

TOOLS FOR TIMBER CONSTRUCTION

TOOLS, SAFETY, TRANSPORT AND MACHINES

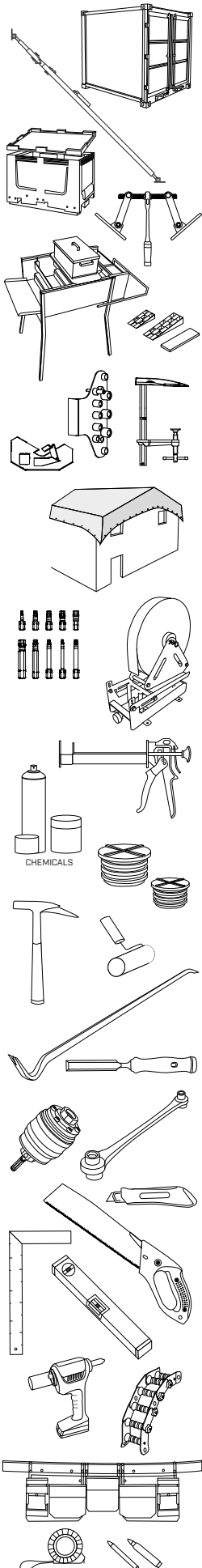


rothoblaas

Solutions for Building Technology

TOOLS

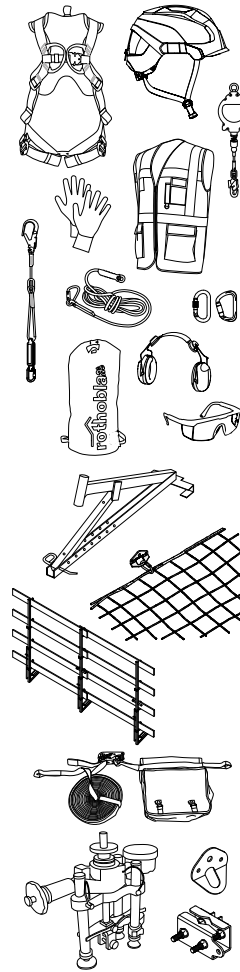
10



CONTAINER.....	12
SHELVA.....	16
RBBOX.....	18
GIRAFFE.....	20
GIRAFFE LITE.....	25
BEAM PULLER AND PANEL PULLER.....	26
JELLY.....	32
LEVELLING WEDGES.....	34
TERRACE CLAMPS.....	37
SCREW CLAMPS.....	38
TEMPLATES.....	40
TARPAULINS FOR ROOFS.....	46
BIT.....	48
ACCESSORIES FOR BITS.....	49
LIZARD.....	51
CARTRIDGE GUNS.....	52
ACCESSORIES FOR CARTRIDGE GUNS.....	56
CONSTRUCTION ADHESIVE.....	59
PRIMER.....	61
PIPE LINK.....	62
ROLLS AND ACCESSORIES.....	64
HAMMERS.....	66
CHISEL.....	67
LIFTING LEVERS.....	68
CRICKET.....	70
BEAR.....	71
TORSMART.....	71
TORQUE LIMITER.....	72
CUTTING TOOLS.....	74
CARPENTRY SAWS.....	76
MARKING TOOLS.....	78
CARPENTER'S SQUARE.....	80
LEVELS.....	81
ARMADILLO.....	83
EDGE PRO.....	83
RIVETER.....	84
POUCH.....	85
MARKING TOOLS.....	86

CONSTRUCTION SITE SAFETY

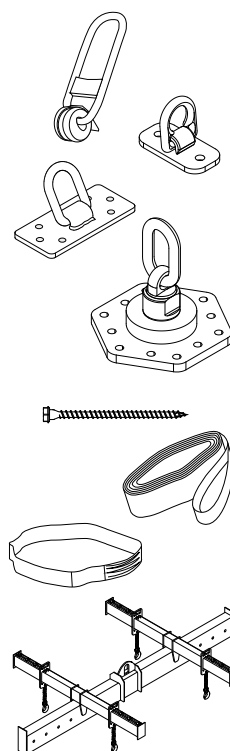
91



HELMETS.....	92
KIT.....	96
STOP DEVICES.....	98
VEST.....	99
GLOVES.....	100
SLING.....	102
TOOLGRAB.....	104
CARABINERS.....	105
ROPES.....	106
EYE AND EAR PROTECTION.....	108
MULE.....	109
TEMPORARY FALL PROTECTION NETS.....	110
TEMPORARY RAILING BARRIERS.....	112
TEMPORARY LIFELINE.....	114
ANCHOR POINTS.....	115
ESTRO.....	118

TRANSPORT AND LIFTING

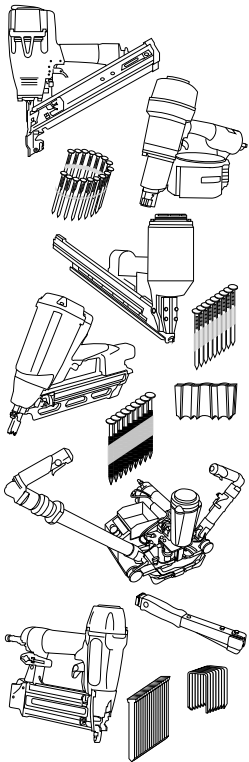
121



WASP.....	124
RAPTOR MINI.....	130
RAPTOR.....	134
RAPTOR MAXI.....	140
VGS PLATE.....	144
ANCHOR DEVICES.....	146
FASTENING STRAPS.....	150
ACCESSORIES FOR LIFTING.....	152

NAILGUNS AND STAPLERS

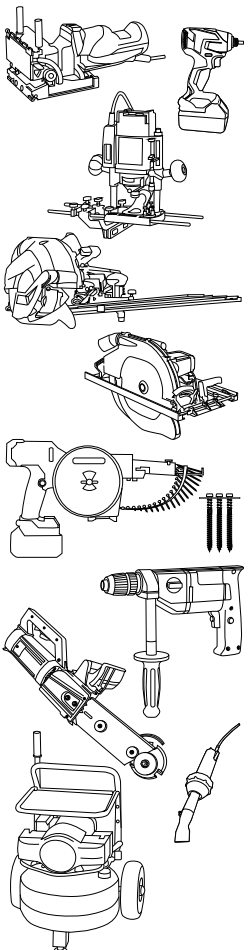
155



ANKER NAILGUNS.....	156
LBA.....	160
LOOSE NAILS.....	162
COIL NAILGUNS, CORD COILS 16°.....	163
STRIP MAGAZINE NAILGUNS.....	172
GAS NAILGUNS.....	174
CORRUGATED FASTENER NAILGUN.....	176
STAPLERS.....	177
SKATER-SYSTEM.....	180
STAPLES.....	182
HAMMER STAPLERS.....	186
PIN NAILGUNS.....	188

POWER TOOLS AND MACHINES

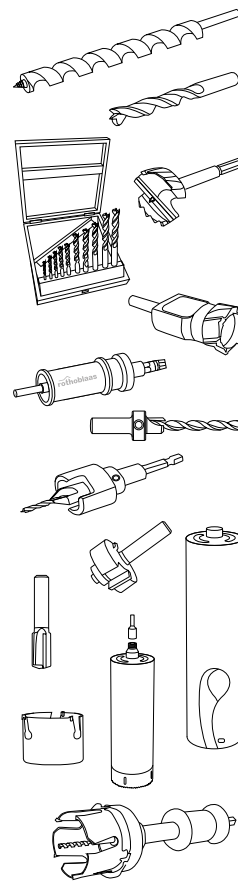
193



CORDLESS SCREWDRIVER.....	194
BST.....	195
DUODOWELERS.....	196
VERTICAL MILLING MACHINES.....	197
LS 103 EC.....	198
SG 230.....	199
MILLING MACHINES AND SAWS.....	200
SAWS.....	202
ERIKA.....	208
S 25 S 35.....	209
TRIOFIT COIL.....	210
SCREWS FOR SCREWDRIVERS.....	212
DRILLS.....	214
BS 160 BS 320 B 220.....	222
PATCHILLO.....	223
PAWA.....	224
CLAW.....	225
PLANER.....	226
HOT GUN.....	227
BAND SAW AND BLADES FOR SAW.....	228
COMPRESSORS.....	230
PUMP SPRAY.....	233

DRILL BITS AND CUTTERS

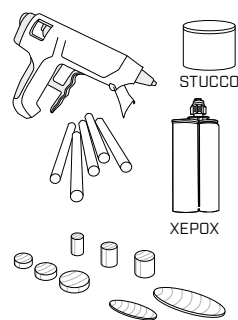
235



LEWIS.....	236
LEWIS STECK.....	238
SNAIL CV.....	239
SNAIL HSS.....	240
BORMAX GUIDE.....	241
SNAIL ALU-WOOD.....	242
SNAIL METAL.....	242
BORMAX 2.0 WS.....	243
BORMAX 3.0 HM.....	244
TAPCUT.....	245
CATCH.....	246
BROAD.....	247
DRILL STOP.....	247
SNAIL PULSE.....	248
DUHXA.....	249
COLUMN.....	250
CUTTERS.....	251
LB HOLE CUTTER.....	252
HSS HOLE CUTTER.....	255
LH CUTTER.....	256
LFA CUTTER.....	257
PUMPSHANK.....	257

WOOD REPAIR

259



WOOD REPAIR.....	260
XEPOX.....	264
TIMBER CAPS.....	268
NAILS AND PLUGS.....	270
FLI.....	271

CONTENTS



ROTHOBLAAS REPAIR SHOP

For over 20 years, our qualified repair shop technicians have been servicing the machines that we retail. They do so with competence and reliability, combining technical precision and a sense of responsibility to offer a prompt service and ensure the continued performance and durability of the machines.

Periodic inspections of PPE are carried out in the workshop to ensure their safety and compliance.

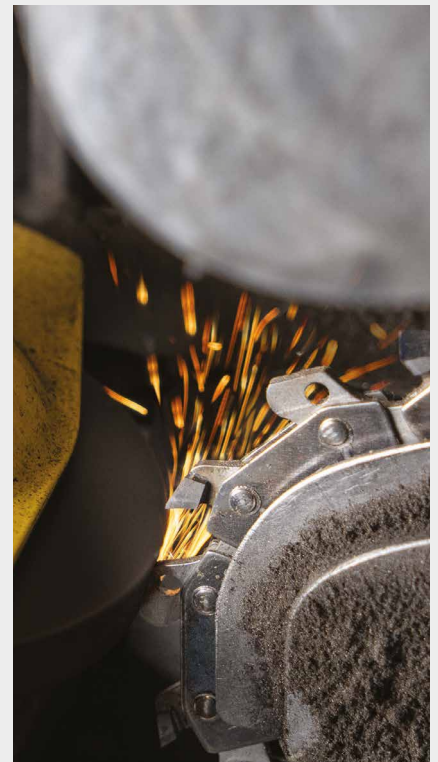
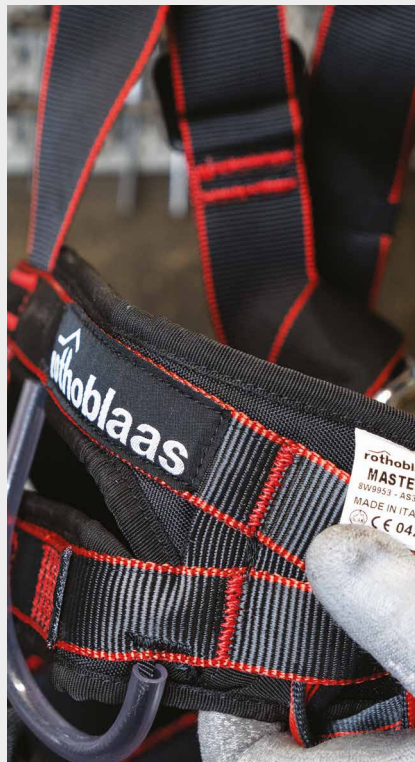
**ASSISTANCE AND REPAIR OF ELECTRIC TOOLS
AND CARPENTRY MACHINES**

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:**





TOOLS

CONTAINER	12
SHELVA	16
RBBOX	18
ASSEMBLY SUPPORT	
GIRAFFE	20
GIRAFFE LITE	25
BEAM PULLER AND PANEL PULLER	
SKORPIO	26
GEKO	28
GEKO MINI	30
GEKO MAXI	31
JELLY	32
LEVELLING WEDGES	
SHIM	34
SHIM LARGE	34
WEDGES	35
STAR	35
NAG	36
SHIM SLOT	36
TERRACE CLAMPS	
CRAB MINI	37
CRAB MAXI	37
SCREW CLAMPS	
PINCER MONO	38
PINCER LEVER	38
PINCER TIP	39
GRIZZLY	39
TEMPLATES	
JIG VGZ 45°	40
JIG ALU STA	42
JIG PROFI	43
JIG VGU	44
JIG ALUMEGA	45
JIG ROUTER	45
TARPAULINS FOR ROOFS	
CAP TOP	46
CAP PLUS	47
CAP ECO	47
BIT	48

ACCESSORIES FOR BITS		CRICKET	70
BIT STOP	49	BEAR	71
ANGLE	49	TORSMART	71
SOCKET	50	TORQUE LIMITER	72
LIZARD	51		
CARTRIDGE GUNS		CUTTING TOOLS	
FLY	52	MARLIN	74
FLY SOFT	52	CUTTER	74
MAMMOTH	53	WINGS	75
MAMMOTH DOUBLE	53	CANARY	75
FLY POWER	54		
FLY SOFT POWER	54	CARPENTRY SAWS	
MAM400 POWER	55	KOI	76
MAMDB POWER	55	FUGU	76
		KAMASU	77
		LAMA	77
ACCESSORIES FOR CARTRIDGE GUNS			
STING	56	MARKING TOOLS	
BRUH	56	BEAVER	78
PLU	57	PEACOCK	78
PONY	57	BEEKIT	78
FLY FOAM	58	PEACOCK DUO	79
FOAM CLEANER	58	EMU	79
		FLAMINGO	79
CONSTRUCTION ADHESIVE			
WEB BUILD	59	CARPENTER'S SQUARE	
WEB PU	59	KIWI	80
FROG	60	MISULASER	80
PRIMER		LEVELS	
PRIMER SPRAY	61	HERON	81
PRIMER	61	HERON XL	81
BYTUM PRIMER	61	HERON DGT	82
PIPE LINK	62	HERON ANGLE	82
		ARMADILLO	83
		EDGE PRO	83
ROLLS AND ACCESSORIES			
SPEEDY ROLL	64	RIVETER	
MEMBRANE ROLL	64	FINCH	84
ROLLER	65	BIRD	84
KOMPRI CLAMP	65	POUCH	85
HAMMERS		MARKING TOOLS	
PICARD 790	66	RBMET	86
PICARD 600	66	SNAIL	86
CHISEL	67	MANTA	86
		MESH	87
		BRANCH	87
LIFTING LEVERS		PARROT	87
TALON ANKER	68	COSMOS	88
GORILLA NAIL	68	CHAMELEON	88
ANT	69	POWDER	88

CONTAINER

PORTABLE STORAGE FOR THE WORKSITE

PRACTICAL

Protects tools and construction materials, and safeguards machines, keeping them secure and dry.

ORGANISED

The shelving (optional) allows tools and products to be stored neatly, in an easily accessible manner.

RENTABLE

The container can also be rented on a monthly basis.



CHARACTERISTICS

SIZES	up to 2,44 x 2,20 x 2,26 m 8' x 7' 3" x 7' 5"
CAPACITY	450-630 kg 990 - 1390 lbs
OPTIONAL EQUIPMENT	electrical system, shelving unit, tilting table
VERSIONS	purchasable / rentable



MATERIAL

The outer structure is made of sturdy sheet metal. The hinged door is fitted with galvanized locking rods. The floor consists of a 21 mm plywood panel. The container comes complete with angle brackets and a forced ventilation system. It features two forklift slots spaced 900 mm apart.

FIELDS OF USE

It can be used as a storage unit for materials or as an on-site staff room.



DIMENSIONS

Standard dimensions perfect for transport.

ACCESSORIES

Available in two sizes; it can also be fitted with an electrical system and shelving.

LC6

SMALL CONTAINER WITHOUT ELECTRICAL SYSTEM

CODES AND DIMENSIONS

CODE	B	L	H	B	L	H	empty weight		payload	
	[m]	[m]	[m]	[ft]	[ft]	[ft]	[kg]	[lbs]	[kg]	[lbs]
RENTCONT6(*)	1,97	1,98	1,91	6' 5"	6' 6"	6' 3"	450	990	2000	4400
RBCONT6	1,97	1,98	1,91	6' 5"	6' 6"	6' 3"	450	990	2000	4400

(*) Rentable.



LC8

LARGE CONTAINER WITHOUT ELECTRICAL SYSTEM

CODES AND DIMENSIONS

CODE	B	L	H	B	L	H	empty weight		payload	
	[m]	[m]	[m]	[ft]	[ft]	[ft]	[kg]	[lbs]	[kg]	[lbs]
RENTCONT8(*)	2,20	2,44	2,25	7' 2"	8' 1/8"	7' 4"	630	1390	3500	7700
RBCONT8	2,20	2,44	2,25	7' 2"	8' 1/8"	7' 4"	630	1390	3500	7700

(*) Rentable.

LC8 L

LARGE CONTAINER WITH ELECTRICAL SYSTEM

CODES AND DIMENSIONS

CODE	B	L	H	B	L	H	empty weight		payload	
	[m]	[m]	[m]	[ft]	[ft]	[ft]	[kg]	[lbs]	[kg]	[lbs]
RENTCONT8L(*)	2,20	2,44	2,25	7' 2"	8' 1/8"	7' 4"	630	1390	3500	7700
RBCONT8L	2,20	2,44	2,25	7' 2"	8' 1/8"	7' 4"	630	1390	3500	7700

(*) Rentable.



Would you like to equip your container with shelving to better organise construction materials, especially screws?

Add the **SHELVA** shelving system to the 8-foot container. Each shelf fits one of the inner sides, allowing all materials to be neatly arranged.

See shelf details on page 16.

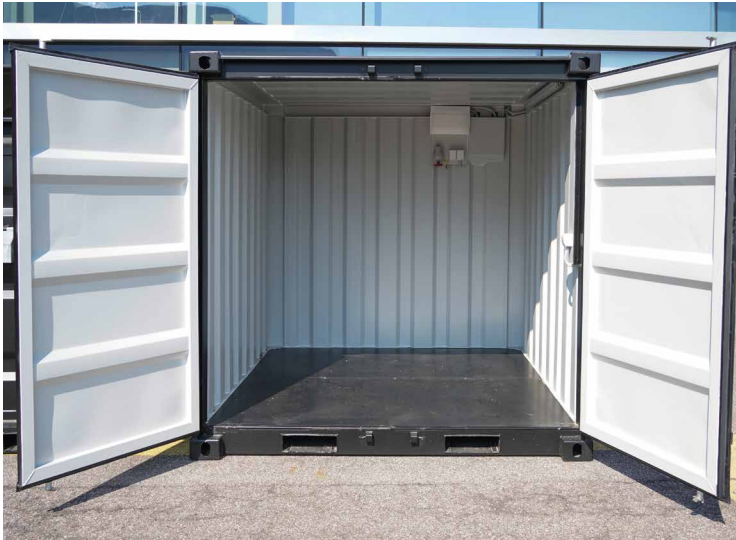
ELECTRICAL SYSTEM:

- Compliant with DIN VDE 400V/32A, CEE power supply
- A fuse box with RCD, 16A/10A fuses
- 1 linear LED light, 40W
- 1 Schuko double socket, 1x 32A socket
- 1 light switch next to the door

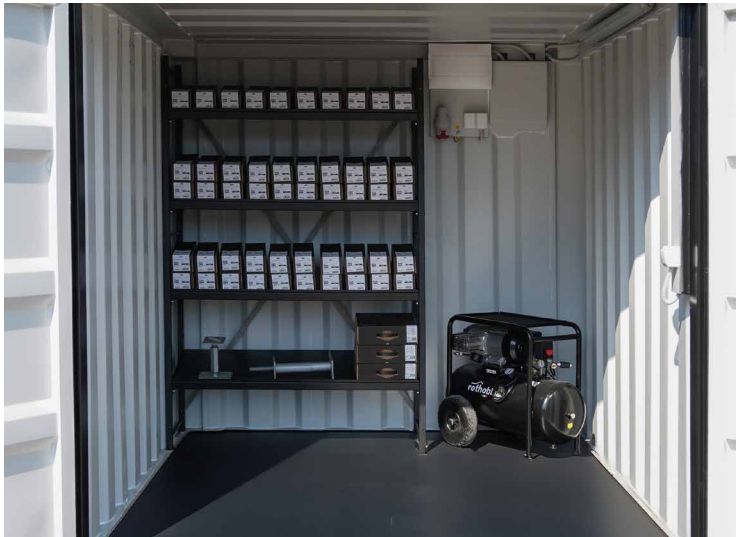
NOTES:

- The indicated dimensions refer to the external overall size
- Minimum rental period: 3 months
- Rent is invoiced every 6 months
- Transport cost is charged with the first and last invoice

CONTAINER LC6 + LC8 + LC8 L



SHELVA SHELVING COMBINED WITH LC8 + LC8 L CONTAINERS



ELECTRICAL SYSTEM FOR CONTAINER LC8 L



SHELVA

SHELVING FOR SCREWS AND MATERIALS

FOR LARGE QUANTITIES OF MATERIALS

Wide and stable shelves, ideal for organising and storing boxes of screws and other materials.

ADJUSTABLE SHELVES

Three possible positions: one horizontal and two angled, to be selected based on need. The side edges prevent items from falling off.

EXPANDABLE SYSTEM

Modular extension on both sides using just one additional upright and matching shelves. No limits to configuration.



MATERIAL

Made entirely of steel, the shelf is sturdy, durable and meets the needs of the most demanding professionals. The black coating provides effective protection against corrosion.

QUICK AND EASY TO ASSEMBLE

Only one screw is needed for all screwed joints. One shelf takes less than 5 minutes to assemble.

CODES AND DIMENSIONS

CODE	description	L	H	B	L	H	B	weight		pcs
		[cm]	[cm]	[cm]	[in]	[in]	[in]	[kg]	[lbs]	
SHELVA	shelving system complete with 4 shelves	120	200	60	47 1/4	78 3/4	78 3/4	43,1	950	1

GEOMETRY



COMPLEMENTARY PRODUCTS - ACCESSORIES



	CODE	description	weight		pcs
			[kg]	[lbs]	
1	SHELVABOARD	single additional shelf	7,0	15.4	1
2	SHELVAEXT	side extension set consisting of 1 upright, cross brace without shelves	8,8	19.4	1
3	SHELVATOP	top extension set consisting of 2 short uprights, cross brace without shelves	7,5	16.5	1

Each component comes with the necessary fastening screws.

RBBOX

CONTAINER

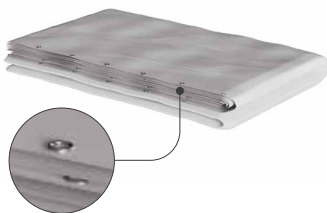
- Perfect for storing materials and tools, protected from moisture
- Light and manoeuvrable
- Made of durable and stable plastic material



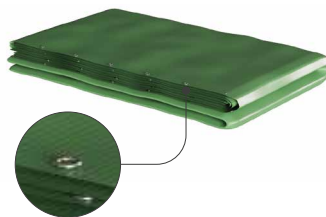
CODES AND DIMENSIONS

CODE	B	L	H	B	L	H	weight		capacity	
	[cm]	[cm]	[cm]	[in]	[in]	[in]	[kg]	[lbs]	[kg]	[lbs]
RBBOX	30	80	10	11 3/4	31 1/2	4	29,4	64.8	500	1100

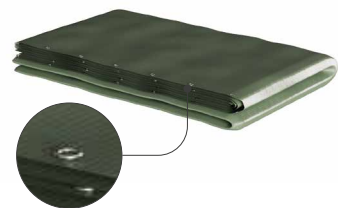
■ CAP TOP TARPAULIN FOR ROOFS



■ CAP PLUS TARPAULIN FOR ROOFS



■ CAP ECO TARPAULIN FOR ROOFS



See the product on page 46



rothoblaas

rothoblaas
Solutions for Building Technology

rothoblaas

rothoblaas

rothoblaas

rothoblaas

rothoblaas

rothoblaas

rothoblaas

rothoblaas

OBEN

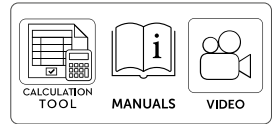
A
2L

KEPOXP
PRIMER
B
1L

CE
480
1.8 x 2.28
2500
480
1.8 x 2.28
2500
480
1.8 x 2.28
2500

GIRAFFE

ASSEMBLY SUPPORT



PRACTICAL

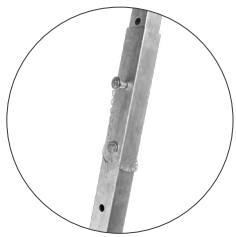
For quick and easy assembly of walls and floors made of timber elements.

PRECISE

Quick adjustment with automatic lock.

LENGTH

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



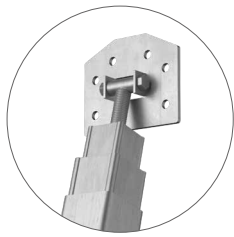
GIR2200
GIR4000
GIR6000



GIR2200
GIR3000
GIR4000



GIR3000



GIR6000



GIR451000



GIR451000

GIR2200

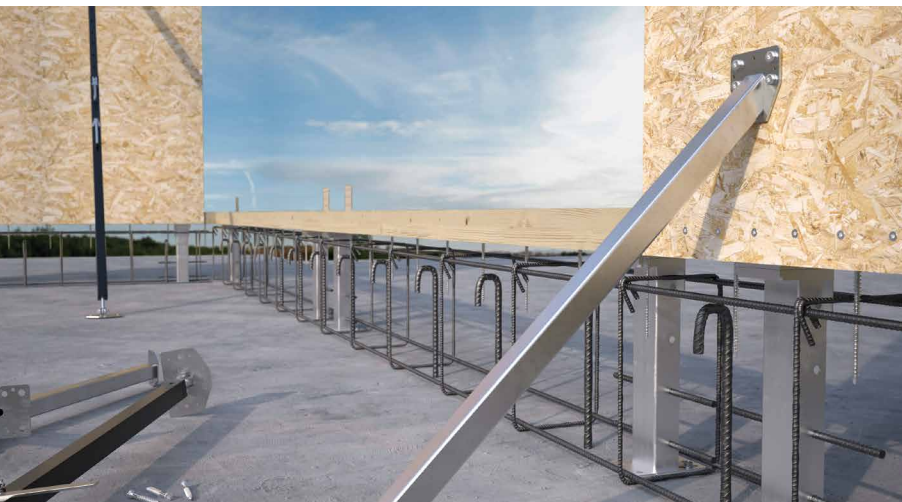
GIR3000

GIR4000

GIR6000

VIDEO

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



MATERIAL

GIR3000, GIR4000 and GIR451000 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, ideal even in case of distant elements extending over two storeys.

QUICK ASSEMBLY WITH CLICK PLATE

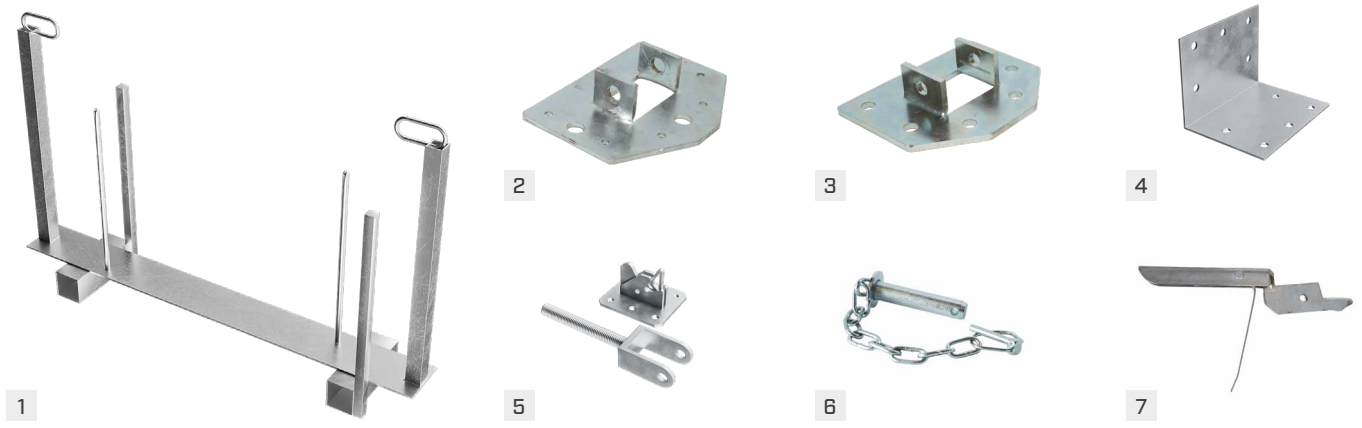
With the new optional click plate, the assembly support can be secured to the top point without the use of ladders. This saves time during installation and improves safety.

CODES AND DIMENSIONS

CODE	length		profile		weight		adjustment		pcs
	[mm]	[ft]	[mm]	[in]	[kg]	[lbs]	[mm]	[in]	
GIR451000	1000	3.28	40x40	1.57x1.57	2,8	6.1	not adjustable		1
GIR2200	1180 - 2200	3.87 - 7.22	40x40 / 35x35	1.57x1.57 / 1.53x1.53	3,3	7.4	100 + 100	3.94 + 3.94	1
GIR3000(*)	1750 - 3000	5.74 - 9.84	40x40 / 35x35	1.57x1.57 / 1.53x1.53	9,8	21.6	100 + 100	3.94 + 3.94	1
GIR4000	1750 - 4000	5.74 - 13.12	45x45 / 40x40 / 35x35	1.77x1.77 / 1.57x1.57 / 1.53x1.53	13,0	28.7	100 + 100	3.94 + 3.94	1
GIR6000	2120 - 6000	6.96 - 19.70	80x80 / 68x68 / 55x55	3.15x3.15 / 2.68x2.68 / 2.16x2.16	27,0	59.5	135 + 135	5.31 + 5.31	1

(*) With locking stop.

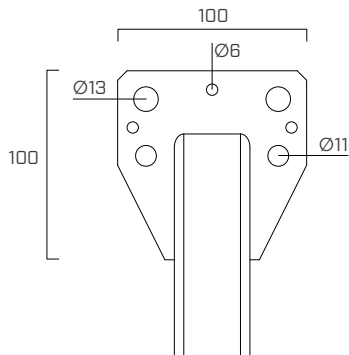
COMPLEMENTARY PRODUCTS - ACCESSORIES



CODE	description	pcs
1 GIRHOLDER	transport element compatible with 20x GIR3000, 20x GIR4000 or 8x GIR6000	1
2 GIRPLATE	small spare plate (without threaded rod)	1
3 GIRPLATEL	large spare plate (without threaded rod)	1
4 GIRPLATE90	spare plate with 90° edge	1
5 GIRPLATECLICK	plate with quick-attachment system for GIR6000	1
METSP22	spare dowel for GIR2200	1
6 METSP	spare dowel for GIR4000	1
METSP6	spare dowel for GIR6000	1
7 METL	lever stop with spare pin for GIR3000	1

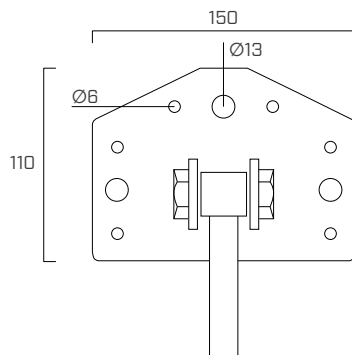
GEOMETRY

ANCHOR PLATE



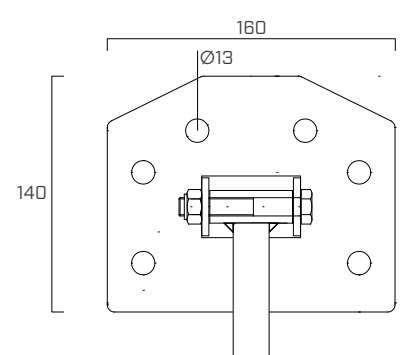
GIR451000

plate thickness		Ø hole		no. of holes
[mm]	[in]	[mm]	[in]	
4	0.157	Ø6	0.24	3
		Ø11	0.43	2
		Ø13	0.51	2



GIR2200/GIR3000/GIR4000

plate thickness		Ø hole		no. of holes
[mm]	[in]	[mm]	[in]	
4	0.157	Ø6	0.24	6
		Ø13	0.51	3

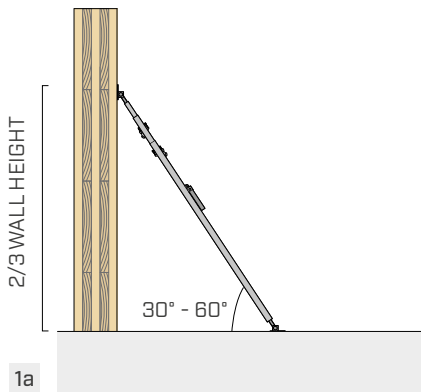


GIR6000

plate thickness		Ø hole		no. of holes
[mm]	[in]	[mm]	[in]	
4	0.157	Ø13	0.51	6

GIRAFFE INSTALLATION

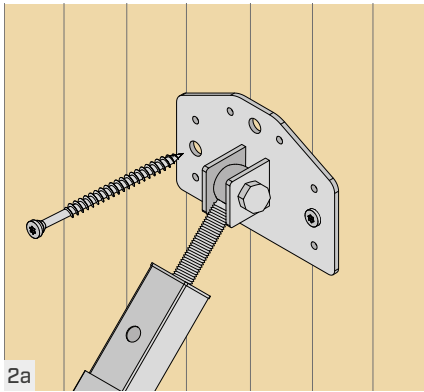
POSITIONING



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°.

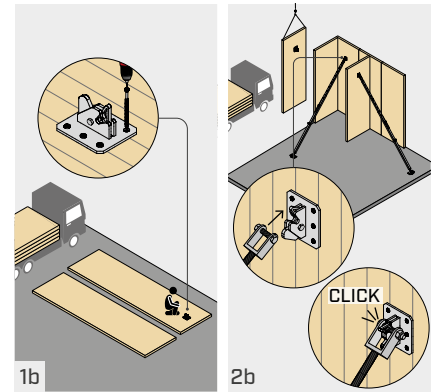
FASTENING

HBS PLATE Ø10



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

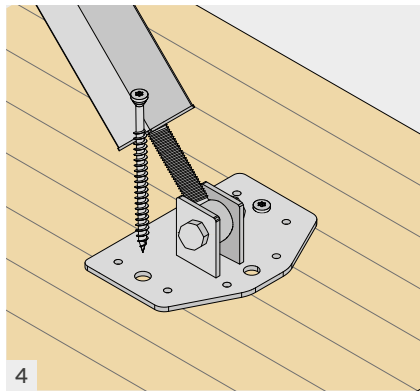
CLICK-IN ASSEMBLY SYSTEM



1b. The CLICK plate must be installed in the upper third of the wall before assembly.
2b. To install and secure GIRAFFE with the CLICK plate, simply click the assembly support into place, without the need for additional screws.

TIMBER FLOOR

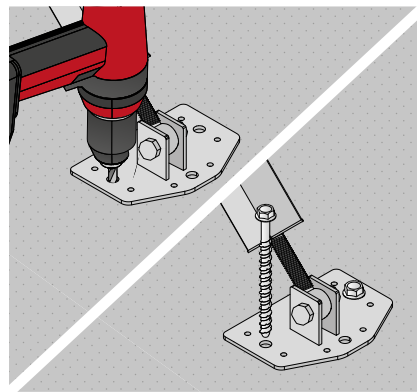
HBS PLATE Ø10



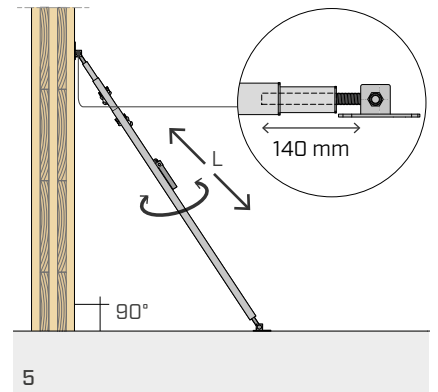
Fix the GIRAFFE plate to the timber floor using the HBS PLATE screws and to the concrete floor using SKR anchors.

CONCRETE FLOOR

SKR Ø12



POSITIONING



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

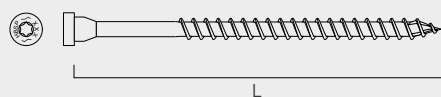
STORAGE:

After use on site, ensure the assembly support is dry before storage. If necessary, apply a lubricant or protective oil.



CONNECTORS:

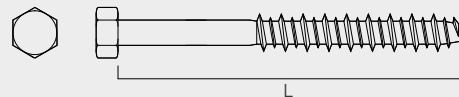
JOINT ON TIMBER - HOLES Ø13



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



JOINT ON CONCRETE - HOLES Ø13



SKR Ø12 - Screw anchor for concrete
L = 90 - 400 mm*

* The choice of connector length must be evaluated on a case-by-case basis, depending on the dimensions of the element to be supported, the type of support the GIRAFFE is used on, and the magnitude of the load to be sustained.

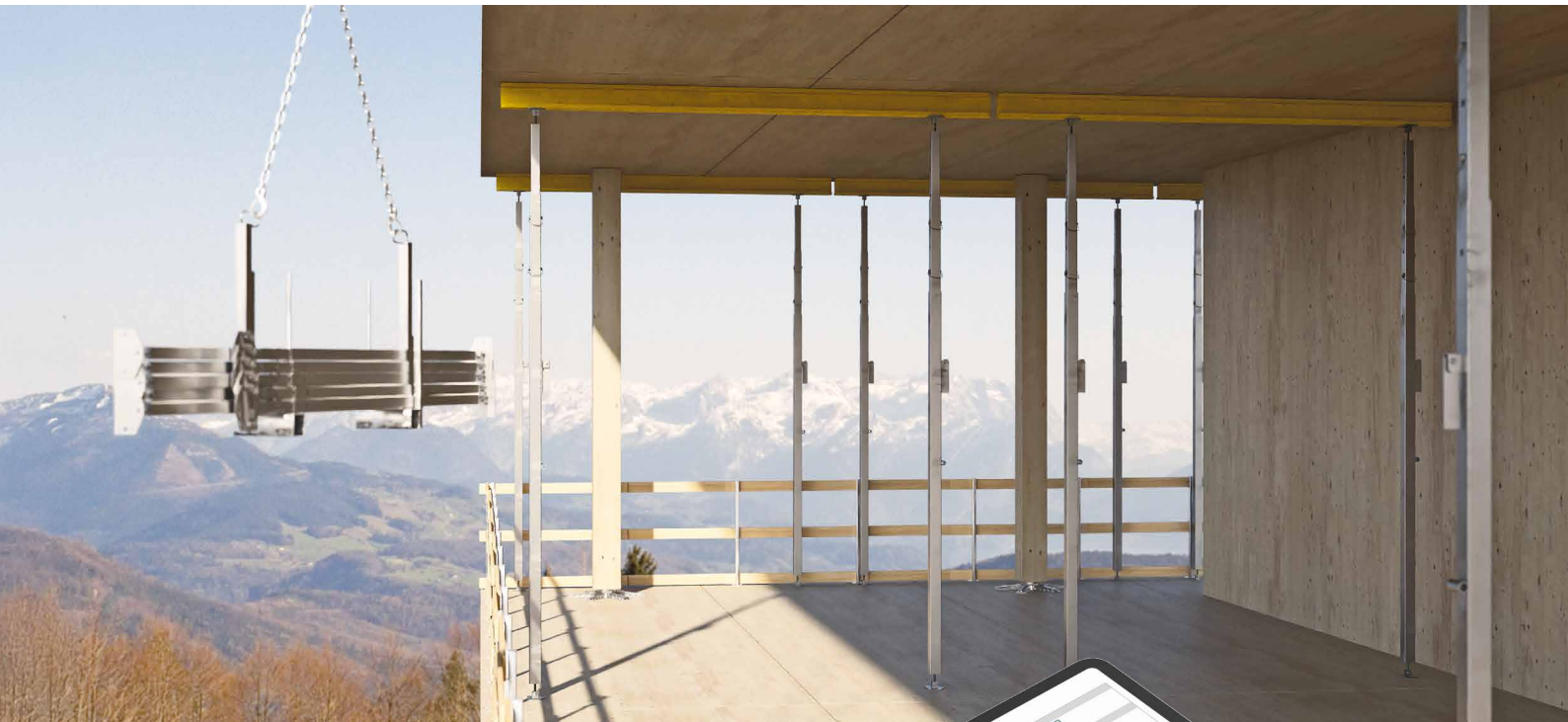
STRUCTURAL VALUES*

		GIR451000	GIR2200	GIR3000			GIR4000			GIR6000			
deflection	[m]	1,00	2,20	1,75	2,40	3,00	1,75	2,85	4,00	3,00	4,00	5,00	6,00
	[ft]	3.3	7.2	5.7	7.9	9.8	5.7	9.4	13.1	9.8	13.1	16.4	19.7
R _{max}	[kN]	17,5	5,0	20,8	14,6	6,1	29,6	14,2	4,5	59,4	29,7	16,1	7,0
	[lbf]	3930	1125	4676	3282	1371	6654	3192	1011	13353	6677	3619	1573

(*) The values indicated refer to the load capacity in the direction of the axis of the assembly support and have been determined based on tests and calculations. The values apply to both compressive and tensile forces and already include a safety factor. Wall and floor fastenings must be verified separately.

NOTES:

- Load capacities have been determined according to standards EN 1995:2014, EN 1993:2005 and in compliance with certificate ETA-11/0030 and conducted tests. The load values refer exclusively to the specified assembly support, type of fastening and inclination angle.
- When fastening the bottom or top plate, the maximum permissible screwing torque of the fastenings elements must be observed.
- 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 1995-1-1.



GIRAFFE CALCULATOR

With the new calculation software, you can:

- **Create customised configurations**, quickly and easily.
- Calculate fastenings in concrete slabs using the dedicated additional module.

GIRAFFE CALCULATOR is a unique, user-friendly platform that is always available.



Available at rothoblaas.com



rothoblaas

Solutions for Building Technology

GIRAFFE LITE

ASSEMBLY SUPPORT WITH TENSIONER FOR LIGHTWEIGHT ELEMENTS

- Support to be used with a timber profile (min. 60 x 60 mm), allowing free determination of the overall bracket length
- Thanks to the included threading, the length can be adjusted by up to 100 mm. Suitable for both compressive and tensile forces
- A lightweight and cost-effective solution for temporary support of elements. The timber profiles and GIRLITE can be reused after disassembly. Both are easy to transport

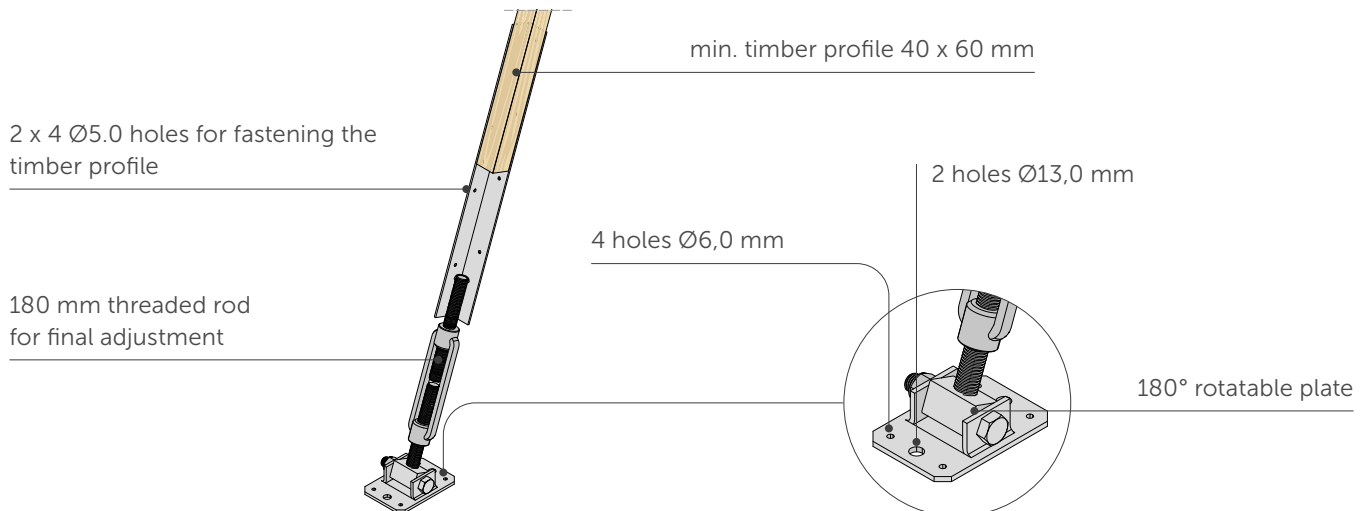


CODES AND DIMENSIONS

CODE	description	weight		pcs
		[kg]	[lbs]	
GIRLITE	tensioner assembly support	3,1	6.8	1

The load-bearing capacity depends on the timber profiles used, their length and installation angle. A dedicated calculation tools is available at www.rothblaas.com.

