	resin-coated	●	5000	9,3	625000
HH10005221(*)	50	zinc plated	resin-coated	●	5000	11,5	600000
HH10005223(*)	57	zinc plated	resin-coated	●	5000	11,8	375000
HH10005225(*)	64	zinc plated	resin-coated	●	5000	14,0	500000


(*) On request also available in A4.

STAPLES BS

CHISEL TIP

- Wire 2,0 mm



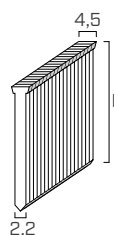
CODE	L [mm]	cladding	surface	compatible machine RTKBS160A	pcs	kg	pcs/ 
HH20005278	75	zinc plated	resin-coated	●	2160	4,4	103680
HH10005296	90	zinc plated	resin-coated	●	1920	9,7	92160
HH10005551	100	zinc plated	resin-coated	●	2860	16,2	171600
HH10005295	110	zinc plated	resin-coated	●	1600	9,7	76800
HH10005552	130	zinc plated	resin-coated	●	1420	10,2	136320
HH10004885(*)	150	zinc plated	resin-coated	●	960	8,0	46080
HH10005272	75	A2	resin-coated	●	2860	11,8	180180
HH10005273	100	A2	resin-coated	●	2860	16,3	171600
HH10005274	110	A2	resin-coated	●	2850	17,7	128250
HH10005276	130	A2	resin-coated	●	1420	10,4	136320
HH20005277(*)	150	A2	resin-coated	●	960	7,9	46080

(*) Not holding CE marking.

T-NAILS AND STRIP COUNTERSUNK HEAD NAILS

COUNTERSUNK HEAD NAILS

- Wire 2,2 mm

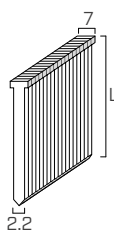


ALU

CODE	L [mm]	cladding	compatible machine HH3418	pcs	kg
HH10300794	32	aluminium	●	10000	3,7
HH10300796	38	aluminium	●	10000	4,2
HH10300798	50	aluminium	●	10000	5,5
HH10300800	60	aluminium	●	10000	6,5

NAILS-T

- Wire 2,2 mm



GALV

CODE	L [mm]	cladding	compatible machine HH3418	pcs	kg
HH10200263	32	zinc plated	●	10000	9,3
HH10200264	38	zinc plated	●	10000	11,2
HH10200265	45	zinc plated	●	10000	13,0
HH10200266	50	zinc plated	●	10000	14,4
HH10200267	55	zinc plated	●	10000	15,7
HH10200268	65	zinc plated	●	10000	17,9

PIN NAILGUNS

KMR 3716

PIN NAILGUN

- With carrying case
- Pin type / length: **pins 12 - 30 mm**
- Weight: **0,9 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3716	single	1



KMR 3485

PIN NAILGUN

- With carrying case
- Pin type / length: **pins 25 - 50 mm**
- Weight: **1,2 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3485	single	1



PIN NAILGUNS

KMR 3483

MINI BRAD NAILGUN

- With carrying case
- With regulator penetration
- Pins type / length: **mini brads 15 - 55 mm**
- Weight: **1,2 kg**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3483	single / contact	1

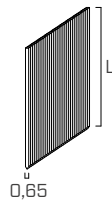


PINS AND BRADS

PINS

HEADLESS NAILS

- Wire 0,65 mm



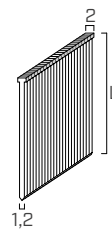
BRONZ

CODE	L [mm]	cladding	compatible machine		pcs	kg
			HH3485	HH3716		
HH10100218	12	bronzed		●	20000	0,6
HH10100219	15	bronzed		●	20000	0,8
HH10100220	18	bronzed		●	20000	0,8
HH10100221	20	bronzed		●	20000	1,0
HH10100222	22	bronzed		●	20000	1,1
HH10100223	25	bronzed	●	●	10000	0,6
HH10100224	30	bronzed	●	●	10000	1,5
HH10100225	35	bronzed	●		10000	1,1
HH10100226	40	bronzed	●		13000	1,2
HH10100227	45	bronzed	●		20000	2,3
HH10100228	50	bronzed	●		13000	1,7

BRADS

MINI BRADS

- Wire 1,2 mm



A2

CODE	L	cladding	compatible machine	pcs	kg
	[mm]		HH3483		
HH10300778	16	zinc plated	●	10000	1,5
HH10300853	19	zinc plated	●	5000	0,8
HH10300847	25	zinc plated	●	5000	1,0
HH10300781	30	zinc plated	●	5000	1,4
HH10300782	32	zinc plated	●	5000	1,4
HH10300783	35	zinc plated	●	5000	1,5
HH10300784	38	zinc plated	●	5000	1,7
HH10300848	40	zinc plated	●	5000	1,8
HH10300786	45	zinc plated	●	5000	1,9
HH10300849	50	zinc plated	●	5000	2,1
HH10300788	55	zinc plated	●	5000	2,3
HH10300789	20	A2	●	5000	0,9
HH10300790	25	A2	●	5000	1,1
HH10300791	32	A2	●	5000	1,5
HH10300792	40	A2	●	5000	1,8
HH10300850	50	A2	●	5000	2,3

HAMMER STAPLERS

KMR 735347 HAMMER STAPLER

- Weight: **0,87 kg**
- Back width: **10,6 mm**



CODES AND DIMENSIONS

CODE	pcs
HH735347	1



KMR 735322 HAMMER STAPLER

- Weight: **1,04 kg**
- Back width: **10,6 mm**



CODES AND DIMENSIONS

CODE	pcs
HH735322	1



RTHH14B

MANUAL STAPLER

- Weight: 0,6 kg
- Back width: 10,6 mm



CODES AND DIMENSIONS

CODE	pcs
RTHH14B	1

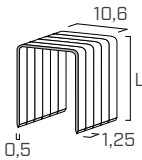



STAPLES FOR HAMMER STAPLERS

STAPLES L

CHISEL TIP

- Wire 0,5 mm



CODE	L [mm]	cladding	compatible machine			pcs	kg	pcs/ 
			HH735347	HH735322	RTHH14B			
HH10005121	6	zinc plated	●		●	5000	0,5	6000000
HH10005122	8	zinc plated	●	●	●	5000	0,6	6000000
HH10005123	10	zinc plated	●	●	●	5000	0,7	6000000
HH10005124	12	zinc plated		●	●	5000	0,7	6000000
HH10005125	14	zinc plated		●	●	5000	0,8	6000000

MORE ACOUSTIC COMFORT IN YOUR TIMBER HOUSE



Reduce noise by up to 15 dB

XYLOFON is one of the solutions we propose for the reduction of noise inside timber structures. A high-performance resilient profile that ensures acoustic comfort by reducing airborne and structural noise transmission by up to 15 dB. The different hardness levels have different colours, so that the correct profile to be assembled at each level can be identified immediately and guarantee easy installation.

Scan the QR code and download our "Acoustic Solutions" catalogue.



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Solutions for Building Technology

FALL PROTECTION

FALL PROTECTION

FALL PROTECTION

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KIT

PROFI

PROFESSIONAL PPE CONSTRUCTION SITE KIT

- Composed of professional PPE
- Suitable for rope suspension work or rope access methods



CODES AND DIMENSIONS

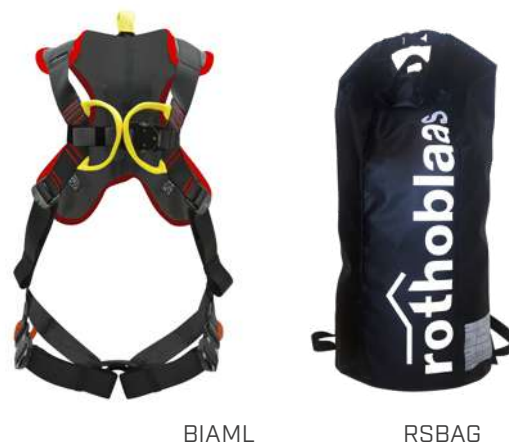
CODE	TYPE	description	pcs
PROFI	ARTEMISML	professional harness and safety strap for positioning in the workstation (size M/L)	1
	ROPE110	semi-static rope with sewn eyelets and self-locking carabiner (10 m)	1
	BACK	mobile fall protection and positioning device	1
	PRO	helmet for work at height, on construction site or in industrial areas	1
	RSBAG	waterproof bag	1



INTERMEDIATE

SEMI-PROFESSIONAL KIT FOR WORKSITES

- Includes harness (quick and easy to put on), mobile fall protection device with rope and waterproof bag
- Appropriate for all types of work at height and on the ground



CODES AND DIMENSIONS

CODE	TYPE	description	pcs
INTER	BIAML	professional harness for fall protection (size M/L)	1
	LINO10	guided type fall arresters on anchor line (10 m)	1
	RSBAG	waterproof bag	1



BASE

BASE WORKSITE KIT

- Essential standard equipment
- Includes harness, mobile fall protection device with rope and backpack



IRIS



RBBAG

CODES AND DIMENSIONS

CODE	TYPE	description	pcs
BASE	IRIS	harness for fall protection (single size)	1
	LINO10	guided type fall arresters on anchor line (10 m)	1
	RBBAG	backpack	1



LINO10

SACK

WATERPROOF BAG

- Extremely robust
- Internal document pocket

CODES AND DIMENSIONS

CODE	H [mm]	capacity [l]	weight [g]	pcs
RSBAG	700	30	610	1



RSBAG

HELMETS

PROTECTOR

HELMETS FOR WORKPLACE SAFETY,
FOR INDUSTRY AND CONSTRUCTION

- Weight: **385 g**
- Material: **ABS**
- Chin strap opening in case of impact: **between 15 and 25 daN**



CODES AND DIMENSIONS

CODE	description	size	pcs
PRO	PROTECTOR	UNI 52 - 64 cm	1
PRONEC	PROTECTOR with nape cover	UNI 52 - 64 cm	1

On request, also available in different colours (yellow, fluorescent yellow, black, rubberised black, orange and red).



ARCH

HELMETS FOR WORKPLACE SAFETY,
FOR INDUSTRY AND CONSTRUCTION

- Weight: **385 g**
- Material: **ABS**
- Chin strap opening in case of impact: **between 15 and 25 daN**



CODES AND DIMENSIONS

CODE	certification	size	pcs
ARCH	EN 397, ANSI Z89.1 -2009	UNI 55 - 63 cm	1

Also available in other colours by request (yellow, orange).



VISOR

VISORS FOR HELMET



VISTRA



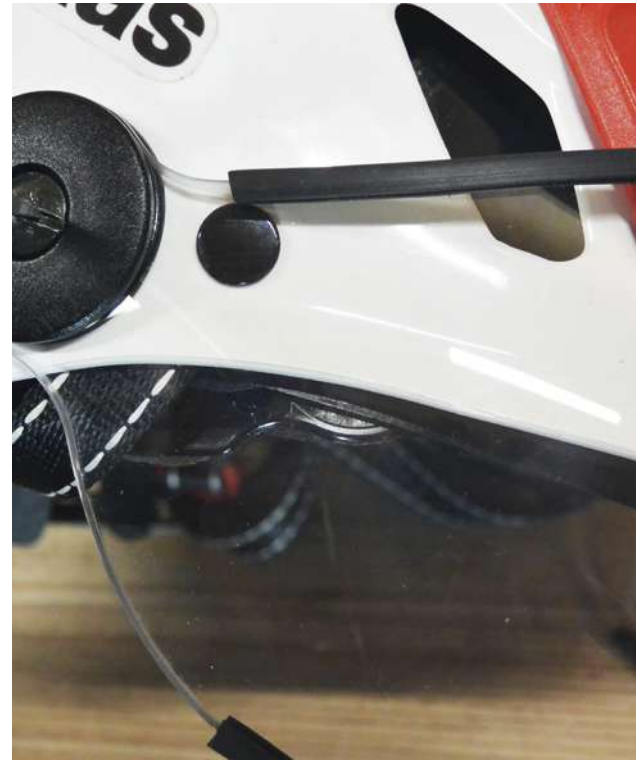
VISDAR



VISTRALON



VISTRE



CODES AND DIMENSIONS

CODE	material	for helmets	pcs
VISTRA	polycarbonate	PROTECTOR + ARCH	1
VISDAR	polycarbonate	PROTECTOR + ARCH	1
VISTRALON	polycarbonate	PROTECTOR + ARCH	1
VISTRE(*)	metal	PROTECTOR + ARCH + PAN	1

Fastening kit included with all models.
(*) According to EN 1731:1995.

PADDING

PADDING FOR HELMETS

CODES AND DIMENSIONS

CODE	description	for helmets	pcs
PADPRO	spare padding	PROTECTOR	1
PADARC	spare padding	ARCH	1



HELMETS

CE
EN 352-1

EAR

EAR DEFENDERS FOR HELMETS



EAR26



EAR30



EAR32



CODES AND DIMENSIONS

CODE	SNR [dB]	for helmets	pcs
EAR26	26	PROTECTOR + ARCH	1
EAR30	30	PROTECTOR + ARCH	1
EAR32	32	PROTECTOR + ARCH	1

CODE	description	for helmets	pcs
EARADA	ear defenders adapter	PROTECTOR	1

Adaptors not appropriate for the ARCH helmet.

GEAR

HEAD WRAP FOR HELMETS

CODES AND DIMENSIONS

CODE	description	for helmets	pcs
GEAPRO	spare head wrap	PROTECTOR	1
GEARCH	spare head wrap	ARCH	1



ONE LIFELINE FOR EVERY SUBSTRUCTURE



All safety dimensions

Our range of life lines meets every design requirement: horizontal, vertical, façade or overhead, they are easy to install and guarantee maximum safety for operators. The wide choice of supports allows installation on metal sheet, concrete and timber substrates. We offer complete packages including supply, design and installation support and after-sales service.

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Solutions for Building Technology

HARNESSES

ARTEMIS

PROFESSIONAL HARNESS FOR FALL PROTECTION AND POSITIONING

- Three anchor points (ventral, sternal and dorsal) and two innovative lateral positioning rings made of fabric bands
- Two large gear rings
- Thick padding that guarantees the utmost comfort during use

CE
EN 361
EN 358
EN 813
EN 12277/ A/C



FRONT

REAR

CODES AND DIMENSIONS

CODE	belt [cm]	leg [cm]	size	weight [g]	pcs
ARTEMISML	72/105	50/68	M/L	1400	1
ARTEMISXL	89/130	62/80	XL	1450	1

BIA

PROFESSIONAL HARNESS FOR FALL PROTECTION

- Front anchor point with two large fluorescent yellow rings that facilitate identification

CE
EN 361
EN 12277/A



FRONT

REAR

CODES AND DIMENSIONS

CODE	belt [cm]	leg [cm]	size	weight [g]	pcs
BIAML	72/105	50/62	M/L	900	1
BIAXL	89/130	62/80	XL	950	1

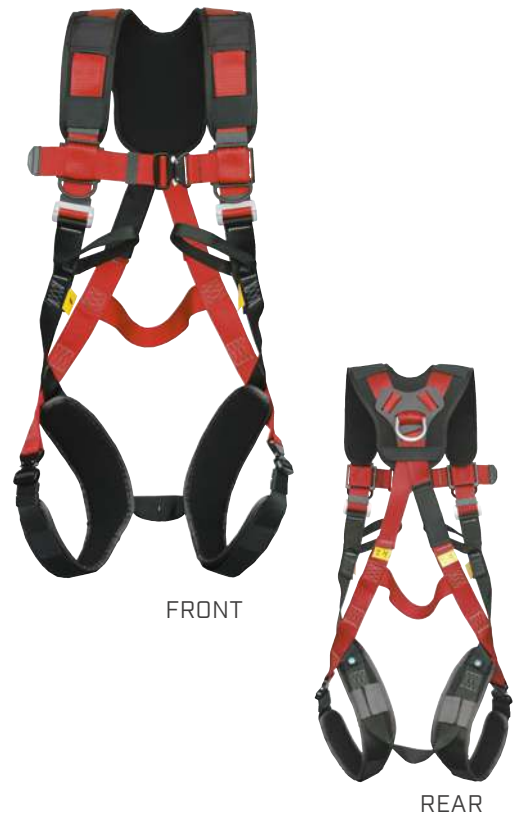
HESTIA

HARNESS FOR FALL PROTECTION

- Two attachment points: sternal and dorsal
- Three quick-closing buckles on breastplates and leg loops for immediate dressing

CODES AND DIMENSIONS

CODE	leg [cm]	size	weight [g]	pcs
HESTIAS	46/71	S	1270	1
HESTIAMXL	53/92	M/XL	1315	1
HESTIAXXL	63/94	XXL	1365	1



IRIS

HARNESS FOR FALL PROTECTION

- Two attachment points: sternal and dorsal
- Steel buckles and dorsal connection

CODES AND DIMENSIONS

CODE	size	weight [g]	pcs
IRIS	UNI	580	1



ROPES

LINOSTOP

GUIDED TYPE FALL ARRESTER ON ANCHOR LINE

- Material: **polyamide**
- Guided and sliding-type fall protection device, with fixed installation on the rope
- Two steel carabiners with screw ring nut

CODES AND DIMENSIONS

CODE	rope [mm]	L [m]	weight [g]	pcs
LINO10	Ø12	10	2000	1
LINO15	Ø12	15	2500	1
LINO20	Ø12	20	3000	1



CE
EN 353-2

ROPE 1

ROPE WITH LOOPS AND AUTO BLOCK CONNECTOR

- Material: **polyamide**
- Rubber protective terminals

CODES AND DIMENSIONS

CODE	rope [mm]	L [m]	weight [g]	pcs
ROPE110	Ø11	10	820	1
ROPE115	Ø11	15	1200	1
ROPE120	Ø11	20	1580	1
ROPE130	Ø11	30	2340	1
ROPE150	Ø11	50	3860	1



CE
EN 566
EN 795/B

ENERGY

ADJUSTABLE ROPE WITH ENERGY ABSORBER

- Ø12 rope; one end has a knot to adjust the length, the other is sewn with an attachment knot
- Steel quick release carabiner, second steel carabiner with double safety lock and wide opening (50 mm)

CODES AND DIMENSIONS

CODE	material	rope [mm]	L [m]	pcs
ENERGY	polyamide	Ø12	2,0	1



CE
EN 355

SICUROPE

SINGLE ARM ROPE WITH ENERGY ABSORBER

CE
EN 355

- Energy absorber with wear indication
- Steel carabiners with screw ring nuts included

CODES AND DIMENSIONS

CODE	material	L [m]	weight [g]	pcs
SIC15	polyamide	1,5	715	1
SIC2	polyamide	2,0	755	1



DOUBLE SICUROPE

DOUBLE ARM ROPE WITH ENERGY ABSORBER

CE
EN 355

- Energy absorber with wear indication
- Steel carabiner with screw ring nut and two aluminium connectors with double safety catch included

CODES AND DIMENSIONS

CODE	material	L [m]	weight [g]	pcs
DSIC15	polyamide	1,5	890	1
DSIC2	polyamide	2,0	930	1



SCAFFOLD DUO

DOUBLE ARM ROPE WITH ENERGY ABSORBER

CE
EN 355

- Energy absorber with wear indication
- Steel carabiner with screw ring nut and two aluminium large aperture (56 mm) connectors with double safety catch included

CODES AND DIMENSIONS

CODE	material	L [m]	weight [g]	pcs
SCA15	polyamide	1,5	1540	1



STOP DEVICES

FALL BLOCK

RETRACTABLE DEVICE WITH STEEL CABLE

- Material: **zinc plated steel/ABS**
- Vertical usage: **10, 15 and 20 m versions**
- Horizontal use: **10 m**