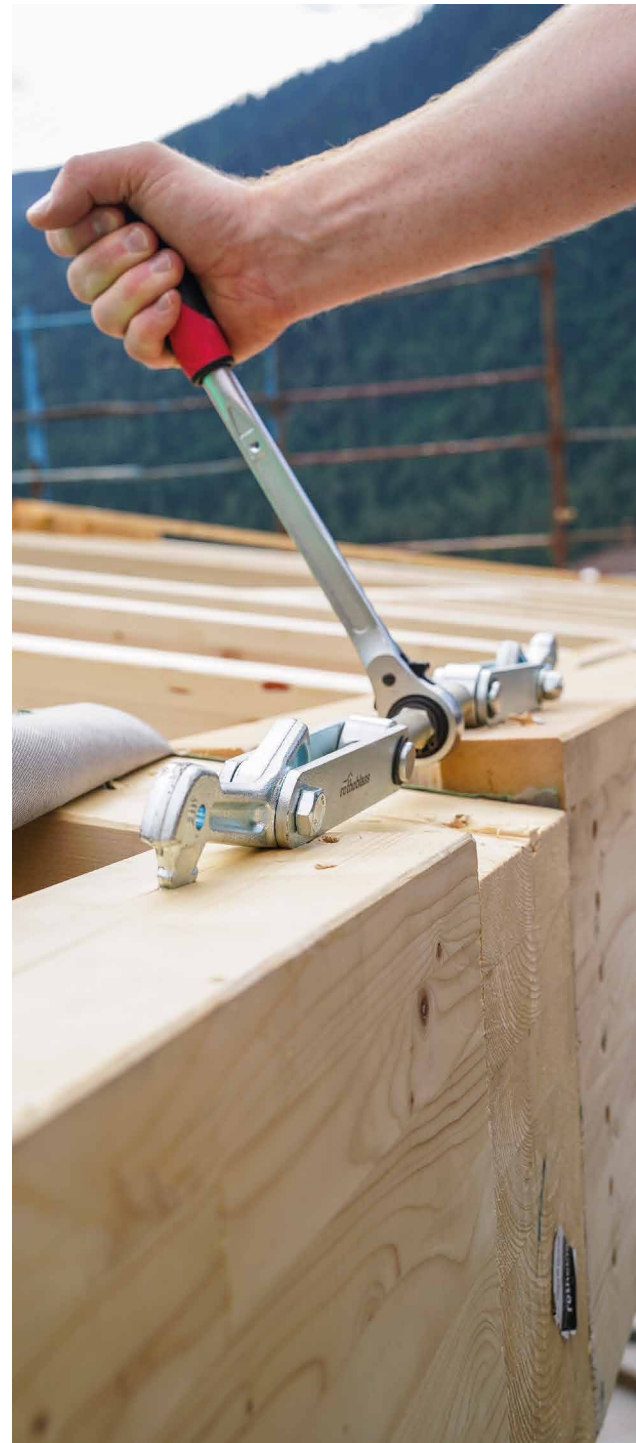
GEOMETRY



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
- Compatible with GEKO: the two products are interchangeable thanks to the shared base



CODES AND DIMENSIONS

CODE	description	pcs
SKORPIO	beam puller	1

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
SKORPIOS	zinc plated spare hook	1
CLAMP1	ratchet for perforated strap	1



MATERIAL

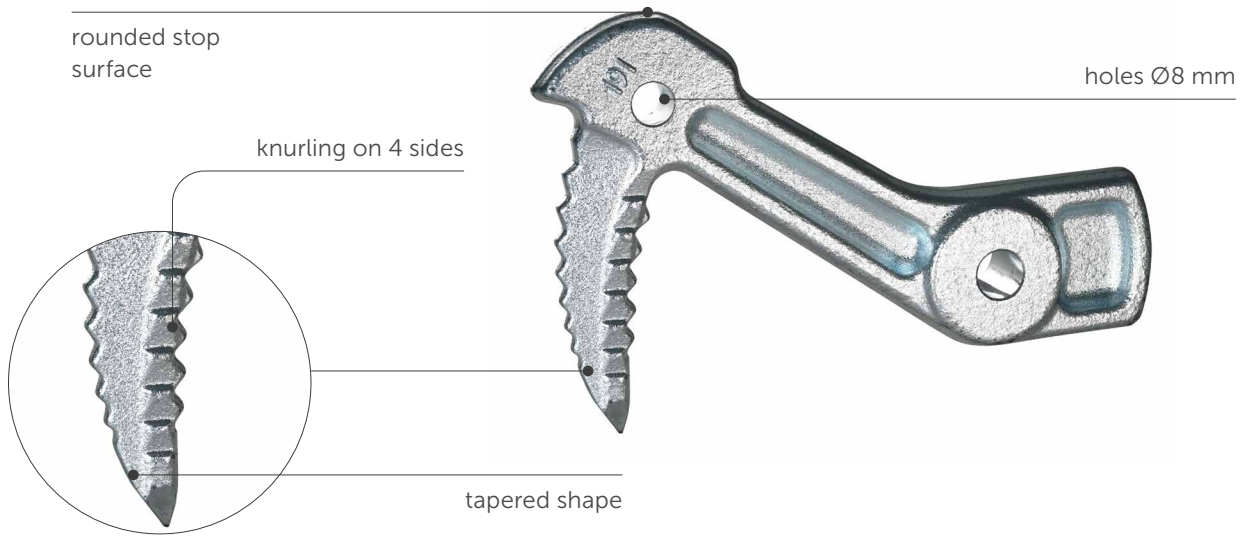
Zinc plated steel hooks. Zinc plated cast steel ratchet with ergonomic PVC handle.

FIELDS OF USE

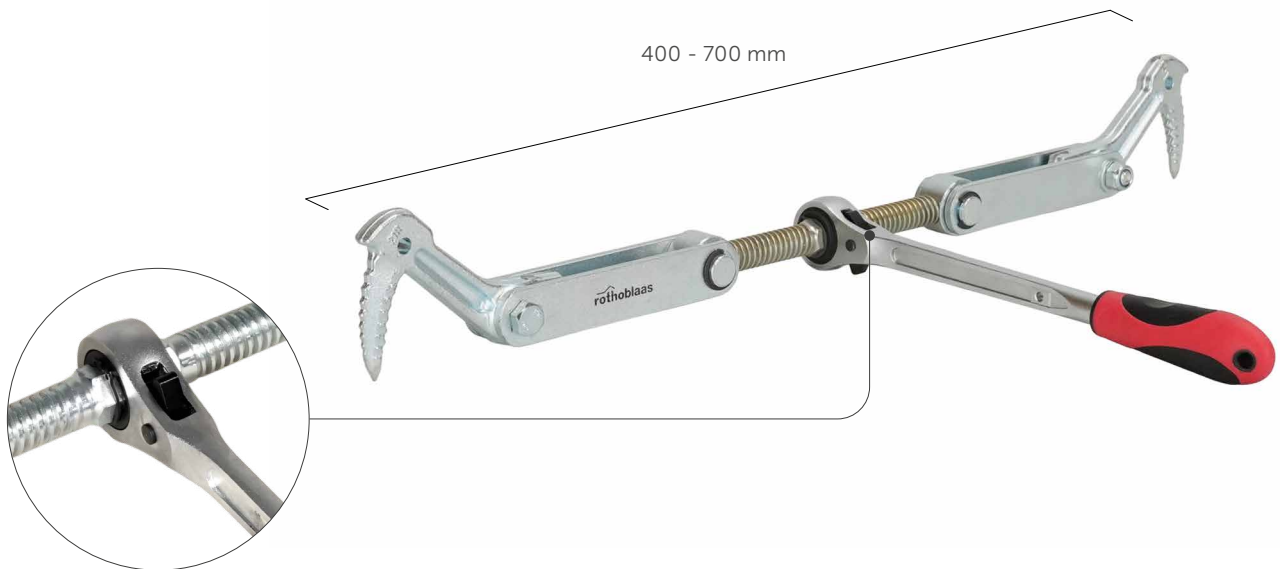
For press-fit connection of multiple elements: solid timber, CLT, beams, walls, floors. CLAMP1 optional for fastening perforated plates and bracings.

INNOVATIVE HOOK WITH KNURLING ON 4 SIDES

Zn
ELECTRO
PLATED



REVERSIBLE RATCHET WITH STURDY SLOW PITCH THREAD



LOOSENING

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

GEKO

PANEL PULLER

- For the precise assembly of solid timber panels, stacked board floors, lamellar elements and more
- 360° rotating plates enable use even in hard-to-reach areas, such as corners and roof slopes
- Compatible with SKORPIO: the two products are interchangeable thanks to the shared base

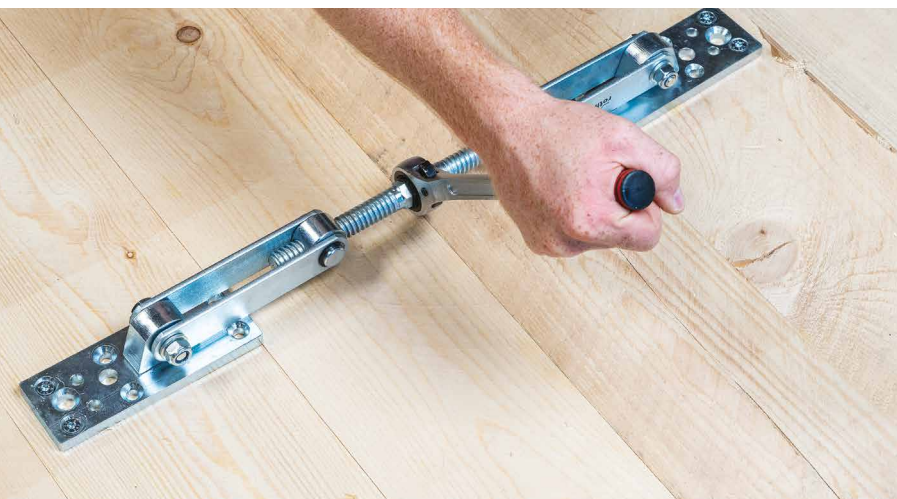
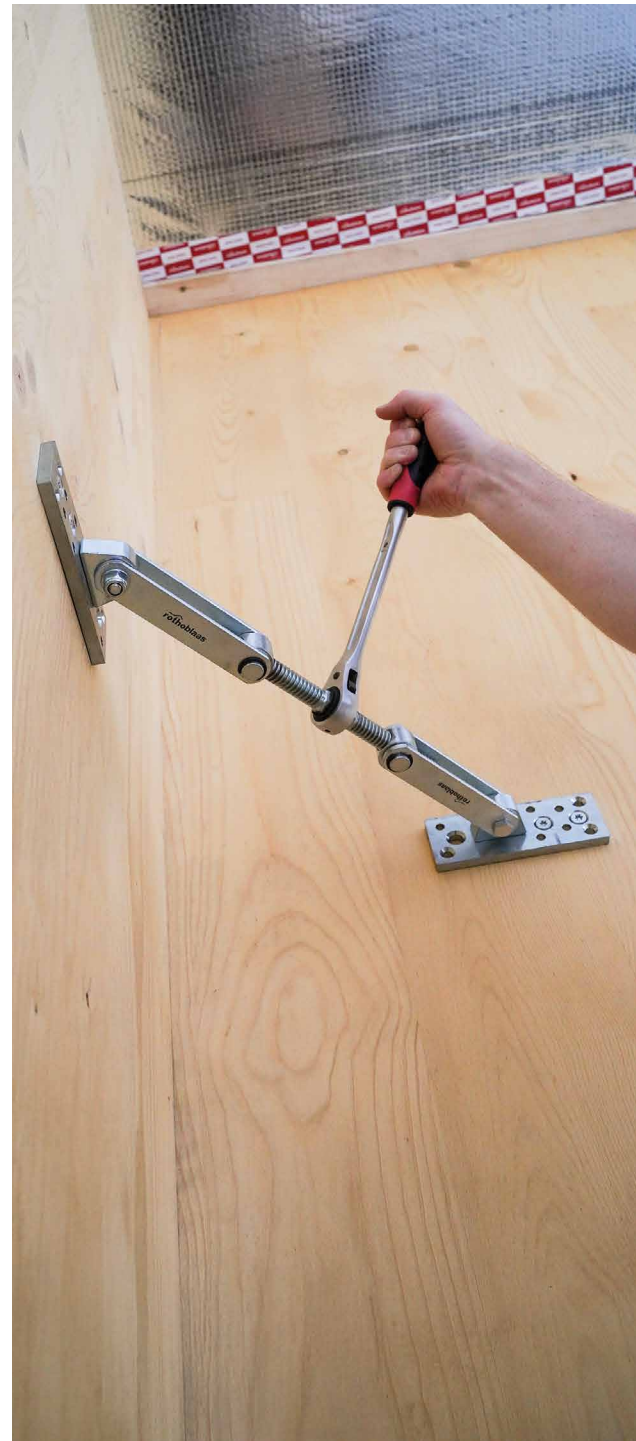


CODES AND DIMENSIONS

CODE	description	pcs
GEKO	panel puller	1

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
GEKOP	60 x 160 mm 2 3/8" x 6 1/4" zinc plated spare plates	1
CLAMP1	ratchet for perforated strap	1



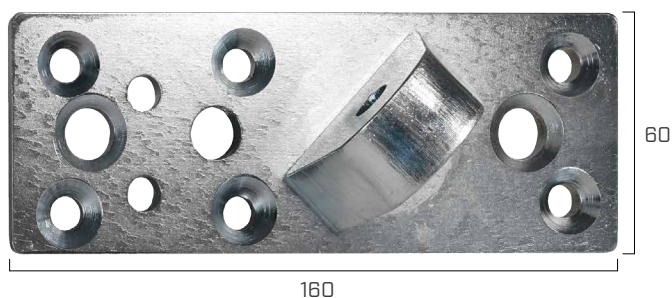
360° SWIVEL

The rotating plates can be fixed in any position and easily adapt to all types of assembly.

RESPECTS MATERIALS

GEKO is installed in a few simple steps thanks to the fastening screws. Its use leaves minimal marks on the element.

GEOMETRY

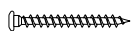


POSSIBLE LAYOUT OF SCREWS

HBS Ø6 mm | Ø8 mm



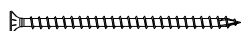
LBS Ø7 mm



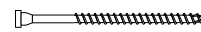
HBS Ø10 mm | Ø12 mm



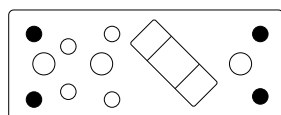
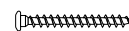
VGS Ø11 mm



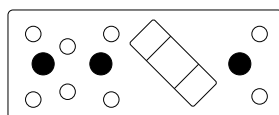
HBSP Ø5 mm



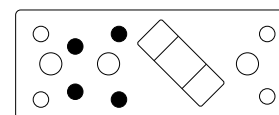
LBS Ø7 mm



4x countersunk
holes Ø8 mm



3x countersunk
holes Ø12 mm



4x cylindrical
holes Ø8 mm

REVERSIBLE RATCHET WITH STURDY SLOW PITCH THREAD



CLAMP1 OPTIONAL TENSIONER FOR BRACING

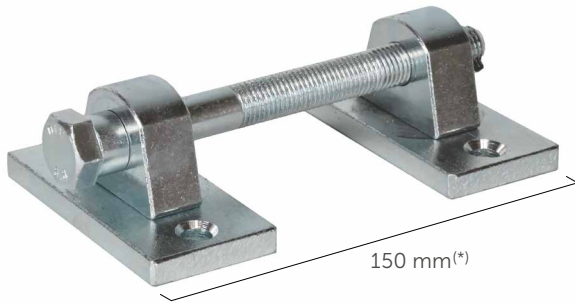
With the easy-to-assemble CLAMP1 accessory, it is also possible to tension perforated plates and tapes.

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

GEKO MINI

SMALL PANEL PULLER

- Compact panel puller for everyday use, suitable for timber frame construction, interior fittings, staircases, and doors and windows
- Full rotation allows GEKO MINI to adapt easily in any direction, even on complex surfaces
- The CRICKET ratchet serves as a handle
- Only one CRICKET is needed to install all the GEKOMINIs required for the project. Must be ordered separately.



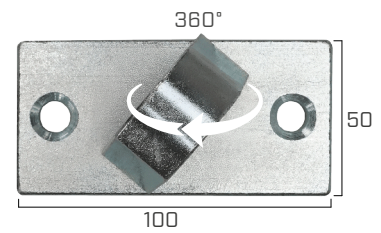
(* Maximum extension capacity.

CODES AND DIMENSIONS

CODE	description	pcs
GEKOMINI	small panel puller	1

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
GEKOMINIP	spare plate for GEKOMINI	1

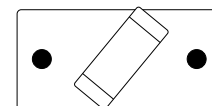
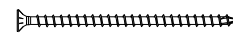


POSSIBLE LAYOUT OF SCREWS

HBS Ø8 mm



VGS Ø9 mm



2x countersunk holes Ø10,5 mm

CRICKET

8 SIZES RATCHETING WRENCH



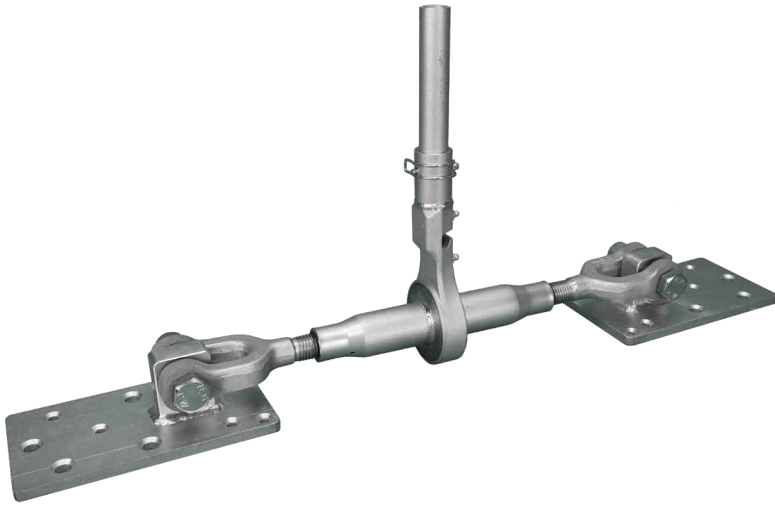
CODE	dimensions/thread [SW/M]	length [mm]	pcs
CRICKET	10/M6 - 13/M8	340	1
	14/(M8) - 17/M10		
	19/M12 - 22/M14		
	24/M16 - 27/M18		

See the product on page 70

GEKO MAXI

LARGE PANEL PULLER

- Tensile force up to 7 tonnes
- Performance varies depending on the number and length of the screws
- Suitable for large and heavy components

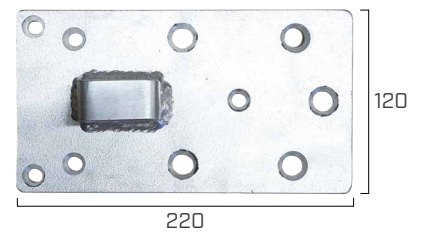


CODES AND DIMENSIONS

CODE	description	pcs
GEKOMAXI	large panel puller	1

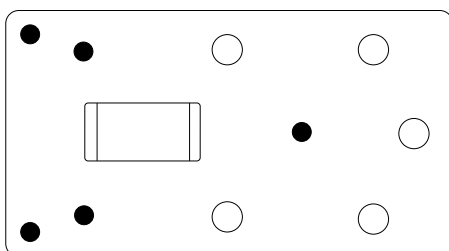
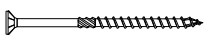
COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
GEKOMAXIP	spare plate for GEKOMAXI	1



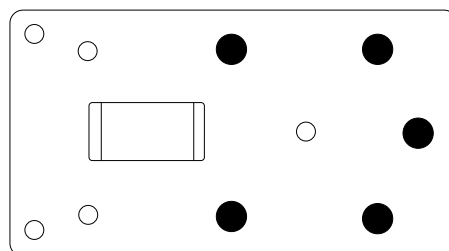
POSSIBLE LAYOUT OF SCREWS

HBS Ø10 mm



5x countersunk holes Ø11 mm

HBS Ø12 mm



5x cylindrical holes Ø13 mm

JELLY

PAINTING MACHINE

PRACTICAL

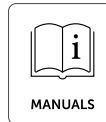
It allows to apply the impregnating agent on timber elements quickly and easily on 1, 2, 3 or 4 sides at the same time.

EFFECTIVE

Two operators can apply the impregnating agent to up to 200 m² per hour, treating all four sides simultaneously.

EFFICIENT

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



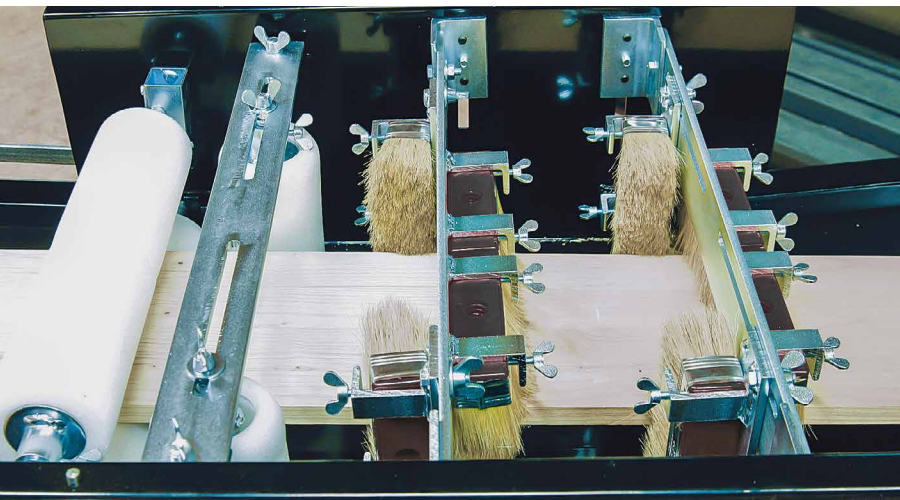
CODES AND DIMENSIONS

CODE	description	dimensions	weight	pcs
		L x B x H [cm] [in]		
JELLY	complete automatic painting machine	70 x 61 x 127 27 1/2 x 24 x 50	50 110	1



VIDEO

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






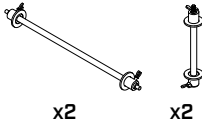
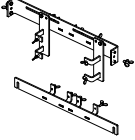
MATERIAL


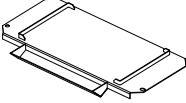
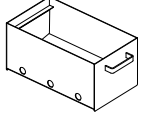
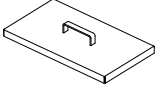
Made with robust components for ensuring greater durability.
All wear parts can be replaced quickly and easily, without the use of tools.

FIELDS OF USE

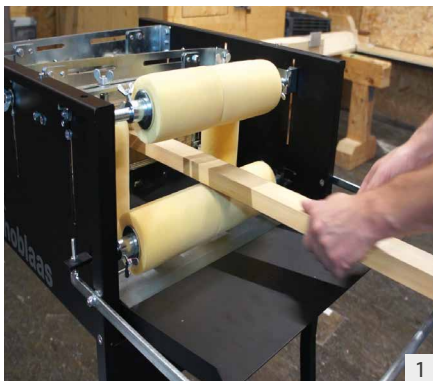
For the application of various types of paints, coatings and impregnating agents on battens, boards and planks with a viscosity of <60 sec. Not suitable for paints with a high solvent content.

COMPLEMENTARY PRODUCTS - ACCESSORIES

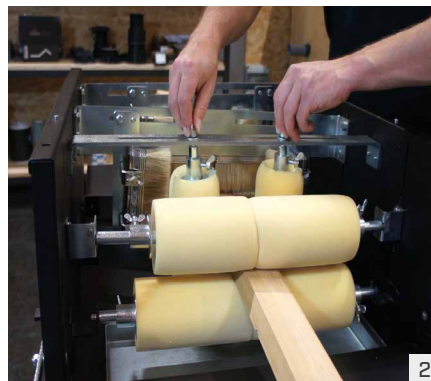
CODE	description	pcs	
JLL2015	spare rollers set	6	
JLL2020	spare brushes set	12	
JLL2025	spare nozzle	1	
JLL2025SET	spare nozzles set	3	
JLL2030	roll holder set	1	 x2 x2
JLL2035	brush holder set	1	

CODE	description	pcs	
JLLFILTER300	300 µm 0.118 in filter bag	25	
MET08	bottom plate	1	
MET09	colour container	1	
MET10	lid for colour container	1	

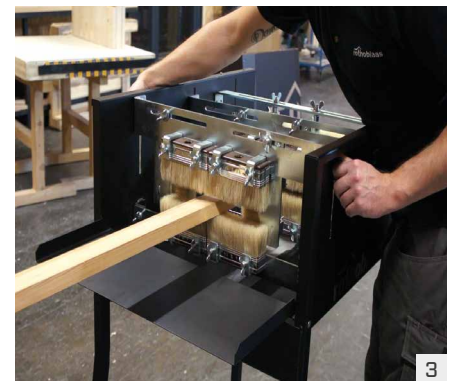
INSTALLATION



1
Insert the element between the two automatic coating machines.



2
Adjust the sponges to the dimensions of the element and fix them by tightening screws.



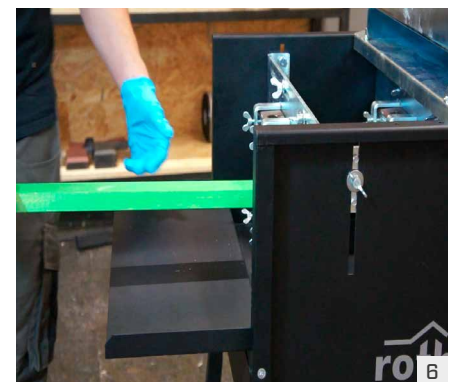
3
Adjust the brushes to the dimensions of the element and fix them by tightening screws.



4
Position the colour tank and make sure that nozzles are closed. Hook the collection bucket under the tank.



5
Enter paint or impregnating primer. If necessary, mix it until a homogeneous consistency is obtained.



6
Start the process: open the nozzles and wait for the rolls to absorb the colour. Finally, push the elements through the sponges.

SHIM

COMPENSATION AND SHIMMING SPACERS

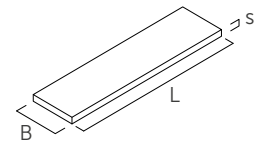
- Seven different thicknesses to compensate the elements at the base with precision
- Special plastic with a capacity of 1000 kg stable over time



CODES AND DIMENSIONS

CODE	colour	B [mm]	L [mm]	s [mm]	B [in]	L [in]	s [in]	pcs
SHIM01	white	22	100	1	0.866	4	0.039	500
SHIM02	blue	22	100	2	0.866	4	0.079	500
SHIM03	red	22	100	3	0.866	4	0.118	500
SHIM04	yellow	22	100	4	0.866	4	0.157	500
SHIM05	green	22	100	5	0.866	4	0.197	500
SHIM06	grey	22	100	6	0.866	4	0.236	500
SHIM08	black	22	100	8	0.866	4	0.315	250
SHIMMIX	mix	22	100	*	0.866	4	*	500

* 120 pcs x 1 mm; 80 pcs. x 2 mm; 120 pcs. x 3 mm; 120 pcs x 4 mm; 110 pcs x 5 mm; 65 pcs x 6 mm; 35 pcs x 8 mm.



SHIM LARGE

LARGE BIOPLASTIC SPACERS

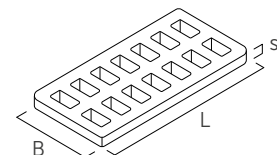
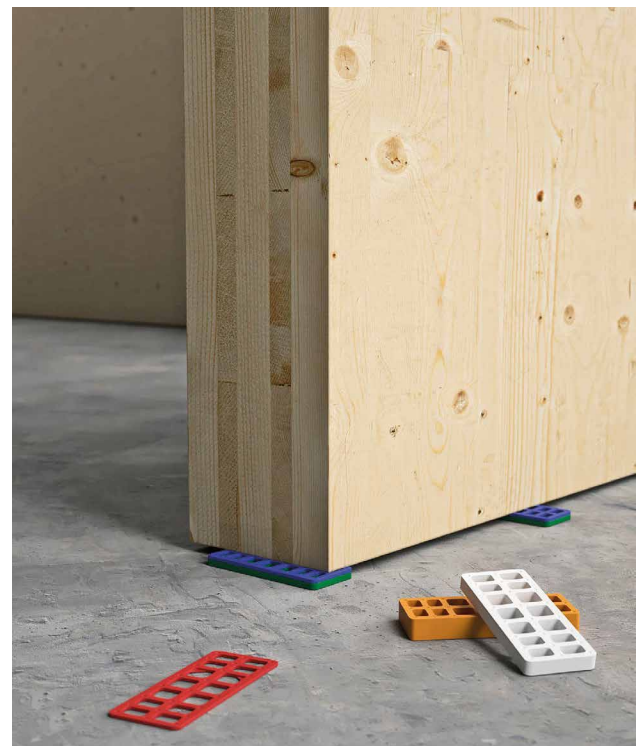
- Five different thicknesses identifiable by colours
- High capacity: up to 8000 kg



CODES AND DIMENSIONS

CODE	colour	B [mm]	L [mm]	s [mm]	B [in]	L [in]	s [in]	pcs
SHIML02	blue	50	120	2	1.969	4.724	0.079	250
SHIML03	red	50	120	3	1.969	4.724	0.118	250
SHIML05	green	50	120	5	1.969	4.724	0.197	250
SHIML10	white	50	120	10	1.969	4.724	0.394	100
SHIML15	orange	50	120	15	1.969	4.724	0.591	100
SHIMLMIX	mix	50	120	*	1.969	4.724	*	120

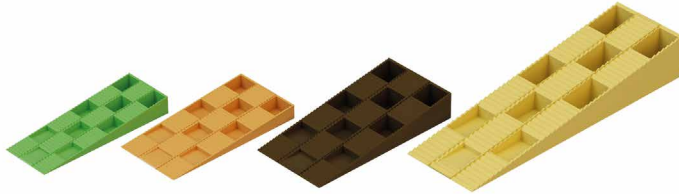
* 30 pcs x 2 mm; 25 pcs x 3 mm; 25 pcs x 5 mm; 25 pcs x 10 mm; 15 pcs x 15 mm.



WEDGES

LEVELLING WEDGES

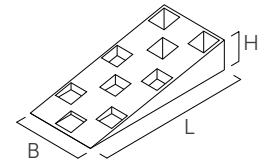
- The sharp toothing of the profiles makes it possible to adjust the height and lock the elements precisely, also laterally
- Also suitable for outdoor use, as humidity is not a problem



CODES AND DIMENSIONS

CODE	colour	capacity		B [mm] [in]	L [mm] [in]	H [mm] [in]	pcs
		100% [kg] [lbs]	35%				
WDGREEN	green	200	80	30	80	10	1000
		441	176				
WDGORAN	orange	200	80	40	80	8	1000
		441	176				
WDGBROW	brown	1700	600	45	90	15	500
		3750	1325				
WDGYELL	yellow	2200	760	45	150	25	324
		4850	1675				
WDGSET	mix(*)	-	-	-	-	-	245

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



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	pcs
	[mm] [in]	
STAR	4, 5, 6, 7, 8 0.157, 0.197, 0.236, 0.276, 0.315	4

NAG

LEVELLING PADS

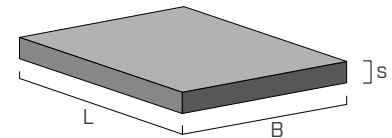
- Available in 3 thicknesses (2,0, 3,0 and 5,0 mm), can also be overlapped to obtain different thicknesses and thus effectively level the patio substructure
- The EPDM material guarantees excellent durability, is not subject to sagging in time and does not suffer from exposure to sunlight



CODES AND DIMENSIONS

CODE	B	L	s	B	L	s	density		shore	pcs
	[mm]	[mm]	[mm]	[in]	[in]	[in]	[kg/m ³]	[lb/ft ³]		
NAG60602	60	60	2	2.36	2.36	0.08	1220	76.16	65	50
NAG60603	60	60	3	2.36	2.36	0.12	1220	76.16	65	30
NAG60605	60	60	5	2.36	2.36	0.20	1220	76.16	65	20

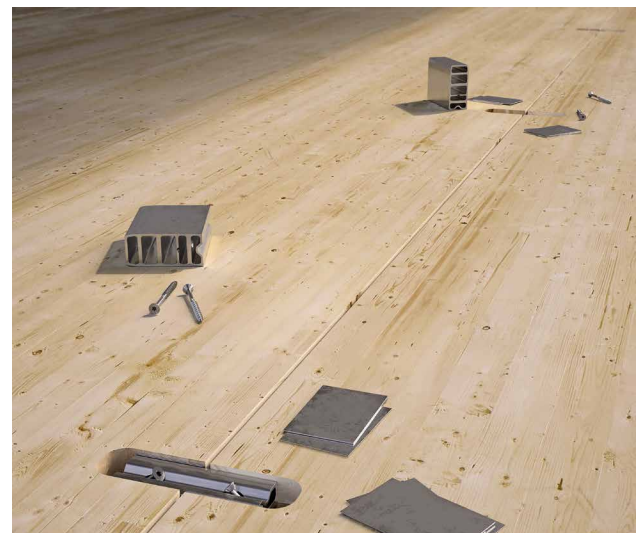
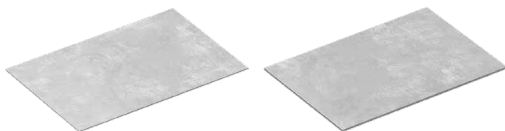
Application temperature from -35°C | +90°C.



SHIM SLOT

STEEL SPACERS FOR SLOT CONNECTOR

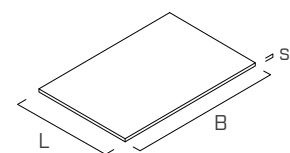
- Galvanised steel SHIM spacers have been specially developed to allow greater tolerances during milling for the SLOT connector, but are also suitable for other applications



CODES AND DIMENSIONS

CODE	B	L	s	B	L	s	pcs
	[mm]	[mm]	[mm]	[in]	[in]	[in]	
SHIMS609005	89	60	0,5	3 1/2	2 3/8	0.02	100
SHIMS609010	89	60	1	3 1/2	2 3/8	0.04	50

Material: bright zinc plated carbon steel.



SLOT

CONNECTOR FOR STRUCTURAL PANELS

For further details, see the "PLATES AND CONNECTORS FOR TIMBER" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



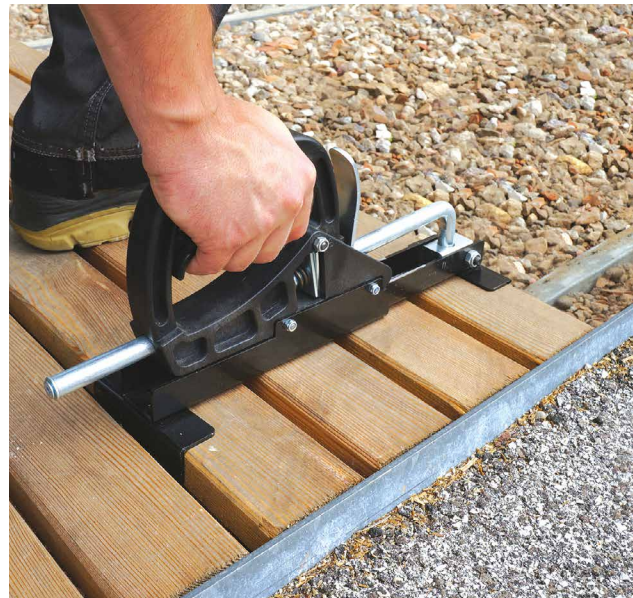
CRAB MINI

ONE-HANDED TERRACE CLAMP

- Ideal for any type of timber. The rubber pads protect the boards from damage
- Also ideal for vertical applications, such as façades

CODES AND DIMENSIONS

CODE	opening		compression		pcs
	[mm]	[in]	[kg]	[lbs]	
CRABMINI	263 - 415	10 3/8 - 16 5/6	max. 200	max. 440	1



CRAB MAXI

BOARD CLAMP, LARGE MODEL

- For clamping 5 to 7 boards simultaneously, depending on width
- The swivel handle allows precise adjustments



CRABMAXI



1 2 3 4 5

CODES AND DIMENSIONS

CODE	description	opening [mm] [in]	pcs
CRABMAXI	board clamp	200 - 770 8 - 30 5/16	2
CRABMAXISET ^(*)	set of 4 CRABMAXIs with carry bag and spacers	-	1

^(*) It includes 10x CRABDIST4; 10x CRABDIST6; 5x CRABDIST8; 5x CRABDIST10.



CRABMAXI SET

CODES AND DIMENSIONS

CODE	thickness [mm] [in]	pcs
1 CRABDIST4	4,0 0.157	10
2 CRABDIST6	6,0 0.236	10
3 CRABDIST7	7,0 0.276	10
4 CRABDIST8	8,0 0.315	10
5 CRABDIST10	10,0 0.394	10

PINCER MONO

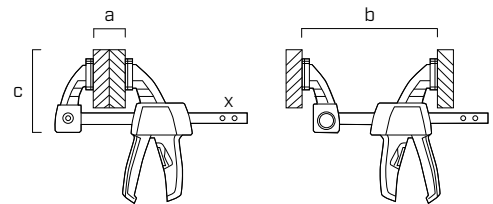
ONE-HANDED CLAMP FOR TIGHTENING AND SEPARATION

- Applicable without tools, thanks to the smart mechanism allowing the upper part to be easily opened
- Tightening torque of up to 2000 N | 450 lbf



CODES AND DIMENSIONS

CODE	opening (a) [mm] [in]	distance (b) [mm] [in]	scrapping (c) [mm] [in]	profile (x) [mm] [in]	weight [kg] [lbs]	pcs
PIN8015	150 6	170 - 360 6 3/4 - 14 1/4	80 3 1/8	19 x 6 3/4 x 1/4	0,7 1.5	1
PIN8030	300 11 3/4	170 - 510 6 3/4 - 20 1/16	80 3 1/8	19 x 6 3/4 x 1/4	0,8 1.8	1
PIN8045	450 17 3/4	170 - 660 6 3/4 - 26	80 3 1/8	19 x 6 3/4 x 1/4	0,9 2.0	1
PIN8060	600 23 5/8	170 - 810 6 3/4 - 31 7/8	80 3 1/8	19 x 6 3/4 x 1/4	1,0 2.2	1
PIN8090	900 35 1/2	170 - 1110 6 3/4 - 43 11/16	80 3 1/8	19 x 6 3/4 x 1/4	1,3 2.9	1



PINCER LEVER

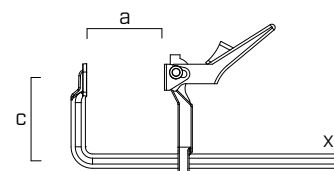
LEVER CLAMP

- Allows you to work up to 5 times faster than with a traditional clamping
- Tightening torque of up to 7,5 kN | 1685 lbf



CODES AND DIMENSIONS

CODE	opening (a) [mm] [in]	scrapping (c) [mm] [in]	profile (x) [mm] [in]	weight [kg] [lbs]	pcs
PINLEV1430	300 11 3/4	140 5 1/2	25 x 12 1 x 1/2	2,2 4.8	1
PINLEV1260	600 23 5/8	120 4 3/4	25 x 12 1 x 1/2	2,8 4.8	1



PINCER TIP

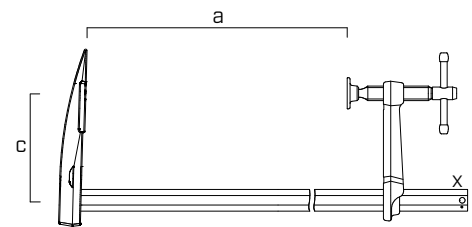
ROOF CLAMP

- 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
- Tightening torque of up to 12,0 kN | 2700 lbf



CODES AND DIMENSIONS

CODE	opening (a)	scrapping (c)	profile (x)	weight	pcs
	[mm] [in]	[mm] [in]	[mm] [in]	[kg] [lbs]	
PINTIP60	600	120	27 x 13	2,9	1
	23 5/8	4 3/4	1 1/16 x 1/2	6.4	
PINTIP80	800	140	30 x 15	5,0	1
	31 1/2	5 1/2	1 3/16 x 9/16	11	



GRIZZLY

UNIVERSAL PANEL HOLDER

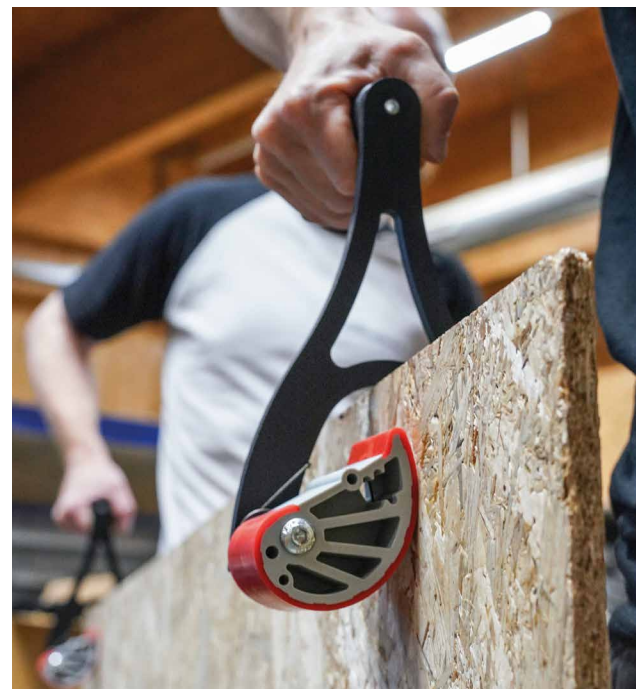
- Suitable for transportation of panels made of timber, OSB, MDF, non-lubricated metal, plastic, plasterboard and other materials
- Capacity up to 100 kg | 220 lbs each handle



GRIZZLY55

GRIZZLY80

GRIZZLY110



CODES AND DIMENSIONS

CODE	opening		pcs
GRIZZLY55	0 - 55 mm	0 - 2 3/16"	2
GRIZZLY80	30 - 80 mm	1 3/16" - 3 1/8"	2
GRIZZLY110	60 - 110 mm	2 3/8" - 4 3/8"	2

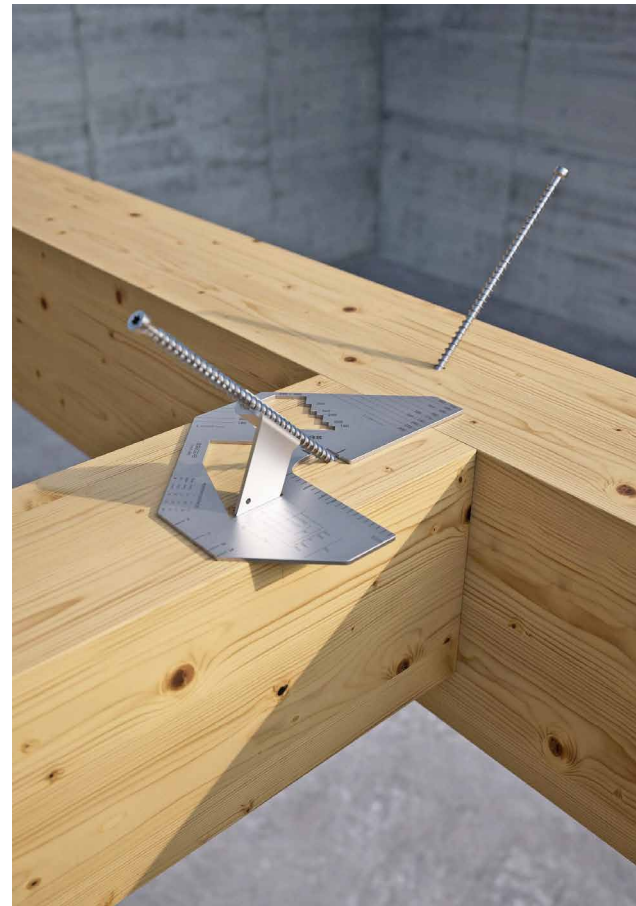
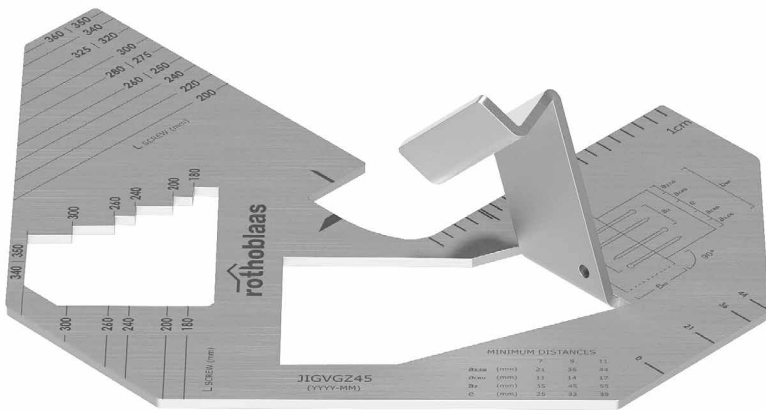
COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
GRIZZLYSP	1 pair of spare jaws for all GRIZZLY models	2

JIG VGZ 45°

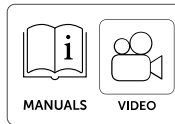
TEMPLATE FOR 45° SCREW CONNECTIONS

- 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 long measurements



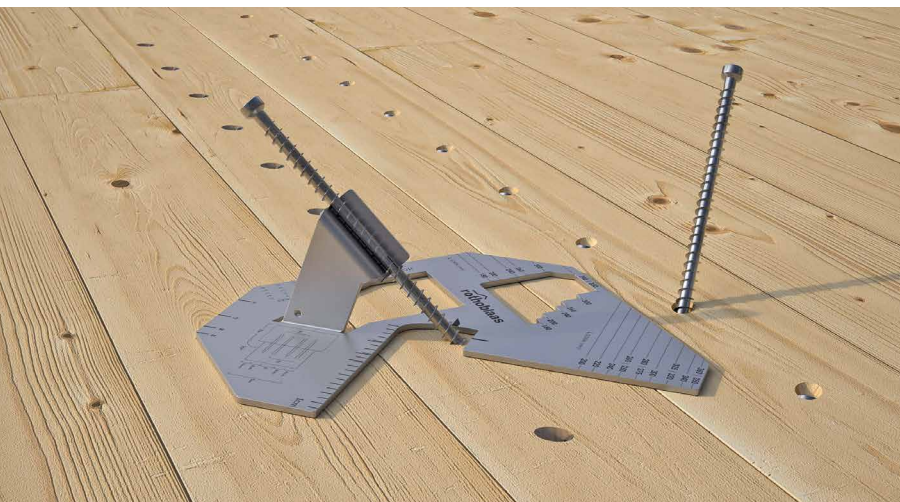
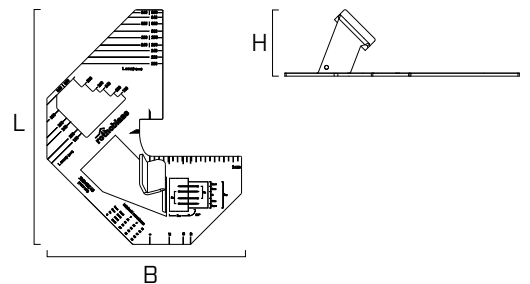
VIDEO

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



CODES AND DIMENSIONS

CODE	B [mm]	L [mm]	H [mm]	B [in]	L [in]	s [in]	pcs
JIGVGZ45	210	253	67	8 1/4	9 15/16	2 5/8	1



MATERIAL

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

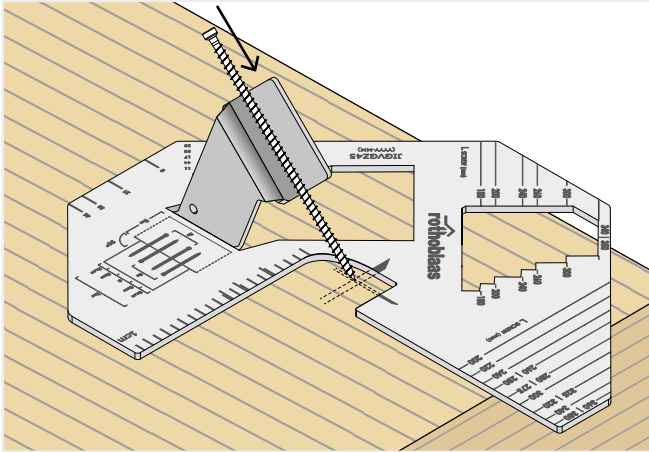
FIELDS OF USE

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

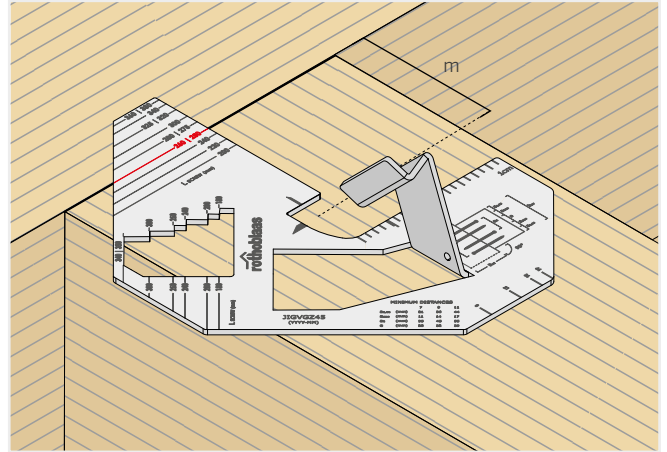
- solid timber
- CLT and LVL
- CTC screw, timber-to-concrete

INSTRUCTIONS FOR ASSEMBLY

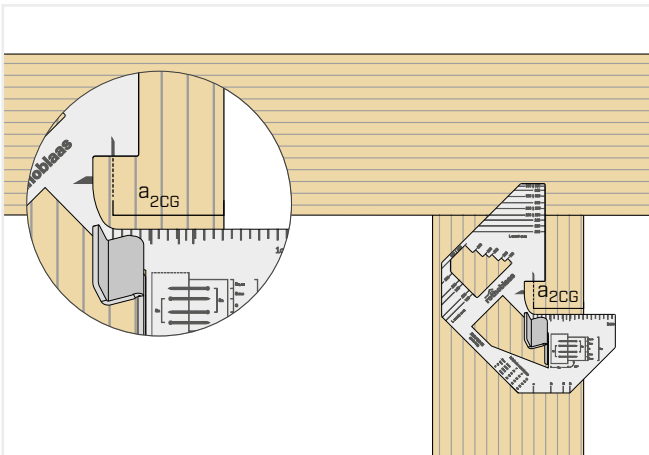
SCREW TIP POSITION



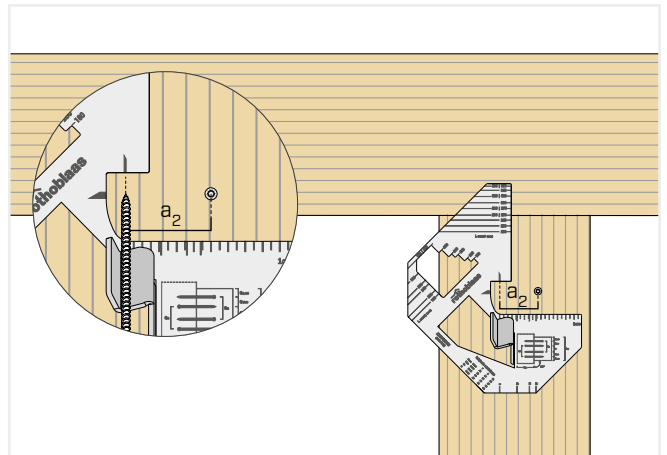
MAIN-BEAM-SECONDARY BEAM JOINT



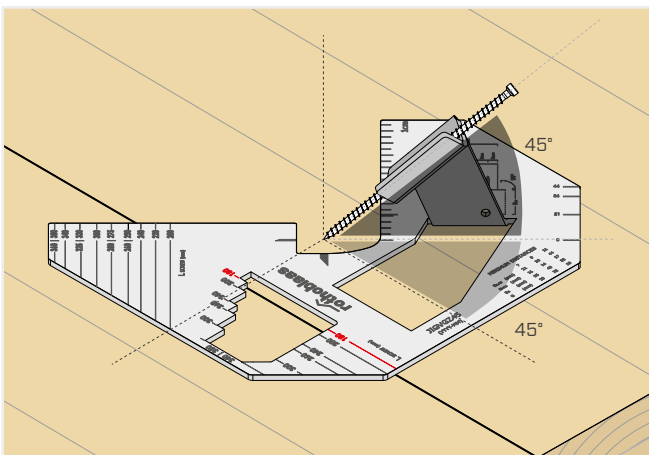
MINIMUM DISTANCE FROM THE EDGE



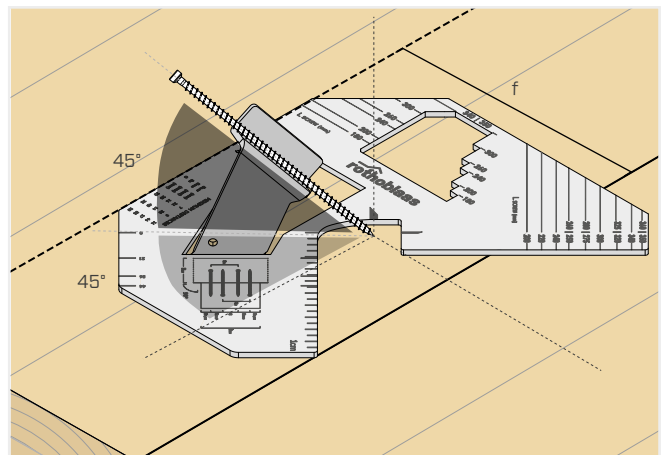
MINIMUM DISTANCES BETWEEN THE SCREWS



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



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



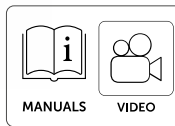
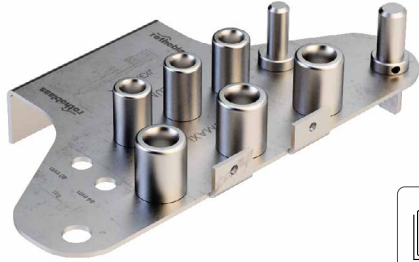
NOTES:

For further information on the use of the template, refer to the assembly instructions available at www.rothoblaas.com.

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

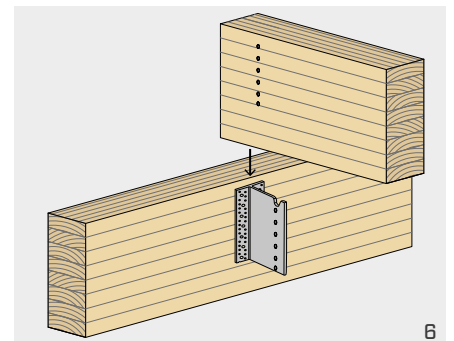
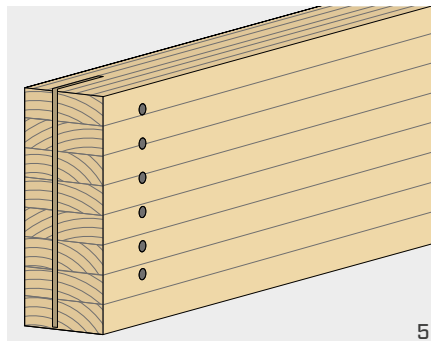
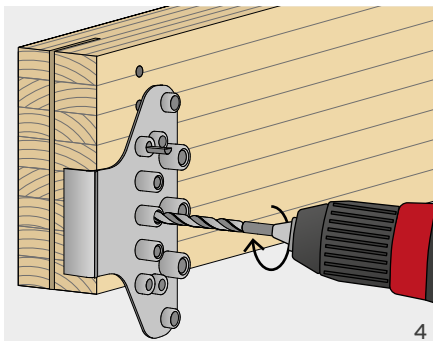
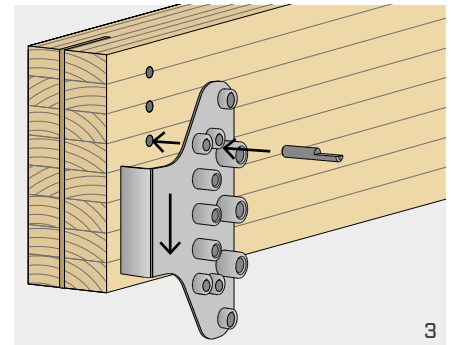
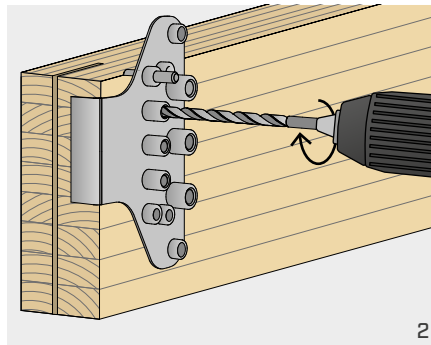
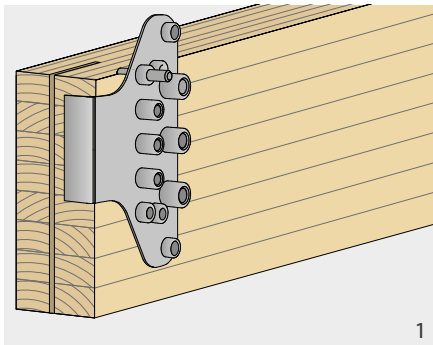
CODE	B [mm]	L [mm]	s [mm]	B [in]	L [in]	s [in]	pcs
JIGALUSTA	164	298	3	6 7/16	11 3/4	0.118	1

VIDEO

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



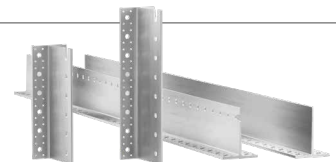
APPLICATION



ALUMIDI
CONCEALED BRACKET
WITH AND WITHOUT
HOLES



ALUMAXI
CONCEALED BRACKET
WITH AND WITHOUT
HOLES



For more information, see the "PLATES AND CONNECTORS FOR TIMBER" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com

JIG PROFI

TEMPLATE FOR DOVETAIL



- Minimum section: **60 x 60 mm** | 2 3/8" x 2 3/8"
- Maximum section: **180 x 360 mm** | 7 1/8" x 14 1/4"



CODES AND DIMENSIONS

CODE	description	pcs
1	JIGPROFI LT120 Profi set	1
2	ATCT2265 milling cutter 15° / stalk 20 mm 0.787 in	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.

COMPLEMENTARY PRODUCTS - ACCESSORIES

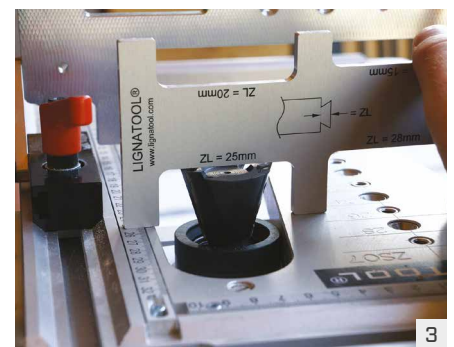
CODE	material	pcs
3	ATCT2266 guiding device	1
4	ATCT2268 anti-chip protection	1
5	AU4016 reversible knives 15°	10
6	ATCT2269 adapter for LO 65 Ec	1
7	MA916901 LO 65 Ec	1
8	ATCT2131 screw blade holder	1

VIDEO

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



APPLICATION



JIG VGU

JIG VGU TEMPLATES

- The JIG VGU and JIG VGU TOTAL templates are essential tools for pre-drilling or pilot hole creation for the precise and aligned installation of 9, 11 and 13 mm VGS screws in their respective VGU washers
- **JIG VGU**: for exclusive use with the VGU washer, essential in all applications where it is welded to the plate (e.g. SPIDER)
- **JIG VGU TOTAL** is the evolution of the system: it does not require the VGU washer to create the pilot hole, making it ideal even in awkward situations or with limited space



1 JIG VGU



2 JIG VGU TOTAL

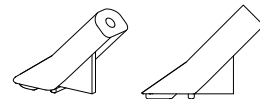
JIG VGU TEMPLATES

CODE	washer [mm]	d_v [mm] [in]	pcs
1 JIGVGU945	VGU945	5 0.197	1
2 JIGVGU945T		5 0.197	1
1 JIGVGU1145	VGU1145	6 0.236	1
2 JIGVGU1145T		6 0.236	1
1 JIGVGU1345	VGU1345	8 0.315	1
2 JIGVGU1345T		8 0.315	1

d_v = pre-drilling hole diameter



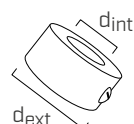
JIG VGU



JIG VGU TOTAL

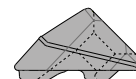
LOCKING RING FOR HSS BITS

CODE	d_{int} [mm] [in]	d_{ext} [mm] [in]	pcs
F2108005	5 0.197	10 0.394	10
F2108006	6 0.236	12 0.472	10
F2108008	8 0.315	16 0.630	10



d_{ext}

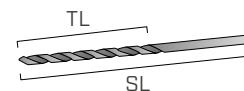
VGU WASHER



CODE	screw [mm]	$d_{v,s}$ [mm] [in]	pcs
VGU945	VGS Ø9	5 0.197	25
VGU1145	VGS Ø11	6 0.236	25
VGU1345	VGS Ø13	8 0.315	25

$d_{v,s}$ = pre-drilling hole diameter (softwood)

HSS WOOD DRILL BITS

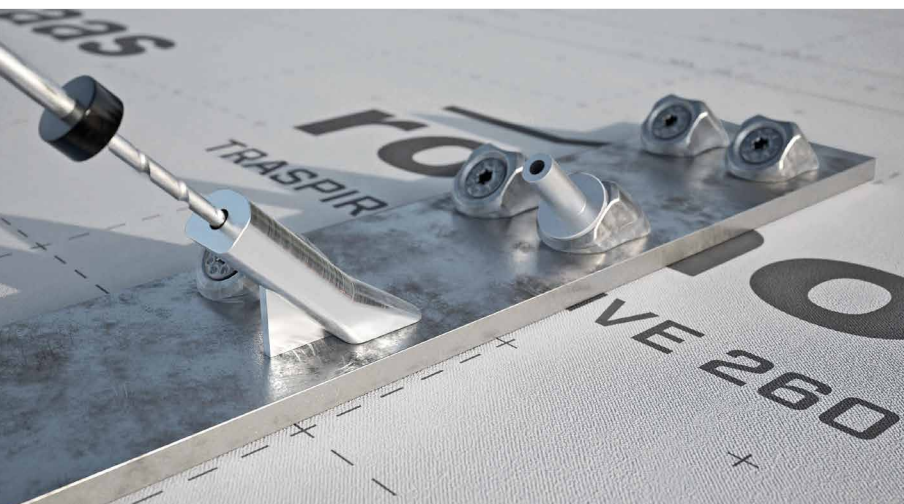


CODE	d_v [mm] [in]	TL [mm] [in]	SL [mm] [in]	pcs
F1599105	5 0.197	150 6	100 4	1
F1599106	6 0.236	150 6	100 4	1
F1599108	8 0.315	150 6	100 4	1

d_v = pre-drilling hole diameter

For pilot hole compatible bits, refer to page 240.

For more information, see the **TIMBER SCREWS AND DECK FASTENING** catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



GUIDED 45° PRE-DRILLING

A pre-drill depth of at least 50 mm is recommended.

PRECISE PREDRILLING MADE EASY

Thanks to the new shape of the JIG VGU TOTAL, the jig can be easily held in place and precise pre-drilling is possible. Locking rings for the drill bits serve to ensure that all holes are pre-drilled to the same depth.

JIG ALUMEGA

DRILLING TEMPLATE FOR ALUMEGA HVG-JVG

- For pre-drilling pilot holes in all types of timber
- Enables precise pilot holes for both ALUMEGA HVG and ALUMEGA JVG
- Can also be used for customised plates with VGSØ9 screws angled at 45°



CODES AND DIMENSIONS

CODE	L [mm]	d _h [mm]	d _v [mm]	L [in]	d _h [in]	d _v [in]	pcs
JIGVGS9	70	5,3	5	3 1/8	0.209	0.197	1
JIGVGS9H	70	6,3	6	3 1/8	0.248	0.236	1

d_h = template hole diameter

d_v = pre-drilling hole diameter

For pilot hole compatible bits, refer to page 240.

For more information, on the ALUMEGA system, see the "PLATES AND CONNECTORS FOR TIMBER" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com



VIDEO

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



JIG ROUTER

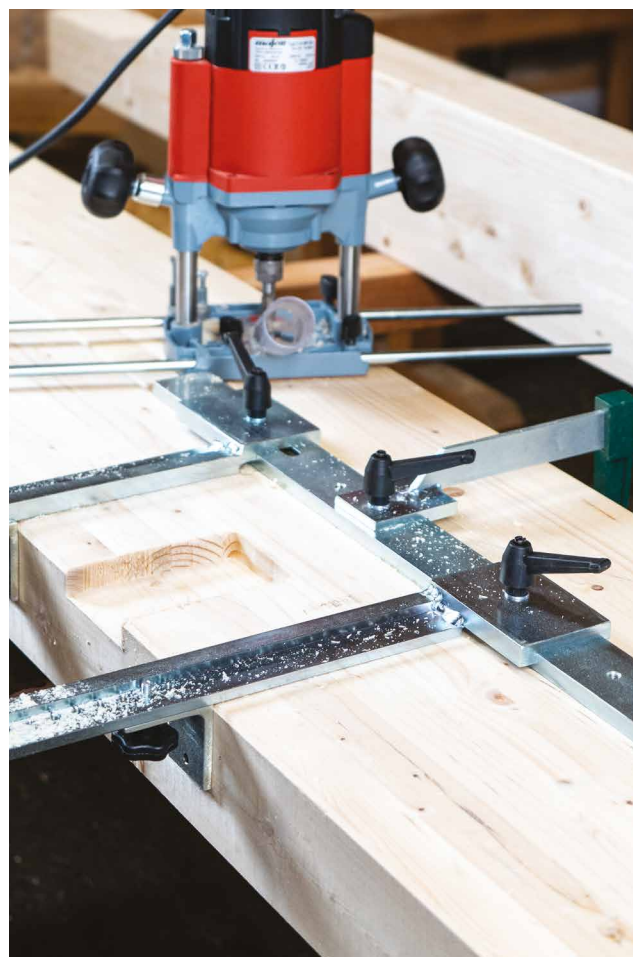
TEMPLATE FOR POCKET MILLING

- Milling is carried out by means of a milling machine, stop ring and cylindrical milling cutter
- For milling of min. 100 mm | 4" (width) x 120 mm | 4 3/4" (height) up to max. 265 mm | 10 7/16" (width) x 275 mm | 10 7/8" (height)



CODES AND DIMENSIONS

CODE	description	pcs
JIGROUTER	milling template	1



CAP TOP

TARPAULIN FOR ROOFS

- Each size is equipped with a reinforced lifting hook for easier installation
- Thanks to the metal fastening eyelets positioned every metre, it is possible to fix the tarpaulin firmly 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
- Made with partially recycled raw materials

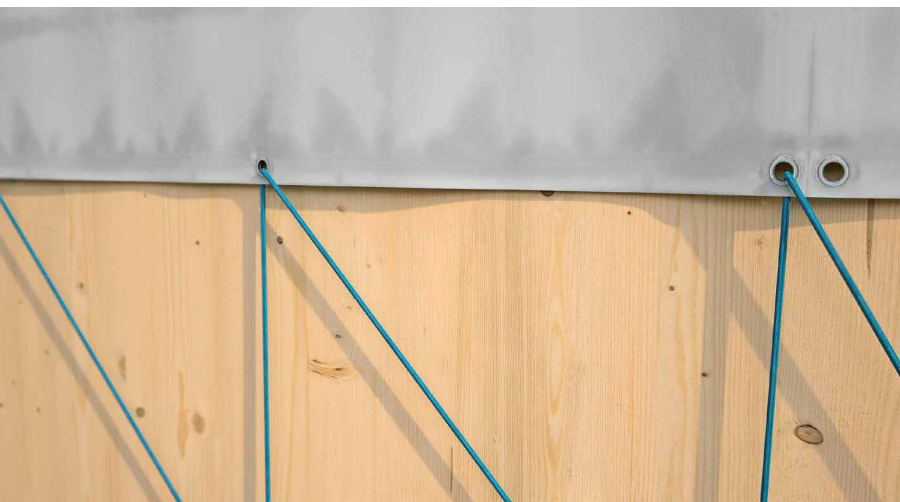
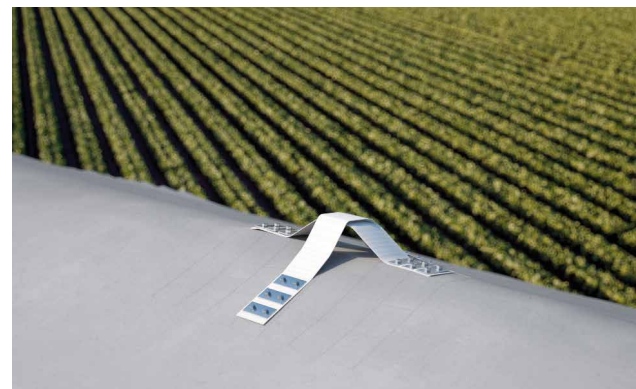
CODES AND DIMENSIONS

CODE	sizes		weight		pcs
	[m]	[ft]	[kg]	[lbs]	
CAPTOP1012	10 x 12	33 x 39	74	163	1
CAPTOP1214	12 x 14	39 x 46	104	229	1
CAPTOP1416	14 x 16	46 x 52.5	139	306	1

Other sizes and customised tarpaulins available on request.

TECHNICAL DATA

Properties	standard	values
Mass per unit area	ISO 2286-2	620 g/m ²
Thickness	ISO 2286-3	0,5 mm
Tensile strength (transverse and longitudinal)	EN ISO 1421	2000/2000 N/50 mm
Tear strength (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)
Cold resistance	EN ISO 1876-1	-30°C
Eyelet tear strength	-	100 kg



MATERIAL

Polyester truck tarpaulin made from recycled raw material, coated with 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

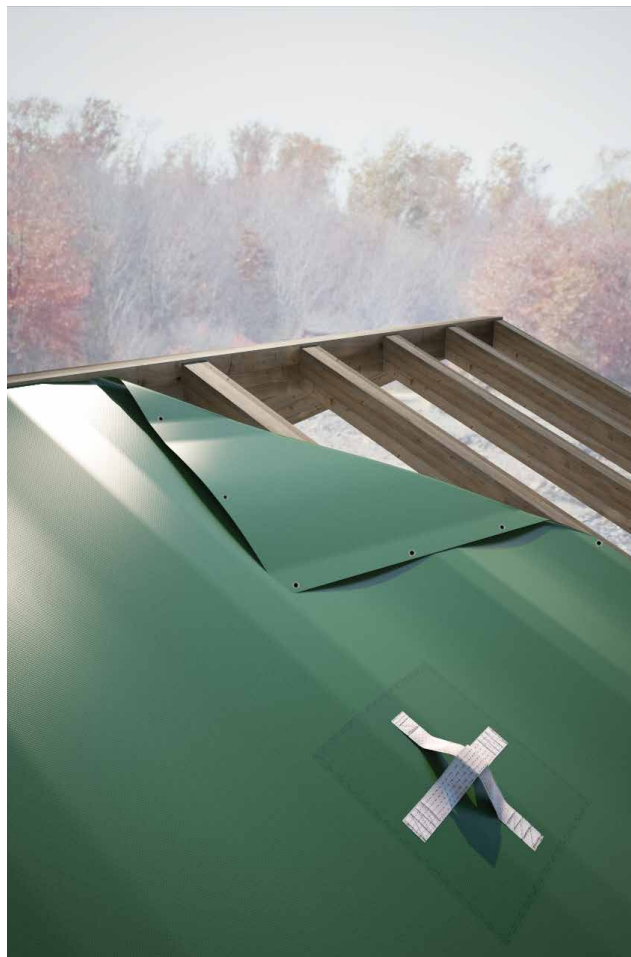
- Good mechanical characteristics resistant to both tension and tearing
- Thanks to the metal fastening eyelets positioned every metre, it is possible to fix the tarpaulin firmly to the roof

CODES AND DIMENSIONS

CODE	sizes		weight		pcs
	[m]	[ft]	[kg]	[lbs]	
CAPPLUS0810	8 x 10	26 x 33	24,0	52.9	1
CAPPLUS1012	10 x 12	33 x 39	36,0	79.4	1
CAPPLUS1214	12 x 14	39 x 46	50,4	111.1	1
CAPPLUS1416	14 x 16	46 x 52.5	67,2	148.2	1
CAPPLUS1618	16 x 18	52.5 x 59	86,4	190.5	1

TECHNICAL DATA

Properties	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 strength (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		weight		pcs
	[m]	[ft]	[kg]	[lbs]	
CAPECO0410	4 x 10	13 x 32	8,4	18.5	1
CAPECO0810	8 x 10	26 x 33	16,8	37.0	1

TECHNICAL DATA

Properties	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 strength (transverse and longitudinal)	ISO 1421-1	120/75 N/50 mm



BIT

TORX BITS

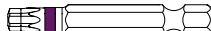

CODES AND DIMENSIONS

BITS C 6.3

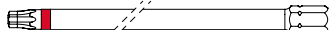


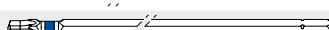
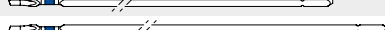


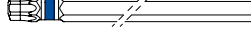
L	CODE	bit	colour	geometry	pcs
[mm] [in]					
25 1	TX1025	TX 10	yellow		10
	TX1525	TX 15	white		10
	TX2025	TX 20	orange		10
	TX2525	TX 25	red		10
	TX3025	TX 30	purple		10
	TX4025	TX 40	blue		10
	TX5025	TX 50	green		10
50 2	TX1050	TX10	yellow		5
	TX1550	TX 15	white		5
	TX2050	TX 20	orange		5
	TX2550	TX 25	red		5
	TX3050	TX 30	purple		5
	TX4050	TX 40	blue		5
	TX4050L(*)	TX 40	blue		5
	TX5050	TX 50	green		5
75 3	TX1575	TX 15	white		5
	TX2075	TX 20	orange		5
	TX2575	TX 25	red		5

(*) Special tip for CATCH L.

BITS B.3

L	CODE	bit	colour	geometry	pcs
[mm] [in]					
50 2	TXE3050	TX 30	purple		5
	TXE4050	TX 40	blue		5

LONG BITS

L	CODE	bit	colour	geometry	pcs
[mm] [in]					
150 6	TX25150	TX 25	red		1
200 8	TX30200	TX 30	purple		1
350 14	TX30350	TX 30	purple		1
150 6	TX40150	TX 40	blue		1
200 8	TX40200	TX 40	blue		1
350 14	TX40350	TX 40	blue		1
520 21	TX40520	TX 40	blue		1
150 6	TX50150	TX 50	green		1

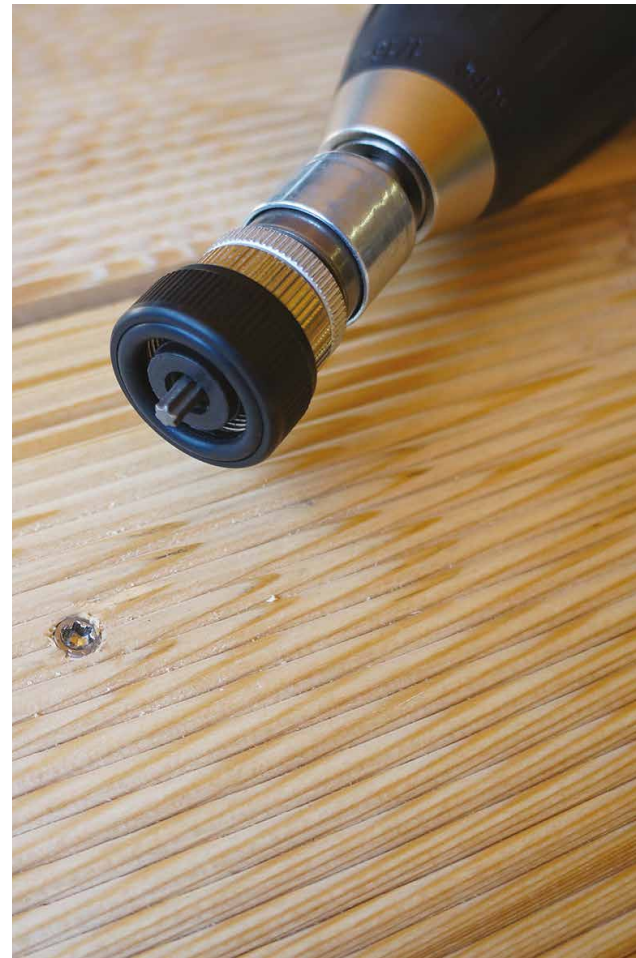
DRIVER BIT HOLDER

CODE	description	geometry	pcs
TXHOLD	60 mm 5 3/8" - magnetic		5

BIT STOP

DRIVER BIT HOLDER WITH END STOP

- Fitted with an O-ring to avoid damage to the timber at the end stop
- The internal mechanism automatically stops the driver bit holder when it reaches the preset depth
- Compatible with 25 mm bits and 1/4" connection
- Supplied with TX2025 bit



CODES AND DIMENSIONS

CODE	description	pcs
AT4030	adjustable screw-in depth and automatic release	1

ANGLE

ANGLE SCREWING DEVICE

- With magnetic holder for a secure grip, ideal for precise screwing and creating small holes, even in hard-to-reach areas



F1598750



F1598757



CODES AND DIMENSIONS

CODE	description	bit connection	angle	height	pcs
F1598750	angle screwdriver	1/4"	90°	40 mm 1.575 in	1
F1598757	set with angle screwdriver, bits for timber twist drill bits Ø3, 4, 5, 6 mm Ø 0.118, 0.157, 0.197, 0.236 in, counterbore cutter and drill chuck				1

SOCKET

BUSHINGS AND BITS

CODES AND DIMENSIONS

CODE	wrench size	machine housing	length		pcs
			[mm]	[in]	
SOCKET10	10	1/2"	40	1 9/16	1
SOCKET12	12	1/2"	40	1 9/16	1
SOCKET13	13	1/2"	40	1 9/16	1
SOCKET15	15	1/2"	40	1 9/16	1
SOCKET16	16	1/2"	40	1 9/16	1
SOCKET17	17	1/2"	40	1 9/16	1
SOCKET18	18	1/2"	40	1 9/16	1
SOCKET19	19	1/2"	40	1 9/16	1
SOCKET22	22	1/2"	40	1 9/16	1
SOCKET24	24	1/2"	40	1 9/16	1
SOCKETL13	13	1/2"	80	3 1/8	1
SOCKETL19	19	1/2"	80	3 1/8	1
SOCKETBIT	bit holder 1/4"	1/2"	-	-	1
SOCKETBITL	5/16" driver bit holder	1/2"	-	-	1
SOCKETBIT38	bit holder 1/4"	3/8"	-	-	1
HEX525	-	connector C 6.3 (1/4")	25	1	5
HEX514	3/8"	connector C 6.3 (1/4")	50	1 15/16	5



LIZARD

UNWINDER FOR NAIL POINT SEALING TAPE

TIME SAVING

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

WATERPROOF

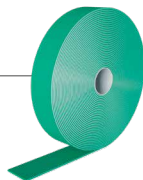
The closed-cell polyethylene structure guarantees the membrane impermeability even in case of perforation by means of fastening.



CODES AND DIMENSIONS

CODE	description	pcs
LIZARD	unwinder	1

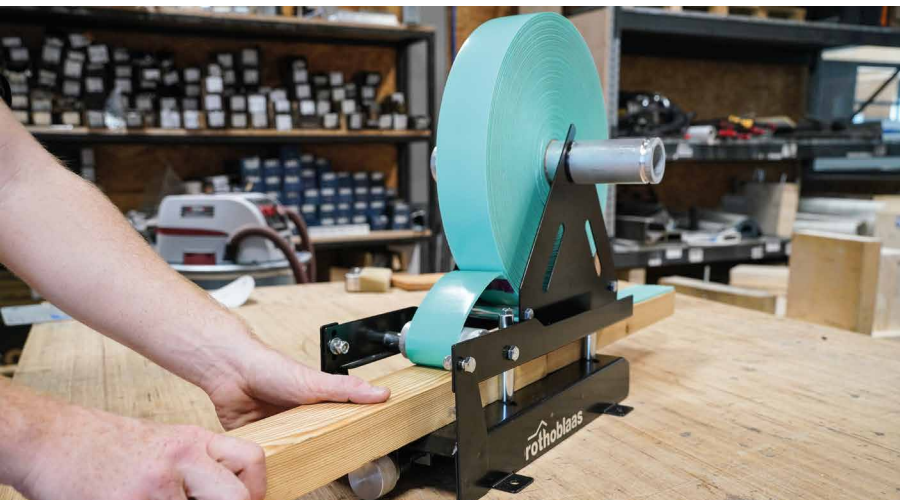
NAIL PLASTER HIGH-ADHESION NAIL POINT SEALANT TAPE



For more information, see the "TAPES, MEMBRANES, SEALANTS AND FIRE PROTECTION" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.

VIDEO

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



RECOMMENDED PRODUCT

Ideal for use in combination with NAIL PLASTER single-sided nail point tape.

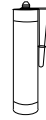
FIELDS OF USE

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

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 10.48 [US fl oz]	1
STING	spare nozzle for 310 10.48 and 400 ml 14.20 [US fl oz] cartridges	1



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 20.29 [US fl oz] soft cartridges	1
STINGSOFT	spare nozzle for soft cartridges	1



MAMMOTH

SPECIAL GUN FOR 400 mL CARTRIDGES

- Large, strong gun for 400 ml cartridges (e.g. VIN-FIX PRO)
- Robust and durable, it allows precise application of resin



CODES AND DIMENSIONS

CODE	description	pcs
MAM400	for cartridges of 400 ml 14.20 [US fl oz]	1



MAMMOTH DOUBLE

SPECIAL GUN FOR TWO-COMPONENT ADHESIVE

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



CODES AND DIMENSIONS

CODE	description	pcs
MAMDB	for double cartridge	1

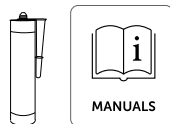


FLY POWER



CORDLESS CARTRIDGE GUN

- 7.4 V Li-Ion battery, up to 30 cartridges per charge
- Continuously adjustable precise feed rate up to 6.9 mm/sec
- LED light and automatic stop for clean, controlled applications



CODES AND DIMENSIONS

CODE	description	pcs
FLYPOWER	cordless gun for 310 mL 10.48 [US fl oz] cartridges	1

Scope of supply: 1 cordless gun, 1 rechargeable battery, 1 fast charger, 1 hard case.
Battery and charger compatible with other FLY POWER models.

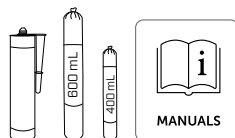


FLY SOFT POWER



BATTERY-OPERATED RESIN GUN

- Compatible with three different cartridge types and sizes
- 7.4 V battery with long runtime
- Smooth feed rate up to 6.9 mm/sec and integrated LED
- Automatic stop for drip-free application, even with XL cartridges



CODES AND DIMENSIONS

CODE	description	pcs
FLYSOFTPOWER	cordless gun for 310 mL 10.48 [US fl oz] cartridges and soft cartridges up to 600 mL 20.29 [US fl oz]	1

Scope of supply: 1 cordless gun, 1 rechargeable battery, 1 fast charger, 1 hard case.
Battery and charger compatible with other FLY POWER models.



MAM400 POWER



LARGE CORDLESS CARTRIDGE GUN

- 7.4 V lithium-ion battery with a capacity of approximately 30 cartridges per charge
- Feed speed 0–6.9 mm/sec
- Integrated LED work light and automatic feed stop for drip-free application



CODES AND DIMENSIONS

CODE	description	pcs
MAM400POWER	cordless gun for cartridges up to 420 mL 14.20 [US fl oz]	1

Scope of supply: 1 cordless gun, 1 rechargeable battery, 1 fast charger, 1 hard case. Battery and charger compatible with other FLY POWER models.



MAMDB POWER



CORDLESS GUN FOR TWO-COMPONENT ADHESIVE

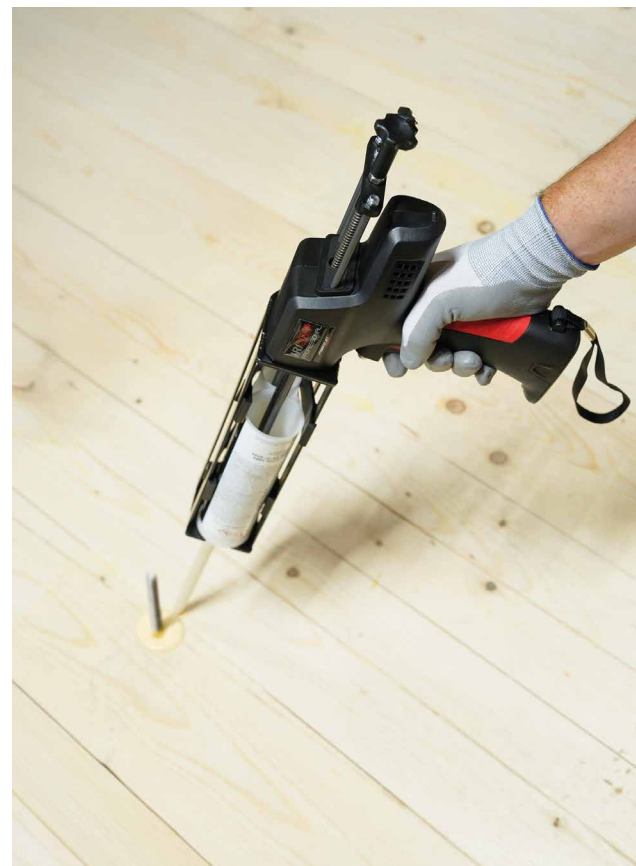
- Significantly easier handling of large numbers of cartridges compared to manual cartridge guns
- 7.4 V lithium battery
- Adjustable stroke up to 6.9 mm/sec
- With integrated LED and automatic stop for professional, waste-free results



CODES AND DIMENSIONS

CODE	description	pcs
MAMDBPOWER	cordless gun for double 400 mL 13.53 [US fl oz] cartridges	1

Scope of supply: 1 cordless gun, 1 rechargeable battery, 1 fast charger, 1 hard case. Battery and charger compatible with other FLY POWER models.



STING

NOZZLE

- Spare nozzle for cartridges



CODES AND DIMENSIONS

CODE	description	pcs
1 STING	spare nozzle for 300 10.48 and 400 ml 14.20 [US fl oz] cartridges	12
2 STINGXP	spare nozzle for two-component adhesive	1
3 STINGSOFT	spare nozzle for soft cartridges	1
4 STINGRED	nozzle tip reducer	1



BRUH

STEEL PIPE CLEANER

- Stainless steel
- Allows certified installation with PONY blow pump and CAT compressed air tool gun

CODE	rod	internal thread bushing	d ₀	L	d ₀	L	pcs
	[mm]	[mm]	[mm]	[mm]	[in]	[in]	
BRUH10	M8	-	10	150	3/8	6	1
BRUH12	M10	-	12	150	1/2	6	1
BRUH14	M12	IR-M8	14	150	9/16	6	1
BRUH18	M16	IR-M10	18	150	11/16	6	1
BRUH22	M20	IR-M12	22	150	7/8	6	1
BRUH28	M24	IR-M16	28	150	1 1/8	6	1
BRUH30	M27	-	30	150	1 3/16	6	1
BRUH35	M30	-	35	150	1 3/8	6	1

d₀ = hole diameter in the support

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
BRUHAND	grip and extension for pipe cleaner	1



BRUHXX



BRUHAND

PLU

INJECTION NOZZLE

- For filling the hole without air bubbles
- It is used for overhead applications of the chemical anchor
- EPDM material

CODE	rod	internal thread bushing	d ₀		pcs
	[mm]		[mm]	[mm]	
PL14	M12	-	14	9/16	20
PL18	M16	IR-M10	18	11/16	20
PL24	M20	IR-M12	24	15/16	20
PL28	M24	IR-M16	28	1 1/8	20
PL32	M27	-	32	1 1/4	20
PL35	M30	-	35	1 3/8	20



COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
STINGEXT	extension tube for nozzle	1



FILL FILLING WASHER

For more information, see the "TIMBER SCREWS AND DECK FASTENING" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



PONY

POCKET AIR PUMP FOR HOLE CLEANSING

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



CODES AND DIMENSIONS

CODE	description	pcs
PONY	pocket air pump for hole cleansing	1

FLY FOAM

AUTOMATIC LONG TUBE GUN FOR FOAMS

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



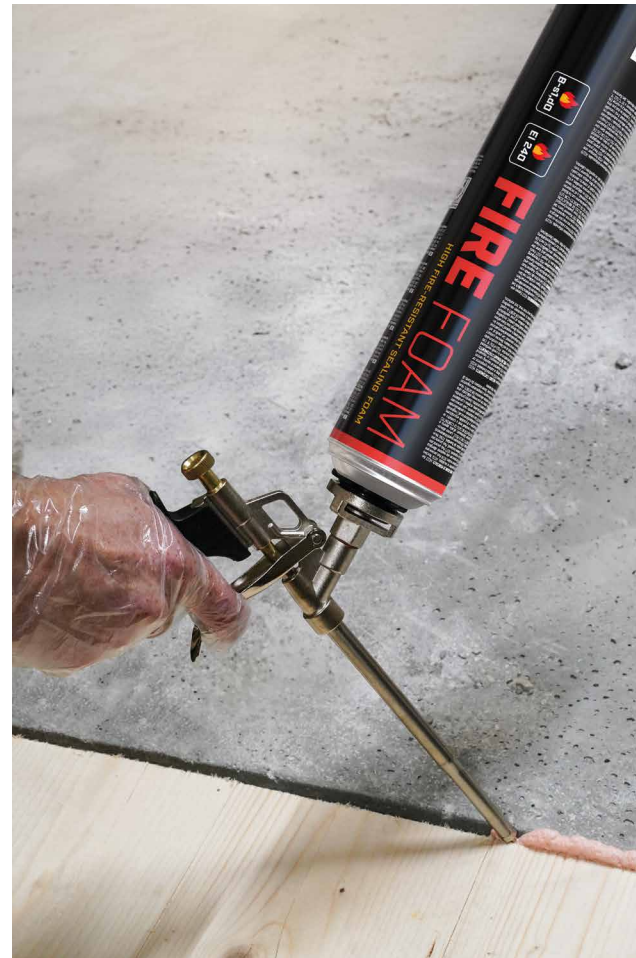
CODES AND DIMENSIONS

CODE	description	pcs
FLYFOAM	foam gun	1

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
HERFOAM	high performing soundproofing sealing foam	1
HERFOAMB2	high performing soundproofing sealing foam	1
FLYCLEAN	degreaser for cartridge guns	1

For more information, see the "TAPES, MEMBRANES, SEALANTS AND FIRE PROTECTION" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



FOAM CLEANER

DETERGENT FOR CARTRIDGE GUNS

- It allows the internal cleaning of cartridge guns, preventing foam residues from impairing their operation



CODES AND DIMENSIONS

CODE	[ml]	content	[US fl oz]	pcs
FLYCLEAN	500		16.91	12

Aerosol 1. Eye Irrit. 2. STOT SE 3.



WEB BUILD

POLYURETHANE CONSTRUCTION ADHESIVE

- Universal: suitable for windows, doors, stairs and industrial applications; solvent-free
- Hardens into sandable and paintable joints
- Expands during curing

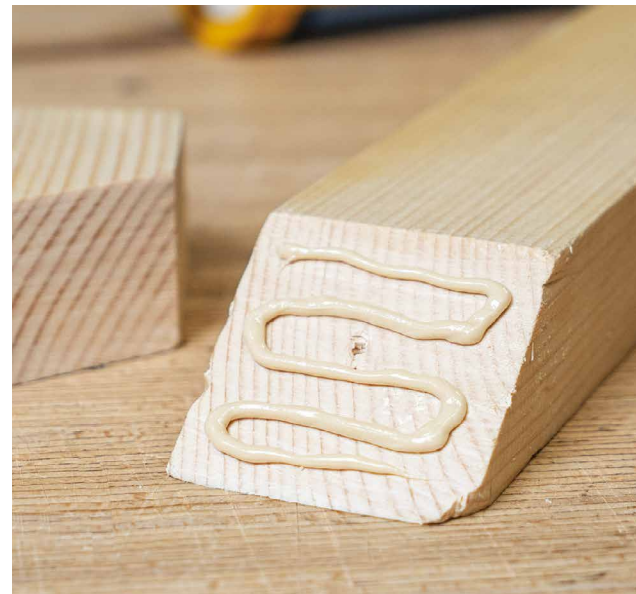
CODES AND DIMENSIONS

CODE	content		colour	pcs
	[ml]	[US fl oz]		
WEBBUILD	310	10.48	beige	1

Compatible cartridge gun: FLY, FLY POWER, FLY SOFT POWER.

TECHNICAL DATA

Properties	values
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)
Skin formation	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
Storage: if closed, max. 12 months at temperatures from	+15°C at +25°C



WEB PU

POLYURETHANE ADHESIVE

- Universal polyurethane glue for construction and industrial use
- Suitable for rigid PVC, sanded GRP, aluminium, PUR foams and pre-treated mineral wool
- Solvent-free and expands during curing
- Hardens into sandable and paintable joints

CODES AND DIMENSIONS

CODE	content		colour	pcs
	[g]	[lbs]		
WEBPU	500	1.10	brown	1

TECHNICAL DATA

Properties	values
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
Storage: if closed, max. 12 months at temperatures from	+15°C at +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
- Can also be used to reduce screwing resistance when installing long screws or threaded rods



FROG1



FROG5

CODES AND DIMENSIONS

CODE	description	content		colour	pcs
		[l]	[US fl oz]		
FROG1	sprayer	1	33.8	colourless	1
FROG5	can	5	169	colourless	1



TECHNICAL DATA

Properties	values
Base	white oils, dearomatized hydrocarbons
Odour	delicate, characteristic
PH value	10 - 11
Density	approx. 0,8 g/cm ³
Viscosity	fluid
Storage	24 months
Storage	store in tightly sealed containers, protected from frost

PRIMER SPRAY



UNIVERSAL SPRAY PRIMER FOR ACRYLIC ADHESIVE TAPES

- Thanks to spray can application and the adjustable nozzle, no brushes or other equipment is needed for installation
- At a distance of approx. 30 - 50 cm from the surface approx. 6 cm of gluing area is achieved
- Ideal for use with Rothoblaas tapes

CODES AND DIMENSIONS

CODE	content		pcs
	[ml]	[US fl oz]	
PRIMERSPRAY	750	25.36	12



PRIMER



UNIVERSAL PRIMER FOR ACRYLIC ADHESIVE TAPES

- The primer is transparent as it is made from a solvent-free acrylic dispersion compound
- Ready to use, compensates for irregularities on rough surfaces and guarantees fast drying

CODES AND DIMENSIONS

CODE	content		yield		pcs
	[ml]	[US fl oz]	[mL/m ²]	[US fl oz/ft ²]	
PRIMER	1000	33.81	100/200	0.32/0.63	6



BYTUM PRIMER



UNIVERSAL PRIMER FOR MEMBRANES AND BITUMINOUS TAPES

- Primer for bonding bitumen-polymer membranes or applying liquid bitumen membranes to low-cohesion concrete structures; can be applied by spray, brush or roller
- Excellent adhesion and pull-through on all dry or slightly damp concrete surfaces; binds dust and seals porous concrete

CODES AND DIMENSIONS

CODE	content		pcs
	[kg]	[lbs]	
BYTP	10	22	1



PIPE LINK

INSTALLATION PIPE CONNECTION SYSTEM

PREFABRICATED

It improves the efficiency of prefabrication and reduces costs, cutting down the assembly time of prefabricated timber elements during construction. The connector can be installed without any tools. A simple cylindrical hole is all that is required. When assembling the elements, compensation for the 5 mm tolerance in each direction is guaranteed by the funnel-shaped sleeve.