CE
EN 360
ATEX II 2 G c 76

CODES AND DIMENSIONS

CODE	L [m]	weight [kg]	pcs
FAL10	10	4,6	1
FAL15	15	7,2	1
FAL20	20	7,7	1



FAL10



FAL15 - FAL20

STRAP 6

RETRACTABLE DEVICE

- Material: **polyester**
- Upper rotating anchor point
- **Twist-Lock** carabiner with anti-kink link
- Use: **vertical and horizontal**

CE
EN 360

CODES AND DIMENSIONS

CODE	L [m]	weight [kg]	pcs
STRAP6	6	2,4	1



BACK

FALL PROTECTION AND POSITIONING DEVICE

- Steel carabiner with **auto block ring nut** included
- Material: **stainless steel / aluminium alloy**
- Lever to switch from the fall protection function to the positioning function

CE
EN 353-2
EN 358
EN 567
EN 12841 A/B
ANSI/ISEA Z359.15-2014



BACK

CODES AND DIMENSIONS

CODE	rope [mm]	weight [g]	pcs
BACK	Ø10 - Ø12	420	1
BACKANSI	Ø10 - Ø12	435	1



BACKANSI

ROPE BRAKE

ANTIPANIC DESCENDER

- Number of workers: **2**
- Material: **stainless steel / aluminium alloy**
- Easy rope use during ascent

CE
EN 341
EN 12841
NFPA



CODES AND DIMENSIONS

CODE	rope [mm]	weight [g]	pcs
ROPBRA	Ø10 - Ø12	480	1

MOBILE DEVICES



CE
EN 795:2012 B+C
CEN/TS 16415:2013

HOLD-SYSTEM[®] TEMPORARY LIFE LINE

- Number of users: **2**
- Maximum span: **12 m**
- R_{min} (anchor points) $\leq 6 - 9 \text{ kN}$



CODES AND DIMENSIONS

CODE	L [m]	pcs
TEMPLUS20	20	1
TEMPLUS30	30	1
TEMPLUS40	40	1
TEMPLUS60	60	1

VIDEO

Scan the QR Code and watch the video on our YouTube channel



TEMPORARY TEMPORARY LIFE LINE

- Horizontal temporary life line that is easy to install, with 30 mm polyester band with high load bearing capacity and excellent visibility
- Number of users: **2**
- Maximum span: **20 m**

CODES AND DIMENSIONS

CODE	description	pcs
TEMP20	temporary life line	1
OVALSTE	large carabiner	1



A. EN 795/C

CE
EN 795:2012 C
CEN/TS 16415:2013

BAND 1

60 cm BAND



CODES AND DIMENSIONS

CODE	L [m]	Q _r [kN]	pcs
BAND2360	0,6	23	1
BAND3560	0,6	35	1



BAND2360



BAND3560

BAND 2

120 cm BAND



CODES AND DIMENSIONS

CODE	L [m]	Q _r [kN]	pcs
BAND23120	1,2	23	1
BAND35120	1,2	35	1



BAND23120



BAND35120

BAND 3

180 cm BAND



CODES AND DIMENSIONS

CODE	L [m]	Q _r [kN]	pcs
BAND23180	1,8	23	1
BAND35180	1,8	35	1



BAND23180



BAND35180

CARABINERS

CLASSIC

CONNECTORS FOR USE WITH MOBILE DEVICES

CE
EN 12275
EN 362/B

CODES AND DIMENSIONS

CODE	material	<> [kN]	∧ [kN]	G [kN]	weight [g]	pcs
CLASTE	carbon steel	24	10	7	176	1
CLAALU	aluminium	22	7	7	65	1



CLASTE



CLAALU

OVAL

CONNECTORS FOR CONNECTION
TO PERMANENT ANCHOR POINTS

OVALSTE - OVALALU

CE
EN 12275/B
EN 362/M

OVALANS

CE
EN 12275/B
EN 362/M
ANSI Z359.12

CODES AND DIMENSIONS

CODE	material	<> [kN]	∧ [kN]	weight [g]	pcs
OVALSTE	carbon steel	40	15	215	1
OVALALU	aluminium	26	9	77	1
OVALANS	carbon steel	40	20	230	1

Also available with screw ring nut and Twist-Lock upon request.



OVALSTE



OVALALU



OVALANS

XXLSTE - XXLALU

CE
EN 12275/B
EN 362/M

XXLANS

CE
EN 12275/B
EN 362/M
ANSI Z359.12

XXL

CONNECTOR WITH HIGH BREAKING LOAD

CODES AND DIMENSIONS

CODE	material	<> [kN]	∧ [kN]	weight [g]	pcs
XXLSTE	carbon steel	50	13	240	1
XXLALU	aluminium	30	9	95	1
XXLANS	carbon steel	50	20	265	1

Also available with screw ring nut and Twist-Lock upon request.



XXLSTE



XXLALU



XXLANS

GLOVES

NITRAN

NYLON-ELASTAN / NITRILE FOAM GLOVES

CE
EN 388

CODES AND DIMENSIONS

CODE	size	pcs
NIT8	8	1
NIT9	9	1
NIT10	10	1



LATEX

NYLON / LATEX GLOVES

CE
EN 388

CODES AND DIMENSIONS

CODE	size	pcs
LAT8	8	1
LAT9	9	1
LAT10	10	1



NYLON

NYLON / LATEX GLOVES

CE
EN 388

CODES AND DIMENSIONS

CODE	size	pcs
NYL8	8	1
NYL9	9	1
NYL10	10	1



ECO

POLYESTER / NITRILE GLOVES

CE
EN 388

CODES AND DIMENSIONS

CODE	size	pcs
ECO8	8	12
ECO9	9	12
ECO10	10	12



EYE AND EAR PROTECTION

GLASS 1

GLASSES WITH TEMPLES

CE
EN 166



CODES AND DIMENSIONS

CODE	description	pcs
GLASS1	side protection	1

GLASS 2

GLASSES WITH TEMPLES

CE
EN 166



CODES AND DIMENSIONS

CODE	description	pcs
GLASS2	gray lenses	1

HEADPHONE

FOLDING EAR MUFFS

CE
EN 352-1



CODES AND DIMENSIONS

CODE	SNR [dB]	pcs
HEAD	29	1

COLLECTIVE PROTECTION AND ACCESSES

LADDER FIX MOBILE LADDER HOOK



CODES AND DIMENSIONS

CODE	B [mm]	L [mm]	H [mm]	weight [kg]	pcs
LADFIX	310	1000	60	2,2	1



ROOF LADDER HOOK FOR PITCHED ROOFS



CODES AND DIMENSIONS

CODE	material	holes Ø11,5 [n]	pcs
ROOF	zinc plated steel	3	1



WALL LADDER HOOK FOR WALL



CODES AND DIMENSIONS

CODE	material	holes Ø9 [n]	holes Ø13 [n]	pcs
WALL	zinc plated steel	5	4	1



COLLECTIVE PROTECTION AND ACCESSES

CLASS A2

EN
1263-1

HORIZONTAL NET

HORIZONTAL POLYPROPYLENE
FALL PROTECTION SAFETY NET

CODES AND DIMENSIONS

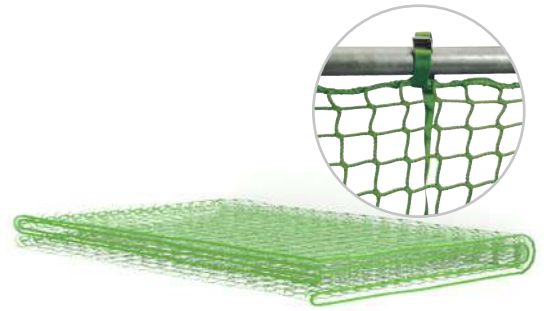
CODE	B [m]	L [m]	mesh [mm]	rope [mm]	weight [kg]	pcs
HOR510	5	10	100	Ø5	11,4	1
HOR610	6	10	100	Ø5	13,7	1
HOR1010	10	10	100	Ø5	22,9	1
HOR7515	7,5	15	100	Ø5	25,7	1

Each fastening point must withstand a minimum load of 6 kN.

ADDITIONAL PRODUCTS - FASTENING

CODE	description	rope [mm]
HORFIX(*)	fastening rope	Ø14
HORCONNECT(*)	sewing rope	Ø6
NETHOOK1	U net hook	-

(*)It can be ordered by the metre.



NETHOOK1

CLASS A2

EN
1263-1

VERTICAL NET

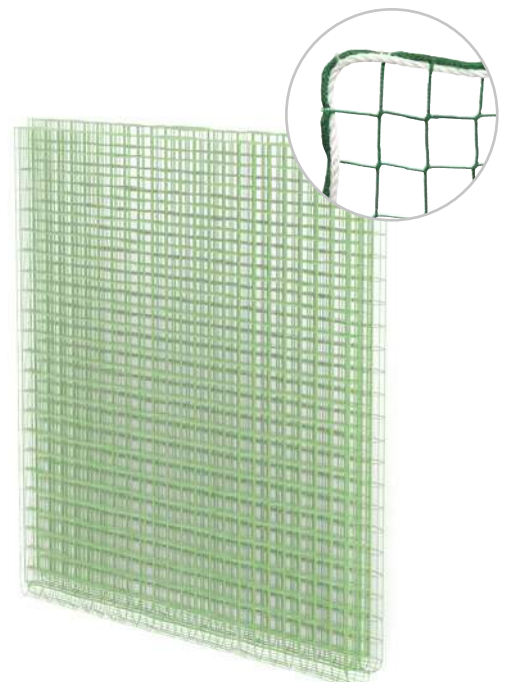
LATERAL POLYPROPYLENE
FALL PROTECTION SAFETY NET

CODES AND DIMENSIONS

CODE	B [m]	L [m]	mesh [mm]	rope [mm]	weight [kg]	pcs
VER210	2	10	100	Ø5	4,5	1

ADDITIONAL PRODUCTS - FASTENING

CODE	description	L [mm]	P _{min} [mm]
VERBENT	fastening strap	600	700



CLASS A
EN
13374

MOBILE RAIL 1

TEMPORARY RAILING FOR SLOPES
OF NOT MORE THAN 10°



CODES AND DIMENSIONS

CODE	material	degrees [mm]	weight [kg]	pcs
RAIL1	zinc plated steel	90°	7,8	1



CLASS B
EN
13374

MOBILE RAIL 2

TEMPORARY RAILING FOR SLOPES
OF NOT MORE THAN 30°



CODES AND DIMENSIONS

CODE	material	degrees [mm]	weight [kg]	pcs
RAIL2	zinc plated steel	68°	10,0	1

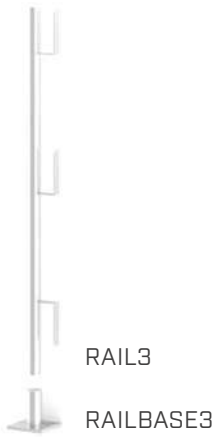


COLLECTIVE PROTECTION AND ACCESSES

CLASS A
EN
13374

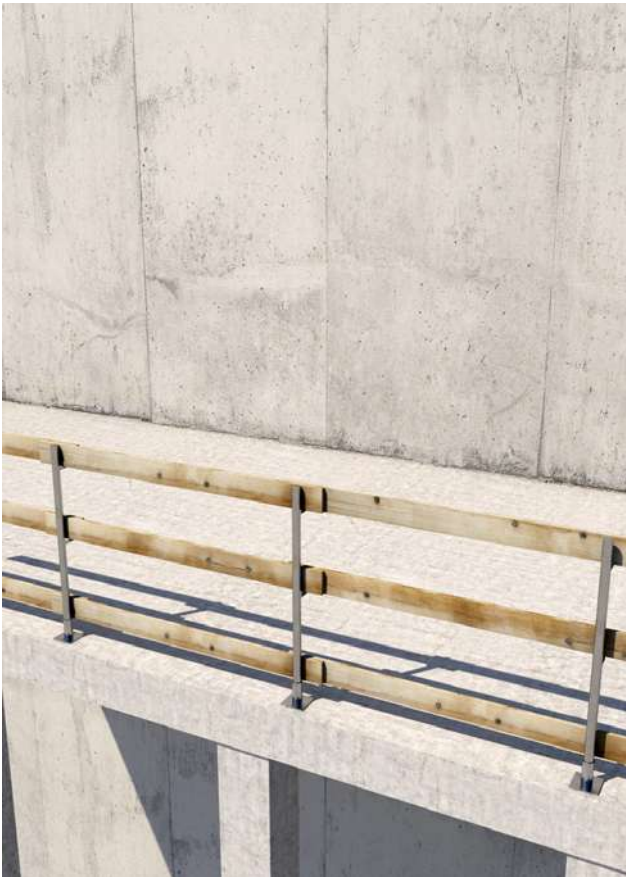
CONCRETE RAIL

RAILING FOR HORIZONTAL EDGES



CODES AND DIMENSIONS

CODE	material	degrees	weight [kg]	pcs
RAIL3	zinc plated steel	90°	2,4	1
RAILBASE3	zinc plated steel	-	1,2	1



CLASS B
EN
13374

STAIR RAIL

UNIVERSAL RAILING WITH STEM



CODES AND DIMENSIONS

CODE	material	opening [mm]	weight [kg]	pcs
RAIL4	zinc plated steel	800	5,0	1



SINGLE ANCHOR POINTS

LOOP - LOOP XL ANCHOR POINT

UNI
11578:2015
A

EN
795:2012
A



CODES AND DIMENSIONS

CODE	material	L [mm]	pcs
LOOP	1.4404 stainless steel grade AISI316	456	5
LOOPXL	1.4404 stainless steel grade AISI316	756	1



KITE ANCHOR POINT

UNI
11578:2015
A

EN
795:2012
A



CODES AND DIMENSIONS

CODE	material	B [mm]	L [mm]	pcs
KITE	1.4016 stainless steel grade AISI430	101	100	1



SINGLE ANCHOR POINTS

HOOK EVO ANCHOR POINT



CODES AND DIMENSIONS

CODE	material	L [mm]	pcs
HOOKEVO	1.4016 stainless steel grade AISI430	490	5

UNI
11578:2015
A

EN
795:2012
A



HOOK EVO 2.0 ANCHOR POINT



CODES AND DIMENSIONS

CODE	material	H [mm]	pcs
HOOKEVO20	1.4301 stainless steel grade AISI304	20	1
HOOKEVO50	1.4301 stainless steel grade AISI304	50	1
HOOKEVO100	1.4301 stainless steel grade AISI304	100	1

UNI
11578:2015
A

EN
795:2012
A



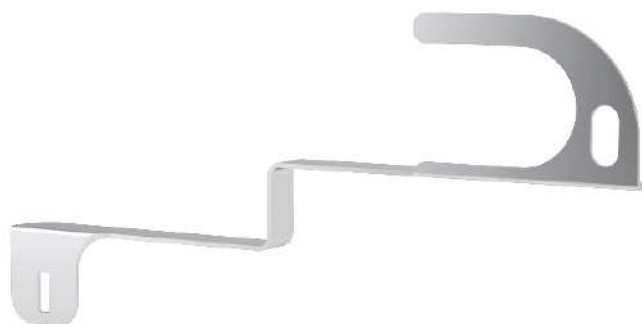
SLIM

ANCHOR POINT FOR SMALL STRUCTURES

EN
517:2006
B

UNI
11578:2015
A

EN
795:2012
A



CODES AND DIMENSIONS

CODE	material	pcs
SLIM	1.4016 stainless steel grade AISI430	5

WING

ANCHOR POINT FOR WORK AT HEIGHT AND IN SUSPENSION

CEN/TS
16415:2013

ANSI
Z359.18
A

UNI
11578:2015
A

EN
795:2012
A



CODES AND DIMENSIONS

CODE	description	pcs
WING	S355J2 - white galvanic zinc plating Fe/Zn 12μ + powder coating (RAL7032 - grey)	1
WINGY	S355J2 - white galvanic zinc plating Fe/Zn 12μ + powder coating (RAL1016 - yellow)	1
WINGA4	1.4404-A4-AISI316 painted	1

The colour of the powder paint can be changed on request.

TRANSPORT AND LIFTING

TRANSPORT AND LIFTING

TRANSPORT AND LIFTING

WASP	150
<i>HOOK FOR TIMBER ELEMENTS TRANSPORT</i>	
ANCHOR DEVICES	156
MANTIS	156
DRAGON	157
OCTOPUS	157
VIPER	158
FASTENING STRAPS	159
RATTLE	159
PHYTHON 3	159
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MULE	160
<i>TEMPORARY MATERIALS CANOPY, CAN BE USED AS BEARING OR WORKING SURFACE</i>	
GRIZZLY	162
<i>UNIVERSAL PANEL HOLDER</i>	
GORILLA	162
<i>ONE-HAND PANEL HOLDER</i>	

APPLICATION OF TRANSPORT AND LIFTING DEVICES

INDICATIONS FOR THE CORRECT USE OF ANCHOR POINTS

MULTIPLE OR SINGLE USE FOR EACH LIFTING CYCLE?

Some lifting devices, such as WASP, can be used several times until they show too evident damage or signs of wear. These are defined in the respective instructions for use.

Other lifting devices instead can only be used for one "lifting cycle" and must therefore be removed and disposed of after the activity even if apparently intact. These include MANTIS products and WASP screws.

The definition of "a lifting cycle" is as follows: installation and fastening of the transport strap to the element concerned in the factory; raising and lifting on the truck always in the factory; lifting from the truck and placing in the final position on the construction site. After that, the strap must be cut and disposed of, and will NOT be used for other elements! If a device is stored in the factory for an extended period of time and its number of uses can no longer be defined, a new lifting strap must be used.

Easy to use
["a lifting cycle"]

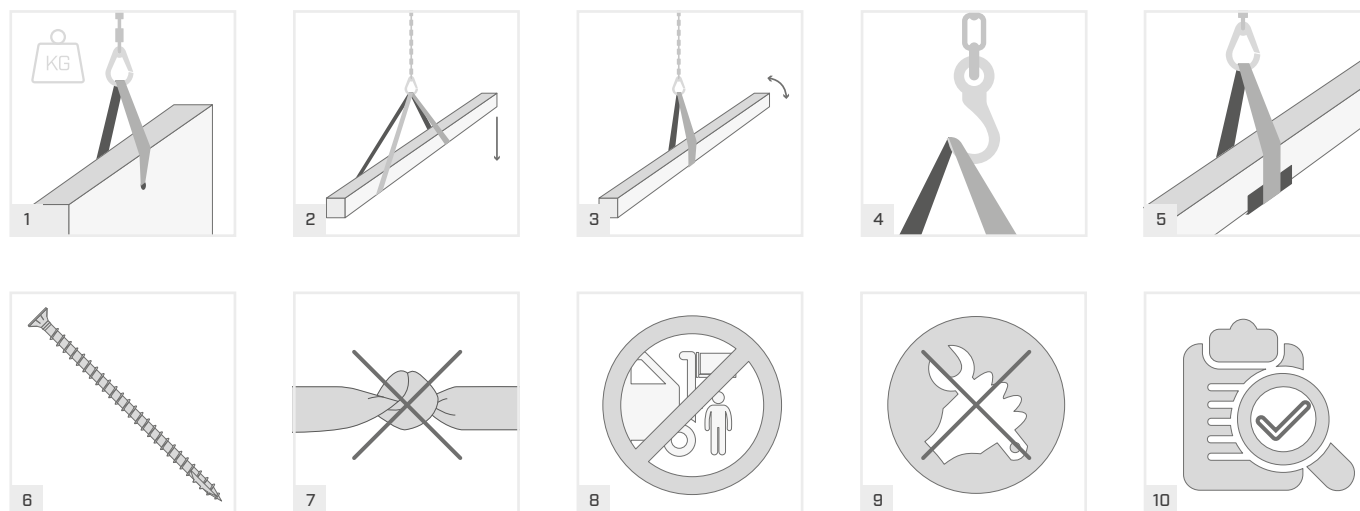


DO NOT
RE-USE

Multiple use



REUSABLE



IMPORTANT

01. Check the weight. The maximum weight indicated on anchor points must not be exceeded.
02. Take into account the belts anchor method and angle of inclination.
03. Take the load center of gravity into account. The load must always be lifted above the centre of gravity.
04. The anchor points are correctly connected and closed and that nothing may slip.
05. When using the straps make sure that these do not rub against any sharp edge.
06. The screws used when using the WASP lifting hook can be used once.
07. If straps are used it is necessary to ensure that no knots are present. In case you find damage remove them immediately; they will no longer be usable.
08. Make sure that nobody stops under a lifted load!
09. It is absolutely forbidden to make any changes to the lifting products. If damage is found the product must be removed and replaced.
10. Lifting systems can be used only by trained staff. Follow the instructions for use.