SAFE

When installing the prefabricated elements, the pipes no longer need to be inserted between the individual elements, eliminating the risk of injury during all stages of installation.

SUSTAINABLE

Accurate planning reduces empty conduit wastage to a minimum.



CODES AND DIMENSIONS

CODE	for installation pipes Ø		Ø hole in element		pcs
	[mm]	[in]	[mm]	[in]	
PIPELINK20	20	13/16	25	1	150
PIPELINK25	25	1	30	1 3/16	100
PIPELINK40	40	1 9/16	45	1 3/4	70

TECHNICAL DATA

Properties	M20	M25	M40
Internal diameter Ø	13 mm 0.512 in	18 mm 0.709 in	31 mm 1.220 in
External diameter Ø	25 mm 0.984 in	30 mm 1.181 in	45 mm 1.772 in
Height	31 mm 1.220 in	31 mm 1.220 in	31 mm 1.220 in
Weight	3,8 g 0.135 oz	4,6 g 0.162 oz	9,1 g 0.321 oz
Temperature resistance	-5/+90°C		
Resistance to external influences	IP30 (EN 60529)		

MOUNTING



- 1 Hole in timber. The material must have a minimum thickness of 15 mm.
- 2 Insert the PIPE LINK in the hole with the funnel facing outwards, flush with the surface (self-locking).
- 3 Insert the installation pipe from the rear wall up to the interlocking edge. The pipe locks into place.
- 4 Repeat the procedures from steps 1 to 3 for all elements that need to be connected.
- 5 When installing the prefabricated elements, the pipes can be laid together without needing to be inserted into the joint, ensuring a perfect solution for subsequent cable laying.

TUBE STOPPER CABLE SEALING PLUGS



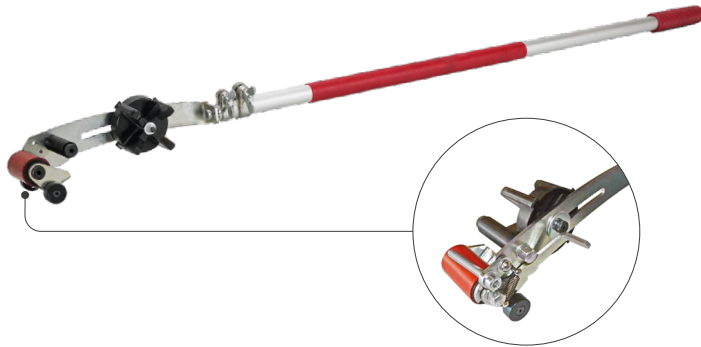
CODE	Ø		pcs
	[mm]	[in]	
TUBESTOP20	20	13/16	20
TUBESTOP25	25	1	20

For more information, see the "TAPES, MEMBRANES, SEALANTS AND FIRE PROTECTION" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



SPEEDY ROLL

SPEEDY BAND UNWINDER WITH LONG HANDLE



CODES AND DIMENSIONS

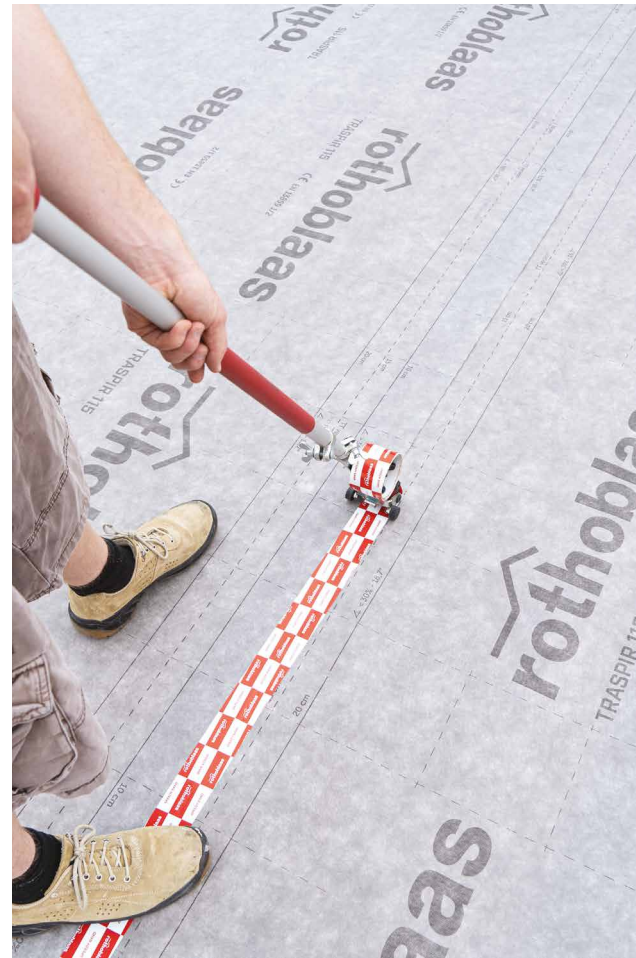
CODE	description	length [cm] [in]	pcs
SPEEDYROLL	SPEEDY BAND dispenser	120 - 200 47 1/4 - 78 3/4	1

SPEEDY BAND

UNIVERSAL SINGLE-SIDED TAPE WITHOUT RELEASE LAYER



For more information, see the "TAPES, MEMBRANES, SEALANTS AND FIRE PROTECTION" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



MEMBRANE ROLL

UNWINDER FOR SELF-ADHESIVE MEMBRANES



CODES AND DIMENSIONS

CODE	description	length	pcs
MEMROLL	unwinder for membranes	165 cm 65"	1

DEFENCE ADHESIVE SPEEDY

SELF-ADHESIVE PROTECTIVE MEMBRANE WITHOUT RELEASE LINER

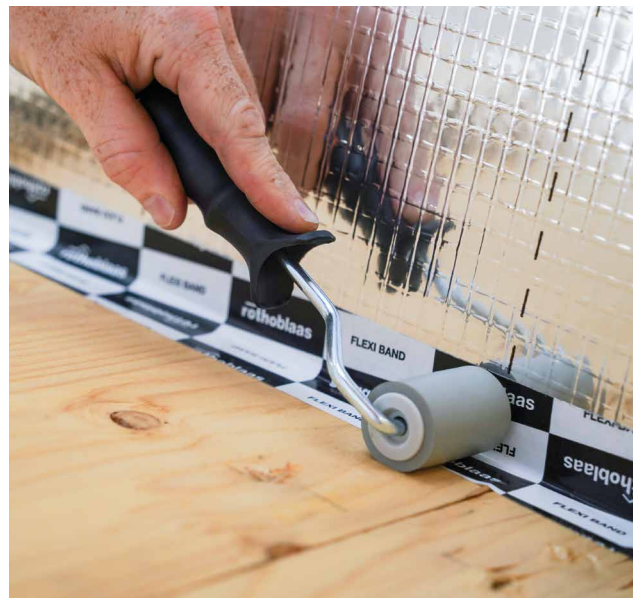


For more information, see the "TAPES, MEMBRANES, SEALANTS AND FIRE PROTECTION" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



ROLLER

ROLLER FOR TAPES



CODES AND DIMENSIONS

CODE	description	width		pcs
		[mm]	[in]	
RLL50	PUR roller	50	1 15/16	1

KOMPRI CLAMP

EXPANDING TAPE STAPLE



1

2



CODES AND DIMENSIONS

CODE		opening dimensions		pcs
		[mm]	[in]	
1	KOMPRICLAMPS	0-30	0 - 1 3/16	5
2	KOMPRICLAMPL	40-95	1 9/16 - 3 3/4	5

■ **EXPAND BAND**
SELF-EXPANDING SEALING TAPE

■ **WINDOW BAND**
SELF-EXPANDING SEALING TAPE
FOR WINDOWS/DOORS



For more information, see the "TAPES, MEMBRANES, SEALANTS AND FIRE PROTECTION" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.

PICARD 790

PROFESSIONAL HAMMER

- Forged in one piece, with untreated premium-grade leather grip
- The balanced handle ensures excellent control and maximum impact force
- Flat smooth head, carefully hardened; also available with knurled head on request



CODES AND DIMENSIONS

CODE	length		weight head		total weight		pcs
	[mm]	[in]	[g]	[lbs]	[g]	[lbs]	
PIC790	317	12 1/2	600	1.32	950	2.09	1



PICARD 600

A CLASSIC

- The specially developed two-component plastic securely bonds the handle to the grip, ensuring 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 knurled surface on request



CODES AND DIMENSIONS

CODE	length		weight head		total weight		pcs
	[mm]	[in]	[g]	[lbs]	[g]	[lbs]	
PIC600	320	12 5/8	600	1.32	780	2.09	1



CHISEL

HIGH-QUALITY CHISEL WITH ERGONOMIC GRIP

- Extra-strong and long blade for greater precision
- Sharp, ready to use cutting edge



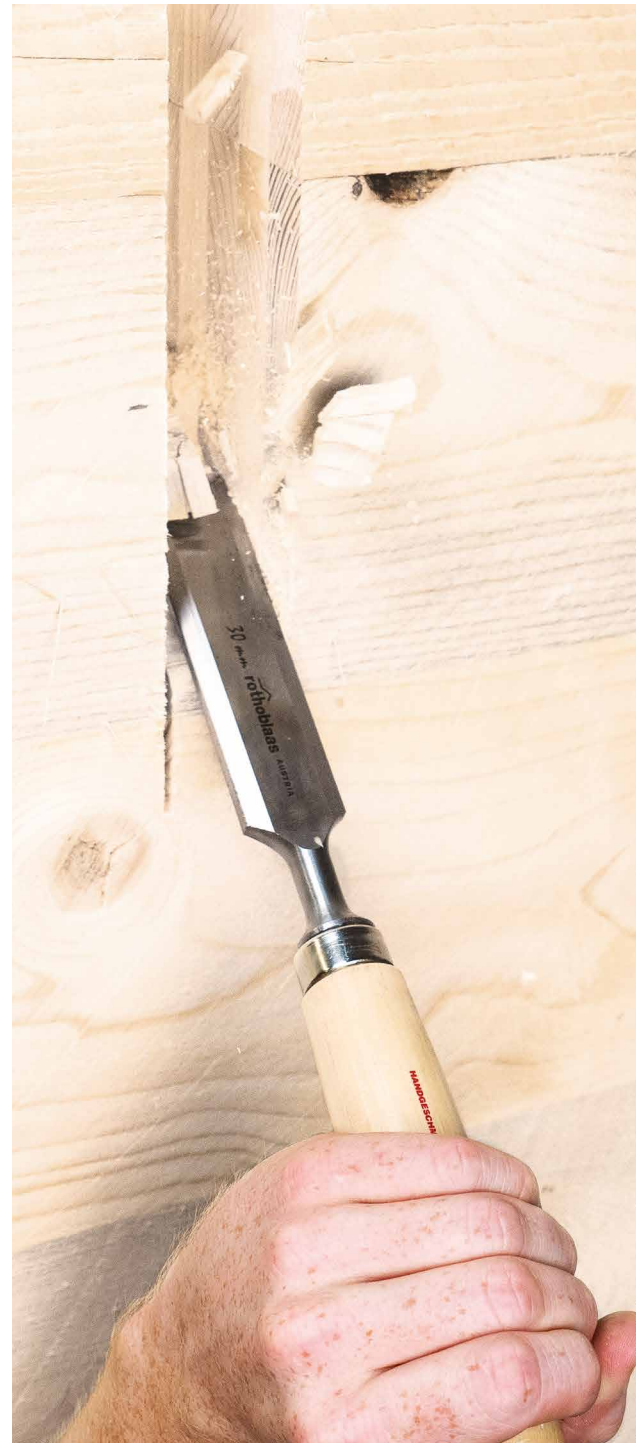
CODES AND DIMENSIONS

	CODE	blade length		blade length		pcs
		[mm]	[in]	[mm]	[in]	
1	STUK10	10	3/8	122	4 13/16	1
	STUK12	12	1/2	125	4 15/16	1
	STUK14	14	9/16	125	4 15/16	1
	STUK16	16	5/8	126	4 15/16	1

	CODE	blade length		blade length		pcs
		[mm]	[in]	[mm]	[in]	
2	STUW30	30	1 3/16	176	6 15/16	1
	STUW40	40	1 9/16	184	7 1/4	1

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	size		pcs
		[mm]	[in]	
CHEW	grinding wheel for sharpening	approx. 90 x 40 x 20	3 1/2 x 1 9/16 x 13/16	1



MATERIAL

Chisel made of high-alloy tool steel (WS), wear-resistant with durable sharpening. Knotless hornbeam and highly impact-resistant polypropylene (PP) handle.

FIELDS OF USE

Essential chisel for multiple woodworking applications. The accessories help maintain sharpness and improve usability.

TALON ANKER

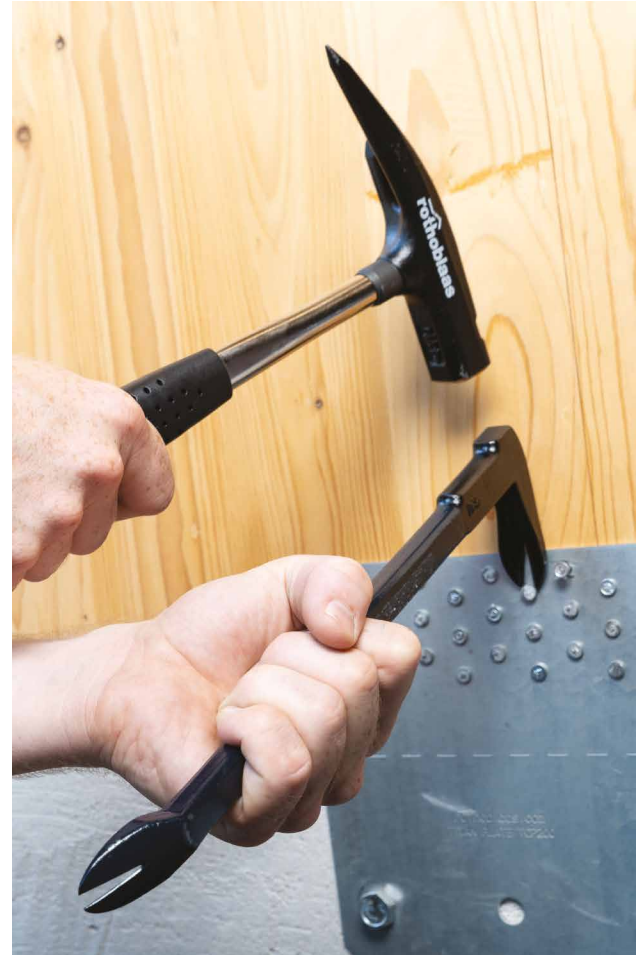
ANKER NAIL PULLER

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



CODES AND DIMENSIONS

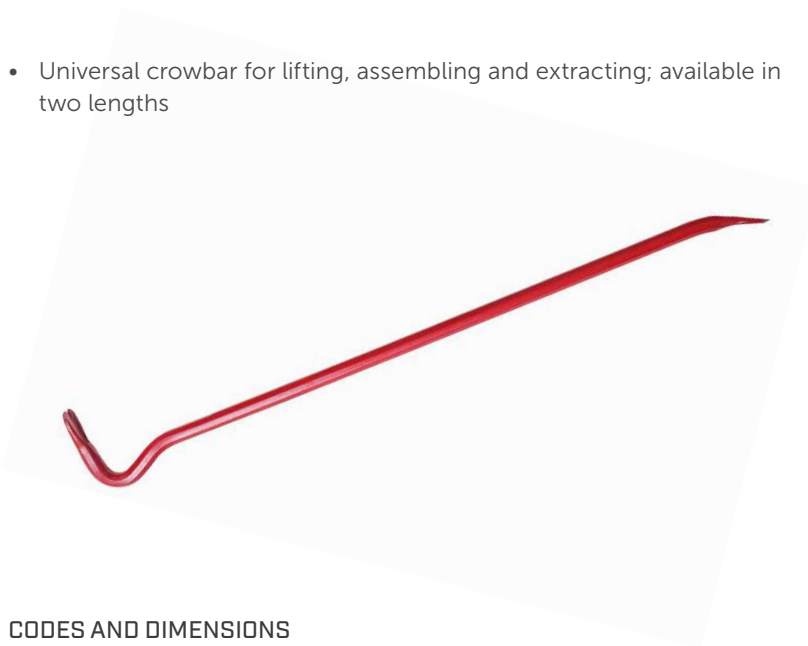
CODE	length		pcs
	[mm]	[in]	
TALANK	360	14 1/4	1



GORILLA NAIL

CROWBAR

- Universal crowbar for lifting, assembling and extracting; available in two lengths



CODES AND DIMENSIONS

CODE	length		pcs
	[mm]	[in]	
GOR60	600	23 5/8	1
GOR100	1000	39 3/8	1



ANT

LARGE LIFTING LEVER

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



CODES AND DIMENSIONS

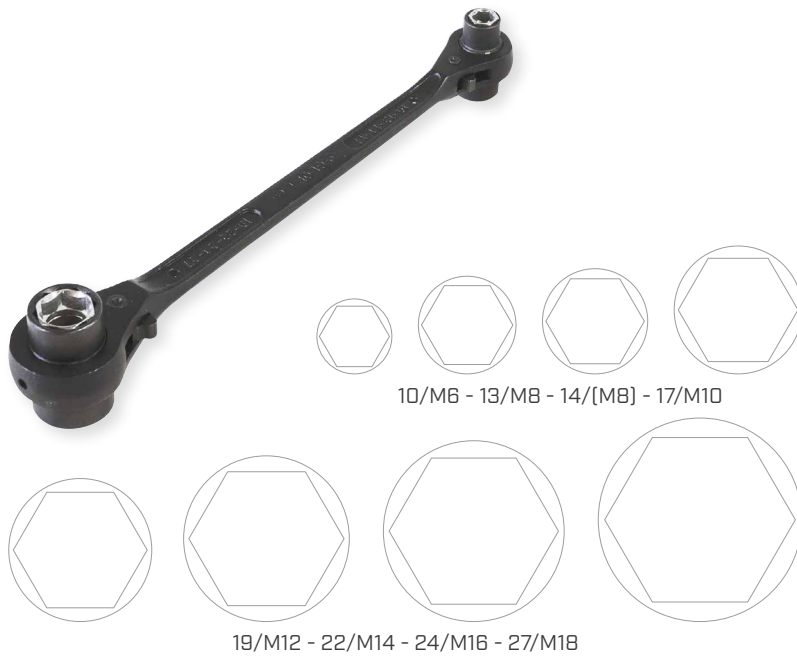
CODE	length		weight		pcs
	[mm]	[in]	[kg]	[lbs]	
ANT	1500	59 1/16	5,1	11.2	1



CRICKET

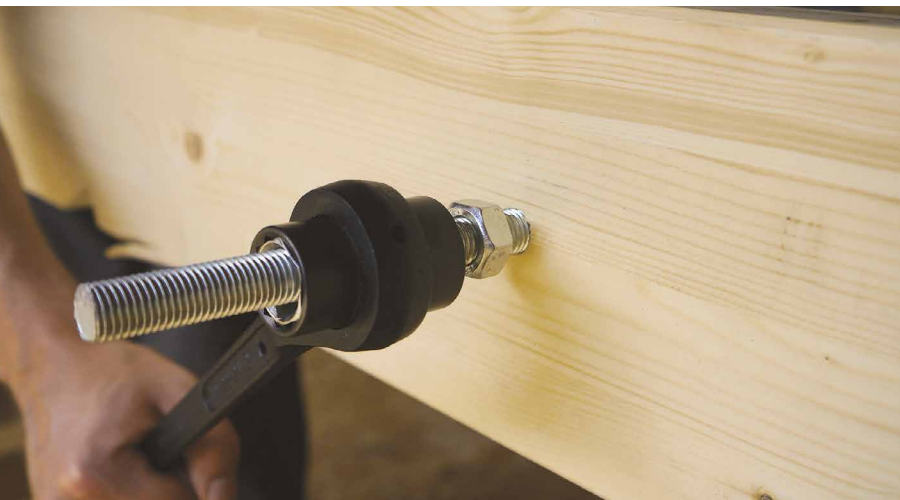
8 SIZES RATCHETING WRENCH

- Ratchet wrench with through-hole
- Includes 8 sockets in various sizes
- 4 ring spanners integrated into one practical tool



CODES AND DIMENSIONS

CODE	dimensions/thread [SW/M]	length [mm] [in]	pcs
CRICKET	10/M6 - 13/M8 14/(M8) - 17/M10	340 13 3/8	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

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



BEAR

BEAR2

CODES AND DIMENSIONS

CODE	dimensions	weight	tightening torque	pcs
	[mm] [in]			
BEAR	395 x 60 x 60	1075	10 - 50	1
	15 9/16 x 2 3/8 x 2 3/8	2.4	7 - 37	
BEAR2	535 x 60 x 60	1457	40 - 200	1
	21 1/16 x 2 3/8 x 2 3/8	3.2	29 - 147	

With 1/2" square drive.



TORSMART

DIGITAL ADAPTER FOR TIGHTENING TORQUE CONTROL

- Digital torque meter for accurate tightening torque control
- TORSMART is simply inserted between the tool (drill or wrench) and the socket
- It precisely measures the tightening torque, stores the data, and transmits it to the dedicated app for analysis. An acoustic signal indicates when the preset torque limit has been reached



CODES AND DIMENSIONS

CODE	torque range		pcs
	[Nm]	[ft-lbs]	
TORSMART80	8 - 80	6 - 60	1
Torque range	8 - 80 Nm		
Connection	3/8" (9,5 mm)		
Dimensions (diameter x length)	42 x 75 mm		
Weight	160 g		

Power supply: rechargeable battery, supplied with USB cable - charger not included.

To operate, TORSMART must be connected via Bluetooth® through the Hydrajaws Verify application.

CE



APP DOWNLOAD
Download the Hydrajaws Verify App to use TORSMART



TORQUE LIMITER

TORQUE LIMITER

SAFE INSERTION

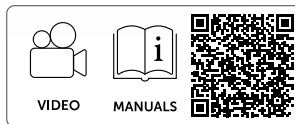
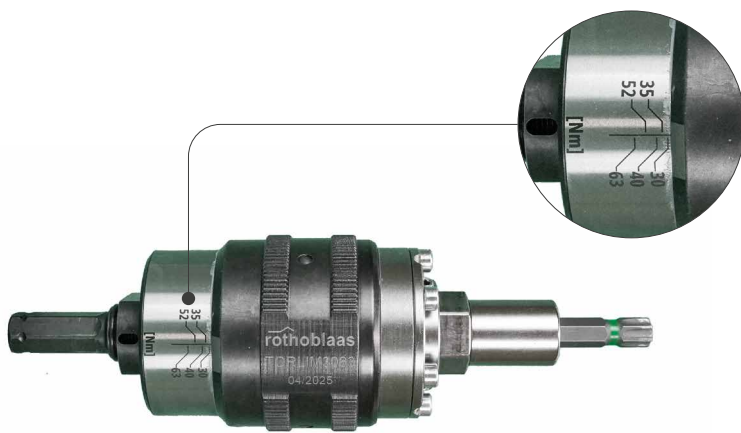
Particularly useful in metal-to-timber connections, the TORQUE LIMITER ensures controlled tightening without exceeding the maximum torque of the fasteners.

NEW VERSION WITH ADJUSTABLE TORQUE

The two versions cover the most common torque ranges and allow easy adjustment of the tightening value, visible on the graduated scale.

MINIMAL MAINTENANCE

The internal clutch ensures permanent lubrication, minimising the need for periodic maintenance.



CODES AND DIMENSIONS

CODE	stop torque		L		weight		pcs
	[Nm]	[ft-lbs]	[mm]	[in]	[g]	[lbs]	
TORLIM1235 incl. TORLIMBIT + TX4050	12 - 35	9 - 26	135	5 5/16	730	1.61	1
TORLIM3063 incl. TORLIMBITL + TX5050	30 - 63	22 - 46	135	5 5/16	1180	2.6	1



MORE IS NOT ALWAYS BETTER – HOW MUCH FORCE IS REALLY NEEDED?

When fastening screws into metal plates, excessive torque can compromise the integrity of the connection. It is crucial not to exceed the specified maximum values to prevent damage to the components.

COMPONENTS



COMPLEMENTARY PRODUCTS - ACCESSORIES



CODE	description	pcs
1 TORLIMBIT	1/4" bit holder adapter for TX40 bit	1
2 TORLIMBITL	5/16" bit holder adapter for TX50 bit	1
3 TORLIMSOCKET	1/2" square insert adapter	1

INSTRUCTIONS FOR USE

Read the TORQUE LIMITER user manual before use. Included with the product and available at www.rothoblaas.com.



Accurately check the torque limit value specified for the screw.



Set the TORQUE LIMITER to the correct torque value.



Perform an initial torque check with a torque wrench.



During tightening, the TORQUE LIMITER disengages at the set torque value.



Turn the outer sleeve to reset the TORQUE LIMITER.

MARLIN

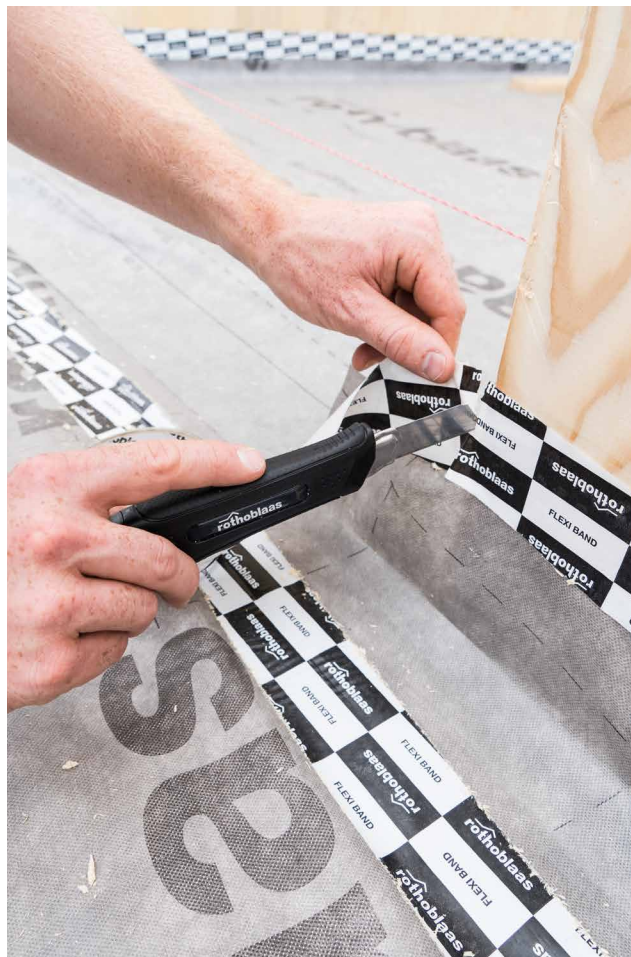
CUTTER ALLROUND

- 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
- The soft support makes it even easier to apply maximum pressure with your thumb



CODES AND DIMENSIONS

CODE	description	pcs
CUTTER	cutter with 5 spare blades	1
CUT60	spare trapezoidal blade	10



WINGS

DRAWKNIFE

- Made of high-quality forged, hardened and sharpened steel, with concave-ground blade; PVC blade guard



CODES AND DIMENSIONS

CODE	length		pcs
	[mm]	[in]	
WINGS	240	9 1/2	1



CANARY

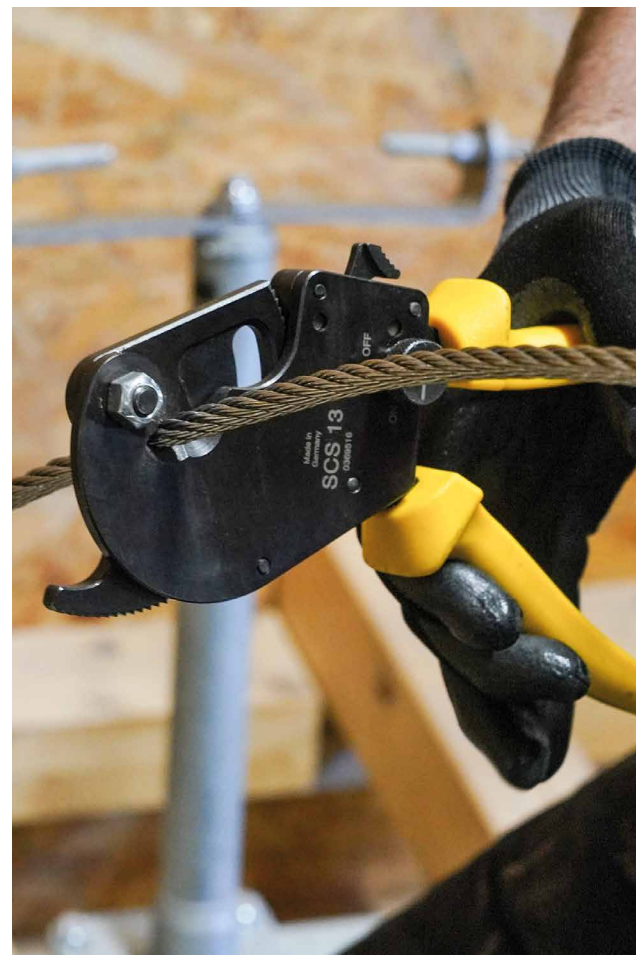
SINGLE-HANDED SHEARS FOR WIRE ROPES

- For flexible wire ropes up to max. 13 mm | 0.512 inch
- For stainless steel, high-density wire ropes up to max. 10 mm | 0.394 inch



CODES AND DIMENSIONS

CODE	length		weight		pcs
	[mm]	[in]	[kg]	[lbs]	
CANARY	245	9 5/8	0,9	1.98	1



KOI

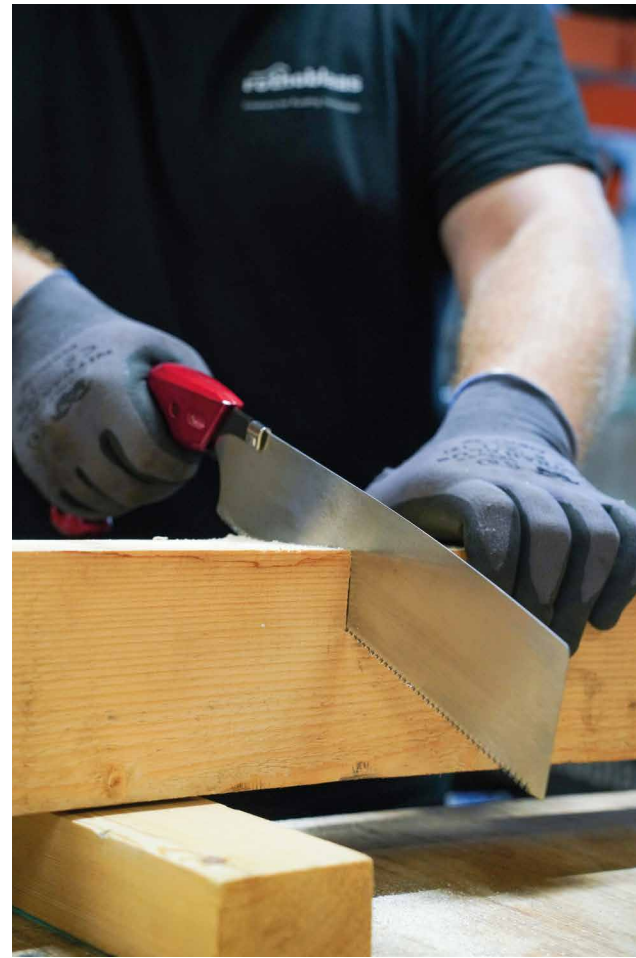
TAJIMA CARPENTER'S SAW

- 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
- 13 TPI (threads per inch)



CODES AND DIMENSIONS

CODE	description	blade length		pcs
		[mm]	[in]	
KOI30	japanese hand saw	300	11 3/4	1
KOI30R	spare blade	300	11 3/4	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
- 16 TPI (threads per inch)



CODES AND DIMENSIONS

CODE	description	blade length		pcs
		[mm]	[in]	
FUGU265	precision saw	265	10 7/16	1
FUGU265R	spare blade	265	10 7/16	1



KAMASU

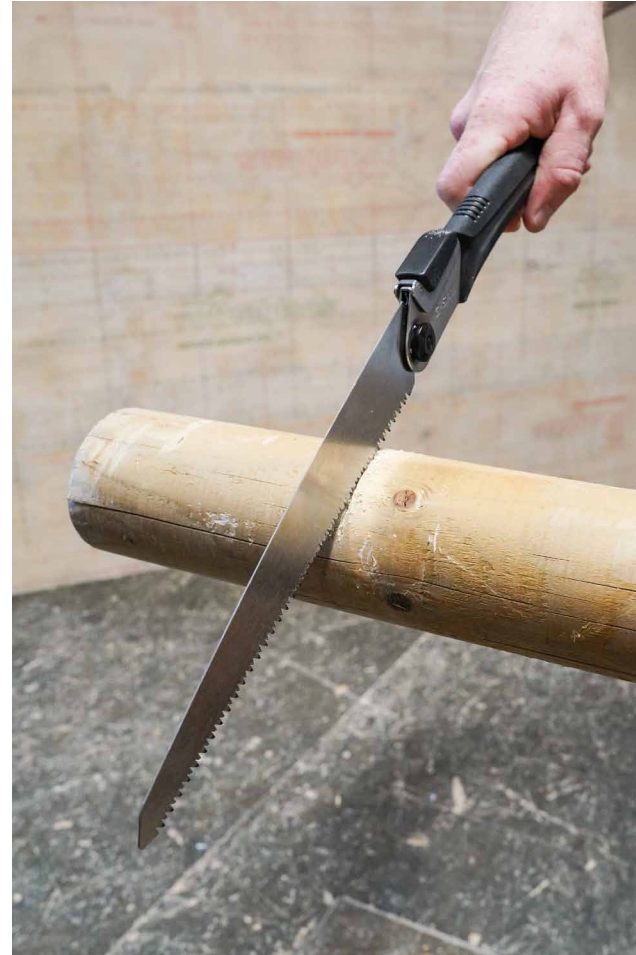
FLICK SAW

- Comfortable elastomer grip with hole for a safety lanyard
- Folding saw with high-speed blade
- 9 TPI (threads per inch)
- Cut width 1 mm



CODES AND DIMENSIONS

CODE	description	blade length		pcs
		[mm]	[in]	
KAMASU240	folding saw	240	9 1/2	1
KAMASU240R	spare blade	240	9 1/2	1



LAMA

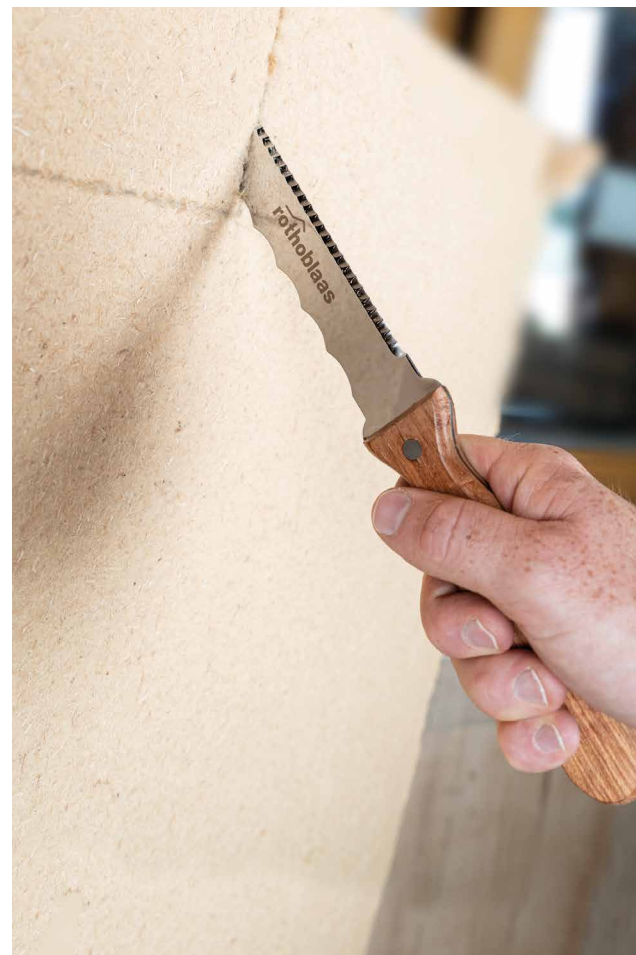
KNIFE FOR INSULATION MATERIAL

- It can be used on both sides, with 2 mm thick stainless steel blade
- Ergonomic grip for precise handling of insulation materials



CODES AND DIMENSIONS

CODE	blade length		weight		pcs
	[mm]	[in]	[g]	[lbs]	
LAMA	280	11	175	0.38	1



BEAVER

CARPENTER'S SQUARE

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



CODE	version	size		pcs
		[mm]	[in]	
BEAVER	metric	800 x 320 x 1,2	31 1/2 x 12 1/16 x 1/16	1
BEAVERIN	imperial	795 x 315 x 1,2	31 5/16 x 12 3/8 x 1/16	1



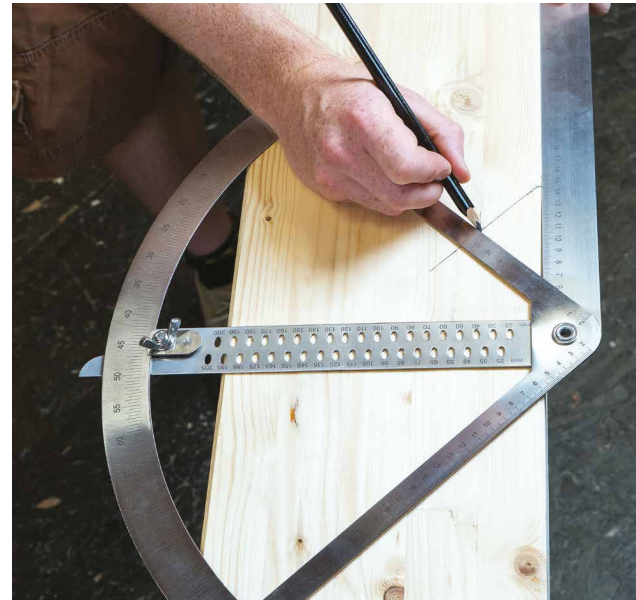
PEACOCK

ALFA SQUARE

- Reliable alpha square for carpentry shaping operations



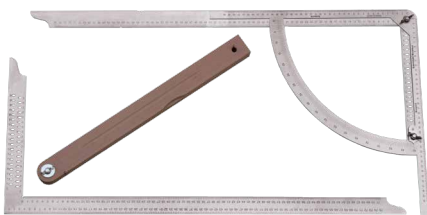
CODE	version	size		step degrees	pcs
		[mm]	[in]		
PCK8043	metric	800 x 430 x 5	31 1/2 x 16 15/16 x 3/16	0,5°	1
PCK8043IN	imperial	800 x 430 x 5	31 1/2 x 16 15/16 x 3/16	0,5°	1
PCK9048	metric	900 x 480 x 5	35 1/2 x 19 x 3/16	0,25°	1



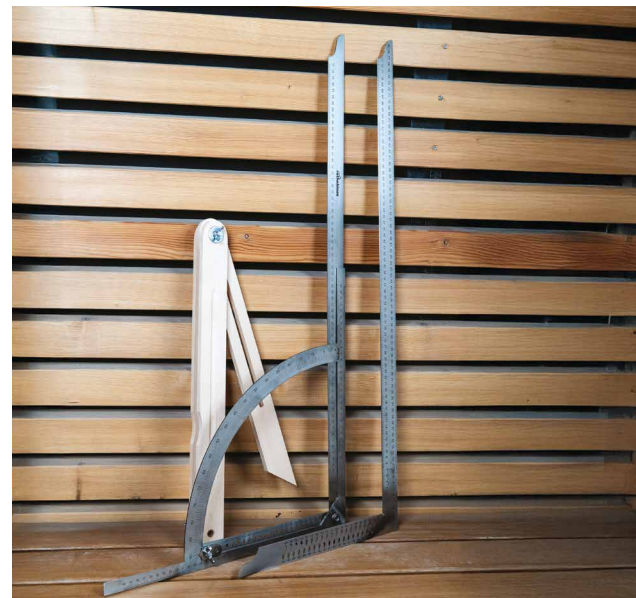
BEEKIT

COMPLETE SET OF CARPENTER'S SQUARES

- Three classic marking tools in one set: carpenter's square, rafter square and sliding T bevel



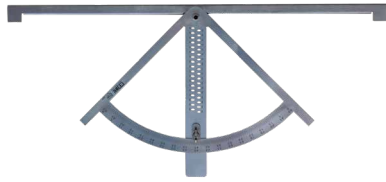
CODE	description	pcs
BEEKIT	carpenter's square, alfa square and sliding T bevel	1



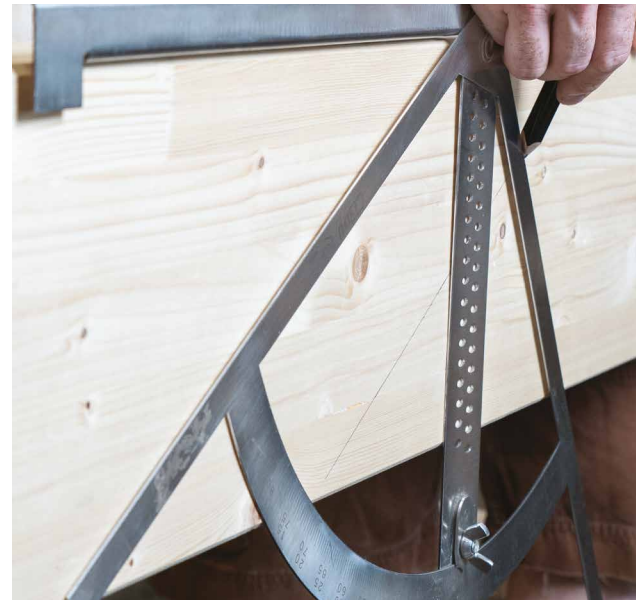
PEACOCK DUO

ALFA DOUBLE SQUARE

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



CODE	size		step degrees	pcs
	[mm]	[in]		
PCKD8043	800 x 360 x 5	31 1/2 x 14 1/4 x 3/16	0,5°	1



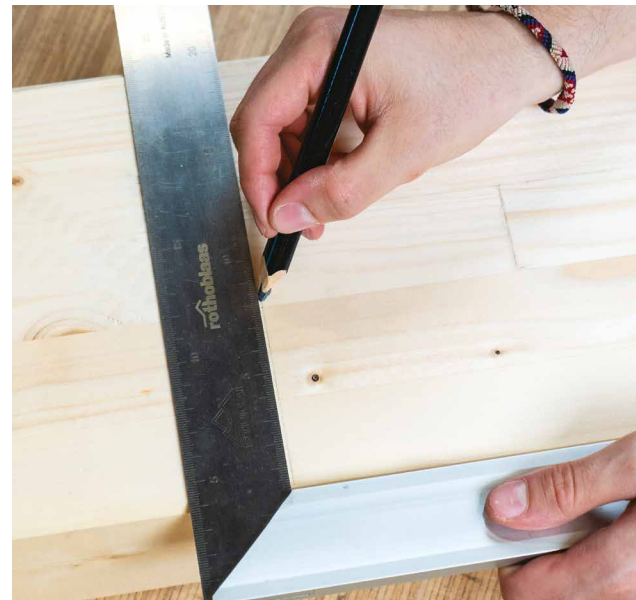
EMU

ALUMINIUM CARPENTER'S SQUARE

- With indication of measurements on both sides



CODE	size		flange width		weight		pcs
	[mm]	[in]	[mm]	[in]	[g]	[lbs]	
EMU2515	250 x 150	10 x 6	40	1 9/16	240	0.53	1
EMU4020	400 x 200	15 3/4 x 8	40	1 9/16	360	0.79	1



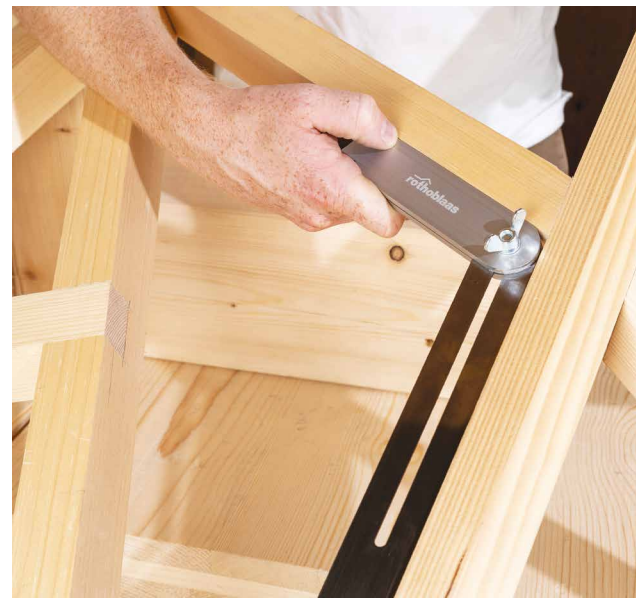
FLAMINGO

ALUMINUM SLIDING T BEVEL

- Small tools for precise transfer of angles and inclinations
- With mobile spring steel guide



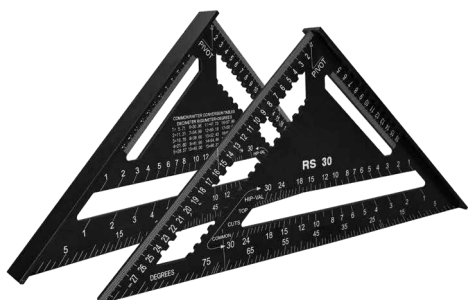
CODE	size		flange width		weight		pcs
	[mm]	[in]	[mm]	[in]	[g]	[lbs]	
FLAMINGO	300	11 3/4	35	1 3/8	215	0.47	1



KIWI

CARPENTER'S SQUARE WITH STOP ANGLE

- Multi-function angle, lightweight and robust: ruler, try square, mitre angle, protractor, marking guide, saw and blade guide for beams
- Integrated stop for precise marking at **90° and 45°**



CODES AND DIMENSIONS

CODE	version	L	B	pcs
KIWIMET	metric	305 mm	305 mm	1
KIWIMP	imperial	12 in	12 in	1



MISULASER

100 m LASER DISTANCE METER

- MISULASER enables single and continuous surface and volume measurements, Pythagorean theorem calculations, as well as addition/subtraction and angle measurements from **-90° to +90°**
- Measurement range: **0.05 – 100 m** with measurement tolerance ± 2.0 mm
- Units: **m/ft/inch**
- Power supply: internal lithium-ion battery (3.7 V), rechargeable via USB-C (5 V)



CODES AND DIMENSIONS

CODE	description	dimension [mm] [in]	weight [kg] [lbs]	pcs
MISULASER	100 m 328 ft laser distance meter	112 x 50 x 25 4 7/16 x 2 x 1	0,22 0,49	1



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		pcs
	[mm]	[in]	
HER050	500	19 3/4	1
HER100	1000	39 3/8	1



HERON XL

HORIZONTAL AND VERTICAL PRECISION SPIRIT LEVEL

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



CODES AND DIMENSIONS

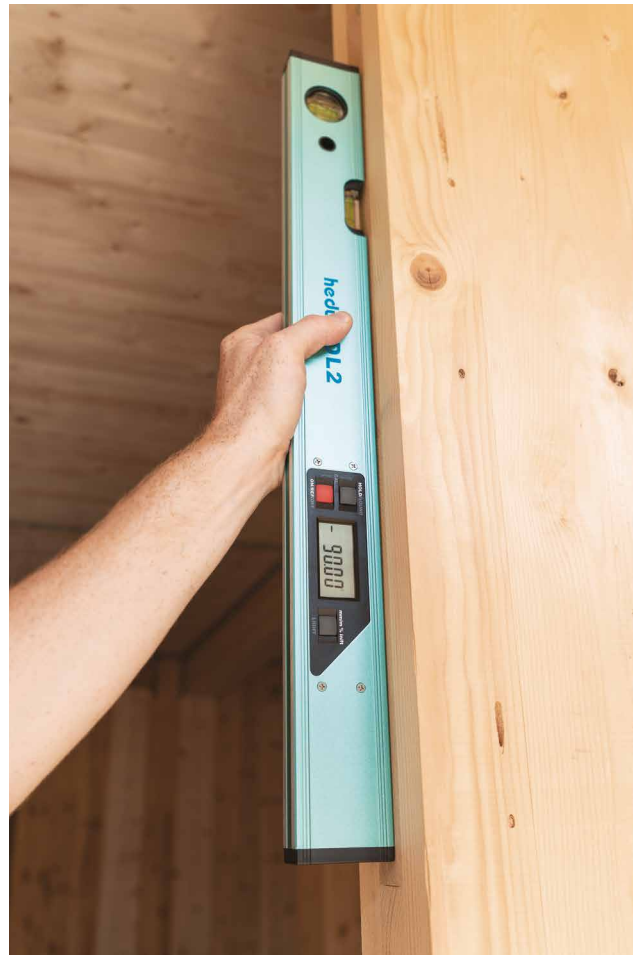
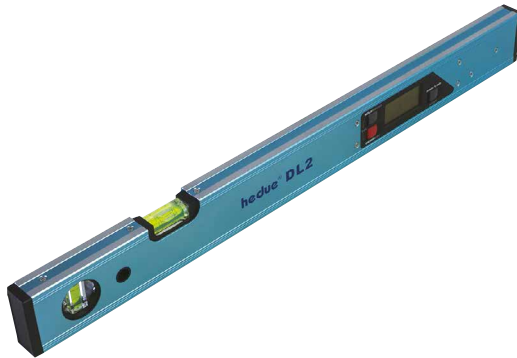
CODE	size		pcs
	[mm]	[in]	
HERXL	2000	78 3/4	1



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		pcs
	[mm]	[in]	
HERDGT	600	23 5/8	1

HERON ANGLE

DIGITAL ANGLE MEASURING DEVICE

- Allows quick calculation of the complementary angle using the reset function in any position
- Backlit LCD display with large digits for easy reading



CODES AND DIMENSIONS

CODE	length		weight		measuring rang	pcs
	[mm]	[in]	[kg]	[lbs]		
HERANG	348	13 11/16	0,46	1.01	0° - 180°	1

ARMADILLO

POLYESTER TAPE HOLDER FOR PACKAGES

- Breaking load 20% higher than similar steel tapes, 100 % UV and weather resistant (leaves no rust or dents in the timber)
- Simple to load, by hand or with tensioner; the slacked tapes can be tightened again for re-use

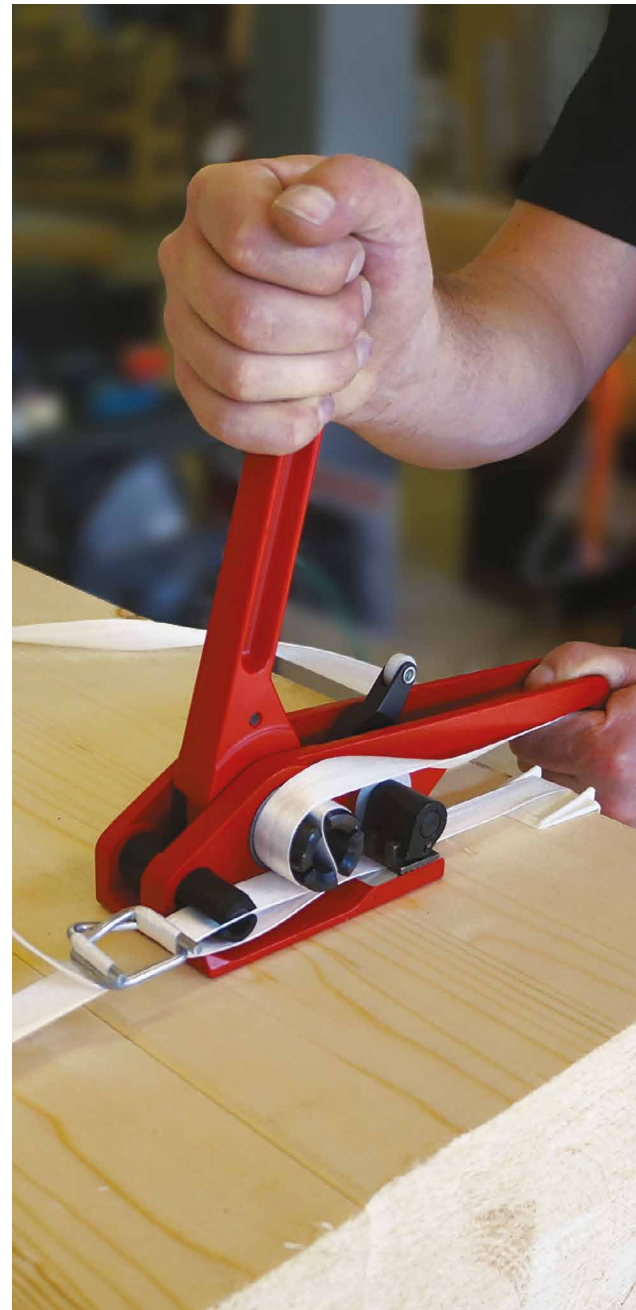


CODES AND DIMENSIONS

CODE	description	pcs
1 ARMAHOLD	tape holder	1
2 ARMATIGHT	tightening device	1
3 ARMAPIN	needle for pallets 1,5 m 4' 11"	1
4 ARMAANGL	angle guards	2500

COMPLEMENTARY PRODUCTS - ACCESSORIES

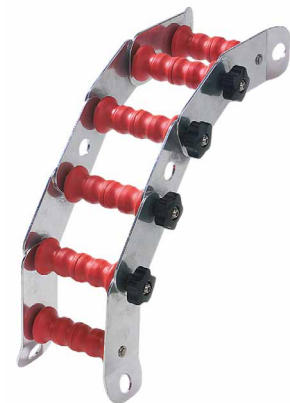
CODE	description	width		length		pcs
		[mm]	[in]	[m]	[ft]	
ARMARIB19	polyester tape	19	0.748	600	1968	1
ARMATING	staples	19	0.748	-	-	500



EDGE PRO

LIGHT ALUMINIUM ALLOY ROLLER FOR ROPE MOVEMENT

- Made of aluminium alloy for optimal weight
- Modular device with 5 articulated elements suitable for any type of terrain
- Double nylon rollers for independent movement of two ropes, even in different directions



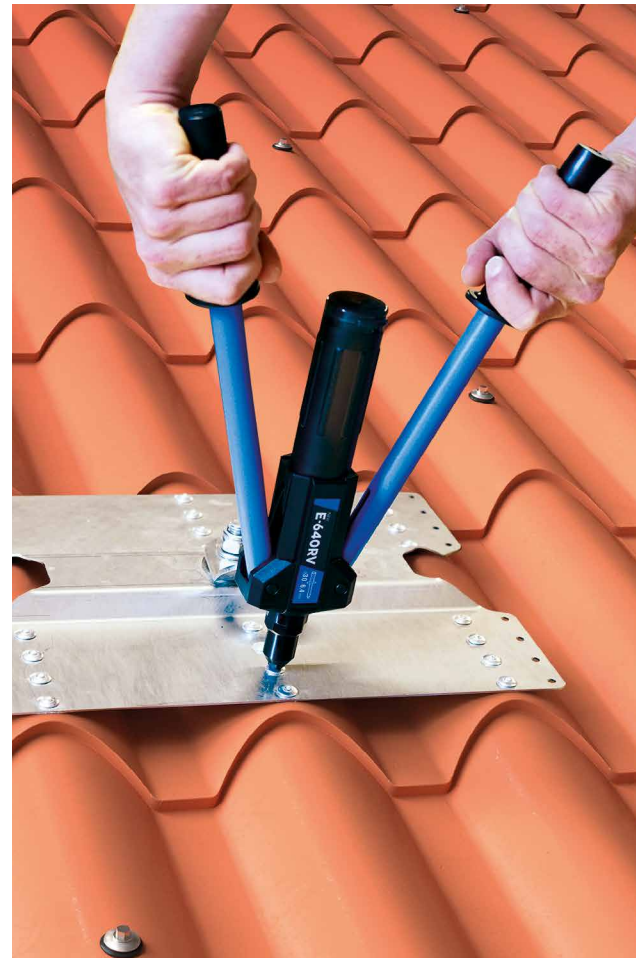
CODES AND DIMENSIONS

CODE	material	weight		pcs
		[g]	[lbs]	
EDGEPRO	aluminium / nylon alloy	1650	3.64	1

FINCH

PROFESSIONAL RIVETING MACHINE

- Light and manoeuvrable
- Ideal for large and structural rivets



CODES AND DIMENSIONS

CODE	Ø rivets [mm] [in]	weight [kg] [lbs]	pcs
FINCH3064	3,0 - 4,0 - 4,8 - 6,4 0.118 - 0.157 - 0.189 - 0.252	1,4 3.09	1

BIRD

BATTERY-OPERATED RIVETING MACHINE

- Ergonomic and lightweight
- Excellent manoeuvrability even in tight spaces
- Equipped with two batteries with charger
- Up to 1400 rivets on one charge



CODES AND DIMENSIONS

CODE	battery [Ah]	Ø rivets [mm] [in]	weight [kg] [lbs]	strength [N] [lbf]	pcs
BIRD5277	2,0	5,2 - 6,4 - 7,7 0.205 - 0.252 - 0.303	2,15 4.74	12.000 2250	1

POUCH

TOOL BAG

- 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.

RBMET

FOLDING RULER



CODES AND DIMENSIONS

CODE	size		pcs
	[m]	[in]	
RBMET	2	78 3/4	1

Metric units

SNAIL

MEASURING TAPE



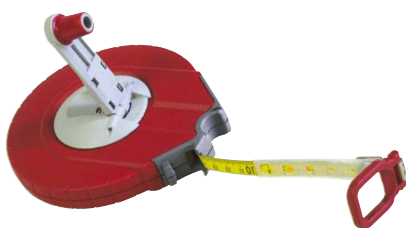
CODES AND DIMENSIONS

CODE	size		pcs
	[m]	[ft]	
SNAIL5	5	16' 5"	1
SNAIL8	8	26' 3"	1

Metric units

MANTA

TAPE WHEEL, STEEL



CODES AND DIMENSIONS

CODE	size		pcs
	[m]	[in]	
MNT25	25	82 1/4	1

Metric units

MESH

UNIVERSAL ROPE WITH WINDING REEL

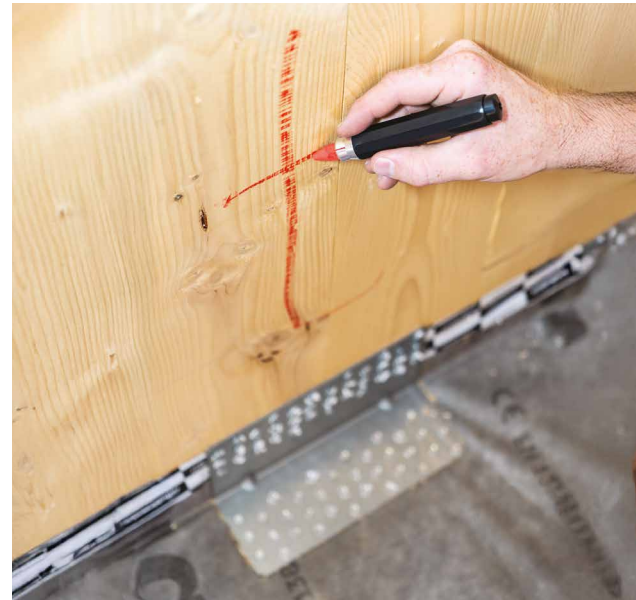


CODES AND DIMENSIONS

CODE	size		pcs
	[m]	[ft]	
MESH	50	164	1

BRANCH

UNIVERSAL PASTEL CASE



CODES AND DIMENSIONS

CODE	size		pcs
	[mm]	[in]	
BRANCH	115	4 1/2	1

PARROT

OIL-BASED INDUSTRIAL PASTELS, PERMANENT MARKERS



CODES AND DIMENSIONS

CODE	description	size		pcs
		[mm]	[in]	
PARRED	red	120	4 3/4	1
PARBLU	blue	120	4 3/4	1
PARYEL	yellow	120	4 3/4	1

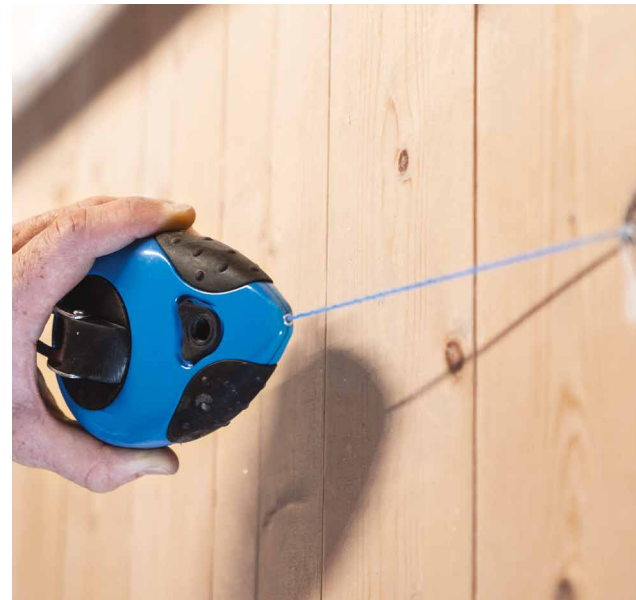
COSMOS

POWDER MARKER WITH ALUMINIUM CASING - FAST REWIND



CODES AND DIMENSIONS

CODE	description	size		pcs
		[m]	[in]	
COSMOS	marker	30	1 3/16	1
COSMOS2	spare rope	30	1 3/16	1



CHAMELEON

POWDER MARKER WITH PLASTIC HOUSING



CODES AND DIMENSIONS

CODE	description	size		pcs
		[m]	[in]	
CHAM	marker - single	30	1 3/16	1
CHAMDB	marker - double	30	1 3/16	1
CHAM2	spare rope	30	1 3/16	1



POWDER

POWDER FOR MARKER



CODES AND DIMENSIONS

CODE	description	content		pcs
		[g]	[lbs]	
POWBLU	blue	400	0.88	1
POWRED	red	400	0.88	1



CONSTRUCTION SITE SAFETY

CONSTRUCTION SITE SAFETY

HELMETS

HERO	92
POP	95

KIT

KIT ROOF BASE	96
KIT ROOF MID	96
KIT ROOF PRO	96
KIT SCAFFOLD BASE	97

STOP DEVICES

FALL BLOCK	98
STRAP	98

VEST	99
------------	----

GLOVES

GLOVE BASE	100
GLOVE MID	100
GLOVE PRO	101

HARNESSES

HESTIA	102
BIA	102
METIS ANSI	103
IRIS	103

TOOLGRAB	104
----------------	-----

CARABINERS

CLASSIC	105
OVAL	105
XXL	105

ROPES

DOUBLE SICUROPE	106
SCAFFOLD DUO	106
SICUROPE	106
ENERGY	107
PLATROPE	107
LINOSTOP	107

EYE AND EAR PROTECTION

GLASS 1	108
GLASS 2	108
HEADPHONE	108
RSBAG	108
RBBAG	108
MULE	109

TEMPORARY FALL PROTECTION NETS

HORIZONTAL NET	110
VERTICAL NET	111
FRAME NET	111

TEMPORARY RAILING BARRIERS

EDGE TEMP 1	112
EDGE TEMP 2	112
EDGE TEMP 3	113
EDGE TEMP 4	113

TEMPORARY LIFELINE

TEMPORARY	114
HOLD-SYSTEM®	114

ANCHOR POINTS

MOBILE	115
ROD	115
KITE	116

ESTRO	118
-------------	-----

HELMET FOR WORK AT HEIGHT, ON CONSTRUCTION SITE OR IN INDUSTRIAL AREAS

VERSATILE

Available in multiple versions and colours, the HERO helmet complies with the main certifications (EN, ANSI, AS/NZS). Ideal for both work at height and other industrial contexts.

ERGONOMIC

Lightweight, with a sporty design, featuring wheel ratchet size adjustment. Ventilation ensures comfort even on the hottest days. Available in various colours and customisable with your logo.

ACCESSORIES

Designed to meet all needs, the HERO helmet is compatible with accessories such as ear muffs, lights and sun shields, facilitating work in all environments and conditions.



CODES AND CHARACTERISTICS



HERO



HEROW

HEROORA

HERORED

HEROYEL

HEROYELHV





















HEROGREEN

HEROBLUE

HEROBLA

CODE	standard	description	material	weight [g]	colour	size	pcs
HERO	EN 397 Type II, EN 12492	grey colour helmet for working at height	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROW	EN 397 Type II, EN 12492	white colour helmet for working at height	ABS	410	○	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROORA	EN 397 Type II, EN 12492	orange colour helmet for working at height	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HERORED	EN 397 Type II, EN 12492	red colour helmet for working at height	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROYEL	EN 397 Type II, EN 12492	yellow colour helmet for working at height	ABS	410	○	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROYELHV	EN 397 Type II, EN 12492	high-visibility yellow colour helmet for working at height	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROGREEN	EN 397 Type II, EN 12492	green colour helmet for working at height	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROBLUE	EN 397 Type II, EN 12492	blue colour helmet for working at height	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROBLA	EN 397 Type II, EN 12492	black colour helmet for working at height	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HERODIEL	EN 397 Type II, EN 50365:2023	grey colour dielectric helmet	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROANS	ANSI Z89.1 Type II, Class C	grey colour helmet for working at height with ANSI certification	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROWANS	ANSI Z89.1 Type II, Class C	white colour helmet for working at height with ANSI certification	ABS	410	○	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROASNZ	AS/NZS 1801:1997	grey colour helmet for working at height with AS/NZS certification	ABS	410	●	UNI 53 - 63 cm UNI 21" - 24 13/16"	1
HEROWASNZ	AS/NZS 1801:1997	white colour helmet for working at height with AS/NZS certification	ABS	410	○	UNI 53 - 63 cm UNI 21" - 24 13/16"	1

COMPLEMENTARY PRODUCTS

CODE	standard	description	weight [g]	pcs	
HEROEAR31	CE - EN 352-3	set of earmuffs - 31 dB	315	1	
HEROVISWHITE	CE - EN 166	clear visor	52	1	
HEROVISDARK	CE - EN 166 EN 172	smoked visor	52	1	
HEROVISCLIP	-	replacement adapter for visors kit	22	1	
HEROVISCOVER	-	visor protection	67	1	
HEROVISFULL	ISO 16321-1	full-face visor for face protection	133	1	
HEROVISMESH	ISO 16321-3	full-face mesh visor for face protection suitable for arborists	116	1	
HERONEC	-	neck cover	25	1	
HEROHAT	-	full sun protection sombrero	84,5	1	
HEROHOLDER	-	business card holder	3	1	
HEROSTRA397	-	chinstrap for EN 397	42	1	
HEROSTRA12492	-	chinstrap for EN 12492	42	1	
HEROBRIM	-	front visor for helmets	-	1	
HEROBAG	-	helmet carry bag	52,5	1	
HEROCLIP	-	replacement front clip kit	13	1	
HEROSIDE	-	replacement side adapter kit for mounting ear muffs and visors	5	1	
HEROPAD	-	replacement internal padding kit	20	1	
HEROHVSTICK	-	reflective stickers	7,5	1	
HEROLAMPHEAD	-	front lamp with elastic headband	-	1	
HEROLAMPFRONT	-	front-mounted lamp	-	1	

HELMET FOR WORKPLACE SAFETY, ON INDUSTRY AND CONSTRUCTION

- Adjustable chin strap with quick release for safe and easy use
- Internal padding for greater comfort and removable inner part for easy and thorough cleaning
- Rear reflective element for enhanced visibility during night work or low-light conditions
- Rear wheel ratchet size adjustment and top holes for improved ventilation



POP

POPGREY

POPYEL

CODES AND CHARACTERISTICS

CODE	standard	description	material	weight [g]	colour	size	pcs
POP	CE - EN 397	white colour safety helmet	ABS	396	○	UNI 54 - 63 cm UNI 21" - 24" 13/16"	1
POPGREY	CE - EN 397	grey colour safety helmet	ABS	396	●	UNI 54 - 63 cm UNI 21" - 24" 13/16"	1
POPYEL	CE - EN 397	yellow colour safety helmet	ABS	396	○	UNI 54 - 63 cm UNI 21" - 24" 13/16"	1

COMPLEMENTARY PRODUCTS

CODE	standard	description	weight [g]	pcs
HEROEAR31	CE - EN 352-3	set of earmuffs - 31 dB	315	1



KIT ROOF BASE

BASE KIT FOR WORKING ON ROOF



FAST LINK



LINOSTOP



POP



IRIS



RSBAG

CODE		pcs	
KITROOFBASE	FASTD	fast link in carbon steel, half-round "D" shape	1
	LINO10	guided type fall arrester with flexible anchor line	1
	POP	helmet for workplace safety, on industry and construction	1
	IRIS	complete harness for fall protection systems	1
	RSBAG	waterproof bag	1

KIT ROOF MID

INTERMEDIATE KIT FOR WORKING ON ROOF



FAST LINK



DOUBLE SICUROPE



LINOSTOP



METIS



RSBAG

CODE		pcs	
KITROOFMID	FASTD	fast link in carbon steel, half-round "D" shape	1
	DSIC2	double arm rope with energy absorber	1
	LINO10	guided type fall arrester with flexible anchor line	1
	METISML	complete professional harness for fall protection systems	1
	RSBAG	waterproof bag	1

KIT ROOF PRO

PROFESSIONAL KIT FOR WORKING ON ROOF



BACK



ROPE1



SPARTA



RSBAG

CODE		pcs	
KITROOFPRO	BACK	fall arrester and positioning device	1
	ROPE115	semi-static rope with sewn eyelets and self-locking carabiner	1
	SPARTAML	complete professional harness for fall protection systems, positioning, rope access work	1
	RSBAG	waterproof bag	1

KIT SCAFFOLD BASE

BASE KIT FOR WORKING ON SCAFFOLDING



FAST LINK



ENERGY



POP



IRIS



RSBAG

CODE			pcs
	FASTD	fast link in carbon steel, half-round "D" shape	1
	ENERGY	adjustable rope with energy absorber	1
KITSCAFFBASE	POP	helmet for workplace safety, on industry and construction	1
	IRIS	complete harness for fall protection systems	1
	RSBAG	waterproof bag	1

Put yourself on display, not at risk

Showcase safety with our practical and functional display, designed to organise and highlight essential products for protecting those who work at height.

Ask your trusted agent for a copy

rothoblaas.com/safe



rothoblaas

Solutions for Safety

FALL BLOCK

CE

RETRACTABLE DEVICE WITH STEEL CABLE

- Equipped with ultra-resistant ABS shell, spliced metal cable with reel and double safety lever connector with twist-proof swivel
- The 10 m version is suitable for both horizontal and vertical use
- The 15 and 20 m versions comply with CE EN 360 and ATEX II 2 G c T6 standards for the regulation of tools intended for use in potentially explosive atmospheres



FAL15 - FAL20

FAL10

CODES AND DIMENSIONS

CODE	standard	L		weight [kg]	pcs
		[m]	[ft]		
FAL10	CE - EN 360	10	32' 9 3/4"	4,6	1
FAL15	CE - EN 360 - ATEX II 2 G c T6	15	49' 2 1/2"	7,2	1
FAL20	CE - EN 360 - ATEX II 2 G c T6	20	65' 7 3/8"	7,7	1

STRAP

CE

RETRACTABLE DEVICE

- External energy absorber with protective cover that can be opened for inspection
- Equipped with swivel top anchor point and twist-lock connector with twist-proof swivel
- Suitable for both vertical and horizontal configurations
- STRAP2 version is also suitable for drop factor 2



STRAP2

STRAP6

CODES AND DIMENSIONS

CODE	standard	L		weight [kg]	pcs
		[m]	[ft]		
STRAP2	CE - EN 360	2	6' 6 3/4"	0,9	1
STRAP6	CE - EN 360	6	19' 8 1/4"	2,4	1

VEST



HIGH-VISIBILITY GARMENT

MAXIMUM VISIBILITY

This vest, made from neon fabric and equipped with 2-inch reflective strips, ensures excellent visibility even in low-light conditions.

COMFORTABLE

Made of 100% polyester tricot, this vest offers excellent breathability and durability.

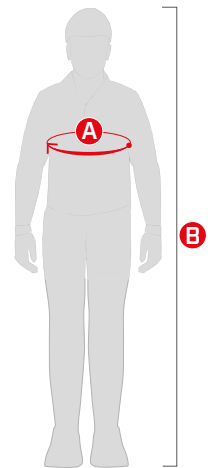
VERSATILE

The multipurpose pockets, zipper closure and wide range of sizes and colours ensure a perfect fit for everyone.



CODICI E CARATTERISTICHE

CODE	standard	material	colour	size	A [cm] [in]	B [cm] [in]	pcs
VESTOZIPM	CE EN ISO 20471:2013 + A1:2016 Class 2	polyester	●	M	108-116 42 1/2 - 45 11/16	165-170 65 - 67	1
VESTOZIPL		polyester	●	L	116-124 45 11/16 - 48 13/16	170-175 67 - 69	1
VESTOZIPXL		polyester	●	XL	124-132 48 13/16 - 52	175-180 69 - 71	1
VESTOZIPXXL		polyester	●	XXL	132-140 52 - 55 1/8	180-185 71 - 72 13/16	1
VESTYZIPM		polyester	○	M	108-116 42 1/2 - 45 11/16	165-170 65 - 67	1
VESTYZIPL		polyester	○	L	116-124 45 11/16 - 48 13/16	170-175 67 - 69	1
VESTYZIPXL		polyester	○	XL	124-132 48 13/16 - 52	175-180 69 - 71	1
VESTYZIPXXL		polyester	○	XXL	132-140 52 - 55 1/8	180-185 71 - 72 13/16	1



VESTOZIPM
VESTOZIPL
VESTOZIPXL
VESTOZIPXXL

VESTYZIPM
VESTYZIPL
VESTYZIPXL
VESTYZIPXXL

GLOVE BASE

POLYAMIDE/NITRILE FOAM GLOVES

- Work gloves
- Ensures comfort and precision in dry, low-oil mechanical work environments
- Features Actifresh technology to counteract the spread of bacteria and ensure an ergonomic fit



CODES AND DIMENSIONS

CODE	size	pair
GLOBASE8	8	1
GLOBASE9	9	1
GLOBASE10	10	1



EN 388:2016

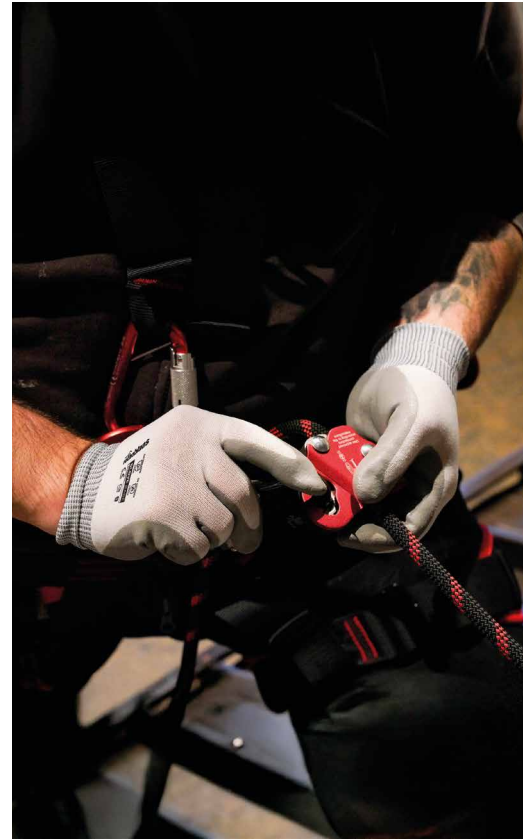


4X31A

EN 407:2020



X1XXXX



GLOVE MID

RECYCLED NYLON&SPANDEX/NITRILE FOAM GLOVES

- Protective work gloves
- The nitrile foam composition and soft lining offers excellent fingertip sensitivity
- They provide a secure grip, are antibacterial and are made with 50% recycled material



CODES AND DIMENSIONS

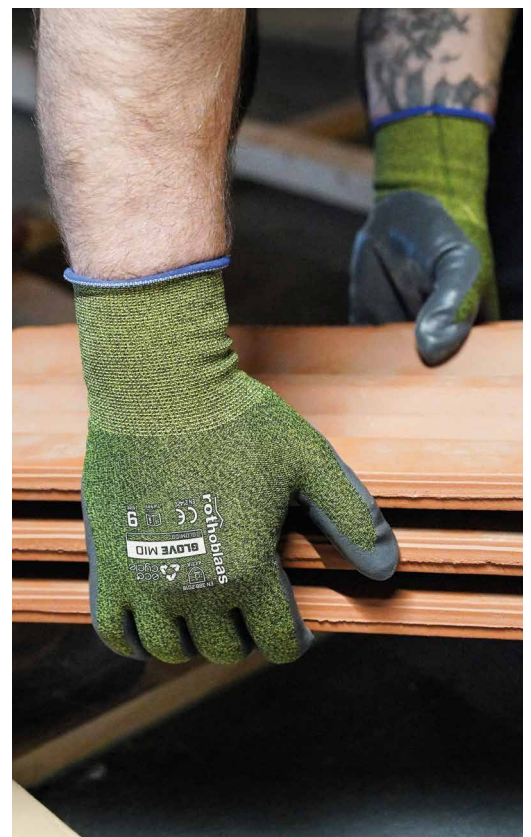
CODE	size	pair
GLOMID8	8	1
GLOMID9	9	1
GLOMID10	10	1



EN 388:2016



4X31A



GLOVE PRO

HPPE, STEEL FIBRE AND POLYESTER/NITRILE FOAM GLOVES

- Cut-resistant protective gloves
- Ideal for protecting hands from cuts in dry or low-oil work environments
- The thin structure ensures a proper fit, optimal comfort and good dexterity in cold conditions



EN 388:2016

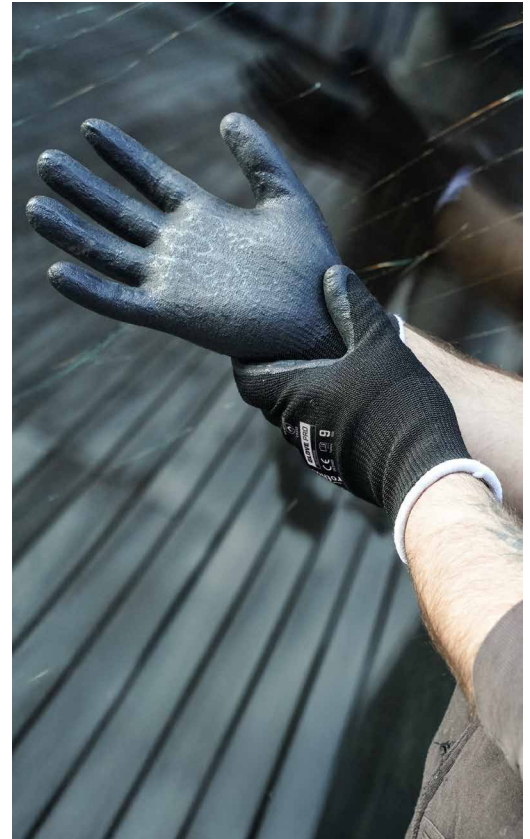


4X42D

EN 407:2020



X1XXXX



CODES AND DIMENSIONS

CODE	size	pair
GLOPRO8	8	1
GLOPRO9	9	1
GLOPRO10	10	1

KEY TO SYMBOLS

EN 388:2016



3 X 3 1 A

Properties	Evaluation
Abrasion	1-4
Cut	1-5
Wear	1-4
Puncture resistance	1-4
Cut (TDM-100 test)	A-F

X Property not assessed

EN 407:2020



X 1 X X X X

Properties	Evaluation
Burning behaviour (resistance to flammability)	1-4
Contact heat	1-4
Convective heat test	1-4
Radiant heat test	1-4
Small drops molten metal	1-4
Large quantity molten metal	1-4

X Property not assessed

HESTIA



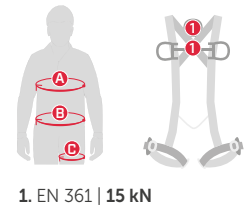
COMPLETE HARNESS FOR FALL PROTECTION SYSTEMS

- Three quick-connect buckles on chest and leg loops for easy and secure wear
- Dorsal section and legs padded to ensure excellent comfort for workers
- Front tool holder at sternum



CODES AND CHARACTERISTICS

CODE	standard	A [cm] [in]	B [cm] [in]	C [cm] [in]	size	weight [g]	pcs
HESTIAS	CE - EN 361	70/90 27 1/2 - 35 1/2	75/110 29 1/2 - 43 5/16	40/60 15 3/4 - 23 5/8	S	1550	1
HESTIAMXL	CE - EN 361	85/100 33 7/16 - 39 3/8	85/120 33 7/16 - 47 1/4	50/75 19 3/4 - 29 1/2	M/XL	1650	1
HESTIAXXL	CE - EN 361	100/130 39 3/8 - 51 3/16	90/140 35 1/2 - 55 1/8	60/85 23 5/8 - 33 7/16	XXL	1750	1



BIA



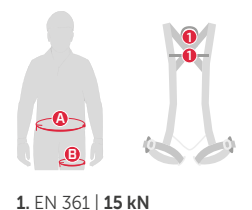
COMPLETE PROFESSIONAL HARNESS FOR FALL PROTECTION SYSTEMS

- Dorsal attachment point moved up to make wearing easier
- Front attachment point with two large fluorescent yellow rings that facilitate identification
- Gear rings in webbing
- Quick-close pectoral buckle for fast and effective wear
- Easy-to-wear work harness featuring new ergonomic and breathable back padding



CODES AND CHARACTERISTICS

CODE	standard	A [cm] [in]	B [cm] [in]	size	weight [g]	pcs
BIAML	CE - EN 361	72/105 28 3/8 - 41 5/16	50/62 19 3/4 - 24 7/16	M/L	900	1
BIAXL	CE - EN 361	89/130 35 1/16 - 51 3/16	62/80 24 7/16 - 31 1/2	XL	950	1



METIS ANSI



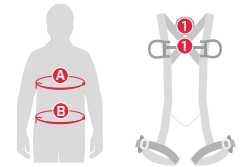
COMPLETE HARNESS FOR FALL PROTECTION SYSTEMS

- Fall arrest harness for work: light, practical and comfortable
- Equipped with load indicators to warn of falls and therefore the need to replace the product
- Equipped with two large gear loops, positioned on the side and slightly retracted for optimal load management



CODES AND CHARACTERISTICS

CODE	standard	A [cm] [in]	B [cm] [in]	size	weight [g]	pcs
METISANSIML	CE - EN 361 - ANSI/ASSE Z359.11-2014	72/105 28 3/8 - 41 5/16	50/62 19 3/4 - 24 7/16	M/L	1090	1
METISANSIXL	CE - EN 361 - ANSI/ASSE Z359.11-2014	89/130 35 1/16 - 51 3/16	62/80 24 7/16 - 31 1/2	XL	1130	1



1. EN 361 | 15 kN

IRIS



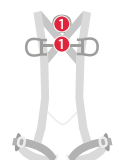
HARNESS FOR FALL PROTECTION SYSTEMS

- Lightweight, ergonomic work harness
- Back anchor with steel ring and sternal anchor with textile webbing rings
- Simple and light design and materials made it ideal for short-term uses



CODES AND CHARACTERISTICS

CODE	standard	size	weight [g]	pcs
IRIS	CE - EN 361	UNI	710	1



1. EN 361 | 15 kN

TOOLGRAB

FALL PROTECTION FOR TOOLS

- Allows tools to be secured during work at height
- The variety of devices available in the range and their adaptability ensure a solution for any tool
- TOOLGRAB devices improve the comfort and safety of work at height, increasing user performance



TGAN60



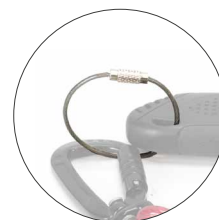
TGAN100



TGAN300



TGSPRING



TGRING



TGTAPE



TGCC20



TGSS20



TGSL15



TGCL35

CODES AND DIMENSIONS

CODE	description	material	length [mm] [in]	width [mm] [in]	capacity [kg]	pcs
TGAN60	webbing with ring for fastening with tape L = 60 mm	polyester stainless steel	60 2 3/8	15 9/16	0,9	1
TGAN100	webbing with ring for fastening with tape L = 100 mm		100 4	25 1	4,5	1
TGAN300	webbing with ring L = 300 mm	polyester stainless steel	300 11 3/4	15 9/16	4,5	1
TGSPRING	coiled lanyard with double carabiner	stainless steel polyurethane aluminium	480 - 1220 19 - 48	Ø5,2 Ø0.21	0,9	1
TGRING	openable ring in plastic-coated stainless steel	stainless steel polyurethane	155 6 1/8	Ø2 Ø0.08	0,9	1
TGTAPE	silicone anchor tape	silicone tool tape with fibre	3000 118 1/8	25 1	-	1
TGCC20	elastic tool lanyard with double-action carabiners	polyester aluminium	900 - 1400 35 1/2 - 55 1/8	20 13/16	9,0	1
TGSS20	elastic tool lanyard with double-action swivel carabiners	polyester aluminium	900 - 1400 35 1/2 - 55 1/8	20 13/16	9,0	1
TGSL15	elastic tool lanyard with double-action carabiner	polyester aluminium	900 - 1200 35 1/2 - 47 1/4	15 9/16	6,8	1
TGCL35	elastic tool lanyard with double-action carabiner for heavy tools		900 - 1200 35 1/2 - 47 1/4	28 1 1/8	15,8	1

CLASSIC



OVAL CONNECTOR

- Oval connector available in aluminium and carbon steel, with a circular body that makes it ideal for use with mobile devices (pulleys, clamps, fall protection, etc.)
- Equipped with screw ring nut



CLASTE

CLAALU

CODES AND DIMENSIONS

CODE	standard	weight [g]	<> [kN]	∧ [kN]	∩ [kN]	pcs
CLASTE	CE - EN 362/B	176	24	7	6	1
CLAALU	CE - EN 362/B - EN 12275/B - EAC	65	22	7	7	1

OVAL



CONNECTOR FOR CONNECTION TO FIXED POINTS

- Oval-shaped wide-opening connector, ideal for severe conditions and for connection to structural anchor points, lifelines, etc.
- Includes autoblock system



OVALSTE

OVALALU

OVALANS

CODES AND DIMENSIONS

CODE	standard	weight [g]	<> [kN]	∧ [kN]	∩ [kN]	pcs
OVALSTE	CE - EN 362/M	215	40	15	1	1
OVALALU	CE - EN 362/B - EN 12275/B - EAC	76	26	9	1	1
OVALANS	CE - EN 362/M - ANSI Z359.12	220	40	20	1	1
OVALA4	CE - EN 362/B	230	27	7	1	1
OVALRISE	CE - EN 362/M	220	40	15	1	1



OVALA4

OVALRISE

XXL



CONNECTOR WITH HIGH BREAKING LOAD

- Connector with wide opening and high breaking load. The "D" shape prevents the connector from rotating and allows the load to be distributed along the major axis



XXLSTE

XXLALU

XXLANS

CODES AND DIMENSIONS

CODE	standard	weight [g]	<> [kN]	∧ [kN]	∩ [kN]	pcs
XXLSTE	CE - EN 362/M	260	50	15	1	1
XXLALU	CE - EN 362/B - EN 12275/B	95	30	15	1	1
XXLANS	CE - EN 362/M - ANSI Z359.12	273	50	20	1	1
XXLA4	CE - EN 362/B	250	35	7	1	1
XXLRISE	CE - EN 362/B	260	50	15	1	1



XXLA4

XXLRISE

DOUBLE SICUROPE

CE

DOUBLE ARM ROPE WITH ENERGY ABSORBER

- Complete with steel carabiner with screw ring nut and two aluminium connectors with double safety catch
- Energy absorber with activation indicator
- Protective fabric holder for energy absorber with Velcro closure

CODES AND CHARACTERISTICS

CODE	standard	L		weight [g]	pcs
		[m]	[ft]		
DSIC15	CE - EN 355	1,5	4' 11"	890	1
DSIC2	CE - EN 355	2	6' 6 3/4"	930	1



SCAFFOLD DUO

CE

DOUBLE ARM ROPE WITH ENERGY ABSORBER

- Complete with steel carabiner with screw ring nut and two aluminium large aperture (56 mm) connectors with double safety catch included
- Energy absorber with activation indicator
- Protective fabric holder for energy absorber with Velcro closure

CODES AND CHARACTERISTICS

CODE	standard	L		weight [g]	pcs
		[m]	[ft]		
SCA15	CE - EN 355	1,5	4' 11"	1540	1



SICUROPE

CE

SINGLE ARM ROPE WITH ENERGY ABSORBER

- Complete with steel carabiners with screw ring nut
- Protective fabric holder for energy absorber with Velcro closure
- Energy absorber with activation indicator

CODES AND CHARACTERISTICS

CODE	standard	L		weight [g]	pcs
		[m]	[ft]		
SIC15	CE - EN 355	1,5	4' 11"	715	1
SIC2	CE - EN 355	2	6' 6 3/4"	755	1



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 carabiner with screw ring nut and second steel large aperture (50 mm) carabiner with double safety catch

CODES AND CHARACTERISTICS

CODE	standard	L		rope diameter		pcs
		[m]	[ft]	[mm]	[in]	
ENERGY	CE - EN 355	2	6' 6 3/4"	Ø12	Ø0.47	1



CE

PLATROPE

ADJUSTABLE ROPE WITH ENERGY ABSORBER FOR PLATFORMS

- Complete with an autoblock steel carabiner and a large opening (56 mm) aluminium connector with double safety catch included
- Provided with BACK device that follows the worker both when ascending and descending, stopping any falls
- Protective case for energy absorber made of fabric with Velcro closure

CODES AND CHARACTERISTICS

CODE	standard	L		weight [g]	rope diameter		pcs
		[m]	[ft]		[mm]	[in]	
PLATROPE	CE - EN 355 EN 353-2	1,9	6' 2 3/4"	1430	Ø11	Ø0.43	1



CE

LINOSTOP

GUIDED TYPE FALL ARRESTER WITH FLEXIBLE ANCHOR LINE

- Complete with two steel carabiners with screw ring nut
- Guided and sliding-type fall protection device, with fixed installation on the rope

CODES AND DIMENSIONS

CODE	standard	rope		L		weight [g]	pcs
		[mm]	[in]	[m]	[ft]		
LINO10	CE - EN 353-2	Ø12	Ø0.47	10	32' 9 3/4"	2000	1
LINO15	CE - EN 353-2	Ø12	Ø0.47	15	49' 2 1/2"	2500	1
LINO20	CE - EN 353-2	Ø12	Ø0.47	20	65' 7 3/8"	3000	1



CE

GLASS 1

GLASSES WITH TEMPLES
WITH PANORAMIC FRAME

CODES AND DIMENSIONS

CODE	standard	pcs
GLASS1	CE - EN 166	1



CE

GLASS 2

GLASSES WITH TEMPLES WITH SMOKED LENSES

CODES AND DIMENSIONS

CODE	standard	pcs
GLASS2	CE - EN 166	1



CE

HEADPHONE

FOLDING EAR MUFFS

CODES AND DIMENSIONS

CODE	standard	SNR [dB]	pcs
HEAD	CE - EN 352-1	29	1



CE

RSBAG

WATERPROOF BAG

CODES AND DIMENSIONS

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



RBBAG

BACKPACK

CODES AND DIMENSIONS

CODE	weight [g]	capacity [L]	H [mm]	pcs
RBBAG	390	23,6	400	1



MULE

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

- Used in pairs, it works as a support for battens, roof tiles, tools, machines and more
- Thanks to the 8 possible adjustments, it adapts to roofs with an inclination from 15° to 60°



MULE

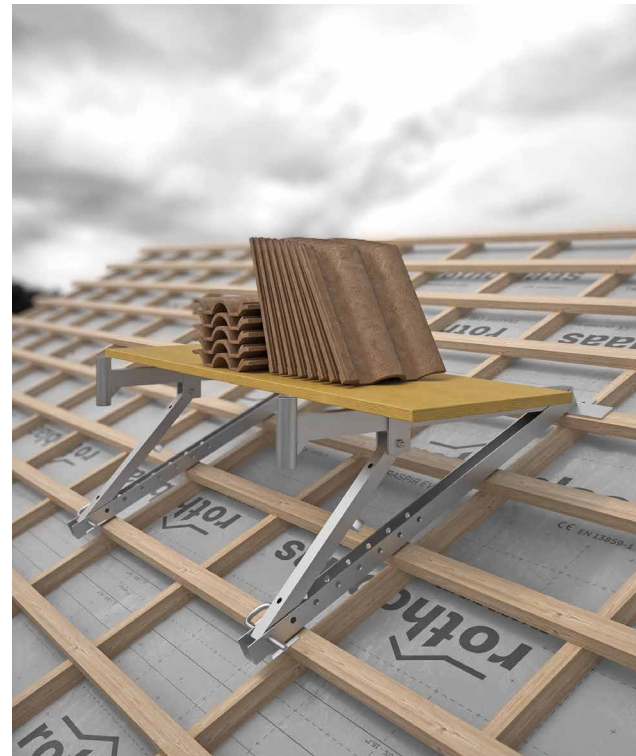


CODES AND DIMENSIONS

CODE	weight		capacity every 2 pcs.		pcs
	[kg]	[lbs]	[kg]	[lbs]	
MULE	6,0	13	780	1720	1

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	weight	pcs
		[kg]	
MULEFRONT	final protection in aluminium	2,8	1
MULELAT	side column	2,2	1
MULEANG	corner column	2,8	1
MULETUBE2	aluminium scaffold tube 2.0 m 6' 6" ft	3,0	1
MULETUBE3	aluminium scaffold tube 3.0 m 9' 10" ft	4,5	1
MULETUBE4	aluminium scaffold tube 4.0 m 13' 1" ft	6,0	1
MULETUBE5	aluminium scaffold tube 5.0 m 16' 5" ft	7,5	1
MULEBRUH	brush with support	1,1	1
MULECLUTCH1	screw joint AK1-60	0,7	1
MULECLUTCH2	swivel joint SW 19	1,2	1
MULEP	spare dowel	0,1	1



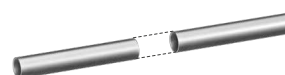
MULEFRONT



MULELAT



MULEANG



MULETUBE2 | MULETUBE3 |
MULETUBE4 | MULETUBE5



MULEBRUH



MULECLUTCH1



MULECLUTCH2



MULEP

HORIZONTAL NET

HORIZONTAL POLYPROPYLENE FALL PROTECTION SAFETY NET

EN
1263-1
Tipo S



SAFE

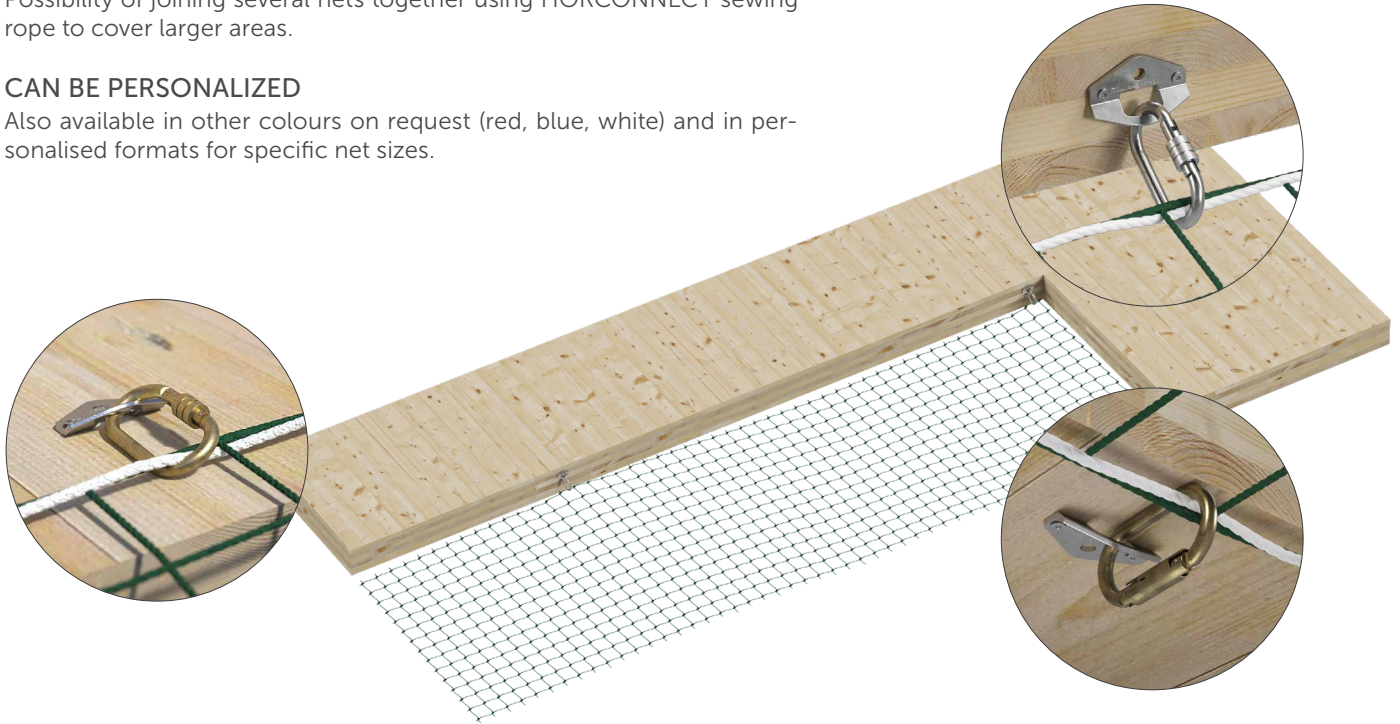
Fastener spacing optimised to 2,5 m to ensure product safety and rapid installation.