WASP



HOOK FOR TIMBER ELEMENTS TRANSPORT

STABLE

The built-in jaws hold down the screw head in the wall.

EFFECTIVE

Can be used for axial and transversal loads.

CERTIFICATE

Pursuant to the Directive 2006/42/EC on machinery.

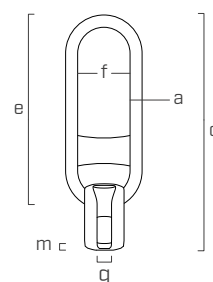


CODES

	suitable screws	pcs
WASP	VGS Ø11 - HBS Ø10	2
WASPL	VGS Ø11 - VGS Ø13	2

DIMENSIONS

	a	d	e	f	g	m
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
WASP	12	185	157	40	12	6
WASPL	14	208	180	54	13	9,8



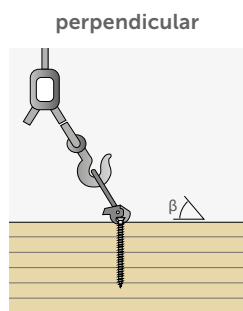
MATERIAL

Made of very high strength bright zinc plated carbon steel.

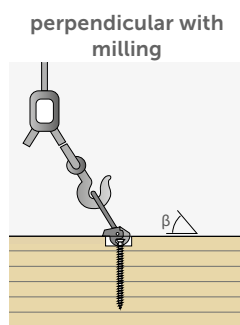
VERSATILE

Various installation options with more types of screws for load conditions and different materials.

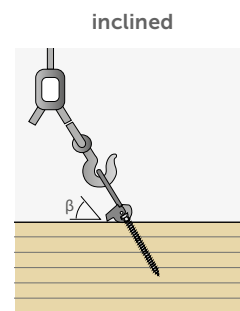
SCREWS ALIGNMENT



Insert the screw perpendicular to the timber



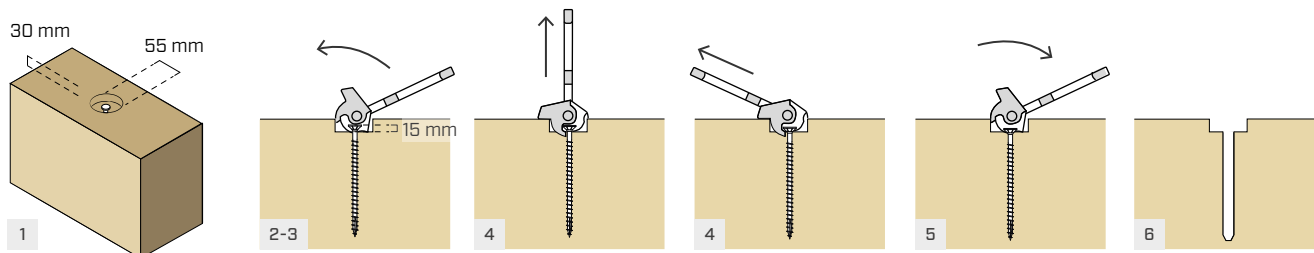
During the milling process described below, the screw is screwed perpendicular to the timber



Screwing is performed at the same angle as the lifting strap

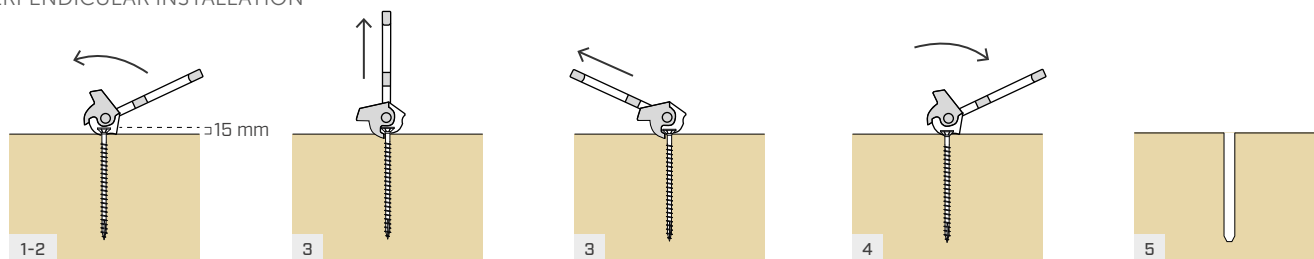
WASP INSTALLATION

INSTALLATION WITH MILLING



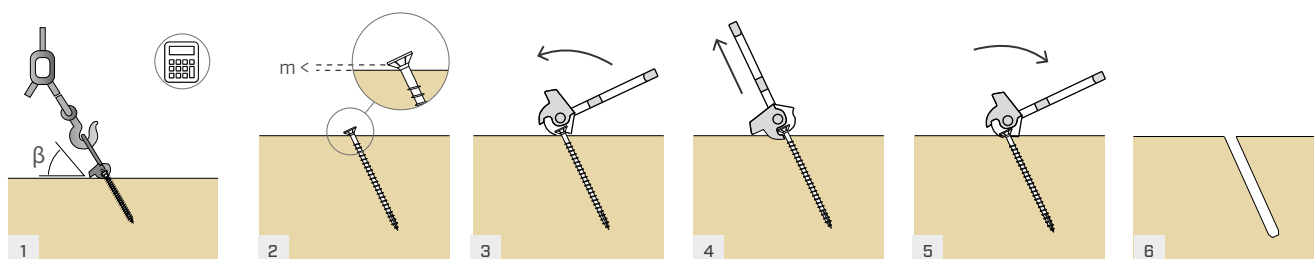
1. Milling for the WASP slot
2. Insertion of the screw into the timber element to be lifted
3. WASP positioning
4. Lifting of the structure (perpendicular or inclined force)
5. WASP removal (unhooking)
6. Removing the screw (optional)

PERPENDICULAR INSTALLATION



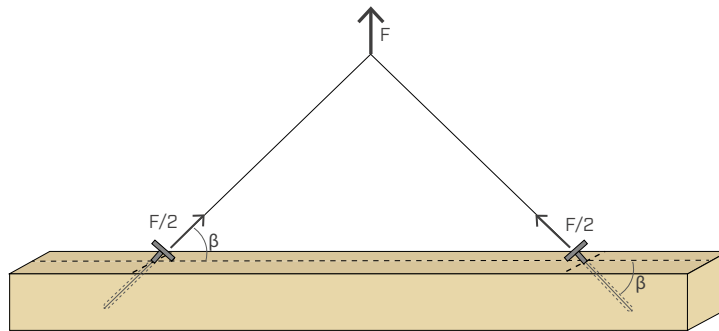
1. Insertion of the screw into the timber element to be lifted
2. WASP positioning
3. Lifting of the structure (perpendicular or inclined force)
4. WASP removal (unhooking)
5. Removing the screw (optional)

INCLINED INSTALLATION



1. Calculation of the lifting angle β
2. Insertion of the screw into the timber element to be lifted to the same angle β
3. WASP positioning
4. Timber components lifting (screw in line with the lifting hook)
5. WASP removal (unhooking)
6. Removing the screw (optional)

■ WASP ANCHOR WITH VGS Ø11 AND Ø13 - HORIZONTAL PANEL - STATICALLY DETERMINATE



VGS [pcs - Ø x L]	β [°]	perpendicular	perpendicular with milling	inclined
		R _d [kg]	R _d [kg]	R _d [kg]
2 Ø11 x 100	30	250	676	401(*)
	45	414	1122	793(*)
	60	635	1122	971(*)
	75	926	1122	1083(*)
	90	1122	1122	1122
2 Ø11 x 150	30	385	676	688(*)
	45	638	1171	1322(*)
	60	996	1869	1619(*)
	75	1506	1869	1806
	90	1869	1869	1869
2 Ø11 x 200	30	463	676	975(*)
	45	777	1171	1851
	60	1238	2029	2267
	75	1981	2561	2528
	90	2617	2617	2617
2 Ø11 x 250	30	465	676	1261(*)
	45	790	1171	1875
	60	1300	2029	2296
	75	2256	2561	2561
	90	2651	2651	2651
2 Ø11 x 300	30	468	676	1326
	45	797	1171	1875
	60	1333	2029	2296
	75	2441	2561	2561
	90	2651	2651	2651

VGS [pcs - Ø x L]	β [°]	perpendicular	perpendicular with milling	inclined
		R _d [kg]	R _d [kg]	R _d [kg]
2 Ø13 x 100	30	289	845	474(*)
	45	478	1326	937(*)
	60	737	1326	1148(*)
	75	1089	1326	1280(*)
	90	1326	1326	1326
2 Ø13 x 150	30	444	845	813(*)
	45	740	1464	1562(*)
	60	1157	2209	1913(*)
	75	1763	2209	2134
	90	2209	2209	2209
2 Ø13 x 200	30	597	845	1152(*)
	45	1001	1464	2187
	60	1572	2536	2679
	75	2428	3093	2988
	90	3093	3093	3093
2 Ø13 x 300	30	613	845	1829(*)
	45	1052	1464	3437
	60	1753	2536	4209
	75	3117	4861	4695
	90	4861	4861	4861
2 Ø13 x 400	30	613	845	2507(*)
	45	1052	1464	4108
	60	1761	2536	5032
	75	3289	5464	5612
	90	5810	5810	5810

(*) The application does not respect the minimum distances according to ETA-11/0030.

CONNECTORS:

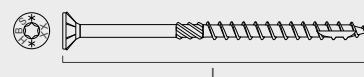
- VGS SCREW Ø11 AND Ø13 - full thread screw with countersunk head⁽¹⁾
- HBS SCREW Ø10 - Partially thread countersunk head screw⁽¹⁾
- A pulse screw gun may be used to install the screws⁽¹⁾

⁽¹⁾The choice of fastener length is to be based each time on the dimensions of the wooden element, on the fastener's positioning, on the lift angle, on the weight of the load to be lifted and on the arrangement of the hooks.

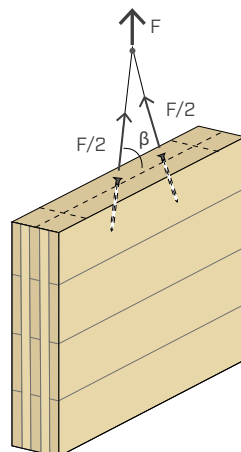
VGS



HBS



WASP HANCOR WITH VGS Ø11 AND Ø13 - VERTICAL PANEL

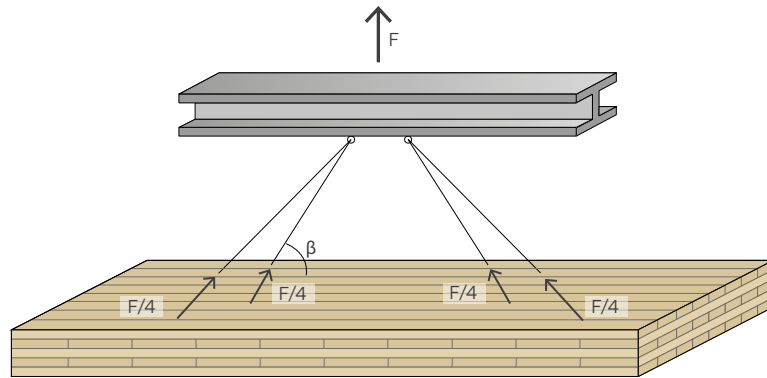


VGS [pcs - Ø x L]	perpendicular		perpendicular with milling	inclined
	β [°]	R_d [kg]	R_d [kg]	R_d [kg]
2 Ø11 x 100	30	110	676	362(*)
	45	188	770	545(*)
	60	305	771	668(*)
	75	524	771	745(*)
	90	767	771	771
2 Ø11 x 150	30	168	676	588(*)
	45	288	1171	863(*)
	60	470	1221	1057(*)
	75	815	1221	1179(*)
	90	1219	1221	1221
2 Ø11 x 200	30	226	676	805(*)
	45	389	1171	1168(*)
	60	633	1652	1431
	75	1101	1652	1596
	90	1650	1652	1652
2 Ø11 x 250	30	284	676	1015(*)
	45	488	1171	1465
	60	795	2029	1794
	75	1382	2072	2001
	90	2068	2072	2072
2 Ø11 x 300	30	307	676	1221(*)
	45	528	1171	1755
	60	868	2029	2149
	75	1557	2482	2397
	90	2481	2482	2482

VGS [pcs - Ø x L]	perpendicular		perpendicular with milling	inclined
	β [°]	R_d [kg]	R_d [kg]	R_d [kg]
2 Ø13 x 100	30	122	828	414(*)
	45	210	881	623(*)
	60	342	881	763(*)
	75	592	881	851(*)
	90	881	881	881
2 Ø13 x 150	30	187	845	672(*)
	45	321	1395	987(*)
	60	524	1395	1208(*)
	75	918	1395	1348(*)
	90	1395	1395	1395
2 Ø13 x 200	30	252	845	920(*)
	45	432	1464	1335(*)
	60	705	1889	1636(*)
	75	1240	1889	1824
	90	1889	1889	1889
2 Ø13 x 300	30	381	845	1395(*)
	45	655	1464	2006
	60	1069	2536	2457
	75	1864	2837	2740
	90	2837	2837	2837
2 Ø13 x 400	30	401	845	1853
	45	690	1464	2652
	60	1155	2536	3248
	75	2144	3750	3622
	90	3750	3750	3750

(*) The application does not respect the minimum distances according to ETA-11/0030.

■ WASP ANCHOR WITH VGS Ø11 AND Ø13 - HORIZONTAL PANEL - STATICALLY DETERMINATE



VGS [pcs - Ø x L]	β [°]	perpendicular	perpendicular with milling	inclined
		R _d [kg]	R _d [kg]	R _d [kg]
4 Ø11 x 100	30	501	1353	803(*)
	45	828	2243	1586(*)
	60	1270	2243	1943(*)
	75	1852	2243	2167(*)
	90	2243	2243	2243
4 Ø11 x 150	30	769	1353	1376(*)
	45	1275	2343	2644(*)
	60	1993	3739	3238(*)
	75	3013	3739	3612
	90	3739	3739	3739
4 Ø11 x 200	30	926	1353	1949(*)
	45	1553	2343	3701
	60	2476	4058	4533
	75	3962	5122	5056
	90	5234	5234	5234
4 Ø11 x 250	30	931	1353	2523(*)
	45	1581	2343	3749
	60	2600	4058	4592
	75	4512	5122	5122
	90	5302	5302	5302

VGS [pcs - Ø x L]	β [°]	perpendicular	perpendicular with milling	inclined
		R _d [kg]	R _d [kg]	R _d [kg]
4 Ø13 x 100	30	579	1691	949(*)
	45	956	2651	1875(*)
	60	1473	2651	2296(*)
	75	2178	2651	2561(*)
	90	2651	2651	2651
4 Ø13 x 150	30	888	1691	1626(*)
	45	1481	2928	3124(*)
	60	2315	4419	3827(*)
	75	3527	4419	4268
	90	4419	4419	4419
4 Ø13 x 200	30	1195	1691	2304(*)
	45	2002	2928	4374
	60	3144	5072	5357
	75	4856	6186	5975
	90	6186	6186	6186
4 Ø13 x 300	30	1226	1691	3659(*)
	45	2104	2928	6874
	60	3506	5072	8419
	75	6234	9721	9390
	90	9721	9721	9721

(*) The application does not respect the minimum distances according to ETA-11/0030.

GENERAL PRINCIPLES

The design values are obtained from the characteristic values as follows:

"The characteristic load bearing capacity values have been calculated according to ETA-11/0030, according with EN 1995:2014 standard. To move from the characteristic values to the project values the coefficients were applied: $k_{mod}=1$; $\gamma_M=1,3$; $\gamma_G=1,35$ and $\phi_2=1$ ".

The coefficients γ_M , γ_G , k_{mod} and ϕ_2 should be taken according to the current regulations used for the calculation: EN 1995:2014 and EN 1991-3:2006.

For the calculation process a timber density $\rho_k = 350 \text{ kg/m}^3$ has been considered.

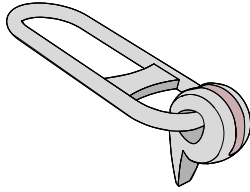
For more information on calculation principles, provisions of use, installation instructions, minimum distances and maintenance guidelines, refer to the WASP product brochure available at www.rothoblaas.com or contact our Technical department.

MAINTENANCE

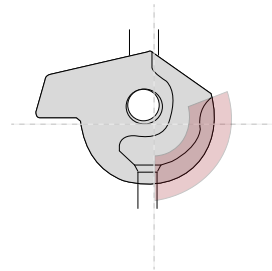
Prior to the inspection, the anchor's round head should be cleaned. Even if, under normal conditions, the lifting anchor does not show signs of wear, it should still be checked annually by a skilled operator. Damage due to wear must be verified. Plastic deformations (e.g. irreversible bending or punching) and cracks lead to the replacement of the hook; repairs and, in particular, welding on the hook are inadmissible.

For safety reasons, the screws may only be used once.

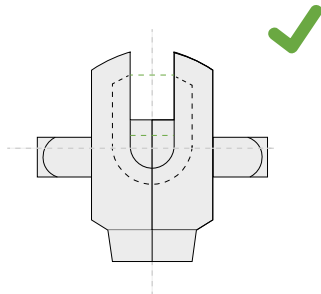
REPLACEMENT CRITERIA



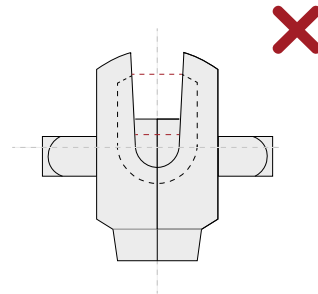
Isometric view of the WASP anchor.
The part of the anchor that must be checked is highlighted in red.



Section view of the WASP anchor round head.
The part of the eyelet subject to checking is highlighted in red.



Bottom view of the WASP anchor round head. The distance between the flanges corresponding to the closure of the eyelet is equal to that of the opening of the eyelet.
Check passed.

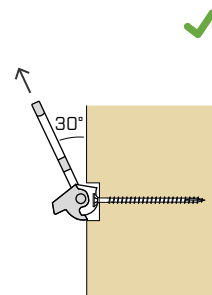
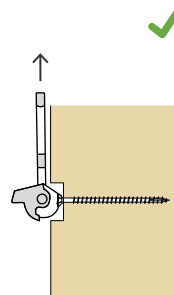
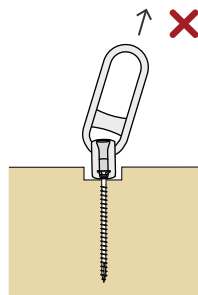
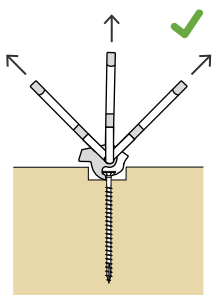


Bottom view of the anchor round head. The distance between the flanges corresponding to the closure of the eyelet is equal to that of the opening of the eyelet.
Check NOT passed.