MODULAR

Possibility of joining several nets together using HORCONNECT sewing rope to cover larger areas.

CAN BE PERSONALIZED






Also available in other colours on request (red, blue, white) and in personalised formats for specific net sizes.



CODES AND DIMENSIONS

CODE	B		L		mesh		rope		weight [kg]	pcs
	[m]	[ft]	[m]	[ft]	[mm]	[in]	[mm]	[in]		
HOR510	5	16' 4 7/8"	10	32' 9 3/4"	100	4	Ø5	Ø0.2	11,4	1
HOR610	6	19' 8 1/4"	10	32' 9 3/4"	100	4	Ø5	Ø0.2	13,7	1
HOR7515	7,5	24' 7 1/4"	15	49' 2 1/2"	100	4	Ø5	Ø0.2	25,7	1
HOR1010	10	32' 9 3/4"	10	32' 9 3/4"	100	4	Ø5	Ø0.2	22,9	1

COMPLEMENTARY PRODUCTS

CODE	standard	description	dimensions [mm]	weight [g]	<> [kN]	◇ [kN]	pcs	
HORHOOK(*)	-	base plate for net hooking	52 x 80 x 4	-	-	-	1	
CARSCREW	CE EN 362/B	connector with screw ring nut	-	160	25	7	1	
CARTWIST	CE EN 362/B	connector with "Twist-Lock" gate	-	173	20	7	1	
HORHOOKC(*)	-	net hook for concrete	M10 x 110	-	-	-	1	
HORHOOKS(*)	-	net hook for steel	M12 x 130	-	-	-	1	
HORFIX	-	fastening cord per linear metre	Ø14	-	-	-	1	
HORCONNECT	-	sewing cord per linear metre	Ø6	-	-	-	1	

(*) Recommended fastening every 2,5 m.

VERTICAL NET

VERTICAL POLYPROPYLENE
FALL PROTECTION SAFETY NET



EN
1283-1
Tipo U



CODES AND DIMENSIONS

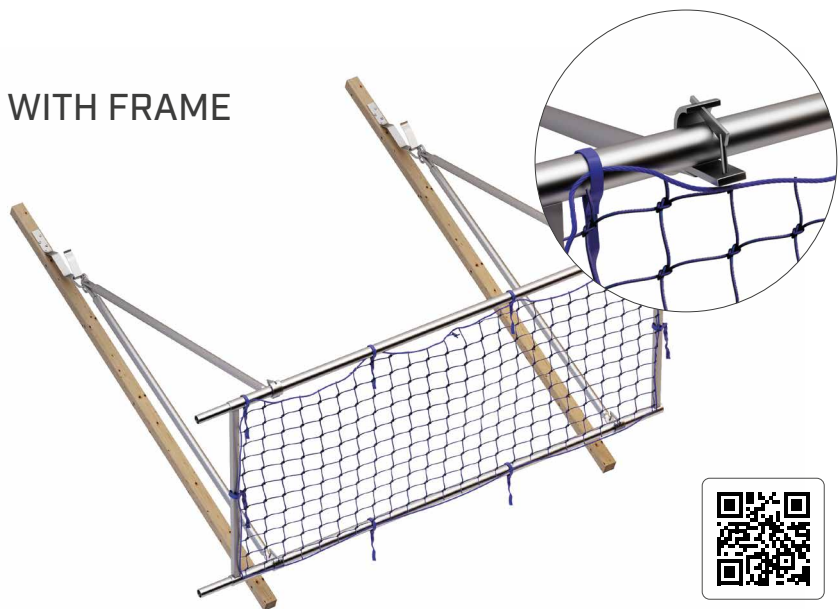
CODE	B		L		mesh		rope		weight [kg]	pcs
	[m]	[ft]	[m]	[ft]	[mm]	[in]	[mm]	[in]		
VER210	2	6' 6 3/4"	10	32' 9 3/4"	100	4	Ø5	Ø0.2	4,5	1

COMPLEMENTARY PRODUCTS

CODE	description	Belt fastening spacing		L		pcs
		[mm]	[in]	[mm]	[in]	
VERBENT	fastening strap for side fall protection safety net	700	27 1/2	600	23 5/8	1

FRAME NET

FALL PROTECTION SAFETY NET WITH FRAME



EN
13374
C



CODES AND DIMENSIONS

CODE	description	weight [kg]	pcs
FRAMENET	net with frame complete with quick straps	11	1
FRAMESUP	support for net with frame	9,2	1
FRAMEHOOK	hook for net with frame	1	1


The distance between fastening brackets must not exceed 2.4 m. Each first module of the protection system (near every fall edge) must be secured with two brackets and two supports. All other modules, assembled side by side and secured with quick fastening straps, are fixed with only one support and fixing bracket.

EDGE TEMP 1

TEMPORARY RAILING ROOF SIDE



CODES AND DIMENSIONS*

CODE	standard	material	max. slope of use	max. spacing between supports		minimum thickness of fixture	substructure	weight [kg]	pcs
				[mm]	[in]				
EDGETEMP1	EN 13374 Class A	zinc-plated steel	used as a lateral protection support, with a maximum slope of 10° from horizontal	1400	55 1/8	from 80 to 192 from 3 1/8 to 7 9/16	 timber beam	8,80	1


* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a calculation report with minimum distances according to the relevant standard requirements, the substructure must be checked by a qualified engineer before installation.

EDGE TEMP 2

TEMPORARY RAILING ROOF FRONT



CODES AND DIMENSIONS*

CODE	standard	material	max. slope of use	max. spacing between supports		minimum thickness of fixture	substructure	weight [kg]	pcs
				[mm]	[in]				
EDGETEMP2	EN 13374 Class B	zinc-plated steel	maximum roof slope 30°	1400	55 1/8	from 80 to 200 from 3 1/8 to 8	 timber beam	9,00	1


* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a calculation report with minimum distances according to the relevant standard requirements, the substructure must be checked by a qualified engineer before installation.

EDGE TEMP 3

TEMPORARY RAILING FOR HORIZONTAL EDGES



CODES AND DIMENSIONS*

CODE	standard	material	max. slope of use	max. spacing between supports		substructure	weight [kg]	pcs
				[mm]	[in]			
EDGETEMP3	EN 13374 Class A	zinc-plated steel	the slope of the working surface (impact sound surface) must be less than 10°	1400	55 1/8	 concrete	4,23	1




* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a calculation report with minimum distances according to the relevant standard requirements, the substructure must be checked by a qualified engineer before installation.

EDGE TEMP 4

TEMPORARY UNIVERSAL RAILING WITH STEM



CODES AND DIMENSIONS*

CODE	standard	material	max. slope of use	max. spacing between supports		minimum thickness of fixture [mm]	substructure	weight [kg]	pcs
				[mm]	[in]				
EDGETEMP4	EN 13374 Class A	zinc-plated steel	the slope of the working surface (impact sound surface) must be less than 10°	1400	55 1/8	clamp max. opening 700 clamp max. opening 27 1/2	 timber	5,20	1
							 concrete		
							 steel		

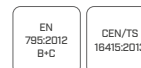
* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a calculation report with minimum distances according to the relevant standard requirements, the substructure must be checked by a qualified engineer before installation.

TEMPORARY

TEMPORARY LIFELINE



- Temporary horizontal lifeline, easy to install
- 30 mm high-strength, high-visibility polyester webbing
- Number of users: 2 (1 each span)



MAXIMUM NUMBER OF USERS



CODES AND DIMENSIONS

CODE	description	standard	pcs
TEMP20	temporary lifeline L = 20 m	EN 795:2012 B+C, CEN/TS 16415:2013	1

COMPLEMENTARY PRODUCTS

CODE	description	standard	pcs
OVALSTE	large carabiner	CE - EN 362/M	2



HOLD-SYSTEM[®]

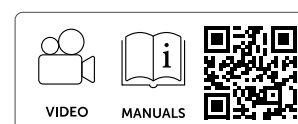
TEMPORARY HORIZONTAL ANCHORING DEVICE



- Complete system of carabiners and webbing for fastening
- Quick and easy tensioning of the system by one operator using Prusik knot system and self-locking device
- The structure or anchor points to which the system will be installed must withstand a recommended stress of 9 kN



MAXIMUM NUMBER OF USERS



CODES AND DIMENSIONS

CODE	standard	L	L	pcs
		[m]	[ft]	
TEMPLUS20		20	65' 7 3/8"	1
TEMPLUS30	EN 795:2012 B+C CEN/TS 16415:2013	30	98' 5 1/8"	1
TEMPLUS40	OSHA 1910 Subpart I App D	40	131' 2 3/4"	1
TEMPLUS60	OSHA 1926 Subpart M App C	60	196' 10 1/4"	1
TEMPLUS80		80	262' 5 5/8"	1

COMPLEMENTARY PRODUCTS

CODE	description	L	L	pcs
		[m]	[ft]	
HSG2RB	retractable webbing device EN 360	2	6' 6 3/4"	1
TEMPLUSLAN	adjustable polyester lanyard with EN 795 Type B certification	2	6' 6 3/4"	1



TEMPLUS20



TEMPLUSLAN



HSG2RB

MOBILE

MOBILE ANCHOR POINT



EN
785 - B

MAXIMUM NUMBER
OF USERS



CODES AND DIMENSIONS

CODE	material		L [mm]	B [mm]	H [mm]	weight [kg]	pcs
MOBILE	EE30 aluminium		1450 57 1/16	770 30 5/16	175 6 7/8	6,7	1

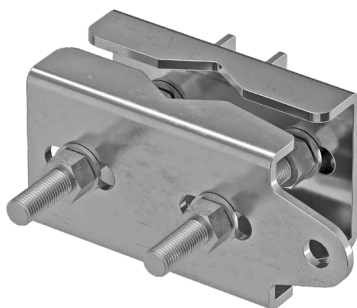
ROD

ANCHOR POINT FOR STEEL STRUCTURES

EN
785 - A



MAXIMUM NUMBER
OF USERS



CODES AND DIMENSIONS

CODE	material	dimensions [mm]	anchor point diameter [mm]	weight [kg]	pcs
ROD	stainless steel	208 x 97 x 75-140 8 3/16 x 3 13/16 x 2 15/16-5 11/16	17 0.67	2,5	1

The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standard referred to. For a calculation report with minimum distances according to the relevant standard requirements, the substructure must be checked by a qualified engineer before installation.

KITE

ANCHOR POINT

VERSATILE

Ideal as an anchor point in multiple environments, it allows the operator to safely access.

SAFE

Laser cut from a single piece with no welding points, it improves safety in all its applications.

PRACTICAL

Thanks to its lightweight and compact size, this anchor can be installed quickly and easily.

EN 795:2012 A	UNI 11578:2015 A	OSHA 1926.502 (d)(15)	DrJ LST-2407- 116
---------------------	------------------------	-----------------------------	-------------------------



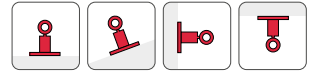
MAXIMUM NUMBER OF USERS



LOAD DIRECTION



TYPES OF APPLICATION



TECHNICAL DATA*

substructure	minimum thickness	fasteners	substructure	minimum thickness	fasteners
GL24h	100 x 100 mm	2 x HBS Ø8 1 x VGS Ø11	C20/25	140 mm	AB1 Ø12 M12 8.8 rod + ULS + MUT VIN-FIX HYB-FIX
S235JR	5 mm	EKS M12 8.8 + ULS + nut			

* The values indicated are the result of experimental tests carried out under the supervision of third parties in accordance with the standards referred to. For a correct calculation report with minimum distances according to the standard requirements, the substructure must be checked by a qualified engineer before installation.

CODES AND DIMENSIONS

CODE	material	B [mm]	L [mm]	pcs	
KITE	AISI 430 stainless steel grade 1.4016	101 4	100 4	1	

ACCESSORIES

CODE	description	
BEFKITE	KITE fastening set for timber	



Working at height? work safely!

The new **FALL PROTECTION SYSTEMS AND PROTECTIVE EQUIPMENT** catalogue is the comprehensive guide for working at height in complete safety, in the construction and industrial sectors. Advanced technologies, maximum protection and regulatory compliance – all in the one resource.



Download the catalogue now



rothoblaas.com



rothoblaas

Solutions for Safety

PORTABLE DIGITAL PULL-OUT TESTER

SAFE TESTING

Allows tensile testing on a wide range of fasteners to ensure proper installation.

DIGITAL

Measured values can be saved in the dedicated app. It is an ideal tool for pull-out tests in compliance with standards BS 8539, BS 7883, BS EN 795 and AEFAC-TN05.

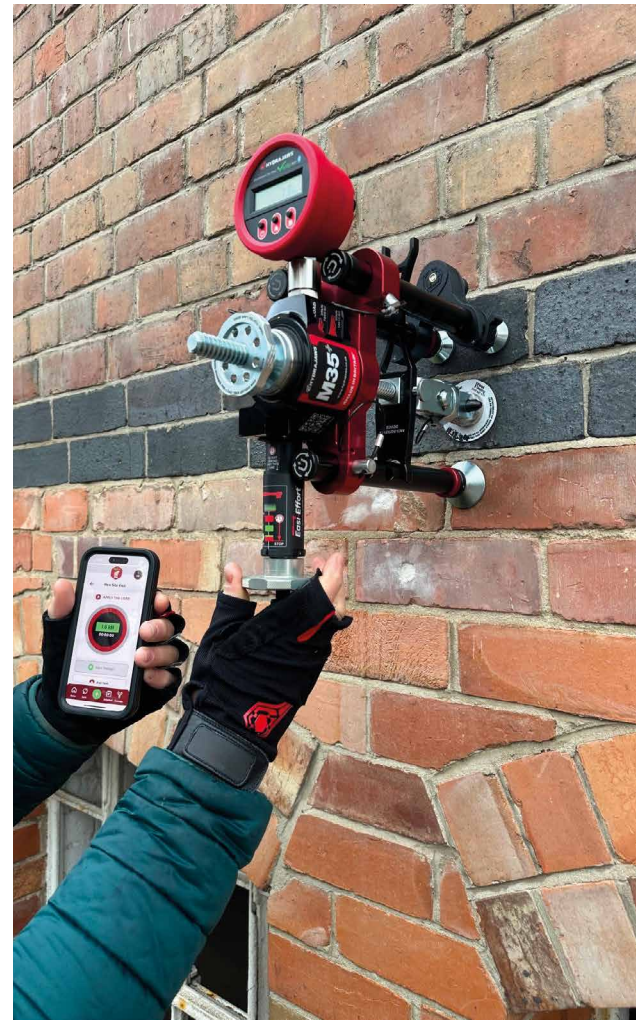
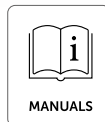
EXPANDABLE

With the additional bridge accessories, the testing capacity can be extended up to 65 kN.



ESTRO35BRIL

ESTRO35BRIM



APP DOWNLOAD

Download the Hydrajaws Verify App to use ESTRO



CODES AND CHARACTERISTICS

CODE	description	test capabilities [kN]	pcs
ESTRO35MET ⁽¹⁾	pull-out tester - metric system	35 kN with standard bridge	1
ESTRO35IMP ⁽²⁾	pull-out tester - imperial system	65 kN with medium/large bridge	1

⁽¹⁾ included:

- forked forks: 20 and 24 mm
- 5 slotted button adapters: 6,5, 8,5, 10,5, 13 and 16,5 mm
- 6 threaded button adapters: M6, M8, M10, M12, M16 and M20

⁽²⁾ included:

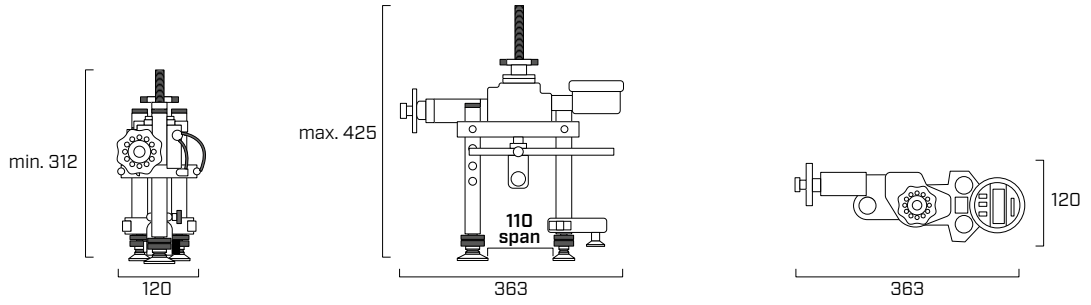
- forked forks: 20 and 24 mm
- 5 slotted button adapters: 6,5, 8,5, 10,5, 13 and 16,5 mm
- 6 threaded button adapters: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" UNC

COMPLEMENTARY PRODUCTS - ACCESSORIES

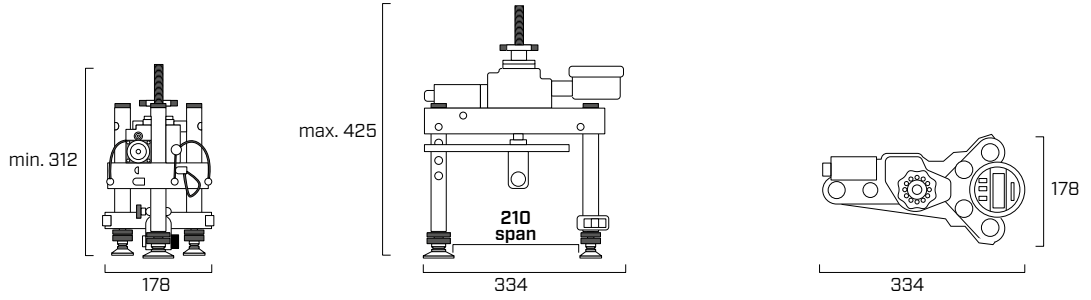
CODE	description	pcs
ESTRO35BRIM	medium bridge	1
ESTRO35BRIL	large bridge	1

DIMENSIONS

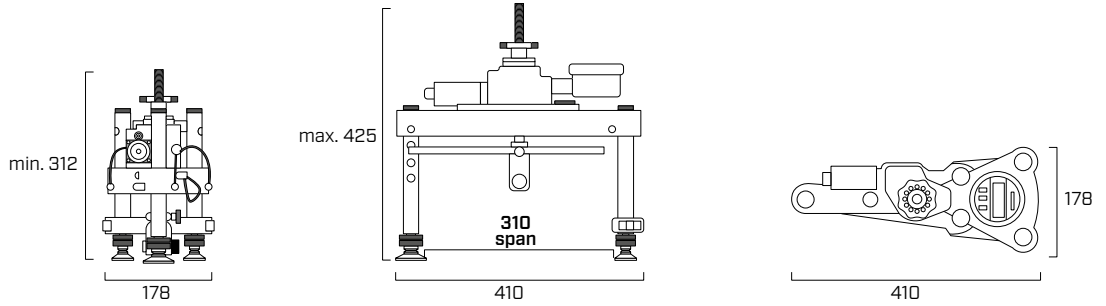
**ESTRO35MET
ESTRO35IMP**



**with
ESTRO35BRIM**



**with
ESTRO35BRIL**



TECHNICAL DATA

Properties	values	USC units
Pull-out load range	0-35 kN	0-7.868 lbf
	0-65 kN	0-14.613 lbf
Maximum torque	a 35 kN = 9,8 Nm	a 35 kN = 7.2ft-lbs
	a 65 kN = 18,8 Nm	a 65 kN = 13.9ft-lbs
Operating temperature range	-10/+50° C	+14/+122° F
Configurable units	kN	lbf
Weight (tester only)	3,7 kg	8.16 lbs

TRANSPORT AND LIFTING

TRANSPORT AND LIFTING

WASP

*HOOK FOR TIMBER ELEMENTS
TRANSPORT* 124

RAPTOR MINI

*SMALL RIGGING DEVICE FOR TIMBER
ELEMENTS* 130

RAPTOR

RIGGING DEVICE FOR TIMBER ELEMENTS 134

RAPTOR MAXI

*LARGE RIGGING DEVICE FOR TIMBER
ELEMENTS* 140

VGS PLATE

PAN HEAD HEX SCREW FOR LIFTING 144

ANCHOR DEVICES

MANTIS

*REUSABLE LIFTING BELT FOR TRANSPORT WALLS
AND PRECAST ELEMENTS* 146

DRAGON

LIFTING STRAP WITH TILTING SYSTEM 148

OCTOPUS

LIFTING EYEBOLT AND PERCUSSION NUT 148

VIPER

POLYESTER BELT WITH EYEBOLTS 149

FASTENING STRAPS

RATTLE

FASTENING STRAP WITH TENSIONER 150

PHYTHON

RING-SHAPED ANCHOR BELT 150

ACCESSORIES FOR LIFTING

EAGLINK

CHAIN FOR TRANSPORT WITH HOOK 152

RAVEN WRAP

CUT PROTECTION FOR TRANSPORT STRAP 152

APPLICATION OF TRANSPORT AND LIFTING DEVICES

Declaration of conformity to the EC Machinery Directive



DM 2006/42/CE

INDICATIONS FOR THE CORRECT USE OF ANCHOR POINTS



DO NOT RE-USE
Easy to use
("one lifting cycle")



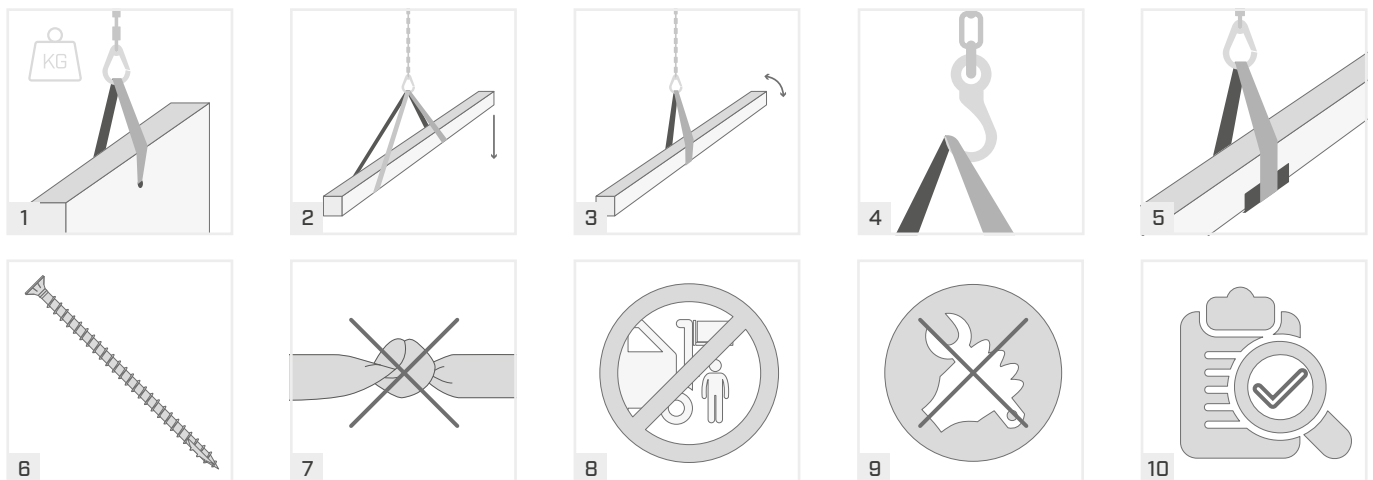
REUSABLE
Multiple use

LIFTING CYCLE: SINGLE USE ONLY OR MULTIPLE USE, TOO?

Some lifting devices, such as WASP, WASPL and RAPTOR can be used several times until they show too evident damage or signs of wear. These are defined in the respective instructions for use. These lifting devices must be thoroughly inspected once a year by a qualified expert. Before each daily use, the products must be visually checked for any significant defects.

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 nuts for OCTOPUS, standard screws for WASP/WASPL, and RAPTOR lifting plates.

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.



IMPORTANT

01. Check the weight. The maximum weight indicated on anchor points must not be exceeded.
02. Take into account the belt's anchoring method and angle of inclination.
03. Take the load centre of gravity into account. The load must always be lifted above the centre of gravity.
04. Ensure 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. WASP lifting hook screws are single-use only. Only the VGS PL screw may be reused for transport under specific conditions. See the relevant user instructions.
07. If straps are used it is necessary to ensure that no knots are present. If any damage is found, remove them immediately; they must not be reused.
08. Ensure that no-one stands beneath a suspended 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.

RESEARCH & DEVELOPMENT

REUSE OF LIFTING CONNECTORS

The extensive experimental campaign enabled the characterisation of screw behaviour in lifting systems, with a particular focus on innovation, sustainability and safety.

SC1

over 350 TESTS

In collaboration with:

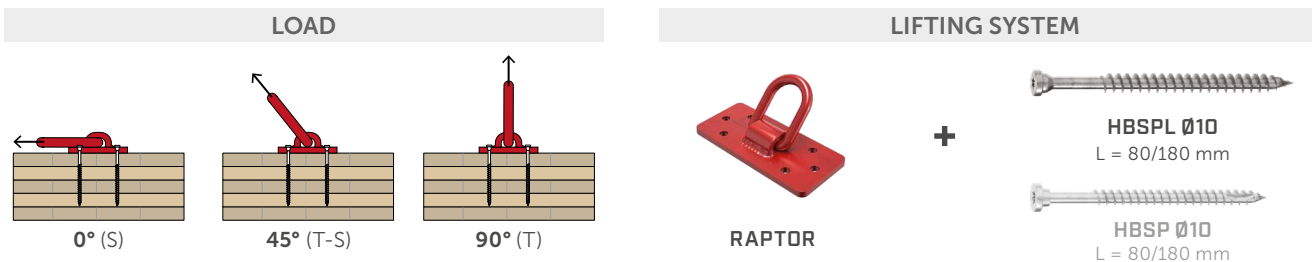
University of Maine
Advanced Structures & Composites Center
CIRI Edilizia e Costruzioni
Centro Interdipartimentale di Ricerca Industriale
Alma Mater Studiorum - Università di Bologna

1 ANALYTICAL CHARACTERISATION

The RAPTOR + SCREWS lifting system was analysed in various configurations, altering the support material, load direction, and the type and position of connectors. Aim: to assess the ultimate strength and associated deformation mechanism.

2 EXPERIMENTAL INVESTIGATION

The most representative lifting system configurations were identified, and three loading modes were defined for analysis: pure shear (0°), pure tension (90°), and a combination of shear and tension (45°). Screws of different geometries and lengths were installed in CLT elements and their responses compared.



3 REUSE

The first goal of the experimental campaign was to evaluate the effect of screw reuse in lifting systems, comparing the strength of a reference sample (REF) with that of a properly assembled specimen using previously used screws (5 CYX). The reused screws had undergone five successive simulated usage cycles. Tests were also conducted on high-density CLT (*Southern Yellow Pine*).

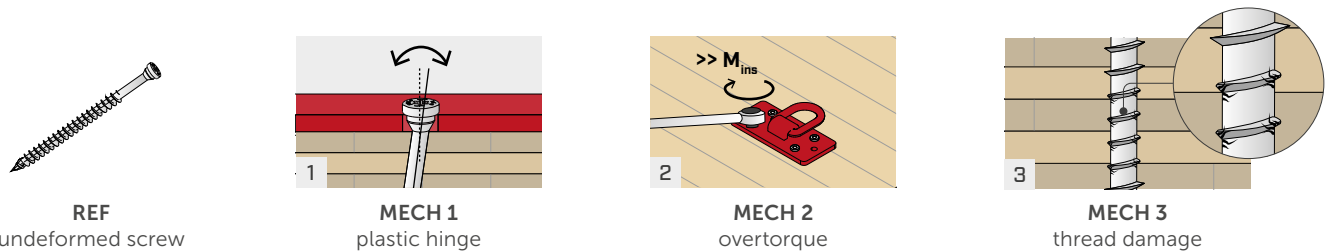


5 CYX
reused screw

4 DEFORMATION MECHANISMS

The second goal of the experimental campaign was to assess the impact on strength due to use of screws that were damaged during installation, lifting, removal or excessive use.

The most significant deformation mechanisms identified were: incorrect screw insertion angle or system overload (MECH 1), excessive tightening torque (MECH 2), improper installation with reduced nominal diameter (MECH 3); the hook was tested fastened with screws affected by one or more of the above mechanisms.



5 RESULTS AND INTERPRETATION

If installation is carried out correctly, a limited number of reuses does not compromise the system's strength.

Conversely, installation errors or misuse of the lifting system reduce performance.

In conclusion, screws may be reused if installed according to instructions and verified as being free of significant deformation.

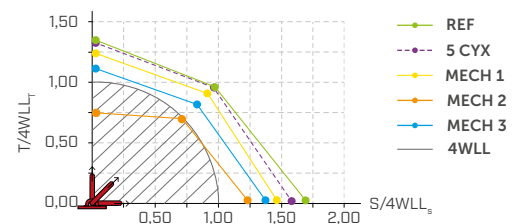
An essential tool for checking the suitability of used screws is the JIG REUSE template. Stronger screws, such as HBSP or VGSPL, provide greater safety and reliability for lifting operations.



JIG REUSE



VGSPL



The values obtained in the various configurations were non-dimensionalised with respect to the characteristic strength evaluated in accordance with EN1995 and ETA-11/0030.

COMPLETE
SCIENTIFIC
REPORT



WASP

HOOK FOR TIMBER ELEMENTS TRANSPORT

FAST

Fastened with just one screw, it allows time savings due to its quick assembly and disassembly.

INGENIOUS

The lifting hook can be used for both axial and lateral loads.

CERTIFIED

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



FIELDS OF USE

- Solid timber or glulam beams
- CLT panels for floor or wall
- Prefabricated TIMBER FRAME walls
- Small special timber components



MATERIAL

WASP is made of very high strength carbon steel. WASPL is forged from high-strength steel. Both versions are coated with white electro-galvanising for a long service life.

VERSATILITY

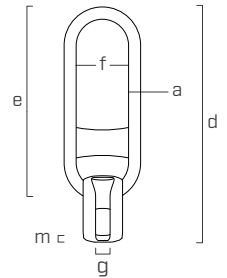
Various installation options with different types of screws for load conditions and different material.

CODE

CODE	max. capacity		suitable screws		pcs
WASP	1300 kg	2860 lbs	VGSPL Ø11 - VGS Ø11		2
WASPL	1600 kg	3530 lbs	VGSPL Ø11 - VGS Ø11 - VGS Ø13		1

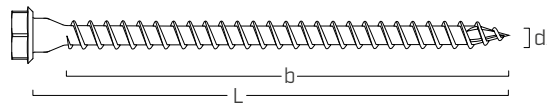
DIMENSIONS

CODE	a	d	e	f	g	m	a	d	e	f	g	m
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]	[in]	[in]	[in]	[in]	[in]
WASP	12	185	157	40	12	6	0.472	7.283	6.181	1.575	0.472	0.236
WASPL	14	205	180	54	13	8	0.551	8.071	7.087	2.126	0.512	0.315



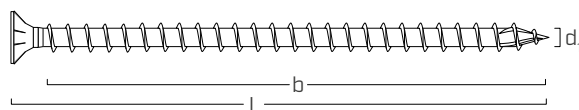
COMPATIBLE SCREWS

VGS PLATE - pan head screw for lifting



d ₁ [mm] [in]	CODE	L [mm]	b [mm]	L [in]	b [in]	pcs	suitable for	
							WASP	WASPL
11 0.44 SW 17 TX 50	VGSP1160	60	50	2 3/8	1 7/8	25	●	●
	VGSP1180	80	70	3 1/8	2 11/16	25	●	●
	VGSP11100	100	90	4	3 7/16	25	●	●
	VGSP11120	120	110	4 3/4	4 1/4	25	●	●
	VGSP11140	140	130	5 1/2	5 1/16	25	●	●
	VGSP11160	160	150	6 1/4	5 13/16	25	●	●
	VGSP11180	180	170	7 1/8	6 5/8	25	●	●
	VGSP11200	200	190	8	7 3/8	25	●	●
	VGSP11240	240	230	9 1/2	9	25	●	●
	VGSP11280	280	270	11	10 9/16	25	●	●

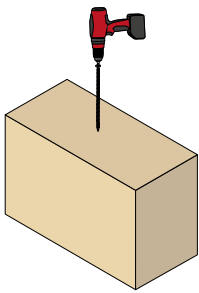
VGS - full thread screw with countersunk head



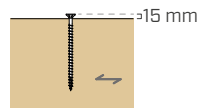
d ₁ [mm] [in]	CODE	L [mm]	b [mm]	L [in]	b [in]	pcs	suitable for	
							WASP	WASPL
11 0.44 TX 50	VGS1180	80	70	3 1/8	2 3/4	25	●	●
	VGS11100	100	90	4	3 1/2	25	●	●
	VGS11125	125	115	4 15/16	4 1/2	25	●	●
	VGS11150	150	140	6	5 1/2	25	●	●
	VGS11175	175	165	6 7/8	6 1/2	25	●	●
	VGS11200	200	190	8	7 1/2	25	●	●
	VGS11225	225	215	8 7/8	8 7/16	25	●	●
	VGS11250	250	240	10	9 1/2	25	●	●
	VGS11275	275	265	10 7/8	10 7/16	25	●	●
	13 0.52 TX 50	VGS1380	80	70	3 1/8	2 3/4	25	-
VGS13100		100	90	4	3 1/2	25	-	●
VGS13150		150	140	6	5 1/2	25	-	●
VGS13200		200	190	8	7 1/2	25	-	●
VGS13250		250	240	10	9 1/2	25	-	●
VGS13300		300	280	11 3/4	11	25	-	●

WASP INSTALLATION

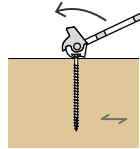
PERPENDICULAR INSTALLATION



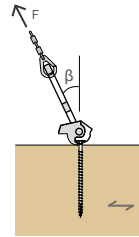
1.



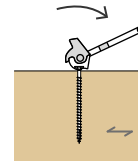
1a.



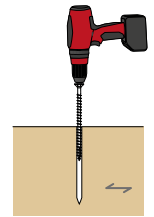
1b.



1c.



1d.



1e.

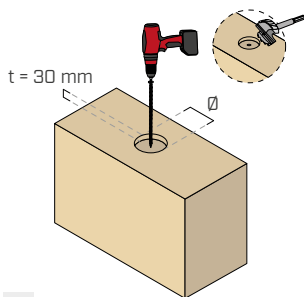
1. Insertion of the screw into the timber element to be lifted.
- 1a. The screw head must protrude approx. 15 mm.
- 1b. Hook positioning.
- 1c. Lifting of the structure (perpendicular or inclined force).

1d. Hook removal (unhooking).

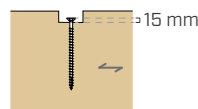
1e. For safety reasons, after use the screw must be either fully inserted or completely removed from the timber element and disposed of.

Only the VGS PLATE screw may be reused for transport under specific conditions. See the relevant user instructions.

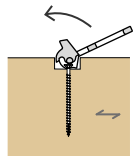
INSTALLATION WITH MILLING



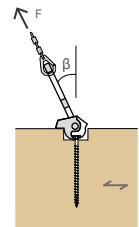
2.



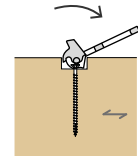
2a.



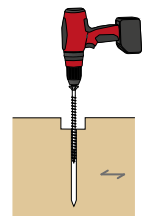
2b.



2c.



2d.



2e.

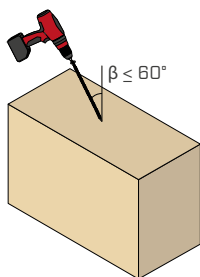
2. Make the milling cut, WASP-Ø55 mm and WASPL-Ø65 mm, to accommodate the hook. Insertion of the screw into the timber element to be lifted.
- 2a. The screw head must protrude approx. 15 mm from the bottom of the milling cut.
- 2b. Hook positioning.

2c. Lifting of the structure (perpendicular or inclined force).

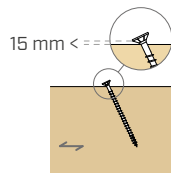
2d. Hook removal (unhooking).

2e. For safety reasons, after use the screw must be either fully inserted or completely removed from the timber element and disposed of. Only the VGS PLATE screw may be reused for transport under specific conditions. See the relevant user instructions.

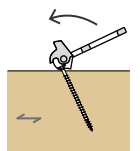
INCLINED INSTALLATION



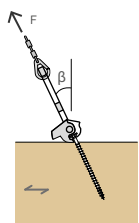
3.



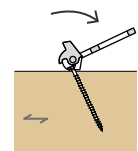
3a.



3b.



3c.



3d.



3e.

3. Check the lifting angle β and insert the screw at the same angle.
- 3a. The screw head must protrude approx. 15 mm.
- 3b. Hook positioning.
- 3c. Structure lifting (lifting chain always in line with transport hook and screw inclination).

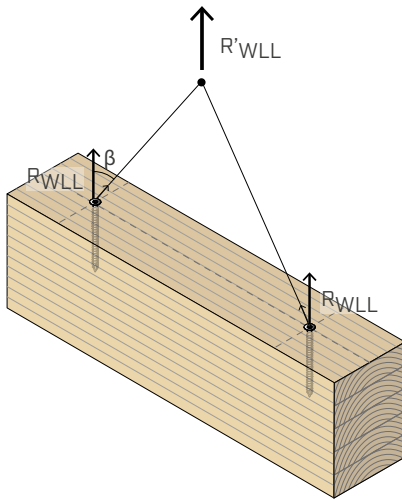
3d. Hook removal (unhooking).

3e. For safety reasons, after use the screw must be either fully inserted or completely removed from the timber element and disposed of. Only the VGS PLATE screw may be reused for transport under specific conditions. See the relevant user instructions.

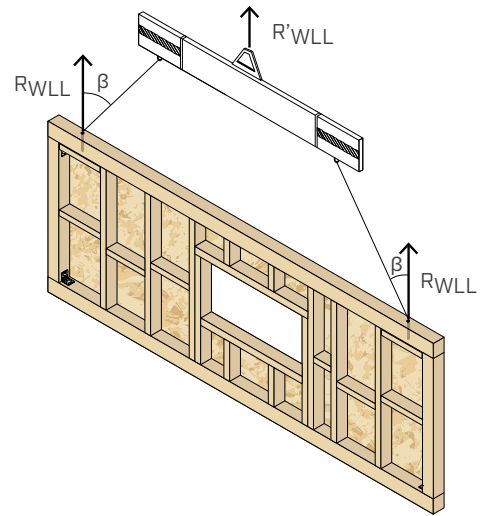
APPLICATION EXAMPLES

To consult the detailed technical tables with load values for different applications, visit the dedicated section on the official Rothoblaas website: www.rothoblaas.com.

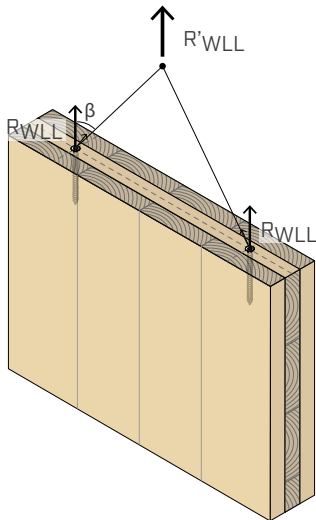
HORIZONTAL BEAM



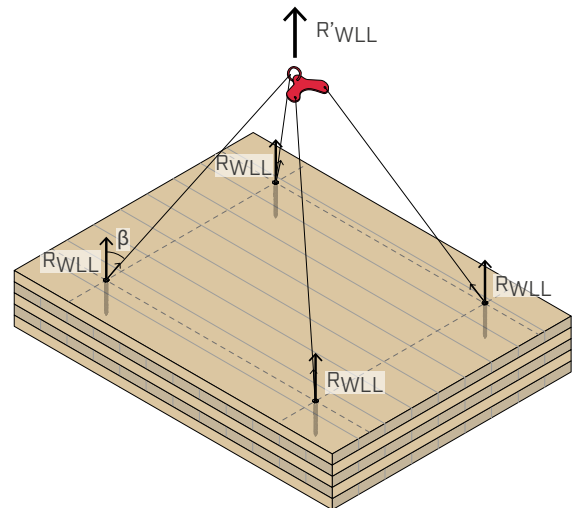
FRAME WALL



VERTICAL CLT PANEL



HORIZONTAL CLT PANEL

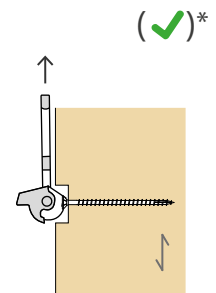
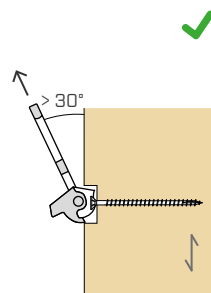
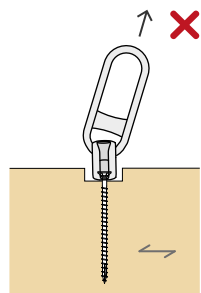
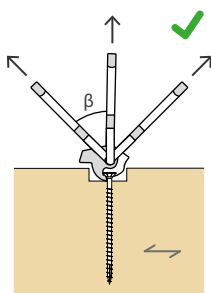


R_{WLL} = reference rigging capacity for a single anchor system

R'_{WLL} = total system rigging capacity

β = lifting angle (angle between vertical axis and chain)

DIRECTIONS OF APPLICATION ALLOWED



(*) See the "ELEVATION OF CLT ELEMENTS FROM HORIZONTAL TO VERTICAL" test.

RAPTOR MINI

SMALL RIGGING DEVICE FOR TIMBER ELEMENTS

FAST ASSEMBLY, SAFE LIFTING

Thanks to fastening with just two screws, the transport plate can be mounted in an instant – ideal for efficient workflows on site or during production. The integrated, swivel lifting hook ensures a safe and flexible lifting process, even in confined spaces.

COMPACT AND VERSATILE

Whether for timber structures or small construction elements, the lifting plate is compact yet robust, offering true versatility. It saves time and improves worksite safety when handling multiple timber components.

CERTIFIED

The plate is certified according to the Machinery Directive 2006/42/EC for weights up to 1.5 tonnes.



REUSABLE 2006/42/CE



FIELDS OF USE

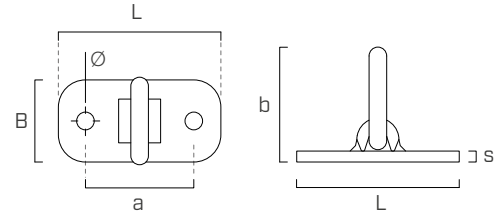
- Prefabricated timber frame walls
- Solid timber or glulam beams
- CLT panels for floor or wall
- Timber supports and columns
- Lightweight constructions for prefabricated roofs

CODE

CODE	plate sizes	max. capacity	suitable screws	pcs
RAPMINI	60 x 120 mm 2 3/8" x 4 3/4"	1500 kg 3300 lbs	VGS PLATE Ø11 mm HBS PLATE/HBS PLATE EVO Ø10 mm VGS Ø11 mm (+ HUS10)	1

DIMENSIONS

CODE	B [mm] [in]	L [mm] [in]	s [mm] [in]	Ø [mm] [in]	a [mm] [in]	b [mm] [in]
RAPMINI	60 2 3/8	120 4 3/4	8 5/16	13 1/2	80 3 1/8	84 3 5/16

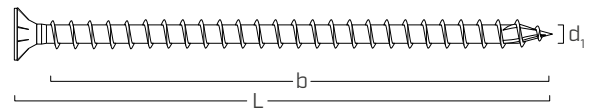
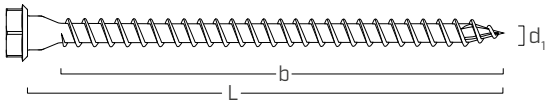


COMPATIBLE SCREWS

VGS PLATE
pan head screw for lifting



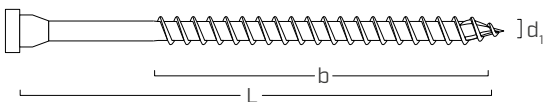
VGS
full thread screw
with countersunk head



d ₁ [mm] [in]	CODE	L [mm]	b [mm]	L [in]	b [in]	pcs
11 0.44 SW17 TX50	VGSPL1160	60	50	2 3/8	1 7/8	25
	VGSPL1180	80	70	3 1/8	2 11/16	25
	VGSPL11100	100	90	4	3 7/16	25
	VGSPL11120	120	110	4 3/4	4 1/4	25
	VGSPL11140	140	130	5 1/2	5 1/16	25
	VGSPL11160	160	150	6 1/4	5 13/16	25
	VGSPL11180	180	170	7 1/8	6 5/8	25
	VGSPL11200	200	190	8	7 3/8	25
	VGSPL11240	240	230	9 1/2	9	25
	VGSPL11280	280	270	11	10 9/16	25

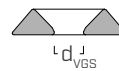
d ₁ [mm] [in]	CODE	L [mm]	b [mm]	L [in]	b [in]	pcs
11 0.44 TX 50	VGS1180	80	70	3 1/8	2 3/4	25
	VGS11100	100	90	4	3 1/2	25
	VGS11125	125	115	4 15/16	4 1/2	25
	VGS11150	150	140	6	5 1/2	25
	VGS11175	175	165	6 7/8	6 1/2	25
	VGS11200	200	190	8	7 1/2	25
	VGS11225	225	215	8 7/8	8 7/16	25
	VGS11250	250	240	10	9 1/2	25
	VGS11275	275	265	10 7/8	10 7/16	25
	VGS11300	300	290	11 3/4	11 7/16	25
	VGS11325	325	315	12 3/4	12 3/8	25
	VGS11350	350	340	13 3/4	13 3/8	25
	VGS11375	375	365	14 3/4	14 3/8	25
	VGS11400	400	390	15 3/4	15 3/8	25

HBS PLATE - HBS PLATE EVO
pan head screw for plates



The VGS screw can only be installed in combination with HUS washer.

HUS - turned washer



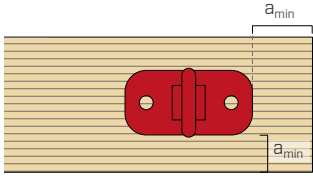
CODE	d _{VGS} [mm] [in]	pcs
HUS10	11 0.44	50

d ₁ [mm] [in]	CODE	L [mm]	b [mm]	L [in]	b [in]	pcs
10 0.40 TX 40	HBSPLEVO1060	60	52	2 3/8	2 1/16	50
	HBSPL1080	80	60	3 1/8	2 3/8	50
	HBSPL10100	100	75	4	2 15/16	50
	HBSPL10120	120	95	4 3/4	3 3/4	50
	HBSPL10140	140	110	5 1/2	4 3/8	50
	HBSPL10160	160	130	6 1/4	5 1/8	50
	HBSPL10180	180	150	7 1/8	6	50

RAPTOR MINI INSTALLATION

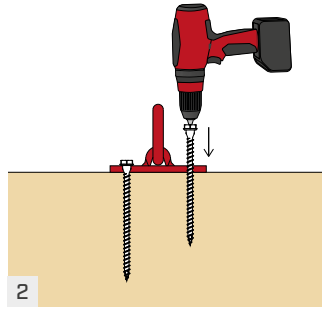


HBSPL Ø10 $M_{ins,max} = 35 \text{ Nm}$
 VGS | VSGPL Ø11 $M_{ins,max} = 40 \text{ Nm}$



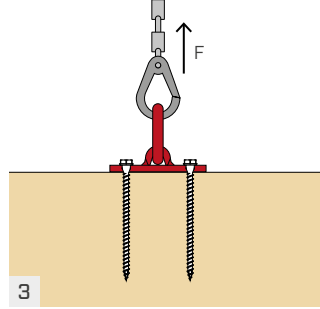
1

Read the instructions for use carefully and follow the directions. The positioning of the plate on the timber element must comply with the minimum recommended distances.



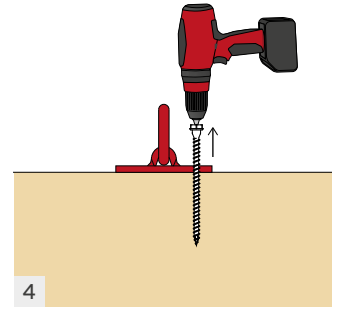
2

Screw length depends on the application and weight of the element to be moved. It is recommended to tighten them in accordance with the tightening torques indicated in the relevant installation instructions.



3

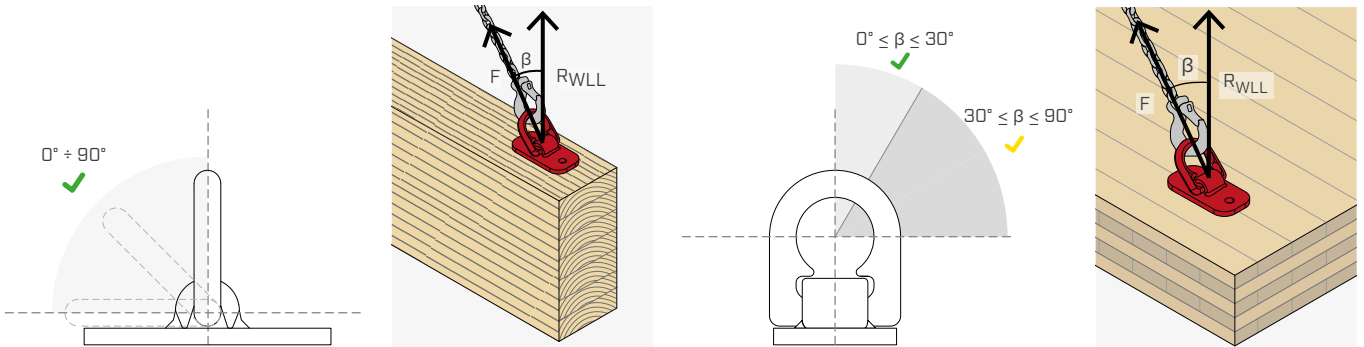
Connect the crane hook and carefully lift the element. Be careful at the corners and the allowed lifting directions and corresponding maximum lifting capacities.



4

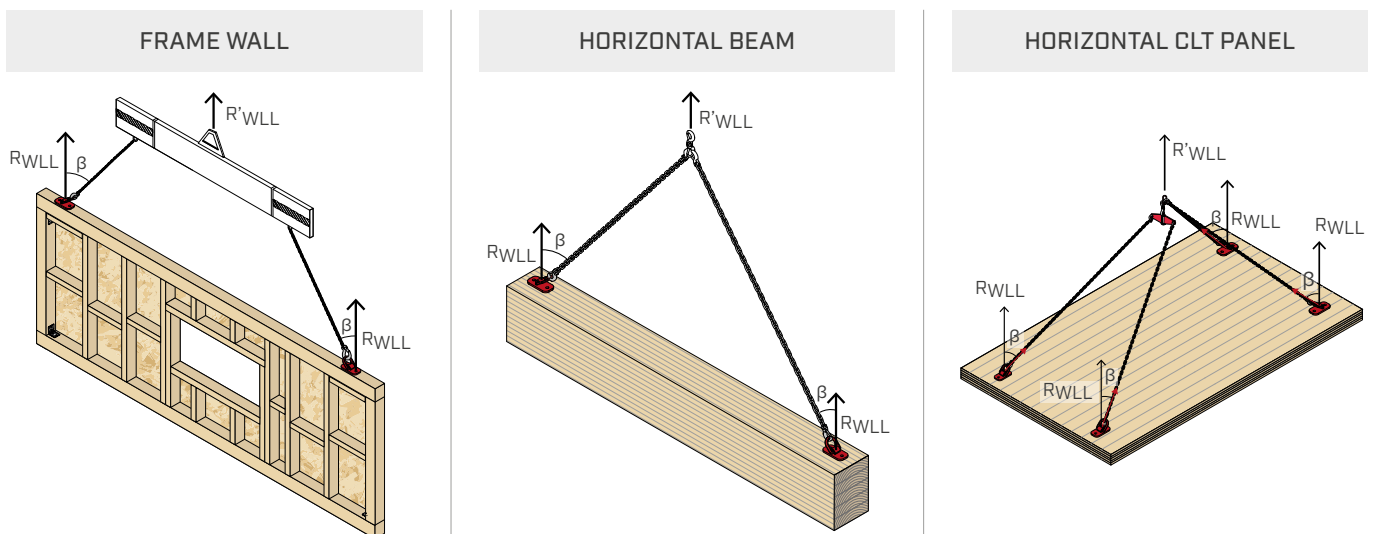
When lifting is complete, remove the screws and dispose of them. They can be used for a single lifting operation, except the VGS PL, which is reusable for transport under specific conditions. See the instructions.

LOAD DIRECTIONS ALLOWED



APPLICATION EXAMPLES

To consult the detailed technical tables with load values for different applications, visit the dedicated section on the official Rothoblaas website: www.rothoblaas.com.



R_{WLL} = reference rigging capacity for a single anchor system
 R'_{WLL} = total system rigging capacity
 β = lifting angle (angle between vertical axis and chain)

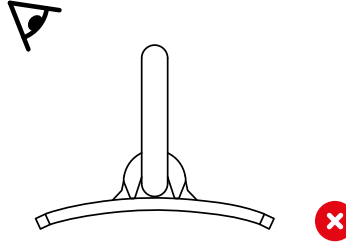
MINIMUM DISTANCES

For detailed information on the minimum usage distances of the lifting system, consult the full technical data sheet available at www.rothoblaas.com.

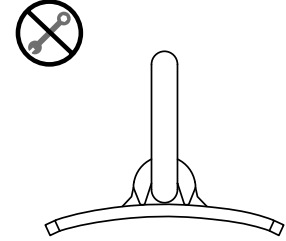
MAINTENANCE



Always follow the instructions in the manual.



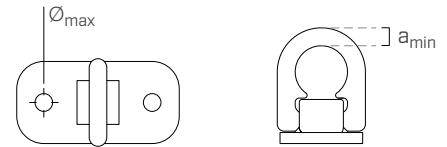
Visual inspection before each use. If there are any defects, the product must not be used again.



Repairs are not permitted!

DIMENSIONS TO BE CHECKED

CODE	\varnothing_{max} [mm]	a_{min} [mm]	\varnothing_{max} [in]	a_{min} [in]
RAPMINI	13,5	12,5	0.53	0.49



GENERAL PRINCIPLES:

- The use of pulse screw guns/impact wrenches is not permitted. Respect the insertion angle with the help of a pilot hole and/or installation template. Avoid bending. Ensure correct tightening. We recommend the use of torque-controlled screwdrivers, e.g. with TORQUE LIMITER. Alternatively, tighten with a torque wrench.
- The load capacity of the system depends primarily on the screws. The maximum permitted capacity of the transport plate is indicated above. The screw load capacity has been calculated for selected exemplary applications and can be consulted in the detailed technical data sheet at www.rothoblaas.com.
- The lifting plate may only be used by qualified personnel. The user manual (supplied with the product and available at www.rothoblaas.com) must be read and understood before use. The information and instructions contained therein must be followed. If in doubt, contact the Rothoblaas Technical Department before use.



The **data sheet** complete with **structural values** is available at www.rothoblaas.com



RAPTOR



RIGGING DEVICE FOR TIMBER ELEMENTS

UNIVERSAL

RAPTOR can be installed with configurations that make it suitable for the most common applications on the construction site:

- 6 screws: maximum strength and capacity
- 4 or 2 screws: for lifting and transporting lighter panels

The screws must be applied symmetrically.

VERSATILE

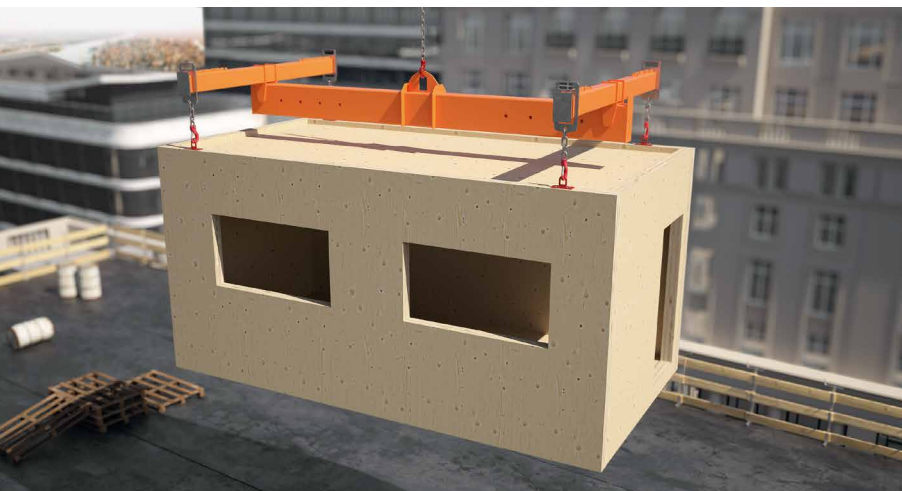
The device is suitable for many different handling configurations. It can be used to work with any inclination of the chain, working effectively in both tension and shear, but also in intermediate configurations.

CERTIFIED

The plate is certified according to the Machinery Directive 2006/42/EC for weights exceeding 3 tonnes.

USE AS A TEMPORARY ANCHOR POINT

One product – two functions. The plate can be used either as a lifting device to transport timber elements, or as a temporary fall protection anchor point.



FIELDS OF USE

- CLT panels for floor or wall
- Solid timber or glulam beams
- Prefabricated timber frame walls
- Ribbed structural elements
- Prefabricated modular structures
- Special structures
- Temporary fall protection anchor point



MATERIAL

The sturdy steel plate and lifting hook ensure safe lifting; the red coating improves visibility and protection on site, enhancing overall site safety.

CONFIGURATIONS

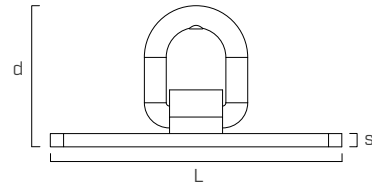
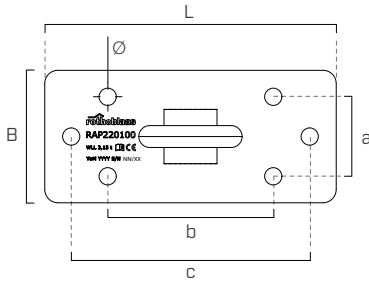
The 6 holes provide 3 assembly options with different screws, ensuring optimal installation for various lifting conditions and materials.

CODE

CODE	plate sizes	max. capacity	suitable screws	pcs
RAPTOR	100 x 220 mm 4" x 8 5/8"	3150 kg 6945 lb	VGS PLATE Ø11 mm HBS PLATE/HBS PLATE EVO Ø10 mm VGS Ø11 mm (+ HUS10)	1

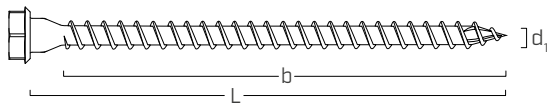
DIMENSIONS

CODE	B	L	s	Ø	a	b	c	d	B	L	s	Ø	a	b	c	d
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]
RAPTOR	100	220	10	13	60	125	180	107	4	8 5/8	3/8	1/2	2 3/8	4 15/16	7 1/8	4 3/16



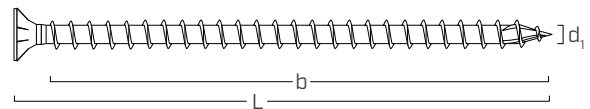
COMPATIBLE SCREWS

VGS PLATE
pan head screw for lifting



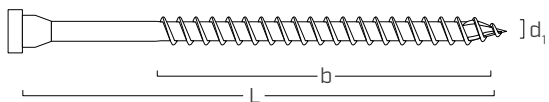
d ₁	CODE	L	b	L	b	pcs
[mm] [in]		[mm]	[mm]	[in]	[in]	
11 0.44 SW17 TX50	VGSP1160	60	50	2 3/8	1 7/8	25
	VGSP1180	80	70	3 1/8	2 11/16	25
	VGSP11100	100	90	4	3 7/16	25
	VGSP11120	120	110	4 3/4	4 1/4	25
	VGSP11140	140	130	5 1/2	5 1/16	25
	VGSP11160	160	150	6 1/4	5 13/16	25
	VGSP11180	180	170	7 1/8	6 5/8	25
	VGSP11200	200	190	8	7 3/8	25
	VGSP11240	240	230	9 1/2	9	25
	VGSP11280	280	270	11	10 9/16	25

VGS
full thread screw
with countersunk head



d ₁	CODE	L	b	L	b	pcs
[mm] [in]		[mm]	[mm]	[in]	[in]	
11 0.44 TX 50	VGS1180	80	70	3 1/8	2 3/4	25
	VGS11100	100	90	4	3 1/2	25
	VGS11125	125	115	4 15/16	4 1/2	25
	VGS11150	150	140	6	5 1/2	25
	VGS11175	175	165	6 7/8	6 1/2	25
	VGS11200	200	190	8	7 1/2	25
	VGS11225	225	215	8 7/8	8 7/16	25
	VGS11250	250	240	10	9 1/2	25
	VGS11275	275	265	10 7/8	10 7/16	25
	VGS11300	300	290	11 3/4	11 7/16	25
	VGS11325	325	315	12 3/4	12 3/8	25
	VGS11350	350	340	13 3/4	13 3/8	25
	VGS11375	375	365	14 3/4	14 3/8	25
	VGS11400	400	390	15 3/4	15 3/8	25

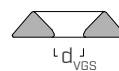
HBS PLATE - HBS PLATE EVO
pan head screw for plates



d ₁	CODE	L	b	L	b	pcs
[mm] [in]		[mm]	[mm]	[in]	[in]	
10 0.40 TX 40	HBSPLEVO1060	60	52	2 3/8	2 1/16	50
	HBSPL1080	80	60	3 1/8	2 3/8	50
	HBSPL10100	100	75	4	2 15/16	50
	HBSPL10120	120	95	4 3/4	3 3/4	50
	HBSPL10140	140	110	5 1/2	4 3/8	50
	HBSPL10160	160	130	6 1/4	5 1/8	50
	HBSPL10180	180	150	7 1/8	6	50

The VGS screw can only be installed in combination with HUS washer.

HUS - turned washer

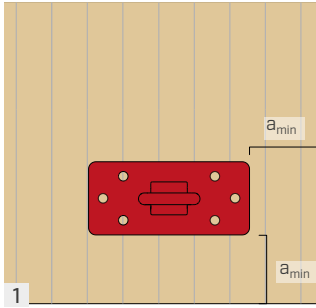


CODE	d _{VGS}	pcs
	[mm] [in]	
HUS10	11 0.44	50

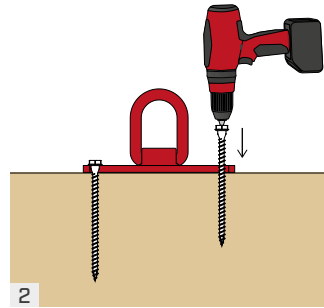
RAPTOR INSTALLATION



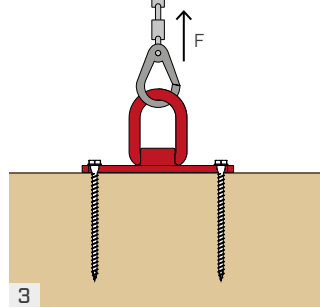
HBSPL Ø10 $M_{ins,max} = 35 \text{ Nm}$
 VGS | VGSPL Ø11 $M_{ins,max} = 40 \text{ Nm}$



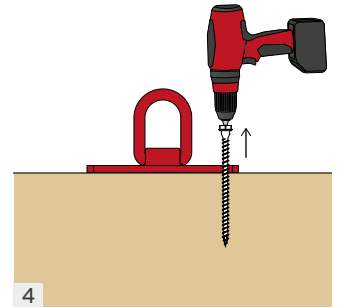
1 Read the instructions for use carefully and follow the directions regarding minimum recommended distances, lifting directions and angles, and maximum load capacity.



2 Length and quantity of screws depend on the application and the weight of the element. Ensure correct tightening torque is applied, following the torque values specified in the corresponding installation instructions.

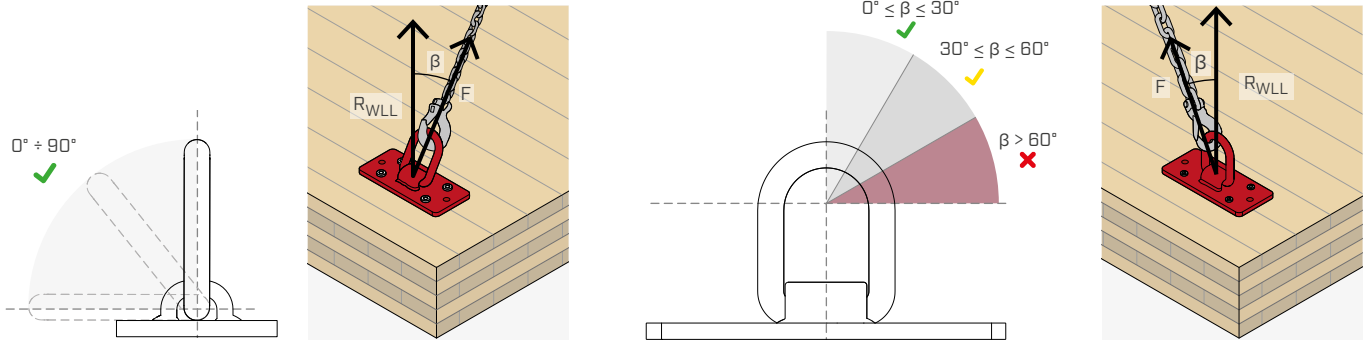


3 Connect the crane hook and carefully lift the element. Pay attention to the permitted lifting angles and directions, as well as the corresponding maximum load capacities.

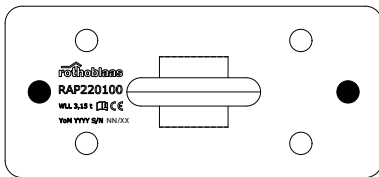


4 When lifting is complete, remove the screws and dispose of them. They can be used for a single lifting operation, except the VGS PL, which is reusable for transport under specific conditions. See the instructions.

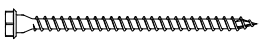
LOAD DIRECTIONS ALLOWED



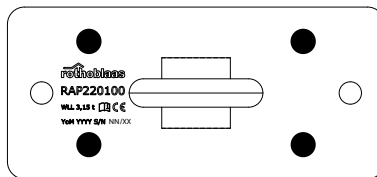
POSSIBLE LAYOUT OF SCREWS



VGS PLATE



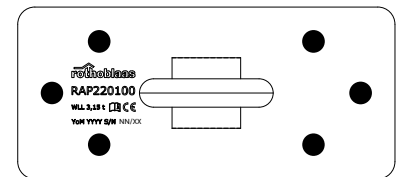
x2 VGS PLATE



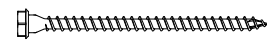
HBS PLATE - HBS PLATE EVO



x4 HBS PLATE

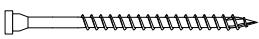


VGS + HUS

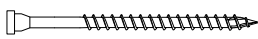


x6 VGS PLATE

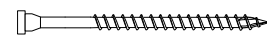
VGS + HUS



x2 VGS + x2 HUS



x4 VGS + x4 HUS



x6 VGS + x6 HUS

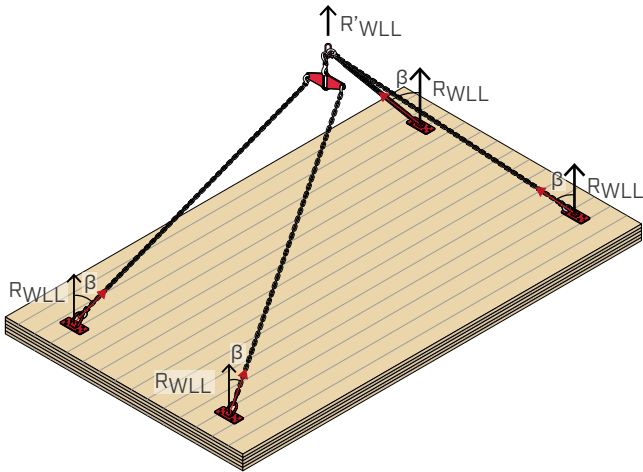
NOTES:

- The RAPTOR plate must be fixed with homogeneous connectors, same type (HBS PLATE, VGS PLATE or VGS) of the same length. The same configuration must be replicated on all plates used on the element to be moved.

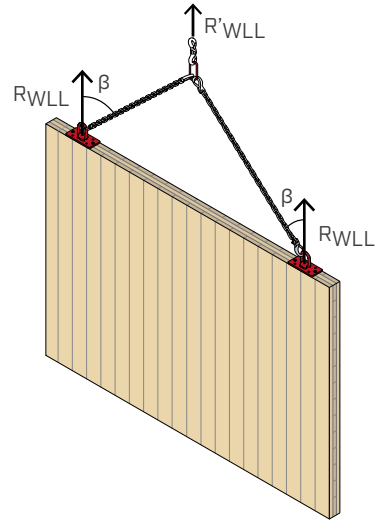
APPLICATION EXAMPLES

To consult the detailed technical tables with load values for different applications, visit the dedicated section on the official Rothoblaas website: www.rothoblaas.com.

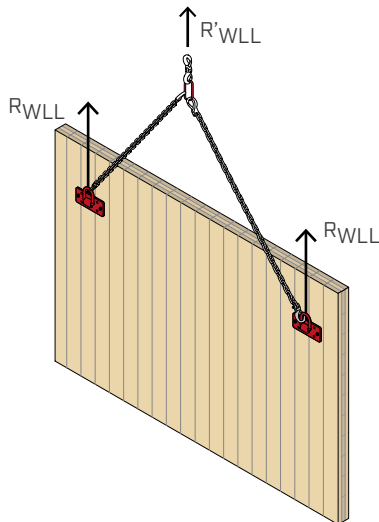
HORIZONTAL CLT PANEL



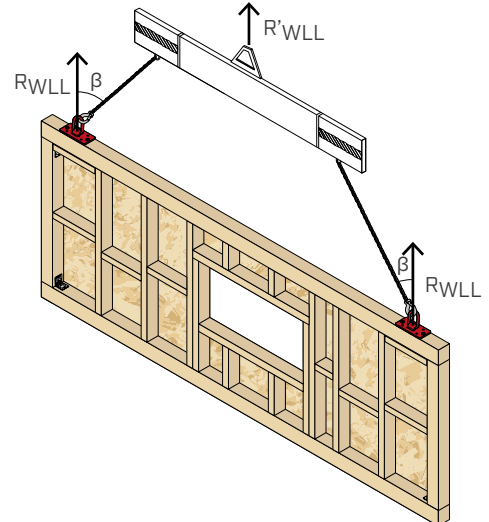
VERTICAL CLT PANEL FROM THE EDGE



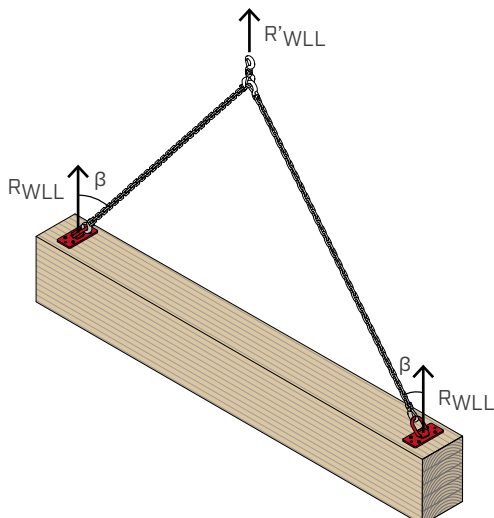
VERTICAL CLT WALL - WIDE FACE



FRAME WALL



HORIZONTAL BEAM



R_{WLL} = reference rigging capacity for a single anchor system
 R'_{WLL} = total system rigging capacity
 β = lifting angle (angle between vertical axis and chain)

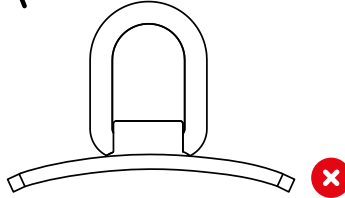
MINIMUM DISTANCES

For detailed information on the minimum usage distances of the lifting system, consult the full technical data sheet available at www.rothoblaas.com.

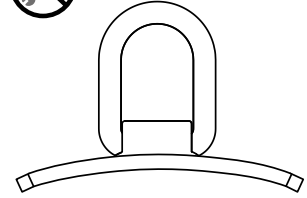
MAINTENANCE



Always follow the instructions in the manual.



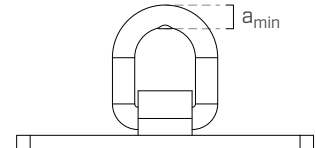
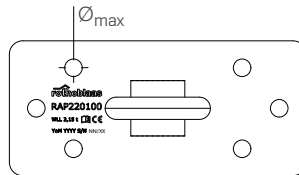
Visual inspection before each use. If there are any defects, the product must not be used again.



Repairs are not permitted!

DIMENSIONS TO BE CHECKED

CODE	\varnothing_{max} [mm]	a_{min} [mm]	\varnothing_{max} [in]	a_{min} [in]
RAP220100	13,5	16,0	0.53	0.63



GENERAL PRINCIPLES:

- The load capacity of the system depends primarily on the screws. The maximum permitted capacity of the transport plate is indicated above. The screw load capacity has been calculated for selected exemplary applications and can be consulted in the detailed technical data sheet at www.rothoblaas.com.
- For safety reasons, VGS and HBS PLATE screws may only be used once. Once tightened and loaded, the screws must not be loosened and used a second time to secure the transport plate. As soon as the timber element to be transported has been lifted to its final position and the transport plate is no longer needed for this purpose, the screws must be unscrewed and disposed of properly. Only the VGSPL screw may be reused under certain conditions. It is essential to follow the manual's instructions.
- The lifting plate may only be used by qualified personnel. The user manual (supplied with the product and available at www.rothoblaas.com) must be read and understood before use. The information and instructions contained therein must be followed. If in doubt, contact the Rothoblaas Technical Department before use.
- Special conditions apply when using the system as a temporary fall protection anchor point – see the relevant user manual.



The **data sheet** complete with **structural values** is available at www.rothoblaas.com



RAPTOR MAXI

LARGE RIGGING DEVICE FOR TIMBER ELEMENTS

VARIABLE LOAD CAPACITY DUE TO VARIABLE NUMBER OF SCREWS

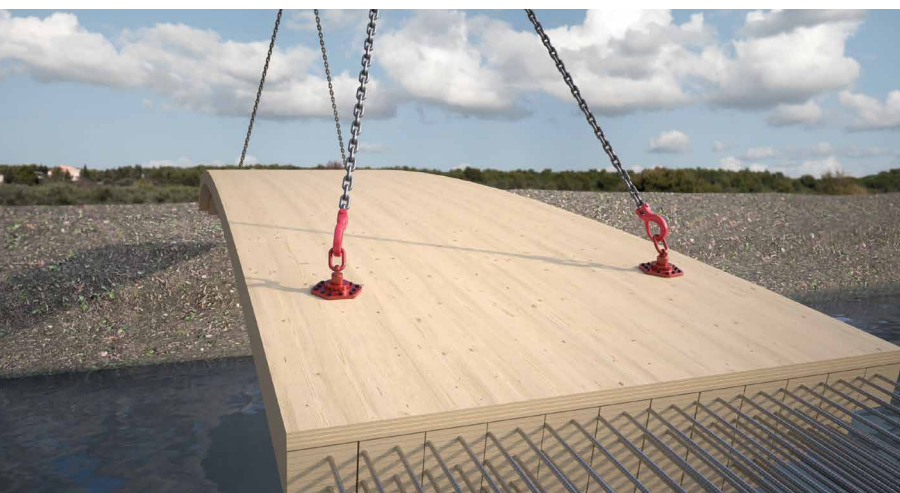
The transport plate allows effective load management thanks to the possibility for fastening with 6, 8, 10 or 12 screws – ideal for heavy components and high safety requirements.

SELF-ALIGNING HOOK

The integrated lifting hook is rotatable, allowing attachment from any direction without the need for alignment – for efficient and safe on-site handling.

CERTIFIED

The plate is certified according to the Machinery Directive 2006/42/EC for weights up to 7.0 tonnes.



FIELDS OF USE

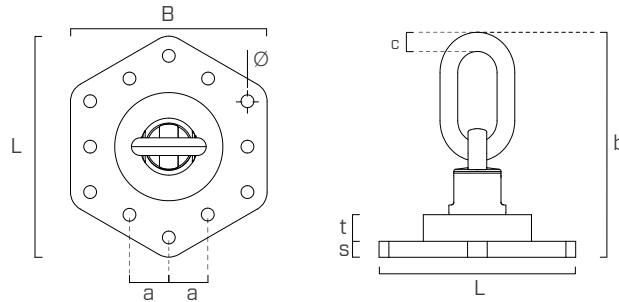
- Heavy prefabricated modules
- Large CLT and hybrid (timber-concrete) floor panels
- Large timber beams
- Heavy special timber constructions

CODE

CODE	plate sizes	max. capacity	suitable screws	pcs
RAPMAXI	120 x 200 mm 4 3/4" x 8"	7000 kg 15430 lbs	VGS PLATE Ø11 mm HBS PLATE Ø10 mm VGS Ø11 mm (+ HUS10)	1

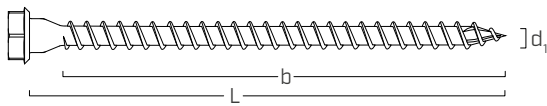
DIMENSIONS

CODE	B	L	s	Ø	a	b	c	d	B	L	s	Ø	a	b	c	d
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]
RAPTOR	120	200	15	25	13	46	210	18	4 3/4	8	9/16	1	1/2	1 13/16	8 1/4	11/16



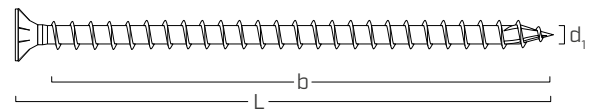
COMPATIBLE SCREWS

VGS PLATE
pan head screw for lifting



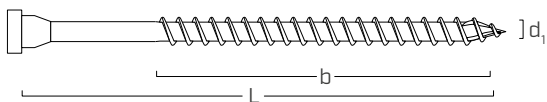
d ₁	CODE	L	b	L	b	pcs
[mm]		[mm]	[mm]	[in]	[in]	
11 0.44 SW17 TX50	VGSP11160	60	50	2 3/8	1 7/8	25
	VGSP11180	80	70	3 1/8	2 11/16	25
	VGSP11100	100	90	4	3 7/16	25
	VGSP11120	120	110	4 3/4	4 1/4	25
	VGSP11140	140	130	5 1/2	5 1/16	25
	VGSP11160	160	150	6 1/4	5 13/16	25
	VGSP11180	180	170	7 1/8	6 5/8	25
	VGSP11200	200	190	8	7 3/8	25
	VGSP11240	240	230	9 1/2	9	25
	VGSP11280	280	270	11	10 9/16	25

VGS
full thread screw
with countersunk head



d ₁	CODE	L	b	L	b	pcs
[mm]		[mm]	[mm]	[in]	[in]	
11 0.44 TX 50	VGS1180	80	70	3 1/8	2 3/4	25
	VGS11100	100	90	4	3 1/2	25
	VGS11125	125	115	4 15/16	4 1/2	25
	VGS11150	150	140	6	5 1/2	25
	VGS11175	175	165	6 7/8	6 1/2	25
	VGS11200	200	190	8	7 1/2	25
	VGS11225	225	215	8 7/8	8 7/16	25
	VGS11250	250	240	10	9 1/2	25
	VGS11275	275	265	10 7/8	10 7/16	25
	VGS11300	300	290	11 3/4	11 7/16	25
	VGS11325	325	315	12 3/4	12 3/8	25
	VGS11350	350	340	13 3/4	13 3/8	25
	VGS11375	375	365	14 3/4	14 3/8	25
	VGS11400	400	390	15 3/4	15 3/8	25

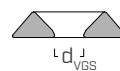
HBS PLATE - HBS PLATE EVO
pan head screw for plates



d ₁	CODE	L	b	L	b	pcs
[mm]		[mm]	[mm]	[in]	[in]	
10 0.40 TX 40	HBSPLEVO1060	60	52	2 3/8	2 1/16	50
	HBSPL1080	80	60	3 1/8	2 3/8	50
	HBSPL10100	100	75	4	2 15/16	50
	HBSPL10120	120	95	4 3/4	3 3/4	50
	HBSPL10140	140	110	5 1/2	4 3/8	50
	HBSPL10160	160	130	6 1/4	5 1/8	50
	HBSPL10180	180	150	7 1/8	6	50

The VGS screw can only be installed in combination with HUS washer.

HUS - turned washer

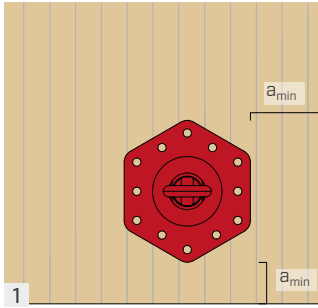


CODE	d _{VGS}	pcs	
	[mm]	[in]	
HUS10	11	0.44	50

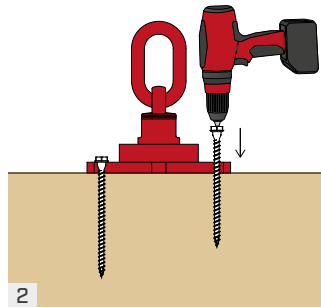
RAPTOR MAXI INSTALLATION



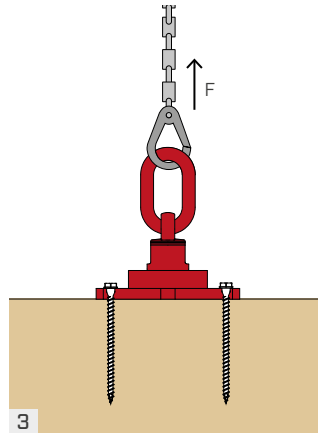
HBSPL Ø10 $M_{ins,max} = 35 \text{ Nm}$
 VGS | VGSPL Ø11 $M_{ins,max} = 40 \text{ Nm}$



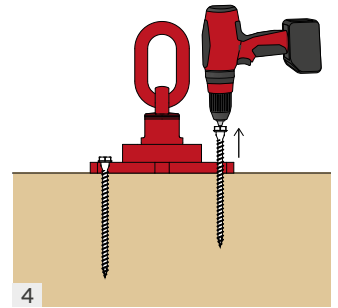
1 Read the instructions for use carefully and follow the directions. The positioning of the plate on the timber element must comply with the minimum recommended distances.



2 Length and quantity of screws depend on the application and the weight of the element to be moved. It is recommended to tighten them in accordance with the tightening torques indicated in the relevant installation instructions.

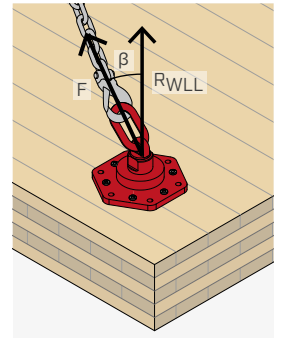
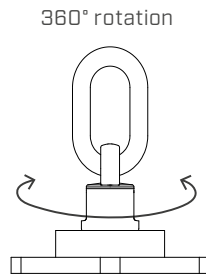
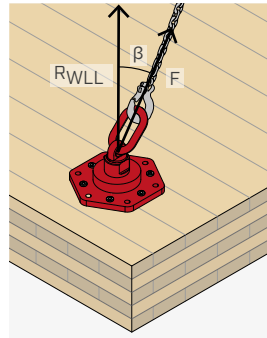
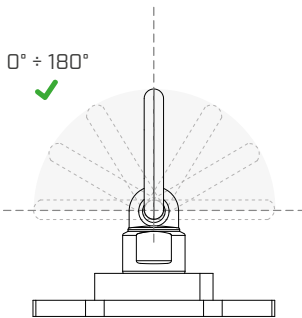


3 Connect the crane hook and carefully lift the element. Be careful at the corners and about the allowed lifting directions and corresponding maximum lifting capacities.

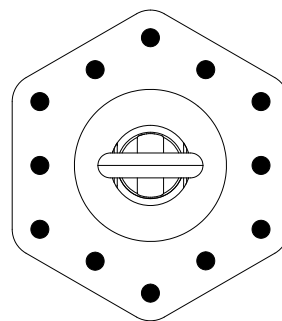
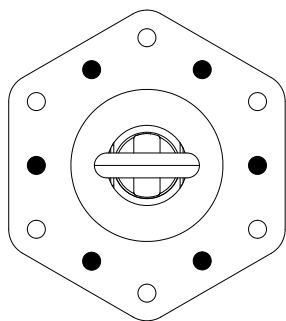


4 When lifting is complete, remove the screws and dispose of them. They can be used for a single lifting operation, except the VGS PL, which is reusable for transport under specific conditions. See the instructions.

LOAD DIRECTIONS ALLOWED



POSSIBLE LAYOUT OF SCREWS



VGS PLATE



x6 VGS PLATE
 x12 VGS PLATE

HBS PLATE - HBS PLATE EVO



x6 HBS PLATE
 x12 HBS PLATE

VGS + HUS

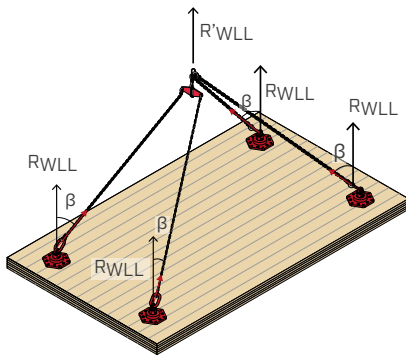


x6 VGS + x6 HUS
 x12 VGS + x12 HUS

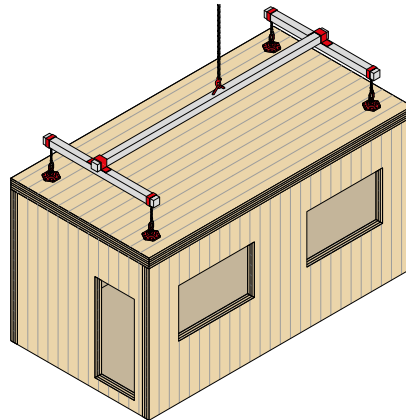
APPLICATION EXAMPLES

To consult the detailed technical tables with load values for different applications, visit the dedicated section on the official Rothoblaas website: www.rothoblaas.com.

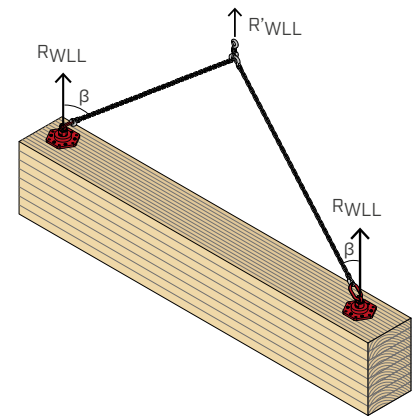
VERTICAL CLT PANEL



PREFABRICATED MODULAR CONSTRUCTIONS



HORIZONTAL BEAM



RWLL = reference rigging capacity for a single anchor system

R'WLL = total system rigging capacity

β = lifting angle (angle between vertical axis and chain)

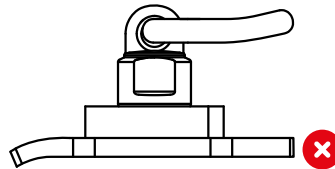
MINIMUM DISTANCES

For detailed information on the minimum usage distances of the lifting system, consult the full technical data sheet available at www.rothoblaas.com.

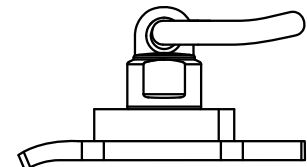
MAINTENANCE



Always follow the instructions in the manual.



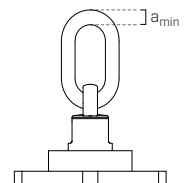
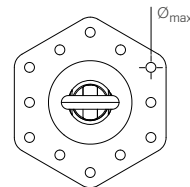
Visual inspection before each use. If there are any defects, the product must not be used again.



Repairs are not permitted!

DIMENSIONS TO BE CHECKED

CODE	\varnothing_{max} [mm]	a_{min} [mm]	\varnothing_{max} [in]	a_{min} [in]
RAPMAXI	13,5	16,5	0.53	0.65



GENERAL PRINCIPLES:

- The load capacity of the system depends primarily on the screws. The maximum permitted capacity of the transport plate is indicated above. The screw load capacity has been calculated for selected exemplary applications and can be consulted in the detailed technical data sheet at www.rothoblaas.com.
- The lifting plate may only be used by qualified personnel. The user manual (supplied with the product and available at www.rothoblaas.com) must be read and understood before use. The information and instructions contained therein must be followed. If in doubt, contact the Rothoblaas Technical Department before use.



The **data sheet** complete with **structural values** is available at www.rothoblaas.com



VGS PLATE



PAN HEAD HEX SCREW FOR LIFTING

ONE SCREW FOR ALL TRANSPORT APPLICATIONS

The specially developed head shape guarantees full compatibility with all screw-based transport and lifting systems (WASP, WASPL, RAPTOR, RAPTOR MINI and RAPTOR MAXI).