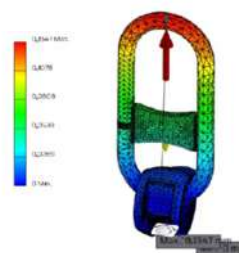
WANT TO KNOW MORE?

For further technical information on the WASP product, see the technical data sheet at www.rothoblaas.com.

DIRECTIONS OF APPLICATION ALLOWED



ELEVATION OF BSH ELEMENTS



Test reports and capacities for elevation of BSH elements are available at www.rothoblaas.com.



ANCHOR DEVICES



MANTIS

LIFTING BELT FOR TRANSPORT WALLS AND PRECAST ELEMENTS

- Polyester belt, available in two lengths
- Safety factor 7:1, capacity up to 800 kg
- It can be used for one lifting cycle only^(*)



CODES AND DIMENSIONS

CODE	L [cm]	width [mm]	capacity [kg]	pcs
MNT0535	50	3,5	800	250
MNT1035	100	3,5	800	150
MNT05	50	3,5	800	50
MNT10	100	3,5	800	50

^(*) Definition of "a lifting cycle": see the introductory part on page 148.



MATERIAL

100% polyester eyebolts according to EN 1492-1.

FIELDS OF USE

Suitable for lifting and positioning wall, floor and beam elements.

DRAGON

LIFTING BELT

- 3:1 safety factor
- Hole diameter in the element: 35 mm



CODES AND DIMENSIONS

CODE	size [mm]	capacity [kg]	pcs
DRAGON500	35 x 500	500	1



OCTOPUS

LIFTING EYEBOLT AND PERCUSSION NUT

- Eyebolts can be used again
- Limited wear



LIFTING EYEBOLTS

CODE	thread	rope diameter [mm]	L [mm]	capacity [kg]	colour mark	pcs
OCT45512	M12	6,0	455	500	orange	1
OCT45516	M16	8,0	455	1200	red	1
OCT45520	M20	10,0	455	2000	green	1

PERCUSSION NUT

CODE	thread	Ø hole [mm]	H [mm]	Ø flange	colour mark	pcs
OCTM12	M12	18	14	60	orange	50
OCTM16	M16	22	16	60	red	50
OCTM20	M20	24	16	60	green	50

Percussion nut that can be used once in a single lifting cycle.



ANCHOR DEVICES

VIPER

POLYESTER BELT WITH EYEBOLTS

- 7:1 safety factor
- Four different sizes in three different lengths each, colour-marked



	CODE	L [m]	B [mm]	capacity			pcs
				I	U	⊗	
1	VPR3100	3	50	1000	2000	800	1
	VPR4100	4	50	1000	2000	800	1
	VPR5100	5	50	1000	2000	800	1
2	VPR3200	3	60	2000	4000	1600	1
	VPR4200	4	60	2000	4000	1600	1
	VPR5200	5	60	2000	4000	1600	1
3	VPR4300	4	90	3000	6000	2400	1
	VPR5300	5	90	3000	6000	2400	1
	VPR6300	6	90	3000	6000	2400	1
4	VPR4400	4	120	4000	8000	3200	1
	VPR5400	5	120	4000	8000	3200	1
	VPR6400	6	120	4000	8000	3200	1



1



2



3



4



DESCRIPTION

Four different sizes in three different lengths each, colour-marked.

FIELDS OF USE

Countless possibilities of use in lifting and transporting elements of any material, size and weight.

FASTENING STRAPS

RATTLE

FASTENING STRAP WITH TENSIONER

- Corrosion-resistant zinc plated steel tensioner with safety lock and lever latch
- Tensioning belt according to European standard EN 12195-2



CODE	size [mm]	capacity [kg]	pcs
RTT85500	50 x 8500	5000	1

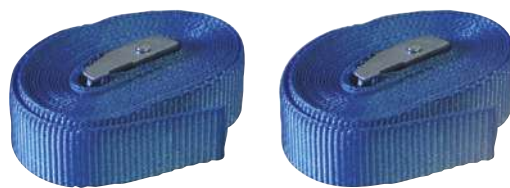


PHYTHON 3

RING-SHAPED ANCHOR BELT

- Safety factor 2:1, capacity up to 250 kg

CODE	B [mm]	L [m]	capacity [kg]	pcs
PYT2503	25	3	250	2



PHYTHON 6

RING-SHAPED ANCHOR BELT

- Safety factor 2:1, capacity up to 500 kg

CODE	B [mm]	L [m]	capacity [kg]	pcs
PYT3506	35	6	500	1



MULE

TEMPORARY MATERIALS CANOPY, CAN BE USED AS BEARING OR WORKING SURFACE

INDISPENSABLE

Used in pairs, it works as a support for battens, roof tiles, tools, machines and more.

UNIVERSAL

Thanks to the 8 possible adjustments, it adapts to roofs with an inclination from 15° to 60°.



CODES AND DIMENSIONS

CODE	weight [kg]	capacity every 2 pcs. [kg]	pcs
MULE	5,8	780	1

OPTIONAL ITEMS

CODE	description	pcs
MULEP	spare dowel	1
MULELAT	side column	1
MULEANG	corner column	1



MATERIAL

Aluminium profile that guarantees maximum stability at a reduced weight.

FIELDS OF USE

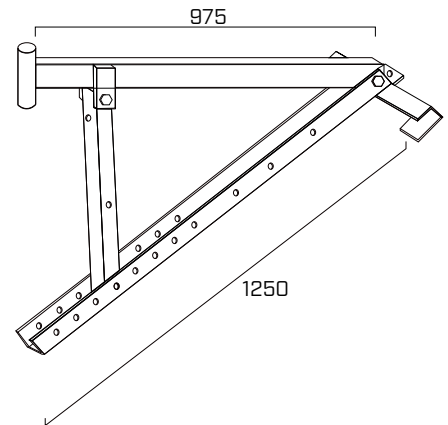
It is easily attached to common pitched roofs by fastening to the beams.

GENERAL INFO

MULE must be installed on the bearing structure, namely on timber joists that are continuous and intact. The load-bearing capacity of the joist in the presence of MULE is to be verified separately.

Damaged MULE elements must not be used.

The assembly and disassembly operations of MULE must be carried out by staff that is trained in safety matters and suitably protected against the risk of falling from a height.



ASSEMBLY

The beams must have a minimum width of 60 mm.

Basically, the MULE must be hooked onto the battens (max. thickness = 43 mm), above the beams. This hooking will facilitate assembly.

Each MULE must be anchored to the beams with:

A. 1 HBS timber screw Ø10 mm (minimum screwing depth in the beams = 60 mm)

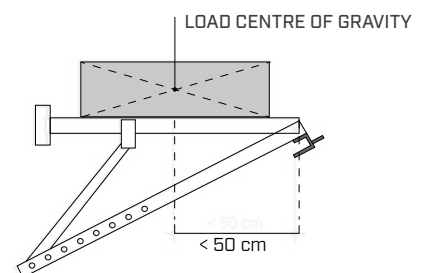
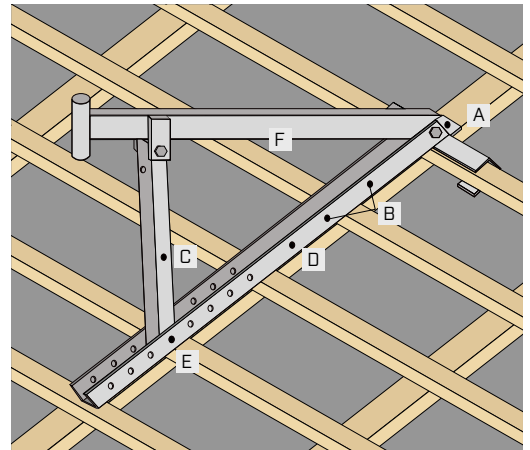
B. 2 HBS timber screws Ø10 mm (minimum screwing depth in the beams = 96 mm)

It is recommended to interpose the distance between the MULE and the structure (B). If appropriate, pre-drill with holes $d = 6$ mm.

Lock the support **C** in the support U **D** with the coupling **E** so that the support surface **F** is as horizontal as possible.

With coupling **E** it is possible to guarantee a maximum load per pair of MULE = 7,8 kN.

If the MULEs are used as support for a total load of more than 10 kN/pair, it is necessary to replace the coupling **E** with one screw M12 x 70 (steel class 8.8) not included in the supply.



In case of fastening with a minimum inclination, make sure that the centre of gravity of the load is in the position shown in the figure.



INDISPENSABLE

Thanks to its versatility, it is an indispensable tool for any work on roofs.

LOAD CAPACITY

Each pair of MULE is capable of carrying a load of 780 kg.

GRIZZLY

UNIVERSAL PANEL HOLDER

ERGONOMIC

Suitable for the easy transportation of panels made of timber, OSB, MDF, non-lubricated metal, plastic, plasterboard and other materials.

MIGHTY

Capacity up to 70 kg each handle.



CODES AND DIMENSIONS

CODE	opening [mm]	pcs
GRIZZLY	0 - 40	2



GORILLA

ONE-HAND PANEL HOLDER

ESSENTIAL

The softly padded rubber grip makes it easy to lift any type of panel.

MIGHTY

Capacity up to 90 kg each handle.



CODES AND DIMENSIONS

CODE	opening [mm]	pcs
GORILLA	10 - 28	1



WOOD REPAIR

WOOD REPAIR

WOOD REPAIR

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WOOD REPAIR

WOOD REPAIR

INJECTION SYSTEM FOR WOOD REPAIRS

QUALITY

Ideal for knot cavities, long cracks and difficult repairs.

FAST

Thanks to the cooling block, the filling material hardens within seconds and can be sanded immediately.



1

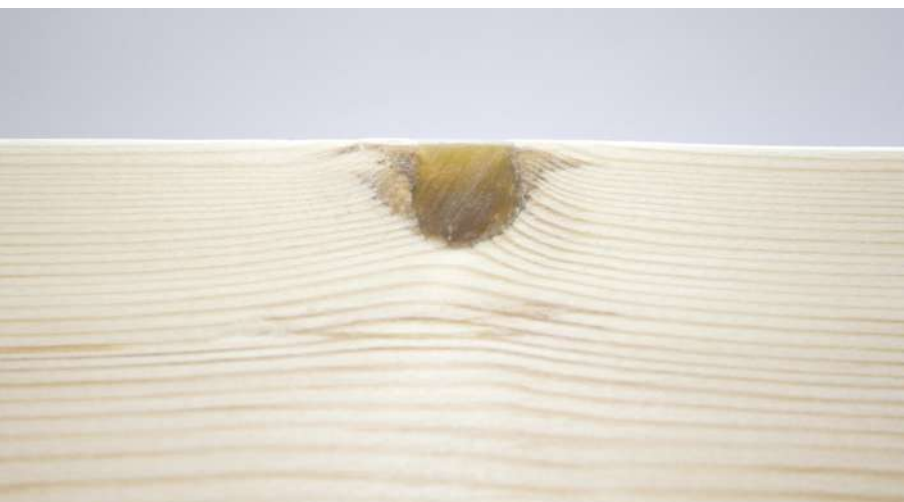


2



VIDEO

Scan the QR Code and watch the video on our YouTube channel



MATERIAL

Ecological and non-toxic sticks in different colours. UV-resistant.

FIELDS OF USE

Professional timber repair, compatible with oil, normal and clear varnish, mordant. Suitable for indoor and outdoor environments.

CODES AND DIMENSIONS

	CODE	description	operating voltage	temperature	adhesive glue	adhesive capacity	pcs
1	WOODREPAIR01	basic set	220-240 V, 50 Hz	170°C	Ø12 mm stick	0,3-0,6 kg/hour	1
2	WR06	professional gun	220-240 V, 50 Hz	120 - 230°C	Ø12 mm stick	1-1,5 kg/hour	1

STICKS

CODE	colour	pcs
WRC10	○ white	8
WRC11	● ash	8
WRC12	● pine	8
WRC13	● light pine	8
WRC14	● oak	8
WRC15	● mahogany	8
WRC16	● walnut	8
WRC17	● beech	8
WRC18	● cherry	8
WRC19	● fir	8
WRC20	● black	8
WRC21	cleaning stick	8
WRC22	● grey	8
WRC23	● yellow	8
WRCMIX1	fir - pine - oak - mahogany	8
WRCMIX2	ash - beech - walnut - black	8



1



2



3



4

ADDITIONAL PRODUCTS - ACCESSORIES

	CODE	description	pcs
1	WR01	aluminium lock with handle	1
2	WR02	aluminium lock	1
3	WR03	hand-held spokeshave	1
4	WR04	colour change	1

WOOD REPAIR

RESTO KITT

INDOOR REPAIR PUTTY (TO BE PAINTED OVER IF USED OUTDOORS)

- Quick-drying putties that can be mixed together and are easy to sand in order to repair damaged timber surfaces of furniture, stairs, windows, doors, etc.
- Environment-friendly and solvent-free. Soluble in water and alcohol



CODES AND DIMENSIONS

CODE	colour	net weight [g]	pcs
RESTOK15	○ white	200	1
RESTOK13	● fir	200	1
RESTOK11	● pine	200	1
RESTOK23	● light beech	200	1
RESTOK08	● american cherry	200	1
RESTOK09	● antique light ash	200	1
RESTOK12	● light oak	200	1
RESTOK05	● light walnut	200	1
RESTOK22	● medium oak	200	1
RESTOK24	● medium beech	200	1
RESTOK03	● steam treated beech	200	1
RESTOK07	● cherry	200	1
RESTOK04	● walnut	200	1
RESTOK02	● light mahogany	200	1
RESTOK01	● mahogany	200	1
RESTOK13L	● fir	450	1



INDICATIONS FOR USE

The surface to be treated must be dry and free of dust and lubricants. If the groove is too deep, a second layer may have to be applied after the sanding process. After final sanding, the surface can be etched, oiled, waxed or painted.




PLASTUK

BICOMPONENT PUTTY FOR INDOOR AND OUTDOOR REPAIRS

- Putty for wood, plastic, metal and stone. Applicable in large quantities, good adhesion and excellent repair capacity
- Available in different colours for the various types of timber. By adding up to 10% RESTO KITT it is possible to create custom hues



CODES AND DIMENSIONS

CODE	colour	net weight		pcs
		putty [g]	hardness [g]	
PLASTUK02	 fir	1000	200	1
PLASTUK13	 oak	1000	200	1
PLASTUK06	 walnut	1000	200	1

Other hues available on request.



INDICATIONS FOR USE

Remove grease and dust from the surface to be treated. Take the necessary amount of putty from the can, add about 2% of hardener, mix well, press firmly into the groove and shape. Treatment time: from 8 to 10 minutes depending on room temperature. After 20 - 30 minutes the treated surface can be smoothed, painted or varnished.

VERSATILE

In cartridges for quick and practical use, also available in 3 and 5 litre buckets for larger volumes.



CODES AND DIMENSIONS

CARTRIDGES

CODE	description	content [ml]	pcs
XEPOXF400	F - fluid	400	12
XEPOXD400	D - dense	400	12

VIDEO

Scan the QR Code and watch the video on our YouTube channel



MATERIAL

Two components epoxy adhesive.

FIELDS OF USE

Thanks to the cartridge format, XEPOX glue can be applied in a controlled way in notches and thin cracks. The product is also suitable for repairing timber and for structural bonding in carpentry.



TIMBER CAPS

TAP1

CAPS MADE OF RED SPRUCE, ALONG GRAIN

CODE	Ø [mm]	H [mm]	pcs
TAP11010	10	10	2000
TAP11210	12	10	1000
TAP11510	15	10	1000
TAP11610	16	10	1000
TAP12010	20	10	560
TAP12510	25	10	345
TAP13010	30	10	260
TAP13510	35	10	180
TAP14010	40	10	140
TAP14510	45	10	105
TAP15010	50	10	75
TAP12010L	20	10	6500
TAP12510L	25	10	4000
TAP13010L	30	10	3000
TAP13510L	35	10	2100
TAP14010L	40	10	1600



TAP2

CAPS MADE OF LARCH, ALONG GRAIN

CODE	Ø [mm]	H [mm]	pcs
TAP21010	10	10	1890
TAP21510	15	10	745
TAP22010	20	10	405
TAP22510	25	10	275
TAP23010	30	10	180
TAP23510	35	10	140
TAP24010	40	10	100
TAP24510	45	10	88
TAP25010	50	10	73



TAP3

CAPS MADE OF RED SPRUCE, KNOTTED

CODE	Ø [mm]	H [mm]	pcs
TAP3109	10	9	250
TAP3159	15	9	250
TAP3209	20	9	250
TAP3259	25	9	250
TAP3309	30	9	250
TAP3359	35	9	250
TAP3409	40	9	100
TAP3509	50	9	100



TAP4

CAPS MADE OF RED SPRUCE TIMBER,
FIRE RESISTANCE CLASS R-30, ACCORDING TO DIN 4102

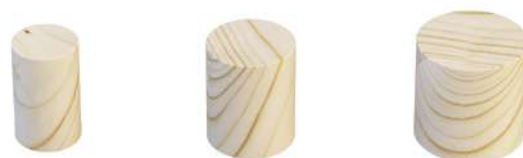
CODE	Ø	H	pcs
	[mm]	[mm]	
TAP42020	20	20	100
TAP42520	25	20	100
TAP43020	30	20	100
TAP44020	40	20	100
TAP45020	50	20	50
TAP46020	60	20	40
TAP47020	70	20	25
TAP48020	80	20	25
TAP49020	90	20	15
TAP410020	100	20	10
TAP41240	12	40	450
TAP41640	16	40	250
TAP42040	20	40	160
TAP45040	50	40	26



TAP5

CAPS MADE OF RED SPRUCE TIMBER, TIMBER HEAD

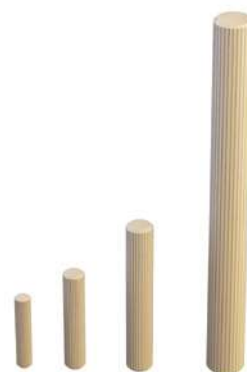
CODE	Ø	H	pcs
	[mm]	[mm]	
TAP51020	10	20	500
TAP51220	12	20	500
TAP51420	14	20	500
TAP51520	15	20	500
TAP51620	16	20	500
TAP51820	18	20	250
TAP52020	20	20	250
TAP52220	22	20	250
TAP52420	24	20	250



RIF

TIMBER PINS - BEECH

CODE	Ø	L	pcs
	[mm]	[mm]	
RIF640	6	40	1400
RIF830	8	30	1000
RIF840	8	40	750
RIF1040	10	40	500
RIF1060	10	60	320
RIF1260	12	60	230
RIF14140	14	140	70
RIF1660	16	60	105



TIMBER CAPS

RIF1000

TIMBER PINS - 1 m, BEECH

CODE	Ø [mm]	H [mm]	pcs
RIF61000	6	1000	100
RIF81000	8	1000	100
RIF101000	10	1000	100
RIF121000	12	1000	100
RIF141000	14	1000	50
RIF151000	15	1000	50
RIF161000	16	1000	50
RIF181000	18	1000	50
RIF201000	20	1000	50



FLI

TIMBER PATCHES FOR REPAIRS OF GLULAM,
FIR TIMBER

CODE	type / width [mm]	L [mm]	pcs
FLI2070	F20	70	10
FLI20150	F20	150	10
FLI20300	F20	300	10
FLI20500	F20	500	10
FLI2470	F24	70	10
FLI24150	F24	150	10
FLI24300	F24	300	10
FLI24500	F24	500	10
FLI3570	F35	70	10
FLI35150	F35	150	10
FLI35300	F35	300	10
FLI35500	F35	500	10
FLI4270	F42	70	10
FLI42150	F42	150	10
FLI42300	F42	300	10
FLI42500	F42	500	10



ANGULAR PATCH

CODE	type / width [mm]	L [mm]	pcs
FLI3595	35	95	100



COMPLEMENTARY PRODUCTS

CODE	description	page
ATEU0500	milling machine	224



NAILS AND PLUGS

WNAILC

OAK TIMBER NAIL, CYLINDRICAL

CODE	Ø [mm]	L [mm]	pcs
WNAILC20200	20	200	25



WNAILO

OAK TIMBER NAIL, OCTAGONAL

CODE	Ø [mm]	L [mm]	pcs
WNAILO16150	16	150	50
WNAILO20200	20	200	25



LAMELLO

TIMBER PLUGS

CODE	type	size [mm]	pcs
LAM0	0	47 x 15 x 4	1000
LAM10	10	53 x 19 x 4	1000
LAM20	20	56 x 23 x 4	1000



DRILL BITS AND CUTTERS

DRILL BITS AND CUTTERS

DRILL BITS AND CUTTERS

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ABOUT DRILL BITS

CHOOSE THE RIGHT DRILL BIT

WS DRILL BIT

Suitable for soft timbers (red spruce, pine, poplar, etc.). WS-BOHRMAX® is also effective on European hard timbers and boards of various materials (chipboard, MDF, OSB, etc.). Good results also in soft to medium hard plastics.

HSS DRILL BITS

Ideal for all soft timbers and numerous hard timbers, as well as MDF plates.

HM DRILL BITS

Excellent performance on all hard materials, such as European and exotic hard timbers, coated boards and hard plastics. Not suitable for soft timbers, except BOHRMAX 3.0-HM drill bit.

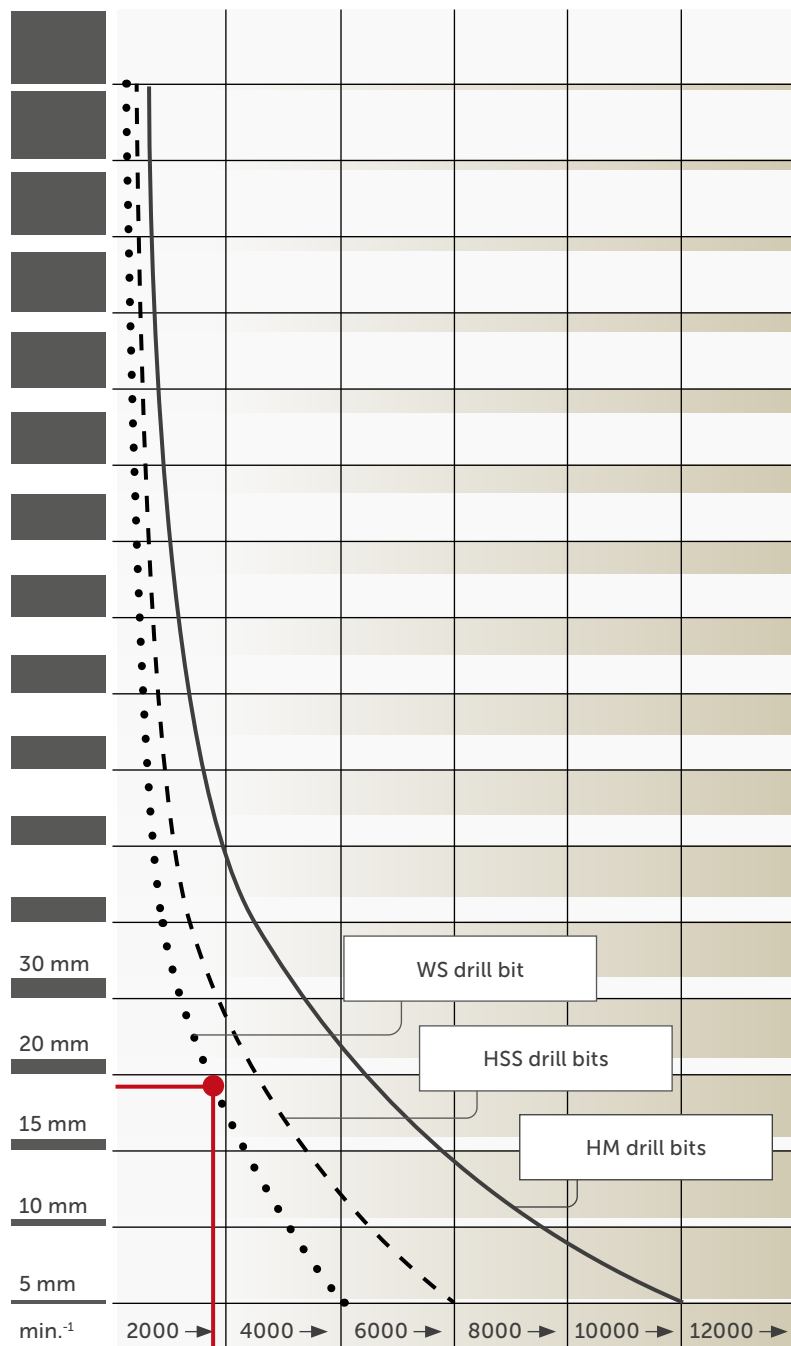
RECOMMENDED RPM:

Depending on the material of the tool and the diameter of the drill bit, it is necessary to adjust the drilling rpm using the adjacent table.

Example:

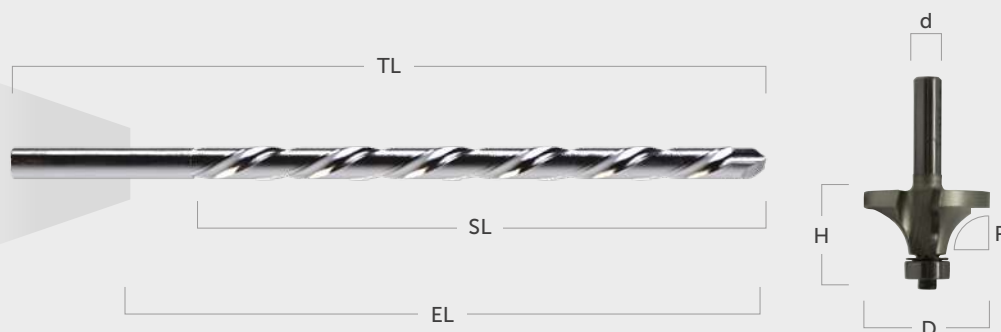
A LEWIS (WS) helical drill bit with a diameter of Ø18 mm must be used at a maximum of 1900 rpm. Exceeding the recommended rpm has a negative effect on the drilling quality and durability of the drill bit.

Recommendations for vertical milling machines are indicated separately.



LEGEND

- TL total length
- EL effective length
- SL spiral length
- H cutter height
- D cutter diameter
- d shank diameter
- R cutter radius





LEWIS

TWIST DRILL BITS FOR DEEP DRILLING IN SOFT AND EUROPEAN HARDWOODS

SHARP CUTTING EDGES

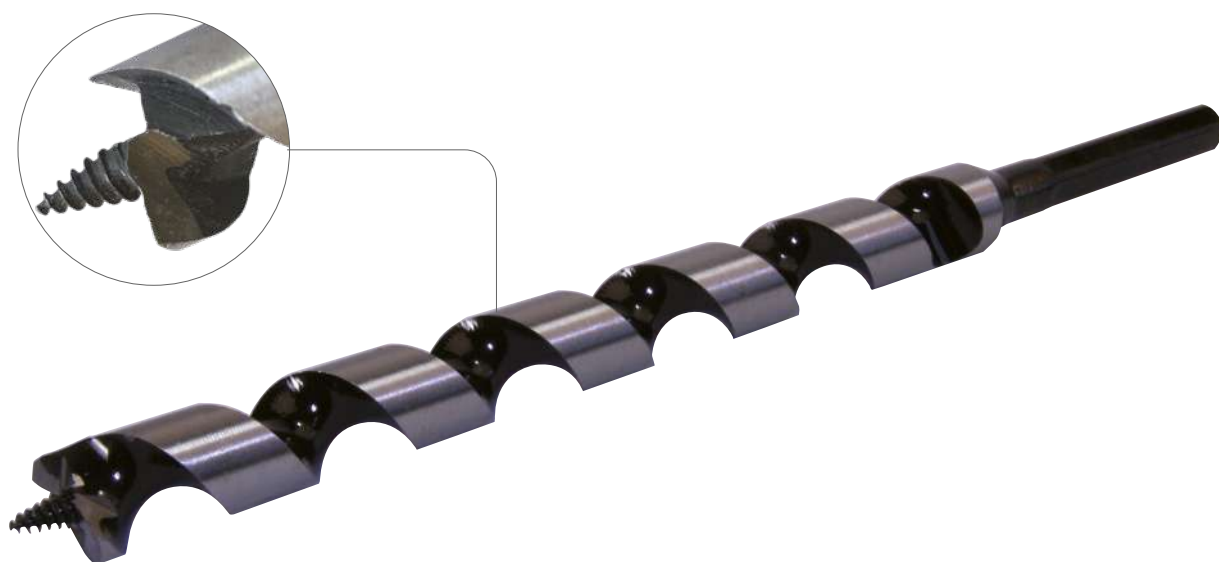
With round-section twist flute, threaded tip, very high quality main cutting edge and roughing tooth.

SHANK CONNECTION

Version with independent head and hex shank (starting from Ø8 mm).

QUALITY MATERIAL

Made of specific alloy steel for tools (WS).



CODES AND DIMENSIONS

CODE	Ø drill bit [mm]	Ø shank [mm]	TL [mm]	SL [mm]	pcs
F1410205	5	4,5	235	160	1
F1410206	6	5,5	235	160	1
F1410207	7	6,5	235	160	1
F1410208	8	7,8	235	160	1
F1410210	10	9,8	235	160	1
F1410212	12	11,8	235	160	1
F1410214	14	13	235	160	1
F1410216	16	13	235	160	1
F1410218	18	13	235	160	1
F1410220	20	13	235	160	1
F1410222	22	13	235	160	1
F1410224	24	13	235	160	1
F1410228	28	13	235	160	1

CODE	Ø drill bit [mm]	Ø shank [mm]	TL [mm]	SL [mm]	pcs
F1410230	30	13	235	160	1
F1410232	32	13	235	160	1
F1410242	42	13	235	160	1
F1410305	5	4,5	320	255	1
F1410306	6	5,5	320	255	1
F1410307	7	6,5	320	255	1
F1410308	8	7,8	320	255	1
F1410309	9	8	320	255	1
F1410310	10	9,8	320	255	1
F1410312	12	11,8	320	255	1
F1410314	14	13	320	255	1
F1410316	16	13	320	255	1
F1410318	18	13	320	255	1

CODE	Ø drill bit [mm]	Ø shank [mm]	TL [mm]	SL [mm]	pcs
F1410320	20	13	320	255	1
F1410322	22	13	320	255	1
F1410324	24	13	320	255	1
F1410326	26	13	320	255	1
F1410328	28	13	320	255	1
F1410330	30	13	320	255	1
F1410332	32	13	320	255	1
F1410407	7	6,5	460	380	1
F1410408	8	7,8	460	380	1
F1410410	10	9,8	460	380	1
F1410412	12	11,8	460	380	1
F1410414	14	13	460	380	1
F1410416	16	13	460	380	1
F1410418	18	13	460	380	1
F1410420	20	13	460	380	1
F1410422	22	13	460	380	1
F1410424	24	13	460	380	1
F1410426	26	13	460	380	1
F1410428	28	13	460	380	1
F1410430	30	13	460	380	1
F1410432	32	13	460	380	1
F1410440	40	13	450	380	1
F1410450	50	13	450	380	1
F1410612	12	11,8	650	535	1
F1410614	14	13	650	535	1
F1410616	16	13	650	535	1
F1410618	18	13	650	535	1
F1410620	20	13	650	535	1
F1410622	22	13	650	535	1
F1410624	24	13	650	535	1
F1410626	26	13	650	535	1
F1410628	28	13	650	535	1
F1410630	30	13	650	535	1
F1410632	32	13	650	535	1

CODE	Ø drill bit [mm]	Ø shank [mm]	TL [mm]	SL [mm]	pcs
F1410014	14	13	1080	1010	1
F1410016	16	13	1080	1010	1
F1410018	18	13	1080	1010	1
F1410020	20	13	1080	1010	1
F1410022	22	13	1080	1010	1
F1410024	24	13	1080	1010	1
F1410026	26	13	1080	1010	1
F1410028	28	13	1080	1010	1
F1410030	30	13	1080	1010	1
F1410032	32	13	1080	1010	1
F1410134	34	13	1000	535	1
F1410136	36	13	1000	535	1
F1410138	38	13	1000	535	1
F1410140	40	13	1000	535	1
F1410145	45	13	1000	535	1
F1410150	50	13	1000	535	1

LEWIS - SET

CODES AND DIMENSIONS

CODE	Ø set [mm]	TL [mm]	SL [mm]	pcs
F1410200	6, 8, 10, 12, 14, 16, 18, 20	235	160	1
F1410303	10, 12, 14, 16, 18, 20, 22, 24	320	255	1
F1410403	10, 12, 14, 16, 18, 20, 22, 24	460	380	1



LEWIS STECK

CUTTER FOR TWIST DRILL BITS WITH SHANK Ø13 mm

DOUBLE MAIN CUTTING EDGES

The two main grooved cutting edges and the toothed preliminary cutting edge minimize friction and consequently the necessary feed forces.

SINGLE PROCESSING

For drilling and milling in one single move.



CODES AND DIMENSIONS

CODE	Ø external [mm]	Ø internal [mm]	TL [mm]	SL [mm]	pcs
F1411040	40	13	30	30	1
F1411050	50	13	30	30	1
F1411060	60	13	30	30	1
F1411070	70	13	30	30	1

LEWIS STECK - SET

CODES AND DIMENSIONS

CODE	Ø counterbore cutter [mm]	Ø drill bit [mm]	TL drill bit [mm]	pcs
F1411200	40 - 50 - 60	14 - 16 - 18	235	1
F1411300	40 - 50 - 60	14 - 16 - 18	320	1
F1411400	40 - 50 - 60	14 - 16 - 18	460	1



SNAIL HSS

TWIST DRILL BITS FOR HARDWOOD, MELAMINE-FACED BOARDS AND OTHER MATERIALS

INDUSTRIAL CNC GRINDING

Very high quality polished drill bits, with 2 main cutting edges and 2 roughing teeth. Special twist with smoothed flute for more efficient chip evacuation.

CODES AND DIMENSIONS

CODE	Ø drill bit [mm]	Ø shank [mm]	TL [mm]	SL [mm]	pcs
F1594020	2	2	49	22	1
F1594030	3	3	60	33	1
F1594040	4	4	75	43	1
F1594050	5	5	85	52	1
F1594060	6	6	92	57	1
F1594080	8	8	115	75	1
F1594090	9	9	125	81	1
F1594100	10	10	130	87	1
F1594110	11	11	140	94	1
F1594120	12	12	150	114	1
F1599205	5	5	250	180	1
F1599206	6	6	250	180	1
F1599207	7	7	250	180	1
F1599208	8	8	250	180	1
F1599209	9	9	250	180	1
F1599210	10	10	250	180	1
F1599212	12	12	250	180	1
F1599214	14	13	250	180	1
F1599216	16	13	250	180	1
F1599405	5	5	400	300	1
F1599406	6	6	400	300	1
F1599407	7	7	400	300	1
F1599408	8	8	400	300	1
F1599409	9	9	400	300	1
F1599410	10	10	400	300	1
F1599412	12	12	400	300	1
F1599414	14	13	400	300	1
F1599416	16	13	400	300	1



SNAIL HSS - SET

CODES AND DIMENSIONS

CODE	Ø set [mm]	TL [mm]	SL [mm]	pcs
F1594835	3, 4, 5, 6, 8	see table above		1
F1594510	3, 4, 5, 6, 8, 10, 12, 13, 14, 16	see table above		1



BORMAX GUIDE

PRECISION CUTTER FOR TIMBER

CODES AND DIMENSIONS

CODE	Ø cutter [mm]	Ø inside hole for centring [mm]	Ø shank [mm]	TL [mm]	EL [mm]	pcs
F1614020	20	8	13	140	90	1
F1614025	25	8	13	140	90	1
F1614030	30	8	13	140	90	1
F1614035	35	8	13	145	95	1
F1614040	40	8	13	145	95	1
F1614045	45	10	13	150	100	1
F1614050	50	10	13	150	100	1
F1614055	55	10	13	150	100	1
F1614060	60	10	13	150	100	1
F1614065	65	10	13	155	105	1
F1614070	70	10	13	155	105	1
F1614075	75	10	13	155	105	1
F1614080	80	10	13	155	105	1
F1614100	100	10	16	160	110	1

CENTERING DRILL BI

CODE	Ø [mm]	for cutters with Ø [mm]	EL [mm]	pcs
F1614208	8	20 - 40	50	1
F1614210	10	44,45 - 120	50	1

TIP FOR PRE-DRILLING

CODE	Ø [mm]	for cutters with Ø [mm]	pcs
F1619208	8	20 - 40	1
F1619210	10	44,45 - 120	1

GUIDING PIN

CODE	Ø [mm]	for cutters with Ø [mm]	TL [mm]	EL [mm]	pcs
F1619110	10	20 - 40	75	50	1
F1619112	12	20 - 40	75	50	1
F1619116	16	20 - 40	75	50	1
F1619014	14	45 - 100	75	50	1
F1619016	16	45 - 100	75	50	1
F1619018	18	45 - 100	75	50	1

DEPTH STOP

CODE	for cutters with Ø [mm]	Ø internal [mm]	pcs
F1619100	40 - 90	95	1



SNAIL ALU-WOOD

DRILL BIT FOR PRECISE HOLES IN TIMBER-TO-METAL CONNECTIONS

SINGLE PROCESSING

Special step drill with special geometry that perforates timber and steel in a single operation.



CODES AND DIMENSIONS

CODE	Ø drill bit [mm]	TL [mm]	EL [mm]	pcs
AT4000	8	300	220	1
AT4005	10	300	220	1
AT4010	12	300	220	1
AT4015	16	340	270	1
AT4020	20	340	270	1

BORMAX 2.0 WS

FOR SOFT WOOD, EUROPEAN HARD WOOD, FIBRE
BOARDS AND MDF AND OTHER MATERIALS



CODES AND DIMENSIONS

CODE	Ø drill bit [mm]	Ø shank [mm]	TL [mm]	EL [mm]	pcs
F1622015	15	8	90	57	1
F1622020	20	8	90	57	1
F1622025	25	10	90	57	1
F1622030	30	10	90	57	1
F1622035	35	10	90	57	1
F1622040	40	10	90	57	1
F1622045	45	10	90	57	1
F1622050	50	10	90	57	1
F1622055	55	13	90	57	1
F1622060	60	13	90	57	1
F1623025	25	13	135	85	1
F1623030	30	13	140	90	1
F1623035	35	13	145	95	1
F1623040	40	13	145	95	1

BORMAX 2.0 WS - SET

CODES AND DIMENSIONS

CODE	Ø set [mm]	TL [mm]	EL [mm]	pcs
F1622505	15, 20, 25, 30, 35	90	57	1
F1622508	15, 20, 25, 30, 35, 40, 45, 50	90	57	1



BORMAX 3.0 HM

UNIVERSAL ALL-ROUNDER DRILL BIT, ALSO FOR EXOTIC HARD TIMBERS, MELAMINE-LINED PANELS, ETC.



CODES AND DIMENSIONS

CODE	Ø external [mm]	Ø shank [mm]	TL [mm]	EL [mm]	pcs
F1663015	15	8	90	57	1
F1663020	20	8	90	57	1
F1663025	25	10	90	57	1
F1663030	30	10	90	57	1
F1663035	35	10	90	57	1
F1663040	40	10	90	57	1
F1663045	45	10	90	57	1
F1663050	50	10	90	57	1

BORMAX 3.0 HM - SET

CODES AND DIMENSIONS

CODE	Ø set [mm]	TL [mm]	EL [mm]	pcs
F1663505	15, 20, 25, 30, 35	90	57	1
F1663504	35, 40, 45, 50	90	57	1



TAPCUT

MILLING CUTTER TO MAKE TIMBER CAPS

FOR LONG CAPS

Useful cap length max. 70 mm.

MATERIAL

Made of specific alloy steel for WS tools.



CODES AND DIMENSIONS

CODE	Ø internal [mm]	Ø shank [mm]	TL [mm]	EL [mm]	pcs
F1616015	15	13	140	70	1
F1616020	20	13	140	70	1
F1616025	25	13	140	70	1
F1616030	30	13	140	70	1
F1616035	35	13	140	70	1
F1616040	40	16	140	70	1
F1616045	45	16	140	70	1
F1616050	50	16	140	70	1

TAPCUT - SET

CODES AND DIMENSIONS

CODE	description	Ø internal [mm]	EL [mm]	pcs
F1628306	disc cutter + Bormax set	15, 20, 25	70 - 57	1





CATCH

SCREWING DEVICE

REDUCED STRESS

Thanks to CATCH, even longer screws can be screwed on quickly and safely without the risk of the bit slipping.

DIFFICULT CORNERS

Particularly useful in case of screwing in corners, which usually do not allow exerting a great screwing force.



CODES AND DIMENSIONS

CODE	L	Ø	weight	pcs
	[mm]	[mm]	[g]	
CATCH	210	41,5	630	1
CATCHL	207	46	680	1

VIDEO

Scan the QR Code and watch the video on our YouTube channel



TECHNICAL SPECIFICATIONS

	CATCH	CATCHL
machine support	SW 11 hexagonal head	SW 11,5 hexagonal head
Bit connection	1/4"	5/16"
Bit included	TX4050	TX4050L (HBS Ø10) TX5050
Compatible screws	HBS (countersunk head) Ø8 mm	HBS (countersunk head) Ø10-Ø12 mm
	VGS (countersunk head) Ø9 mm	VGS (countersunk head) Ø11 mm
	VGZ (cylindrical head) Ø9 mm	VGS (countersunk head) Ø13 mm

Further information on the use of the product can be found at www.rothoblaas.com.

BROAD

COUNTERBORE CUTTER FOR KKT, KKZ, KKA SCREWS

PRACTICAL

For terrace screws pre-drilling and countersinking



CODES AND DIMENSIONS

CODE	Ø drill bit [mm]	Ø counterbore cutter [mm]	L drill bit [mm]	TL [mm]	pcs
BROAD1	4	6,5	41	75	1
BROAD2	6	9,5	105	150	1

DRILL STOP

SET OF DRILL BITS AND COUNTERBORE CUTTER WITH SWIVEL DEPTH STOP

TERRACES

For drilling and countersinking in a single operation by checking the depth.



CODES AND DIMENSIONS

CODE	Ø drill bit [mm]	Ø counterbore cutter [mm]	pcs
F3577040	4	12	1
F3577050	5	12	1
F3577060	6	12	1
F3577504	set 4, 5, 6	12	1

SNAIL PULSE

CARBIDE DRILL BIT IN HM WITH SDS DRILL CHUCK SHANK

CONCRETE

For drilling concrete, reinforced concrete, masonry and natural stone.

SHEARING

The 4 spiral HM cutting edges ensure rapid forward movement.



CODES AND DIMENSIONS

CODE	Ø drill bit [mm]	TL [mm]	pcs
DUHPV505	5	50	1
DUHPV510	5	100	1
DUHPV605	6	50	1
DUHPV610	6	100	1
DUHPV615	6	150	1
DUHPV810	8	100	1
DUHPV815	8	150	1
DUHPV820	8	200	1
DUHPV840	8	400	1
DUHPV1010	10	100	1
DUHPV1015	10	150	1
DUHPV1020	10	200	1
DUHPV1040	10	400	1
DUHPV1210	12	100	1
DUHPV1215	12	150	1
DUHPV1220	12	200	1
DUHPV1240	12	400	1
DUHPV1410	14	100	1
DUHPV1420	14	200	1
DUHPV1440	14	400	1
DUHPV1625	16	250	1
DUHPV1640	16	400	1
DUHPV1820	18	200	1
DUHPV1840	18	400	1
DUHPV2020	20	200	1
DUHPV2040	20	400	1
DUHPV2240	22	400	1
DUHPV2440	24	400	1
DUHPV2540	25	400	1
DUHPV2840	28	400	1
DUHPV3040	30	400	1



DRILLING COLUMNS

COLUMN

RIGID DRILLING COLUMN

- For precise holes perpendicular to the work surface



CODES AND DIMENSIONS

CODE	for bits length [mm]	hole depth [mm]	TL [mm]	pcs
F1403462	460	310	approx. 630	1
F1403652	650	460	approx. 810	1



COLUMN 45°

DRILLING COLUMN TILTABLE UP TO 45°

- For precise holes with adjustable working angle with 90° to 45° accuracy



CODES AND DIMENSIONS

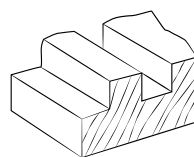
CODE	for bits length [mm]	hole depth [mm]	TL [mm]	pcs
F1404462	460	250	approx. 630	1
F1404652	650	430	approx. 810	1



CUTTERS

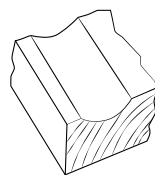
CYLINDRICAL CUTTER

CODE	Ø (D)	Ø shank (d)	EL (H)	TL	max. number of rpm	pcs
	[mm]	[mm]	[mm]	[mm]	[U/min]	
F3107806	6	8	19	51	23000	1
F3107808	8	8	20	51	22000	1
F3107810	10	8	20	51	22000	1
F3107812	12	8	20	51	20000	1
F3107814	14	8	20	51	20000	1
F3107816	16	8	20	51	19000	1
F3107818	18	8	20	51	19000	1
F3107820	20	8	20	51	18000	1
F3107822	22	8	20	51	18000	1
F3107908	8	12	25	70	26000	1
F3107910	10	12	32	76	24000	1
F3107912	12	12	32	73	22000	1
F3107916	16	12	32	73	21000	1
F3107920	20	12	32	73	20000	1
F3107922	22	12	25	67	20000	1
F3107925	25	12	32	63	19000	1
F3107930	30	12	25	67	18000	1



HALF ROUND CUTTER

CODE	radius (R)	Ø (D)	Ø shank (d)	H	max. number of rpm	pcs
	[mm]	[mm]	[mm]	[mm]	[U/min]	
F3106809	4,8	9,5	8	6,4	22000	1
F3106812	6,4	12,7	8	9,5	21000	1
F3106815	7,9	15,9	8	9,5	19000	1
F3106819	9,5	19,1	8	12,7	18000	1
F3106825	12,7	25,4	8	16	17000	1



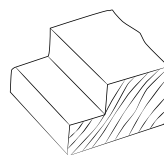
CONCAVE RADIUS CUTTER

CODE	radius (R)	Ø (D)	Ø shank (d)	H	max. number of rpm	pcs
	[mm]	[mm]	[mm]	[mm]	[U/min]	
F3109819	4	20,7	8	9,5	18000	1
F3109825	6,4	25,4	8	12,7	17000	1
F3109828	7,9	28,6	8	12,7	17000	1
F3109831	9,5	31,8	8	15,9	16000	1
F3109838	12,7	38,1	8	19,1	16000	1



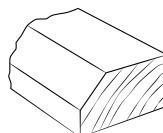
CUTTER FOR 90° CORNERS

CODE	Ø (D)	Ø shank (d)	H	TL	max. number of rpm	pcs
	[mm]	[mm]	[mm]	[mm]	[U/min]	
F3114831	31,7	8	12,7	51	18000	1



CUTTER FOR 45° CORNERS

CODE	Ø (D)	Ø shank	H	TL	max. number of rpm	pcs
	[mm]	[mm]	[mm]	[mm]	[U/min]	
F3118845	31,8	8	12,7	53	16000	1



LB HOLE CUTTER

FOR TIMBER AND TIMBER-LIKE MATERIALS

QUICK DRILLING

The new cutting edges and easy removal of the milled part will allow you to save valuable time.

POWERFUL

Drilling capacity up to 300 mm even in solid timber.

CODES AND DIMENSIONS

CODE	Ø cutter [mm]	EL [mm]	pcs
DULB42	42	300	1
DULB52	52	300	1
DULB62	62	300	1
DULB68	68	300	1
DULB72	72	300	1
DULB77	77	300	1
DULB82	82	300	1
DULB87	87	300	1
DULB92	92	300	1
DULB102	102	300	1
DULB112	112	300	1
DULB127	127	300	1
DULB132	132	300	1
DULB142	142	300	1
DULB152	152	300	1
DULB162	162	300	1
DULB172	172	300	1
DULB182	182	300	1
DULB202	202	300	1
DULB227	227	300	1
DULB250	250	300	1
DULB301	301	300	1
DULB322	322	300	1



DIA 303 machines recommended on page 213.



MATERIAL

High quality reliable HM cutters that can be sharpened and replaced so that it is not necessary to change the entire hole cutter.

FIELDS OF USE

Drilling of solid timber and glulam floors.
Drilling of wall and floor coverings.

CENTERING DRILL BIT

- Retractable - for LB hole cutter

CODE	description	EL	pcs
DUSZ	retractable bar for centering	250 - 300	1



CENTERING SHAFT

- Centering aid for large-sized holes

CODE	description	length [mm]	pcs
DUZST	for straight holes	385	1
DUZST6	for inclined holes	550	1



HOLE CUTTER ADAPTER

- For quick release change

CODE	description	pcs
DULSA1	for quick release change	1



ADAPTER FOR MACHINES

- For quick release change

CODE	description	pcs
DUSVM	adapter for machines	1



SHANK 1

- For cup cutters - with screw system

CODE	description	pcs
DULSA2	with screw system	1



SHANK 2

- For hole cutters -SDS

CODE	description	pcs
DULSA4	for SDS Max	1
DULSA5	for SDS Plus	1



SHANK 3

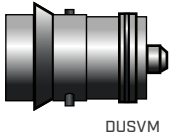
- For cup cutters - drill chuck with shank Ø13 mm

CODE	description	pcs
DULSA3	for drill chuck with shank Ø13 mm	1

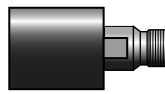


LB HOLE CUTTER ADAPTERS

Threaded connection G 1/2" + quick-closing fastener



DUSVM



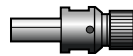
DULSA1

Threaded connection G 1/2"



DULSA2

Shank for Ø13 mm drill chucks



DULSA3

SDS Max connection



DULSA4

SDS Plus connection



DULSA5

Quick centring device

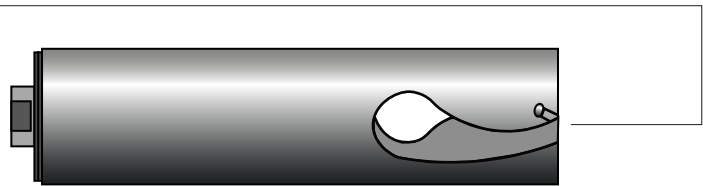


DUSZ

Centering shaft



DUZST / DUZST6



LB HOLE CUTTER

DULBXXX

RECOMMENDED OPERATION RANGE

cutters - Ø	rpm
[mm]	[U/min]
40 - 82	1400 - 700
83 - 142	700 - 400

cutters - Ø	rpm
[mm]	[U/min]
143 - 202	400 - 280
203 - 322	280 - 180

HSS CUTTER

FOR CUTTING VENTILATION DUCTS IN TRUSSES

UNIVERSAL

It conveniently cuts all insulation materials and timber from trusses or walls.

FREEHAND USE

With a powerful hand drill, the hole cutter can be used freehand without additional tools. Approx. 500 rpm

CODES AND DIMENSIONS

CODE	Ø cutter [mm]	TL [mm]	EL [mm]	pcs
F2170086	85	420	300	1
F2170111	110	420	300	1
F2170130	130	420	300	1
F2170152	152	420	300	1
F2170170	170	420	300	1
F2170200	200	420	300	1

The supply includes: hexagonal connection (F2170005). Guide pin and drilling head must be ordered separately.

ADDITIONAL PRODUCTS - ACCESSORIES

CODE	description	A Ø [mm]	TL [mm]	EL [mm]	pcs
F2170030	guide pin with drilling head	20	470	410	1
F2170010	guide pin only	19,5	430	380	1
F3690002	drilling head only	8 - 20	70	40	1
F2170005	hexagonal connection for HSS SW 12 hole cutter				1



F2170010

F3690002



F2170005



MATERIAL

Bimetal HHS M42, 8% Co.

FIELDS OF USE

Cuts insulation material of any kind (glass and rock wool, polystyrene, wood fibre, etc.) as well as timber, chipboard and plasterboard panels. Cutting solid timber up to a thickness of 30 mm.

LH CUTTER

HM HOLE CUTTERS

DURABLE

For a much higher service life than traditional bimetal hole cutters.



CODES AND DIMENSIONS

CODE	Ø cutter [mm]	EL [mm]	pcs
DULH16	16	52	1
DULH19	19	52	1
DULH20	20	52	1
DULH22	22	52	1
DULH25	25	52	1
DULH29	29	52	1
DULH30	30	52	1
DULH32	32	52	1
DULH35	35	52	1
DULH38	38	52	1
DULH40	40	52	1
DULH41	41	52	1
DULH44	44	52	1
DULH48	48	52	1
DULH51	51	52	1
DULH54	54	52	1
DULH60	60	52	1
DULH64	64	52	1
DULH65	65	52	1
DULH67	67	52	1

CODE	Ø cutter [mm]	EL [mm]	pcs
DULH68	68	52	1
DULH70	70	52	1
DULH73	73	52	1
DULH76	76	52	1
DULH79	79	52	1
DULH83	83	52	1
DULH86	86	52	1
DULH89	89	52	1
DULH92	92	52	1
DULH95	95	52	1
DULH102	102	52	1
DULH105	105	52	1
DULH108	108	52	1
DULH111	111	52	1
DULH114	114	52	1
DULH121	121	52	1
DULH127	127	52	1
DULH133	133	52	1
DULH140	140	52	1
DULH152	152	52	1

■ ADDITIONAL PRODUCTS - ACCESSORIES

AN CONNECTION

CODE	Ø cutter [mm]	cutter length [mm]	hexagonal head/ drill chuck [mm]	pcs
DUAN3	14 - 30	55 - 66	9,5 / ≥ 10	1
DUAN4	32 - 152	55 - 66	11 / ≥ 13	1



EDGE COUNTERBORE CUTTER

CODE	pcs
DULRS	1

Suitable for Ø68 mm LH hole cutter: ideal for flush wall installation of sockets in timber and timber-like cavity walls.



■ LH CUTTER - SET

■ CODES AND DIMENSIONS

CODE	drilling Ø [mm]	connection	pcs
DULHSETSAN	19, 22, 29, 35, 44, 51, 57	AN3, AN4	1
DULHSETEAN	22, 29, 35, 44, 51, 57, 65, 68	AN3, AN4	1
DULHSETUAN	19, 22, 25, 29, 35, 44, 51, 57, 65, 68, 76	AN3, AN4	1



MATERIAL

High quality carbide cutting edges and special alloy cutter body

FIELDS OF USE

Universal use in timber and timber-like materials, GRP, Trespa panels, plasterboard panels and blocks, fibre cement panels, roof tiles, porous concrete, wall tiles and sandwich materials.

MILLING MACHINE FOR DOWELS

MILLING MACHINE FOR APPEL AND GEKA ANCHORS

PRECISE

Precise and reliable milling devices that guarantee perfect milling and optimum dowels load-bearing force.

MANUAL

The cutting depth limiter for large diameters allows to work safely using manual drills.



CODES

CODE	description	pcs
DBB761964	Ø13 mm round shank dowels cutter	1
DBB762209	morse MK3 tapered dowels cutter	1
DBB762483	65, 80, 95 mm perforated wedge-shaped blade	2
DBB762484	126, 128 mm perforated wedge-shaped blade	2
DBB762486	160, 190 mm perforated wedge-shaped blade	2
DBB762454	GEKA blade 50 mm	2
DBB762455	GEKA blade 65 mm	2
DBB762456	GEKA blade 80 mm	2
DBB762457	GEKA blade 95 mm	2
DBB762458	GEKA blade 115 mm	2
DBB762574	front blade 65 mm	2
DBB762575	front blade 80 mm	2
DBB762576	front blade 95 mm	2
DBB762577	front blade 128 mm	2
DBB762498	chips limiter	1



FIELDS OF USE

Interchangeable universal blade for milling timber-to-timber joints by means of special dowels.

MATERIAL

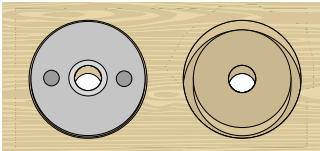


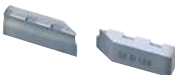
High quality tool with insertable blades for different applications.

POSSIBLE COMBINATIONS

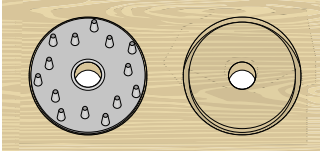


APPEL | TYPE A1 DOWEL - BILATERAL EN 912

name	shank	Ø _{ext} [mm]	milling machine for dowels	+	perforated wedge- shaped blade	+	chips limiter
							
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	65, 80, 95	DBB761964	+	DBB762483	+	not necessary
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	126, 128	DBB761964	+	DBB762484	+	DBB762498
"Maxi" dowels milling machine	morse MK3 cone	160, 190	DBB762209	+	DBB762486 (included)	+	included

APPEL | TYPE B1 DOWEL - MONOLATERAL EN 912

name	shank	Ø _{ext} [mm]	milling machine for dowels	+	perforated wedge- shaped blade	+	front blade
							
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	65	DBB761964	+	DBB762483	+	DBB762574
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	80	DBB761964	+	DBB762483	+	DBB762575
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	95	DBB761964	+	DBB762483	+	DBB762576
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	128	DBB761964	+	DBB762484	+	DBB762577
"Maxi" dowels milling machine	morse MK3 cone	160	DBB762209	+	DBB762486 (included)	+	included

GEKA | TYPE C10 DOWEL - MONOLATERAL AND BILATERAL EN 912

name	shank	Ø _{ext} [mm]	milling machine for dowels	+	GEKA blade
					
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	50	DBB761964	+	DBB762454
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	65	DBB761964	+	DBB762455
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	80	DBB761964	+	DBB762456
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	95	DBB761964	+	DBB762457
"Combi" dowels milling machine	round three-dimensional shank Ø13 mm	115	DBB761964	+	DBB762458

LFA CUTTER

FOR TIMBER FIBRE INSULATION PANELS

SHARP

Extremely sharp and thin cutting edges for fast, precise and dust-free drilling of fibrous insulation materials, ideal for blowing openings.

PRACTICAL

The extracted core can easily be reused to close the hole.



CODES AND DIMENSIONS

CODE	Ø cutter [mm]	EL [mm]	pcs
DULFA85	85,0	85	1
DULFA106	106,5	85	1
DULFA120	120,0	85	1



FIELDS OF USE

Drilling of timber fibre insulation panels, recommended operating range: 400-600 rpm

REUSEABLE

Simple ejection of the core without the need for tools. The precision in milling the core makes it reusable for closing the hole.

MISCELLANEOUS MACHINERY

MISCELLANEOUS MACHINERY

MISCELLANEOUS MACHINERY

JELLY	208	MILLING MACHINE	224
PAINTING MACHINE		PATCH MILLING MACHINE WITH GUIDE BAR	
LIZARD	210	PLANER	225
UNWINDER FOR NAIL POINT SEALING TAPE		FOR CREATING 45° CORNERS	
PANIMPULS	211	BAND SAW	226
CORDLESS PULSE SCREW GUN		ATEU3011	226
B 13 B	212	BLADES FOR SAW	227
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4-SPEED SCREWDRIVER			
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JELLY

PAINTING MACHINE

PRACTICAL

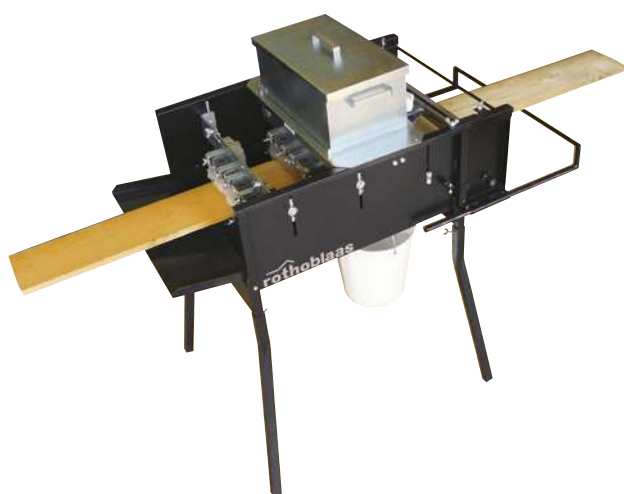
It allows to apply the impregnating agent on timber elements quickly and easily on 1, 2, 3 or 4 sides at the same time.

EFFECTIVE

The working capacity of two people is about 200 m² per hour, if working on all four sides.

EFFICIENT

Excess paint can be recovered and put back in the container for re-use.



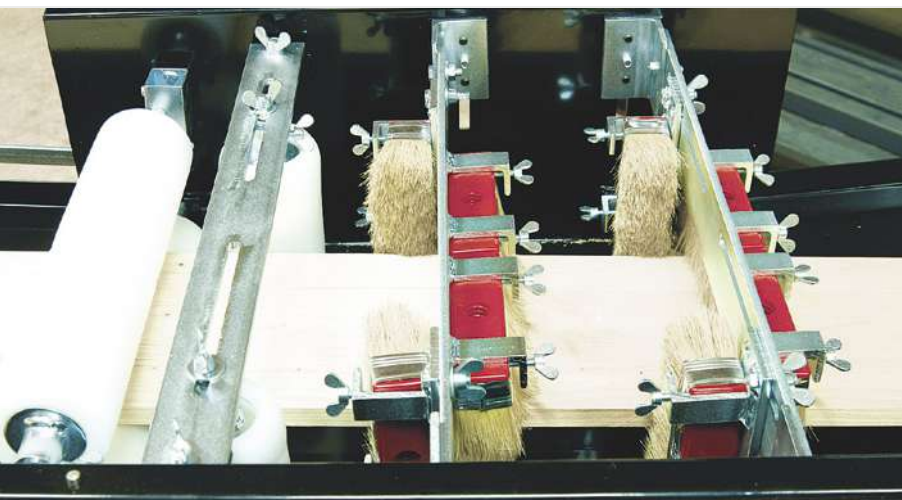
CHARACTERISTICS

FOCUS	impregnation of timber of max. 300 x 90 mm
DIMENSIONS	L x B x H approx. 70 x 61 x 127 cm
POWER	approx. 200 m ² per hour
APPLICATION	also for tapped boards



VIDEO

Scan the QR Code and watch the video on our YouTube channel



MATERIAL

Made with robust components for greater durability.

FIELDS OF USE

For the application of numerous types of colours, paints, impregnating agents for battens, planks and boards.

CODES AND DIMENSIONS

CODE	description	weight [kg]	pcs
JELLY	complete automatic sealer machine	60,2	1

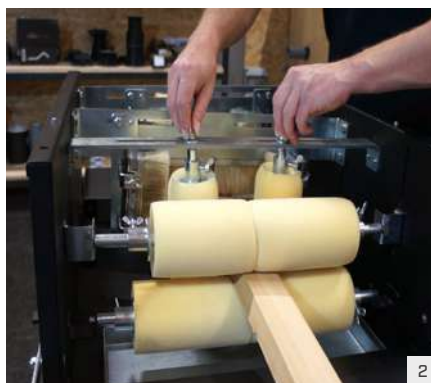
COMPLEMENTARY PRODUCTS

CODE	description	pcs
JLL2015	rolls	6
JLL2020	brushes	12
JLL2025	nozzles	3
JLL2030	roll holder	4
JLL2035	brush holder	8

INSTALLATION



Insert the element between the two automatic coating machines



Adjust the sponges to the dimensions of the element and fix them by tightening screws.



Adjust the brushes to the dimensions of the element and fix them by tightening screws.



Position the colour tank and make sure that nozzles are closed. Hook the collection bucket under the tank.



Enter paint or impregnating primer. If necessary, mix it until a homogeneous consistency is obtained.



Start the process: open the nozzles and wait for the rolls to absorb the colour. Finally, push the elements through the sponges.

LIZARD

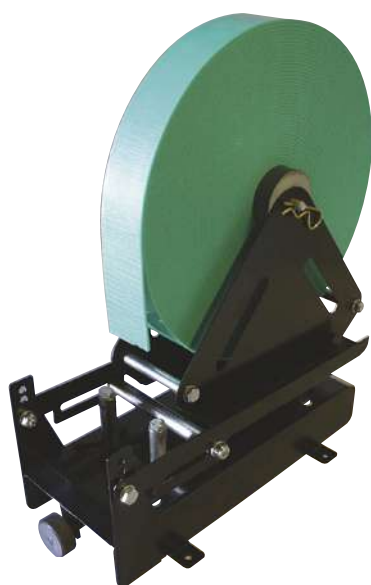
UNWINDER FOR NAIL POINT SEALING TAPE

TIME SAVING

Thanks to the fast and precise application of the nail tip tape, application costs can be considerably reduced.

WATERPROOF

The closed-cell polyethylene structure guarantees the membrane impermeability in case of perforation by means of fastening.

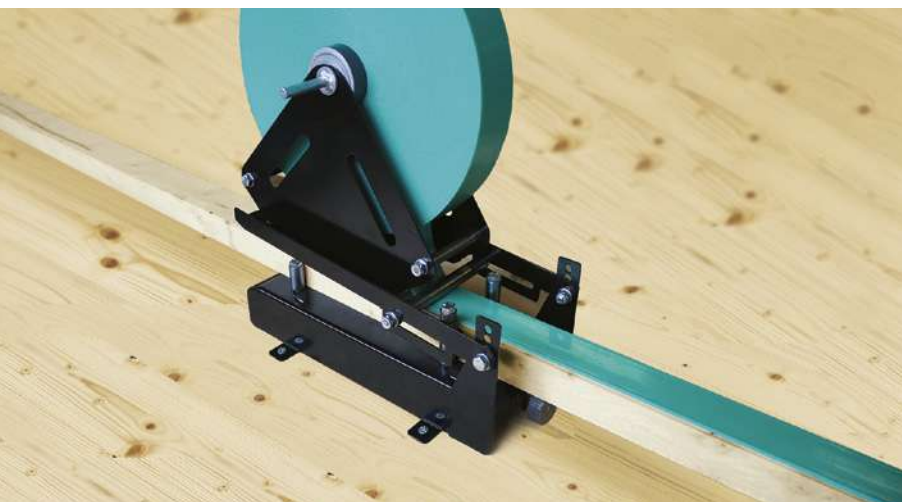


CODES AND DIMENSIONS

CODE	description	pcs
LIZARD	unwinder	1

VIDEO

Scan the QR Code and watch the video on our YouTube channel



RECOMMENDED PRODUCT

Optimal with NAIL PLASTER single-sided nail point tape.

FIELDS OF USE

For nail point tape from 50 to 80 mm wide and timbers from 40 x 40 mm to 80 x 80 mm.

PANIMPULS

CORDLESS PULSE SCREW GUN

MIGHTY

Hand pulse screw gun with high tightening torque of 280 Nm.

ROBUST

The bumper protection minimises machine wear and the effect of impacts on the user.



CODES AND DIMENSIONS

CODE	description	pcs
PANIMP18	pulse screw gun	1

TECHNICAL SPECIFICATIONS

Motor voltage		18 V DC
Empty turns		[min ⁻¹ (U/MN)]
	"light" mode	0 - 1000
	"intermediate" mode	0 - 1500
	"intense" mode	0 - 2500
Maximum tightening torque		280 Nm (28,6kgf*m)
Percussion frequency per minute		[min ⁻¹ (ipm)]
	"light" mode	0 - 1900
	"intermediate" mode	0 - 2900
	"intense" mode	0 - 3600
Total length		143 mm
Weight		1,80 kg



B 13 B

2-SPEED SCREWDRIVER

POWERFUL

A comfortable, versatile and powerful tool with a torque of 120 Nm.

SECURE

The torque limiting coupling prevents overloading.



CODES AND DIMENSIONS

CODE	description	pcs
DUB13B	Screwdriver	1

VIDEO

Scan the QR Code and watch the video on our YouTube channel



TECHNICAL SPECIFICATIONS

Rated power consumption	760 Watt
Screws up to (softwood, without pre-drilling holes)	11 x 400 mm
Tightening torque (1-Speed)	120 Nm
Machine weight	2,8 kg
Threaded connection for chuck mandrel	1/2" - 20 UNF
Ø of tightening annulet	43 mm
Tightening range of chuck mandrel	1,5 - 13 mm
1-Speed	
Ø drilling with tip Forstner	51 - 80 mm
Number of rpm with nominal load	0 - 170 U/min

DIA 303

DRILL FOR DRILLING AND PERFORATIONS - DRY

WIDE DRILLING RANGE

Drilling range from Ø40 to 322 mm regardless of whether freehand or support use.

CUTTER

The ideal drill, also for LB hole cutters.



DUDIA303



DUSK61



DUSK76

CODES AND DIMENSIONS

CODE	description	pcs
DUDIA303	drill for diamond drill bit dry cutting	1

SET

CODE	description	pcs
DUDIA303SET	diamond drilling drill + BS 160 drilling column	1

COMPLEMENTARY PRODUCTS

CODE	description	pcs
DUSK61	suction bell without quick coupling	1
DUSK76	suction bell with quick coupling or for the use of extensions	1

TECHNICAL SPECIFICATIONS

Rated power consumption

2000 Watt

Areas of perforation:

• diamond drill bit	Ø52 - 300 mm
• LS hole cutter on plastic	Ø40 - 322 mm
• on stand with LS cutter on plastic	Ø40 - 202 mm
• on tripod with LS hole cutter on plastic	Ø40 - 257 mm
• hole cutter for timber	Ø42 - 322 mm
• on stand with hole cutter for timber	Ø42 - 202 mm
• on tripod with hole cutter for timber	Ø42 - 182 mm

Rpm under nominal load in 1st, 2nd, 3rd speed

360/680/1270 U/min

Machine weight

6,2 kg

Drill chuck connection

G 1/2"



DIA 303 W

DRILL FOR DRILLING AND PERFORATIONS - WATER AND DRY

POWERFUL

Superior performance especially in the production of large and medium-sized holes.

VERSATILE

Possibility of drilling manually, on a support or on a tripod depending on the condition of the material, dry or wet.



CODES AND DIMENSIONS

CODE	description	pcs
DUDIA303W	diamond drill for drilling - water	1

TECHNICAL SPECIFICATIONS

Rated power consumption	2000 Watt
Areas of perforation:	
• diamond drill bit, wet cutting	Ø32 - 202 mm
• in concrete pipe with diamond drill bit - wet cutting	up to Ø300 mm
• diamond drill bit, dry cutting	Ø52 - 300 mm
• LS hole cutter on plastic	Ø40 - 322 mm
• on stand with LS cutter on plastic	Ø40 - 202 mm
• on tripod with LS hole cutter on plastic	Ø40 - 257 mm
Rpm under nominal load in 1st, 2nd, 3rd speed	360/680/1270 U/min
Machine weight	6,4 kg
Drill chuck connection	G 1/2"

P 26 C

COMBI HAMMER

PRACTICAL

Continuously adjustable speed and impact force using the button for gentle and precise drilling and chiselling.

Rapid transition from drilling to percussion and chiselling.

INNOVATIVE

Vibration dampening elements reduce the effect of percussion on the user. Maintenance-free due to constant lubrication.



CODES AND DIMENSIONS

CODE	description	pcs
DUP26C	combi hammer	1

SET

CODE	description	pcs
DUP26CSET	combi hammer set	1

Set = combi hammer - pointed chisel SMP1 - flat chisel FMP2 - stone drilling set 7 pcs (Ø5 - 12) SDS 7 T.

COMPLEMENTARY PRODUCTS

CODE	description	pcs
DUASG12	suction bell up to Ø12 mm	1
DUASG68	suction bell up to Ø68 mm	1
DUSDS7T	SDS-plus drill bit box	1

TECHNICAL SPECIFICATIONS

Rated power consumption	710 Watt
Drilling range with full point	Ø5 - 30 mm
Drilling range with hammer rim	Ø40 - 82 mm
Drilling power (Ø14 mm)	460 mm/min
Drilling power (Ø20 mm)	240 mm/min
Demolition power with pointed chisel	approx. 50 kg/h
Single stop energy	0 - 3,6 Joule
Number of rpm with nominal load	0 - 700 U/min
Adjustable percussion frequency	0 - 3700 rounds/min
Machine weight	3,9 kg
Drill chuck connection	SDS - Plus



D 38 RLE

4-SPEED SCREWDRIVER

MIGHTY

Powerful and resistant 2000 W motor, able to reach a tightening torque of > 250 Nm at 1st speed.

MAINTENANCE-FREE

4-Speed transmission with continuous lubrication.



CODES AND DIMENSIONS

CODE	description	pcs
DUD38RLE	4-Speed screwdriver	1

COMPLEMENTARY PRODUCTS

CODE	description	pcs
DUVSKU	VSKU clutch	1
DUD38SH	screw handle D38SH	1
ATRE2019	adapter 1 for MK3	1
ATCS2010	adapter 2 for sleeve	1
ATRE2014	tightening range of chuck mandrel 5-20 mm	1
ATCS007	sleeves for RTR structural reinforcement system Ø16 mm	1
ATCS008	sleeves for RTR structural reinforcement system Ø20 mm	1

RTR

CODE	d ₁ [mm]	L [mm]	d _{hole} [mm]	pcs
RTR162200	16	2200	13	10
RTR202200	20	2200	16	5



TECHNICAL SPECIFICATIONS

Rated power consumption	2000 Watt
Drilling Ø on:	
• steel tip with integral	up to 32 mm
• wood tip with integral	up to 130 mm
• polypropylene with hole cutter LS	up to 600 mm
Rpm under load in 1st, 2nd, 3rd and 4th speed	120/210/380/650 U/min
Machine weight	8,6 kg
Drill chuck connection	conical MK 3

FRICTION

- Tightening torque 200 Nm
- 1/2" square drive

CODE	pcs
DUVSKU	1



SCREW HANDLE

- High security

CODE	pcs
DUD38SH	1



ADAPTER 1

- For MK3

CODE	pcs
ATRE2019	1



ADAPTER 2

- For sleeve

CODE	pcs
ATCS2010	1



SLEEVES

- For WB structural reinforcement system

CODE	Ø [mm]	pcs
ATCS007	16	1
ATCS008	20	1



MANDREL

- Adapter 1 (ATRE2019) is required for connection to the D 38 RLE drill

CODE	pcs
ATRE2014	1



BS 160

DRILLING COLUMN

ROBUST

The robust components guarantee high quality and durability.

PRECISE

The controlled use of the trolley allows to carry out operations with precision and simplicity.



CODES AND DIMENSIONS

CODE	description	pcs
DUBS160	drilling column	1

Accessories: DUBFS2 fastening set (tightening drill chuck, lock nut, 25 impact anchors M12, washer M16)

TECHNICAL SPECIFICATIONS

Ø max. drilling	202 mm
Ø max. drilling device with water recovery	182 mm
Weight	12,2 kg
Stroke	630 mm
Column length	920 mm
Tilt adjustment	0 - 45° no actuations
Stand for device	with quick coupling

BS 320 B

DRILLING COLUMN

FIELDS OF USE

Drilling on vertical, horizontal and transversal support in timber, walls and concrete.

ADVANTAGES

Drilling is carried out with minimum effort even in the case of holes with a large diameter; the machine is easy to use without auxiliary tools.



CODES AND DIMENSIONS

CODE	description	pcs
DUBS320B	drilling column	1

COMPLEMENTARY PRODUCTS

CODE	description	pcs
DUTBS	adapter for dry suction in the drilling support with G 1/2" hole cutter	1

TECHNICAL SPECIFICATIONS

Ø max. drilling	322 mm
Weight	15,2 kg
Stroke	630 mm
Column length	920 mm
Tilt adjustment	0 - 45° no actuations
Stand for device	with quick coupling

Drilling Columns BS 320 B has been designed specifically for drilling timber.



CHAINSAW

GZE51

ELECTRIC CHAINSAW

- Powerful and resistant electric chainsaw for various uses. Equipped with automatic chain lubrication
- Convertible into a groove cutter with the appropriate accessory



CODES AND DIMENSIONS

CODE	description	pcs
GZE51F	electric saw	1

TECHNICAL SPECIFICATIONS

Motor power	2300 W
Voltage	230 V
Frequency	50 Hz
Chain lubrication	automatic
Cut length	47 cm
Chain	3/8"
Weight (including blade and chain)	8,37 kg



GZ130

CONVERSION ACCESSORY FOR GROOVE CUTTER

- Fast and precise milling of grooves for power lines and technical installations
- Accessory for electric chain saws GZE51 and MSE250



CODES AND DIMENSIONS

CODE	description	pcs
GZ130PF	19 mm accessory for GZE51	1
GZ130GF	24 mm accessory for GZE51	1
GZ130PFMSE250	19 mm accessory for Stihl MSE250	1
GZ130GFMSE250	24 mm accessory for Stihl MSE250	1
GZ9FP	spare 19 mm blade	3
GZ9FG	spare 24 mm blade	3

Alternative: Mafell NFU milling cutter for straight milling.



FOR INDOOR USE

Thanks to electric propulsion, it can be used without problems inside buildings.

FIELDS OF USE

For milling widths between 19 and 24 mm (solid timber and glulam).

BRUSHING AND DEBARKING ACCESSORIES

GZ117SP

BRUSHING ACCESSORY

- Accessory for electric chain saw GZE51F

CODES AND DIMENSIONS

CODE	description	pcs
GZ117SP	adapter with a steel brush	1

COMPLEMENTARY PRODUCTS

CODE	description	pcs
GZ9SP	spare brush steel	1
GZ117SPN	adapter with nylon brush 60 g	1
GZ117SPN40	nylon brush 40 g	1
GZ117SPN60	nylon brush 60 g	1
GZ117SPN120	nylon brush 120 g	1



GZ117LT

DEBARKING MACHINE WITH 2-EDGE CUTTER

- For electric chain saw GZE51F
- With round blade

CODES AND DIMENSIONS

CODE	description	pcs
GZ117LT	milling machine with round blade	1
GZ9LT	spare blade	2



GZ117RT

DEBARKING MACHINE WITH 4-EDGE CUTTER

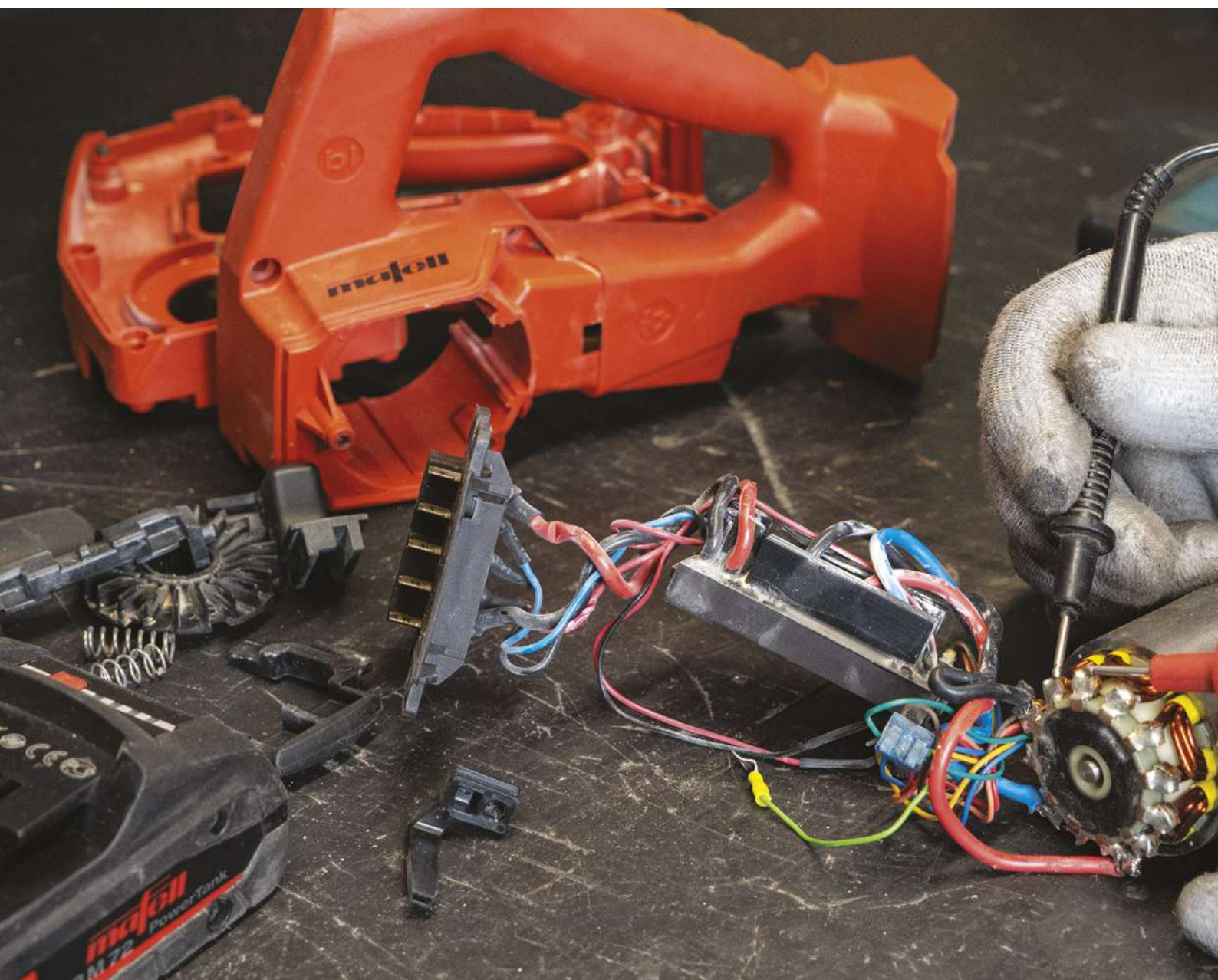
- For electric chain saw GZE51F
- With straight blade

CODES AND DIMENSIONS

CODE	description	pcs
GZ117RT	milling machine with straight blade	1
GZ9RT	spare blade	4



WE TAKE CARE OF YOUR MACHINES



Our know-how at your service

For over 25 years, the qualified technicians of our repair shop have been taking care of the machines that we retail. They do it with skill, passion and professional know-how, providing service of excellence in short turn-around time and ensuring machine durability and performance over time. Our technicians are at your disposal for repairs and assistance of power tools and carpentry machines, overhaul of Individual Protection Devices and sharpening of tool and machine blades.

MILLING MACHINE

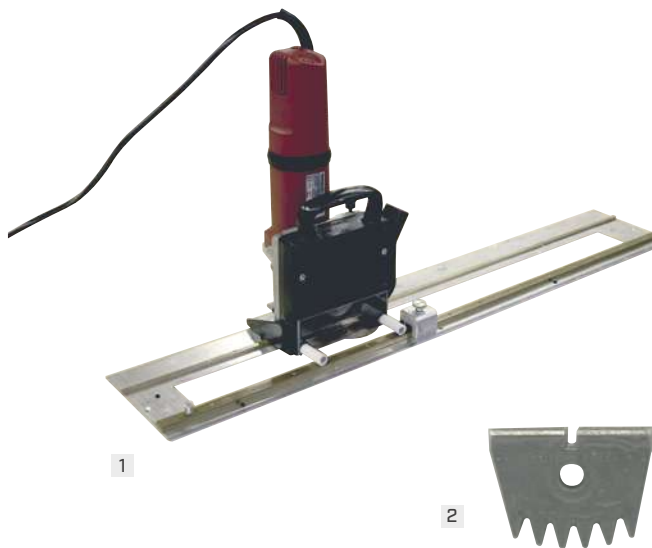
PATCH MILLING MACHINE WITH GUIDE BAR

WOOD REPAIR

The milling machine makes it easy to mill damaged spots such as cracks, faded parts, etc., covering them with patches.

INVISIBLE

Repairs give new life to damaged timber elements.



CODES AND DIMENSIONS

CODE	description	pcs
1 ATEU0500	patch milling machine with guide bar	1
2 ATCT2100	spare knives F24 - 42	2

For patches, see page 174.

TECHNICAL SPECIFICATIONS

Patches size	F24 - F42
Patches length	68 - 550 mm
Power	850 W
Speed	11000 U / min.
Weight	3,5 kg

PLANER

FOR CREATING 45° CORNERS

PRECISE CHAMFERS

The knob allows to accurately adjust the planing depth, while the support boards ensure precise chamfers.

INCLUDED IN THE SUPPLY

Sturdy case and 2 reversible blades assembled and ready to use.



CODES AND DIMENSIONS

	CODE	description	pcs
1	ATEU1010	planer	1
2	AU0105	spare reversible blades	2

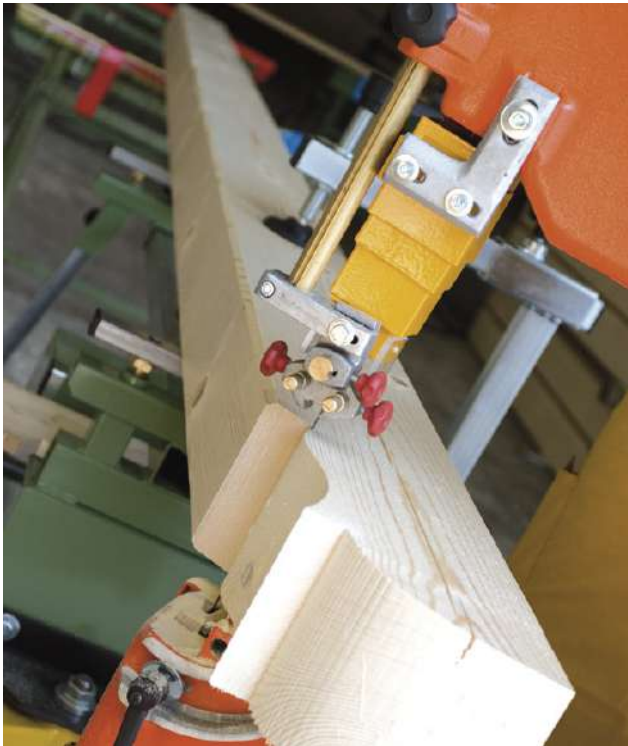
TECHNICAL SPECIFICATIONS

Blunting width	0 - 25 mm
Planing depth	0 - 12,5 mm
Empty turns	16100 / min
Nominal absorption	700 W
Voltage	230 V
Weight	3,3 kg

BAND SAW

ATEU3011

BAND SAW ON MOBILE TROLLEY



CODES AND DIMENSIONS

CODE	description	pcs
ATEU3011(*)	Dario band saw on mobile trolley	1
MDSR700(*)	reclining support (0-45°)	1
MDR101250	coping device	1

(*) On request.

TECHNICAL SPECIFICATIONS

Cut width	390 mm
Cut height	250 mm
Maximum cut height with special blade guide	310 mm
Blade length	2530 mm
Motor power	1100 W
Nominal tension	220 V
Weight	190 kg

BLADES FOR SAW

BLADES BAND SAW 1

FOR MD DARIO

CODES AND DIMENSIONS

CODE	size [mm]	machine type	pcs
ATMD06	2450 x 6	SV3	10
ATMD10	2450 x 10	SV3	10
ATMD3310	2530 x 10	SN33	10
ATMD3306	2530 x 6	SN33	10



BLADES BAND SAW 2

FOR PORTABLE BAND SAWS HEMA / PROTOOL

CODES AND DIMENSIONS

CODE	size [mm]	pcs
LAMEHH6	1710 x 6	10
LAMEHH10	1710 x 10	10

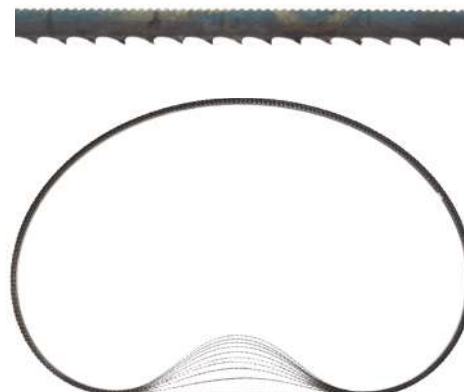


BLADES BAND SAW 3

FOR MAFELL Z3 / Z5, WITH POSTERIOR TOOTHING

CODES AND DIMENSIONS

CODE	size [mm]	pcs
LAMEZ58DD	1752 x 8	10



COMPRESSORS

COMPRESSOR 10

OIL-LESS

CODES AND DIMENSIONS

CODE	tank [l]	air intake [l/min]	weight [kg]	pcs
ATT411	10	330	37	1



COMPRESSOR 20

OIL-LESS

CODES AND DIMENSIONS

CODE	tank [l]	air intake [l/min]	weight [kg]	pcs
ATT421	10 + 10	330	43	1



AIR HOSE

FOR COMPRESSED AIR, 360 °
SWIVEL, WITH STABLE SUPPORT

CODES AND DIMENSIONS

CODE	length [m]	int. size [mm]	pcs
HH14000406	25	9,5	1



COMPRESSED AIR HOSE

COMPRESSED AIR HOSE WITH
UNIVERSAL CONNECTION

CODES AND DIMENSIONS

CODE	length [m]	diameter [mm]	pcs
HH14000051	15	9	1



PRODUCTS LIST

PRODUCTS LIST

PRODUCTS LIST

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ANT	large lifting lever	61
ARCH	helmets for workplace safety, for industry and construction	122
ARMADILLO	polyester tape for packages	72
ARTEMIS	professional harness for fall protection and positioning	126
AT 0116	strip magazine nailgun 34°	86
ATEU3011	band saw on mobile trolley	226
B 13 B	2-Speed screwdriver	212
BACK	fall protection and positioning device	131
BAND 1	60 cm band	133
BAND 2	120 cm band	133
BAND 3	180 cm band	133
BASE	base worksite kit	121
BEAR	torque wrench	63
BEAVER	carpenter's square	68
BEEKIT	set of carpenter's square, alfa square and sliding T bevel	68
BIA	professional harness for fall protection	126
BIT STOP	automatic screwing device with depth stop	45
BORMAX 2.0 WS	for soft wood, european hard wood, fibre boards and mdf and other materials	188
BORMAX 3.0 HM	universal all-rounder, also for exotic hard timbers, coated plates, etc.	189
BORMAX GUIDE	precision cutter for timber	186
BRANCH	universal pastel case	76
BROAD	counterbore cutter for KKT, KKZ, KKA screws	192
BS 160	drilling column	218
BS 320 B	drilling column	219
CAP ECO	tarpaulin for roofs	43
CAP PLUS	tarpaulin for roofs	43
CAP SUPER	roofing system for construction sites	40
CAP TOP	tarpaulin for roofs	42
CATCH	screwing device	191
CHAMELEON	powder marker with plastic housing	75
CHISEL	high-quality chisel with ergonomic grip	59
CLASSIC	connectors for use with mobile devices	134
COLUMN 45°	drilling column tiltable up to 45°	194
COLUMN	rigid drilling column	194
CONCRETE RAIL	railing for horizontal edges	140
CONTAINER	portable storage for the worksite	12
COSMOS	powder marker with aluminium casing - fast rewind	75
CRAB MAXI	board clamp, large model	29
CRAB MINI	one-handed terrace clamp	29
CRICKET	8 sizes ratcheting wrench	62
CUTTER	for professional cutting	64
D 38 RLE	4-Speed screwdriver	216
DIA 303	drill for drilling and perforations - dry	213
DIA 303 W	drill for drilling and perforations - water and dry	214
DOUBLE SICUROPE	double arm rope with energy absorber	129
DRAGON	lifting belt	157
DRILL STOP	set of drill bits and counterbore cutter with swivel depth stop	192
EAR	ear defenders for helmets	124
ECO	polyester / nitrile gloves	135
EDGE PRO	roller	72
EMU	carpenter's square - aluminium	69
ENERGY	adjustable rope with energy absorber	128
FALL BLOCK	retractable device with steel cable	130
FLAMINGO	aluminium sliding T bevel	69
FLI	timber patches for repairs of glulam, fir timber	174
FLY	professional gun for 310 ml cartridges	46
FLY FOAM	automatic long tube gun for foams	49

product	description	page
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FOAM CLEANER	detergent for cartridge guns	49
FROG	silicone-free wood lubricant	51
FUGU	Tajima precision saw	66
GEAR	head wrap for helmets	124
GEKO	panel puller	24
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GZ117LT	debarking machine with 2-edge cutter	222
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HBS COIL	HBS bound screws	84
HEADPHONE	folding ear muffs	136
HERON	anodized aluminium precision level with fluorescent coating	70
HERON ANGLE	digital angle measuring device	71
HERON DGT	digital level with lighted display and acoustic signal	71
HERON XL	horizontal and vertical precision spirit level	70
HESTIA	harness for fall protection	127
HOLD-SYSTEM®	temporary life line	132
HOOK EVO	anchor point	142
HOOK EVO 2.0	anchor point	142
HORIZONTAL NET	horizontal polypropylene fall protection safety net	138
HORNS	carpenter's pry bar	60
INTERMEDIATE	semiprofessional kit for worksites	120
IRIS	harness for fall protection	127
JELLY	painting machine	208
JIG ALU SBD	marking template for ALUMINI and ALUMIDI	35
JIG ALU STA	drilling template for ALUMIDI and ALUMAXI	34
JIG PROFI	template for dovetail	38
JIG ROUTER	template for pocket milling	39
JIG SLOT	template for SLOT milling on the construction site	36
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KAMASU	black-bladed flick-saw	67
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KMR 3338	screwdriver with automatic loader	81
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KMR 3372	loader for screwdrivers	80
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KMR 3418	combi stapler	106
KMR 3426	stapler for staples G	104
KMR 3447	corrugated fastener nailgun	102
KMR 3454	automatic stapler for KG staples	106
KMR 3455	automatic stapler for KG staples	106
KMR 3481	stapler for staples C	104
KMR 3482	stapler for staples K	103
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KMR 3485	pin nailgun	111
KMR 3489	combi stapler	106
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KMR 3516	roofing nailgun 16°	90
KMR 3522	Anker 25° nailgun	86

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KMR 3539	coil nailgun 16°	91
KMR 3551	coil nailgun 16°	90
KMR 3555	strip magazine nailgun 20°	96
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KMR 735347	hammer stapler	114
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KOI	Tajima carpenter's saw	66
KOMPRI CLAMP	expanding tape staple	57
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LATEX	nylon / latex gloves	135
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LINOSTOP	guided type fall arrester on anchor line	128
LIZARD	unwinder for nail point sealing tape	210
LOOP - LOOP XL	anchor point	141
MAMMOTH	special gun for 400 ml cartridges	47
MAMMOTH DOUBLE	special gun for two-component adhesive	47
MANTA	tape wheel, steel	74
MANTIS	lifting belt for transport walls and precast elements	156
MARLIN	cutter Allround	64
MESH	universal rope with winding reel	75
MOBILE RAIL 1	temporary railing for slopes of not more than 10°	139
MOBILE RAIL 2	temporary railing for slopes of not more than 30°	139
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NITRAN	nylon-elastan/nitrile foam gloves	135
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OCTOPUS	lifting eyebolt and percussion nut	157
OVAL	connectors for connection to permanent anchor points	134
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PRIMER	universal primer for acrylic adhesive tapes	56
PRIMER SPRAY	universal spray foundations for acrylic adhesive tapes	56
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PROTECTOR	helmets for workplace safety, for industry and construction	122
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product	description	page
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RESTO KITT	indoor repair putty (to be painted over if used outdoors)	168
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ROLLER	roll for belts	57
ROOF	ladder hook for pitched roofs	137
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ROPE BRAKE	antipanic descender	131
RTHH14B	manual stapler	115
SACK	waterproof bag	121
SCAFFOLD DUO	double arm rope with energy absorber	129
SCISSOR	professional scissor	65
SHIM	compensation and shimming spacers	26
SHIM LARGE	large bioplastic spacers	26
SICUROPE	single arm rope with energy absorber	129
SKORPIO	beam puller	22
SLIM	anchor point for small structures	143
SNAIL	measuring tape	74
SNAIL ALU-WOOD	drill bit for precise holes in timber-to-metal connections	187
SNAIL HSS	twist drill bits for hardwood, melamine-faced boards and other materials	185
SNAIL PULSE	carbide drill bit in HM with sds drill chuck shank	193
SOCKET	socket	45
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TAP1	caps made of red spruce, along grain	172
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TEMPORARY	temporary life line	132
TUCAN	shears for long, straight through cuts	65
VERTICAL NET	lateral polypropylene fall protection safety net	138
VIPER	polyester belt with eyebolts	158
VISOR	visor for helmets	123
WALL	ladder hook for wall	137
WASP	hook for timber elements transport	150
WEB BUILD	polyurethane construction adhesive	50
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WEDGES	levelling wedges	27
WINBAG	inflatable air cushion with hand pump made of fibre-reinforced synthetic material	31
WING	anchor point for work at height and in suspension	143
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- SOUNDPROOFING
- FALL PROTECTION
- TOOLS AND MACHINES

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