REUSABLE - FOR SUSTAINABLE AND COST-EFFICIENT TRANSPORT

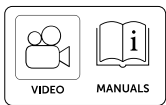
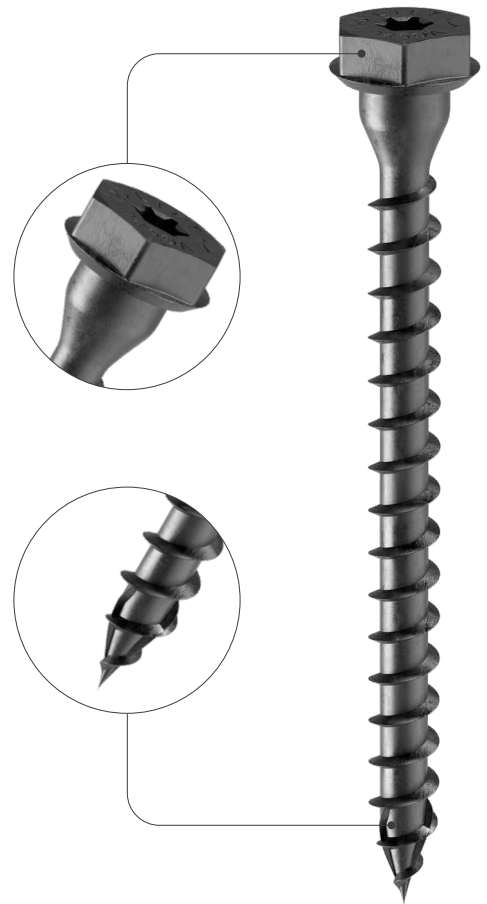
Unlike traditional single-use solutions, this screw is designed for multiple use during transport. The combination of a robust hexagonal head and TORX drive enables screwing and unscrewing without damaging the screw.


VISUAL SAFETY THROUGH COLOUR CODING

Integrated colour coding allows immediate identification of the screw on site and avoids confusion with non-approved standard timber screws.

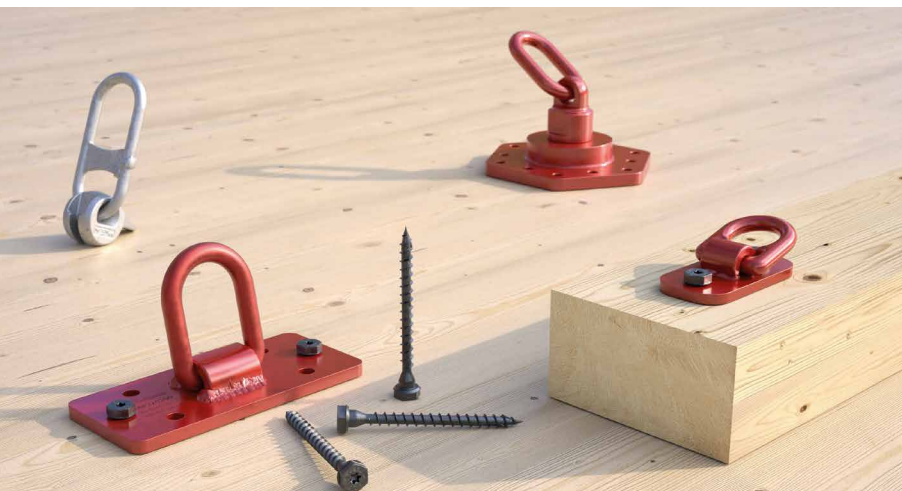
USE IN STRUCTURAL CONNECTIONS

The screw is also certified for permanent metal-to-timber structural connections in buildings. The head is designed for pairing with plates.



DIAMETER [mm]	9 <input type="radio"/> 11 <input type="radio"/> 15
LENGTH [mm]	60 <input type="radio"/> 60 <input type="radio"/> 280 <input type="radio"/> 2000
SERVICE CLASS	<input type="radio"/> SC1 <input type="radio"/> SC2
ATMOSPHERIC CORROSIVITY	<input type="radio"/> C1 <input type="radio"/> C2
WOOD CORROSIVITY	<input type="radio"/> T1 <input type="radio"/> T2
MATERIAL	 black electrogalvanized carbon steel

METAL-to-TIMBER recommended use:



FIELDS OF USE

- WASP
- RAPTOR
- RAPTOR MINI
- RAPTOR MAXI

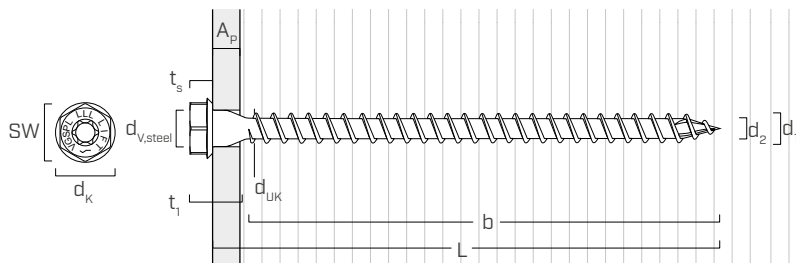
REUSABLE

The reusability of the screw for transporting timber elements has been thoroughly analysed and tested. To ensure safe use, the instructions for use must be read and understood prior to use.

CODES AND DIMENSIONS

d_1 [mm] [in]	CODE	L [mm]	b [mm]	L [in]	b [in]	pcs
11 0.44 SW17 TX50	VGSP11160	60	50	2 3/8	1 7/8	25
	VGSP11180	80	70	3 1/8	2 11/16	25
	VGSP11100	100	90	4	3 7/16	25
	VGSP11120	120	110	4 3/4	4 1/4	25
	VGSP11140	140	130	5 1/2	5 1/16	25
	VGSP11160	160	150	6 1/4	5 13/16	25
	VGSP11180	180	170	7 1/8	6 5/8	25
	VGSP11200	200	190	8	7 3/8	25
	VGSP11240	240	230	9 1/2	9	25
	VGSP11280	280	270	11	10 9/16	25

GEOMETRY AND MECHANICAL CHARACTERISTICS



Nominal diameter	d_1	[mm]	11	d_1	[in]	0.433
Head diameter	d_K	[mm]	20,00	d_K	[in]	0.787
Internal thread diameter	d_2	[mm]	6,60	d_2	[in]	0.260
Head thickness	t_1	[mm]	19,00	t_1	[in]	0.748
Wrench size	SW	-	17	SW	-	-
Hexagonal head thickness	t_s	[mm]	5,75	t_s	[in]	0.226
Underhead diameter	d_{UK}	[mm]	12,00	d_{UK}	[in]	0.472
Hole diameter on steel plate	$d_{v,steel}$	[mm]	13,0	$d_{v,steel}$	[in]	1/2
Pre-drilling hole diameter ⁽¹⁾	$d_{V,S}$	[mm]	6,0	$d_{V,S}$	[in]	1/4
Pre-drilling hole diameter ⁽²⁾	$d_{V,H}$	[mm]	7,0	$d_{V,H}$	[in]	1/4

⁽¹⁾ Pre-drilling valid for softwood.

⁽²⁾ Pre-drilling valid for hardwood and beech LVL.

For detailed load value tables for different applications, refer to the extended technical data sheet for lifting systems at www.rothoblaas.com

JIG REUSE

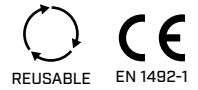
- The template, essential for checking and verifying the reusability of lifting screws, enables the identification of screws that can or cannot be reused
- Screws that fail the check (too deformed and/or worn) must be properly disposed of

CODES AND DIMENSIONS

CODE	description	pcs
JIGREVGSP11	inspection template for reusable screws	1

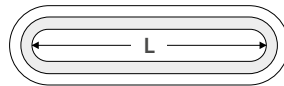


MANTIS



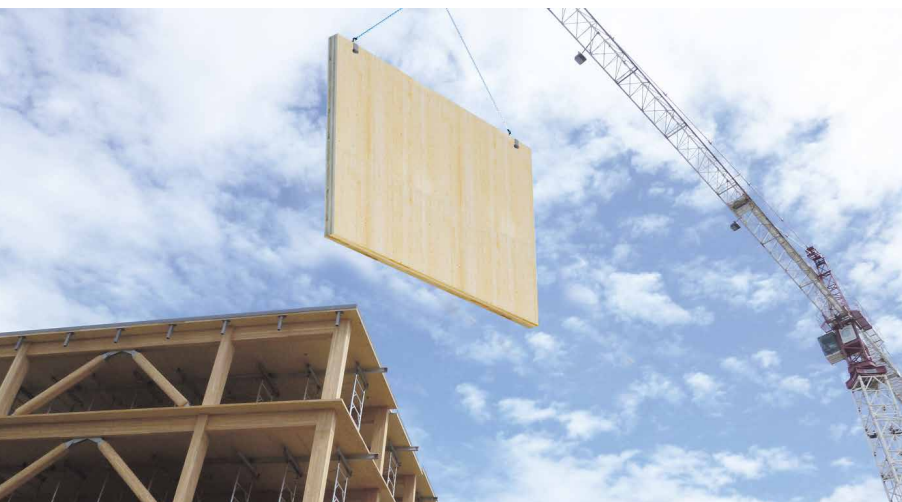
REUSABLE LIFTING BELT FOR TRANSPORT WALLS AND PRECAST ELEMENTS

- Polyester belt, available in two lengths and two capacities
- Safety factor 7:1, capacity up to 1250 kg | 2750 lbs
- Reusable until signs of wear appear



CODES AND DIMENSIONS

CODE	L	width	WLL			pcs
			I	U	Ø	
	[cm] [in]	[cm] [in]	[kg] [lbs]	[kg] [lbs]	[kg] [lbs]	
MNT80050	50 19 3/4	3,5 1 3/8	800 1750	1600 3550	640 1400	100
MNT800100	100 39 3/8	3,5 1 3/8	800 1750	1600 3550	640 1400	100
MNT125050	50 19 3/4	5 2	1250 2750	2500 5500	1000 2200	100
MNT1250100	100 39 3/8	5 2	1250 2750	2500 5500	1000 2200	100



MATERIAL

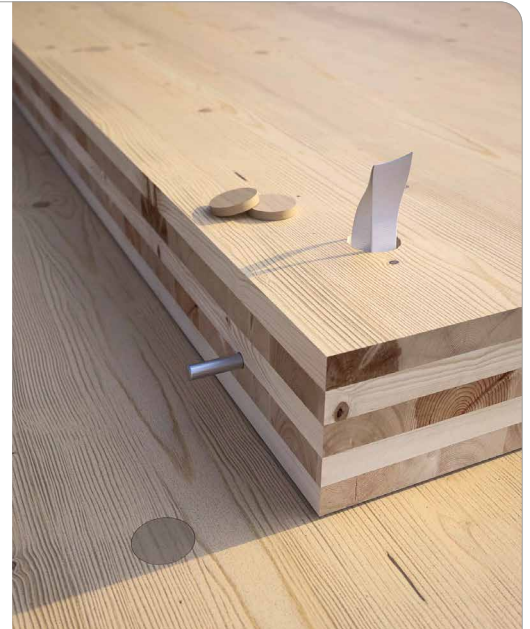
Polyester belts and labels according to EN 1492-1. 100% recyclable.

FIELDS OF USE

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

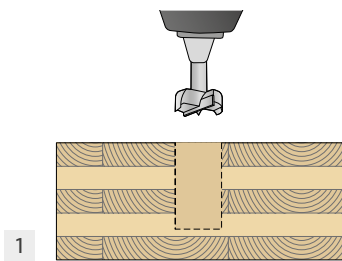
Integrated lifting for exposed CLT floor structures

Invisible lifting system, designed for floor structure elements with aesthetic requirements. By combining a smooth dowel with the MANTIS transport strap, certified for lifting, a simple and sturdy transport system can be developed during the production of timber elements. By drilling only two holes, which can be integrated in the woodworking process with a CNC machine, an invisible transport option can be created.

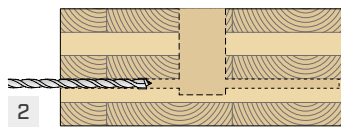


MANTIS + STA for CLT FLOORS

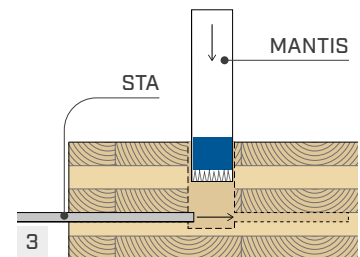
MANTIS + STA INSTALLATION



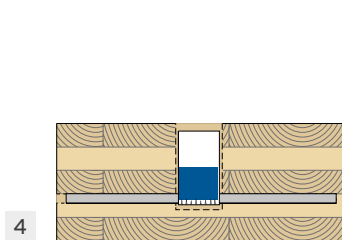
1 Drill the upper blind hole



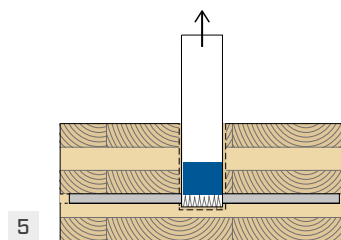
2 Side drilling for smooth dowel



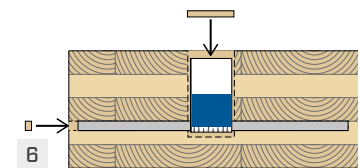
3 Insert STA dowel and MANTIS



4 During the storage or transport of elements, MANTIS can remain protected in the hole



5 Lift MANTIS



6 After lifting operations, both the blind hole and the side hole can be closed using TAPS

RELATED PRODUCTS



TAPS
page 268



BORMAX 3.0 HM
page 244



LEWIS
page 236



STA

The complete technical data sheet is available at www.rothoblaas.com



rothoblaas.com



DRAGON

LIFTING STRAP WITH TILTING SYSTEM

- Reusable lifting system ideal for Timber Frame elements
- Certified for lifting and reusable according to EN 1492-1 with a safety factor of 7:1
- Hole required in the element: 45 mm



CODES AND DIMENSIONS

CODE	size		WLL						pcs
	[mm]	[in]		45°		60°			
			[kg]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	
DRAGON	35 x 500	1 3/8 x 19 3/4	850	1875	595	1310	425	935	1



OCTOPUS

LIFTING EYEBOLT AND PERCUSSION NUT

- Eyebolts can be used again
- Limited wear



LIFTING EYEBOLTS

CODE	thread	rope diameter		L		capacity		colour mark	pcs
		[mm]	[in]	[mm]	[in]	[kg]	[lbs]		
OCT45512	M12	6,0	0.236	455	17 15/16	500	1100	orange	1
OCT45516	M16	8,0	0.315	455	17 15/16	1200	2645	red	1
OCT45520	M20	10,0	0.394	455	17 15/16	2000	4410	green	1

PERCUSSION NUT

CODE	thread	Ø hole		H		Ø flange		colour mark	pcs
		[mm]	[in]	[mm]	[in]	[mm]	[in]		
OCTM12	M12	18	3/4	14	9/16	60	2 3/8	orange	50
OCTM16	M16	22	7/8	16	5/8	60	2 3/8	red	50
OCTM20	M20	24	15/16	16	5/8	60	2 3/8	green	50

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



VIPER



POLYESTER BELT WITH EYEBOLTS

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

CODES AND DIMENSIONS

CODE	L [m] [ft]	B [mm] [in]	capacity			pcs	
			I	U	⊘		
1	VPR3100	3 9' 10"	50 1 15/16	1000 2200	2000 4410	800 1764	1
	VPR4100	4 13' 1"	50 1 15/16	1000 2200	2000 4410	800 1764	1
	VPR5100	5 16' 5"	50 1 15/16	1000 2200	2000 4410	800 1764	1
2	VPR3200	3 9' 10"	60 2 3/8	2000 4410	4000 8820	1600 3530	1
	VPR4200	4 13' 1"	60 2 3/8	2000 4410	4000 8820	1600 3530	1
	VPR5200	5 16' 5"	60 2 3/8	2000 4410	4000 8820	1600 3530	1
3	VPR4300	4 13' 1"	90 3 1/2	3000 6615	6000 13230	2400 5290	1
	VPR5300	5 16' 5"	90 3 1/2	3000 6615	6000 13230	2400 5290	1
	VPR6300	6 19' 8"	90 3 1/2	3000 6615	6000 13230	2400 5290	1
4	VPR4400	4 13' 1"	120 4 3/4	4000 8820	8000 17640	3200 7055	1
	VPR5400	5 16' 5"	120 4 3/4	4000 8820	8000 17640	3200 7055	1
	VPR6400	6 19' 8"	120 4 3/4	4000 8820	8000 17640	3200 7055	1



1



2



3



4



DESCRIPTION

Supplied with a certificate of conformity and user instructions. Numbered identification label with instructions for inspection and proper use of the tie rod.

FIELDS OF USE

Suitable for lifting and transporting elements of various materials, sizes and weights.

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



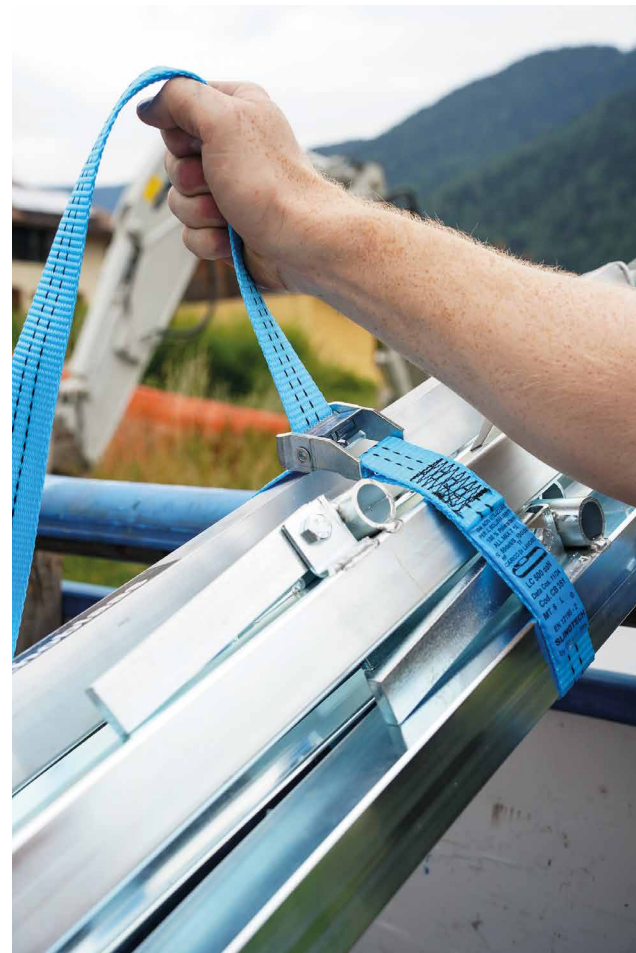
CODES AND DIMENSIONS

CODE	size		capacity		pcs
	[mm]	[in x ft]	[kg]	[lbs]	
RTT85500	50 x 8500	2" x 28'	5000	11025	1

PHYTHON

RING-SHAPED ANCHOR BELT

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



CODES AND DIMENSIONS

CODE	B		L		capacity		pcs
	[mm]	[in]	[m]	[ft]	[kg]	[lbs]	
PYT2503	25	1	3	9' 10"	250	550	2
PYT3506	35	1 3/8	6	19' 8"	500	1100	1



ACCESSORIES FOR LIFTING

EAGLINK

CHAIN FOR TRANSPORT WITH HOOK

- High-strength alloy steel G10 with safety factor of 4:1
- Self-locking hook



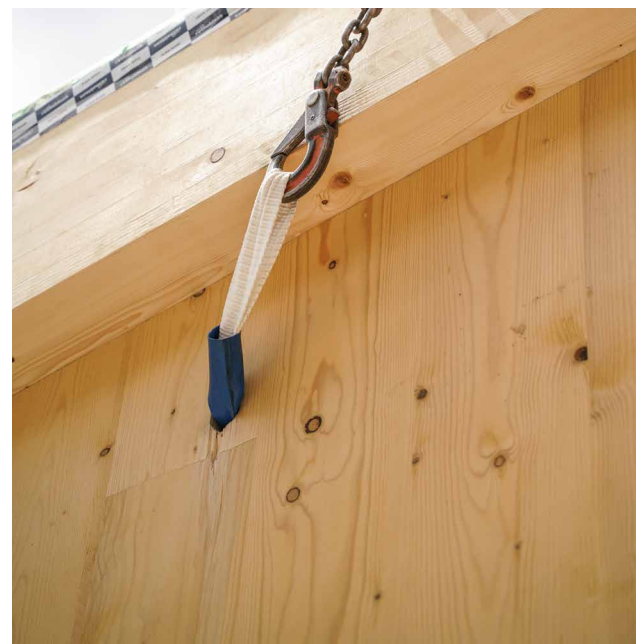
CODES AND DIMENSIONS

CODE	description	L		chain Ø		capacity				weight		pcs	
		[cm]	[ft]	[mm]	[in]	0° - 45°		45° - 60°		[kg]	[lbs]		
1	EAGLINK27300	2-leg sling	300	9' 10"	7	1/4	2120	4675	1500	3310	11,0	24	1
	EAGLINK28400	2-leg sling	400	13' 1"	8	5/16	2800	6170	2000	4410	15,6	34	1
2	EAGLINK48300	4-leg sling	300	9' 10"	8	1/4	4250	9370	3000	6615	26,2	58	1
	EAGLINK410400	4-leg sling	400	13' 1"	10	5/16	6700	14770	4750	10470	50,4	111	1

RAVEN WRAP

CUT PROTECTION FOR TRANSPORT STRAP

- Tubular protection designed to protect against the risk of cuts
- Perfectly suited to fabric straps, such as MANTIS and DRAGON



CODES AND DIMENSIONS

CODE	description	B	L	B	L	pcs
		[mm]	[cm]	[in]	[ft]	
RAVENWRAP35	tubular protection for 35 mm 1 3/8" straps	40	50	1 9/16	165	1
RAVENWRAP50	tubular protection for 50 mm 1 15/16" straps	60	50	2 3/8	165	1

WINGSPAN

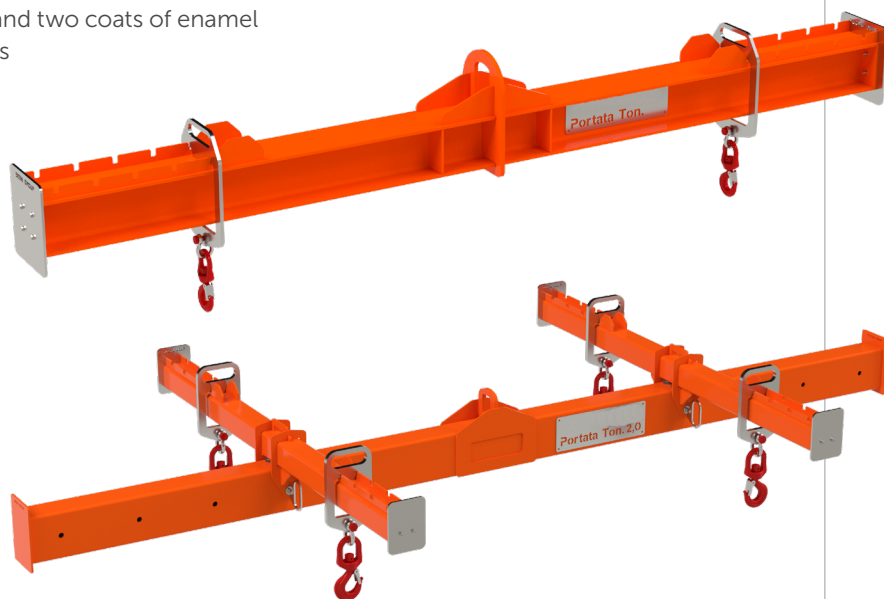
Do you need to lift large or irregular-shaped elements safely and efficiently, while ensuring even load distribution across multiple anchor points?

Do you need a lifting frame for your next project assembly?

You can count on us. Send us your request and we will create a custom-designed lifting beam, tailored to your specific requirements. Whether a simple beam or an H-configuration, we can provide a tailored solution to make every lift safe and simple. All elements are designed and manufactured to order.

General features:

- Shackles and swivel hooks included
- Protective coating with anti-rust primer and two coats of enamel
- Certified according to current regulations
- Easy and safe to use



Send us your request to receive the order form and a free quote.

➔ www.rothoblaas.com



NAILGUNS AND STAPLERS

NAILGUNS AND STAPLERS

ANKER NAILGUNS

KMR 3731	156
AT 0116	156
KMR 1738	157
KMR 3722	157
TJ 6201	158
KMR 1700	158
TJ 1091	159

LBA	160
-----	-----

LOOSE NAILS

NAIL C	162
NAIL S	162

COIL NAILGUNS, CORD COILS 16°

KMR 3516	163
KMR 3551	163
KMR 3515	164
KMR 3539	164
KMR 1710	165

D16° WIRE-COLLATED COIL NAILS	166
-------------------------------	-----

COIL NAILS, PLASTIC STRIP COLLATION K16°	170
--	-----

STRIP MAGAZINE NAILGUNS

KMR 3555	172
KMR 1697	172
KMR 1698	172

STRIP NAILS, PLASTIC STRIP COLLATION K20°	173
---	-----

GAS NAILGUNS

KMR 1699	174
KMR 1708	174
GAS CARTRIDGE	174

NAILS FOR GAS NAILGUN	175
-----------------------	-----

CORRUGATED FASTENER NAILGUN

KMR 1039	176
----------	-----

STAPLERS

KMR 1063	177
KMR 3481	177
KMR 3450	177
KMR 3727	178
KMR 3474	178
TJ 1689	178
KMR 3455	179
KMR 3454	179
KMR 3489	179
KMR 3718	179

SKATER-SYSTEM	180
---------------	-----

STAPLES	182
---------	-----

HAMMER STAPLERS

HAMMER STAPLER 47	186
HAMMER STAPLER 22	186
HAND STAPLER	187
STAPLES L	187

PIN NAILGUNS

KMR 3716	188
KMR 3485	188
KMR 3483	188

PINS AND BRADS	189
----------------	-----

LIGNOLOC	190
----------	-----

LEGEND



electrogalvanized carbon steel



hot dip galvanising



A4 | AISI316 austenitic stainless steel (CRC III)



ungalvanised, for indoor use only



A2 | AISI304 austenitic stainless steel (CRC II)

KMR 3731

PALM NAILER

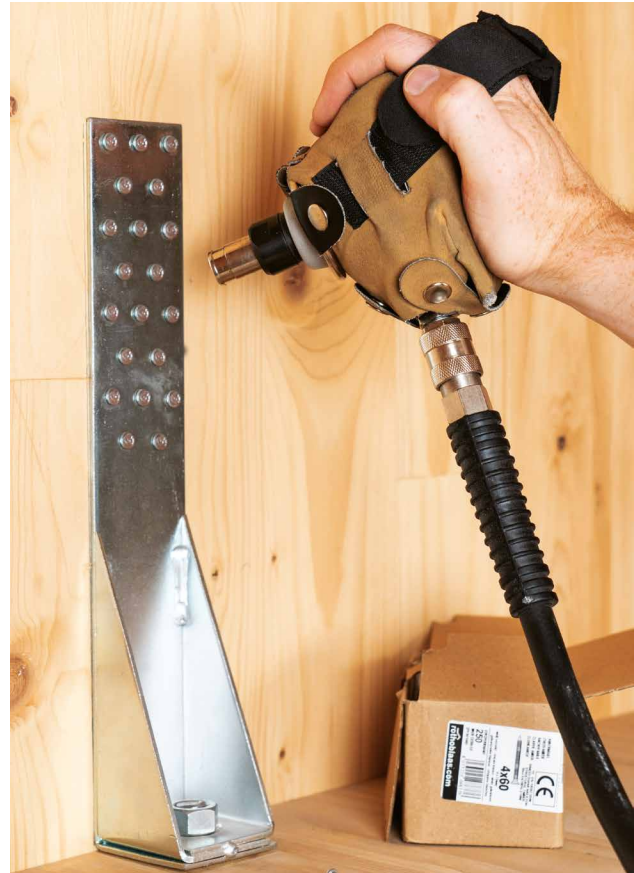
- Multi-functional use thanks to additional accessories
- Magnetic nail guide
- Nail length: **unlimited**
- Ø nail: **< 10 mm | 3/8"**
- Air consumption in litres per minute (min./max.): **56 - 113 litres**
- Operating pressure (min./max.): **3.5 - 8.4 BAR (50 - 125 psi)**



CODES AND DIMENSIONS

CODE	nails	trigger	weight [kg] [lbs]		pcs
HH3731	loose nails	stotter	1,1	2.4	1

The supply includes: carry case.



AT 0116

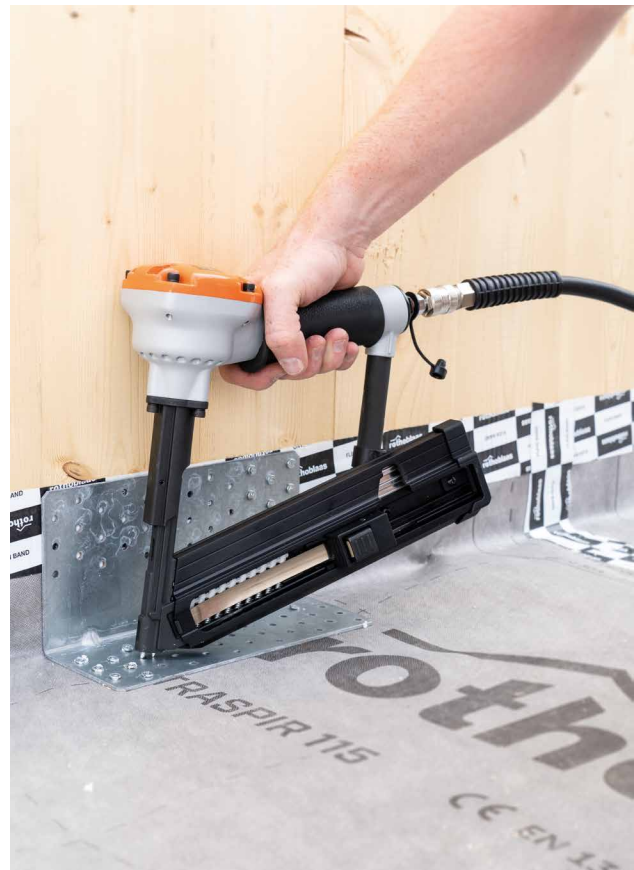
PALM NAILER WITH MAGAZINE

- Precise nailing with short strokes, no recoil
- Shock-absorbing rubber handle and extra-wide rubber edge for impact-free operation and optimal surface protection
- Nail length: **40 - 50 - 60 mm | 1 9/16" - 1 15/16" - 2 3/8"**
- Ø nail: **4,0 mm | 0.16 inch**
- Air consumption per cycle: **4.6 litres**
- Operating pressure (min./max.): **6.8 - 8.3 BAR (100 - 120 psi)**



CODES AND DIMENSIONS

CODE	taping	trigger	weight [kg] [lbs]		pcs
ATEU0116	K34°	stotter	2,4	5.3	1



KMR 1738

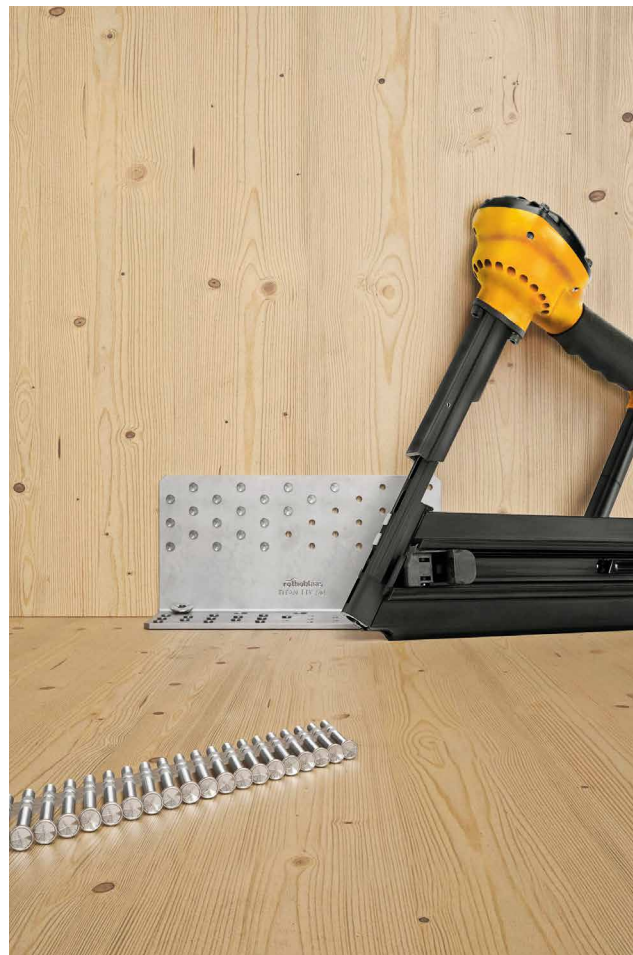
PALM NAILER WITH LARGE MAGAZINE

- Nail length: **60 - 75 mm** | 2 3/8" - 2 15/16"
- Ø nail: **4,0 mm** | 0.16 inch



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH12100738	K34°	stotter	1



KMR 3722

ANKER STRIP NAILGUN

- Precise hole location thanks to optimised nose
- Nail length: **40 - 50 mm** | 1 9/16" - 1 15/16"
- Ø nail: **4,0 mm** | 0.16 inch
- Air consumption per cycle: **1.73 litres**
- Operating pressure (min./max.): **4.8 - 8.3 BAR (70 - 120 psi)**



CODES AND DIMENSIONS

CODE	taping	trigger	weight [kg] [lbs]	pcs
HH3722	K25°	single	2,6 5.7	1

CE UK EAC



TJ 6201

CE

ANKER STRIP NAILGUN

- Dry-fire lockout safety device
- Tool-free depth adjustment
- 360° adjustable air exhaust
- Nail length P34°: **38 - 64 mm | 1 1/2" - 2 1/2"**
- Nail length K34°: **40 - 50 - 60 mm | 1 9/16" - 1 15/16" - 2 3/8"**
- Ø nail: **4,0 mm | 0.16 inch**
- Air consumption per cycle: **1.96 litres**
- Operating pressure (min./max.): **4.8 - 8.3 BAR (70 - 120 psi)**



CODES AND DIMENSIONS

CODE	taping	trigger	weight [kg] [lbs]		pcs
TJ6K2001N	K34° + P34°	single	2,7	6.0	1



KMR 1700

CE UK EAC

ANKER GAS NAILGUN

- Compact lithium-ion battery with charge level indicator
- Integrated beam hook for convenient operation
- Precise hole location thanks to optimised tool tip
- Nail length: **40 - 50 - 60 mm | 1 9/16" - 1 15/16" - 2 3/8"**
- Ø nail: **4,0 mm | 0.16 inch**
- Shots per gas cartridge: **1200 nails**
- Shots per battery charge: **8000 nails**



CODES AND DIMENSIONS

CODE	taping	trigger	weight [kg] [lbs]		pcs
HH12100700	P34°	single	4,0	8.8	1

The supply includes: carry case.



TJ 1091



ANKER COIL NAILGUN

- Precise insertion into nail plates, directional air exhaust and protective plastic cap for clean and safe operation
- Up to 100 nails per coil – fewer reloads, greater efficiency on site
- Nail length: **35 - 40 - 50 - 60 mm | 1 3/8" - 1 9/16" - 1 15/16" - 2 3/8"**
- Ø nail: **4,0 mm | 0.16 inch**
- Air consumption per cycle: **2.5 litres**
- Operating pressure (min./max.): **4.8 - 8.3 BAR (70 - 120 psi)**



CODES AND DIMENSIONS

CODE	taping	trigger	weight [kg] [lbs]		pcs
TJ100091	BC15°	single	2,3	5.1	1



HIGH BOND NAIL

EXCELLENT PERFORMANCE

The new LBA nails have shear strength values among the highest on the market and make it possible to certify characteristic nail strengths that more closely approximate actual experimental strengths.

CERTIFIED ON CLT AND LVL

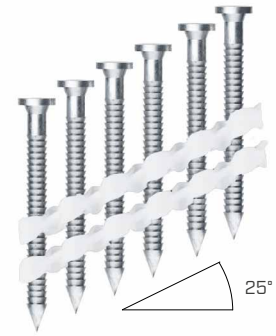
Tested and certified values for plates on CLT substrates. Its use is also certified on LVL.

LBA BINDED

The nail is also available in a bound version with the same ETA certification and therefore the same high performance.

STAINLESS STEEL VERSION

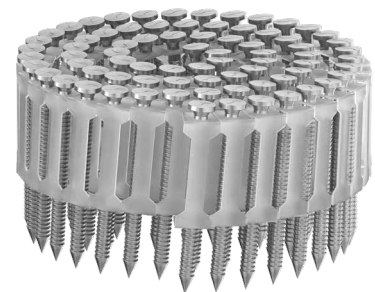
The nails are also available with the same certification from ETA in A4/AISI316 stainless steel for outdoor applications, with very high strength values.



LBA 25 PLA



LBA 34 PLA



LBA COIL



DIAMETER [mm] 3 **4** 6 12

LENGTH [mm] 25 **40** 100 200

MATERIAL



electrogalvanized carbon steel



A4 | AISI316 austenitic stainless steel (CRC III)



FIELDS OF USE

- timber based panels
- fibreboard and MDF panels
- solid timber
- glulam (Glued Laminated Timber)
- CLT, LVL

CODES AND DIMENSIONS

LBA - loose nails



d ₁ [mm][in]	CODE	L		b		compatible machine HH3731	pcs
		[mm]	[in]	[mm]	[in]		
4 0.16	LBA440	40	1 9/16	30	1 3/16	●	250
	LBA450	50	1 15/16	40	1 9/16	●	250
	LBA460	60	2 3/8	50	1 15/16	●	250
	LBA475	75	2 15/16	65	2 9/16	●	250
6 0.24	LBA4100	100	4	85	3 3/8	●	250
	LBA660	60	2 3/8	50	1 15/16	●	250
	LBA680	80	3 1/8	70	2 3/4	●	250
	LBA6100	100	4	85	3 3/8	●	250

LBAI A4 | AISI316 - loose nails



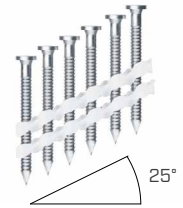
d ₁ [mm][in]	CODE	L		b		compatible machine HH3731	pcs
		[mm]	[in]	[mm]	[in]		
4 0.16	LBAI450	50	1 15/16	40	1 9/16	●	250



LBA 25 PLA - plastic stick binding 25°



d ₁ [mm][in]	CODE	L		b		compatible machine HH3722	pcs
		[mm]	[in]	[mm]	[in]		
4 0.16	LBA25PLA440	40	1 9/16	30	1 3/16	●	2000
	LBA25PLA450	50	1 15/16	40	1 9/16	●	2000
	LBA25PLA460	60	2 3/8	50	1 15/16	-	2000



LBA 34 PLA - plastic stick binding 34°



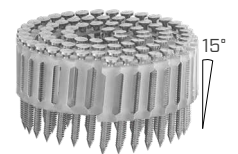
d ₁ [mm][in]	CODE	L		b		compatible machine				pcs
		[mm]	[in]	[mm]	[in]	ATEU0116	HH12100738	TJK2001N	HH12100507	
4 0.16	LBA34PLA440	40	1 9/16	30	1 3/16	●	-	●	●	2000
	LBA34PLA450	50	1 15/16	40	1 9/16	●	-	●	●	2000
	LBA34PLA460	60	2 3/8	50	1 15/16	●	●	●	●	2000
	LBA34PLA475	75	2 15/16	60	2 3/8	-	●	-	-	2000



LBA COIL - 15° plastic roll binding



d ₁ [mm][in]	CODE	L		b		compatible machine TJ100091	pcs
		[mm]	[in]	[mm]	[in]		
4 0.16	LBACOIL440	40	1 9/16	30	1 3/16	●	1600
	LBACOIL450	50	1 15/16	40	1 9/16	●	1600
	LBACOIL460	60	2 3/8	50	1 15/16	●	1600

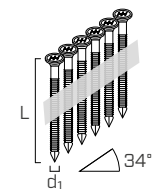


NOTE: LBA, LBA 25 PLA, LBA 34 PLA and LBA COIL available in hot-dip galvanised version on request.

STRIP - P34° + GAS



d ₁ [mm][in]	CODE	L		compatible machine			pcs
		[mm]	[in]	HH12100700			
4 0.16	HH10401923	40	1 9/16	●	●	●	1250
	HH10401924	50	1 15/16	●	●	●	1250
	HH10401925	60	2 3/8	●	●	●	1250

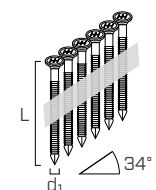


One pack of connectors includes 1x gas cartridge (code HH10900608).

STRIP - P34° WITHOUT GAS



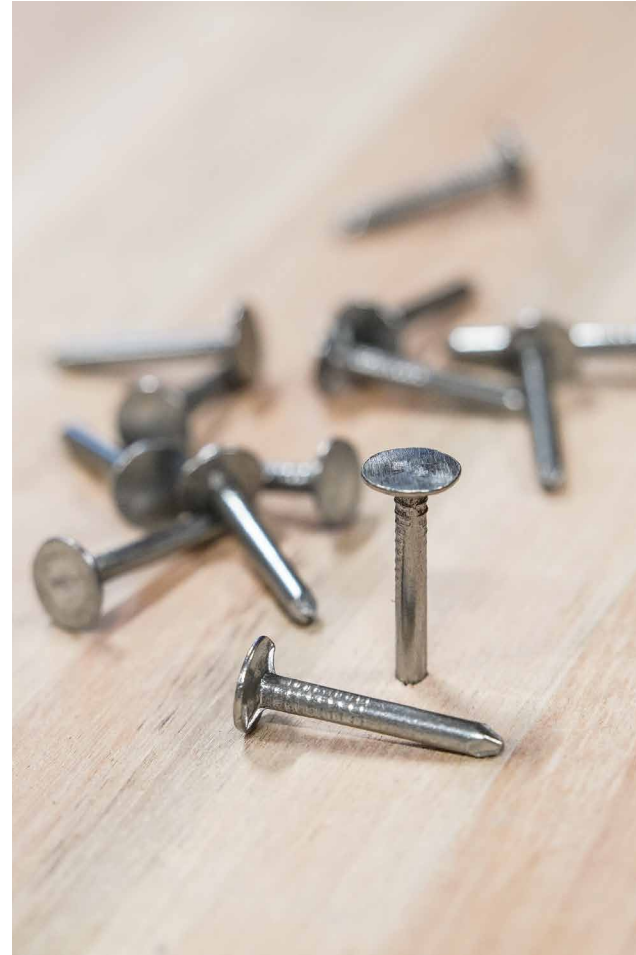
d ₁ [mm][in]	CODE	L		compatible machine			pcs
		[mm]	[in]	HH12100700	TJ6K2001N	HH12100507	
4 0.16	HH10401267	40	1 9/16	●	●	●	1250
	HH10401268	50	1 15/16	●	●	●	1250
	HH10401269	60	2 3/8	●	●	●	1250



NAIL C

FLANGE-HEAD NAILS

- Loose nails
- Uncoated



CODES AND DIMENSIONS

d ₁ [mm] [in]	CODE	L		weight	
		[mm]	[in]	[kg]	[lbs]
3,1 0.12	NAILC3119	19	3/4	5,0	11.0
	NAILC3125	25	1	5,0	11.0
	NAILC3132	32	1 1/4	5,0	11.0
	NAILC3145	45	1 3/4	5,0	11.0

NAIL S

SMOOTH-SHANK NAILS

- Loose nails
- Uncoated



CODES AND DIMENSIONS

d ₁ [mm] [in]	CODE	L		weight	
		[mm]	[in]	[kg]	[lbs]
2,7	0.106 NAILS2760	60	2 3/8	5,0	11.0
3,0	0.118 NAILS3070	70	2 3/4	5,0	11.0
3,4	0.134 NAILS3480	80	3 1/8	5,0	11.0
4,0	0.157 NAILS4090	90	3 1/2	5,0	11.0
4,4	0.173 NAILS44100	100	4	5,0	11.0
5,0	0.197 NAILS50120	120	4 3/4	5,0	11.0

KMR 3516

ROOFING NAILGUN 16°

- Nail length: **19 - 45 mm | 3/4" - 1 3/4"**
- Ø nail: **3,0 mm | 0.12 inch**
- Weight: **2,3 kg | 5.0 lbs**
- Air consumption per cycle: **1.6 litres**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3516	D16°	single / contact	1

CE UK EAC
CA RA



KMR 3551

COIL NAILGUN 16°

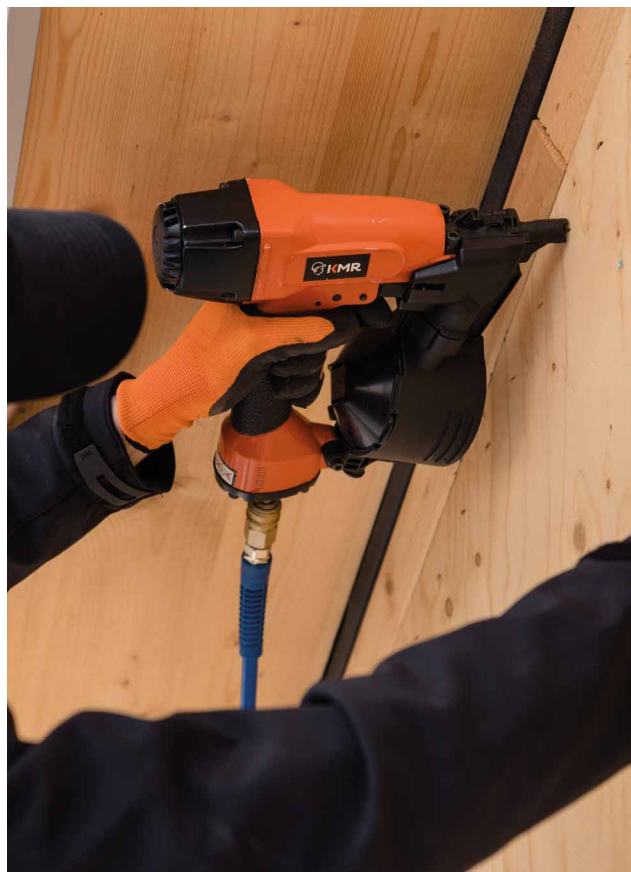
- Nail length: **25 - 50 mm | 1" - 2"**
- Ø nail: **1,6 - 2,1 mm | 0.06 - 0.08 inch**
- Weight: **1,9 kg | 4.2 lbs**
- Air consumption per cycle: **0.7 litres**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3551	D 16° MINI	single / contact	1

CE UK EAC
CA RA



KMR 3515

COIL NAILGUN 16°

- Nail length: **38 - 70 mm | 1 1/2" - 2 3/4"**
- Ø nail: **2,3 - 3,1 mm | 0.09 - 0.12 inch**
- Weight: **2,85 kg | 6.3 lbs**
- Air consumption per cycle: **1.6 litres**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3515	D16°	single	1

CE UK EAC



KMR 3539

COIL NAILGUN 16°

- Nail length: **45 - 90 mm | 1 3/4" - 3 1/2"**
- Ø nail: **2,5 - 3,4 mm | 0.10 - 0.13 inch**
- Weight: **3,8 kg | 8.4 lbs**
- Air consumption per cycle: **2.97 litres**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3539	D 16°	single / contact	1

CE UK EAC



KMR 1710

COIL NAILGUNS - MULTI TOOL

- Nail length: **50 - 90 mm | 2" - 3 1/2"**
- Ø nail: **2,5 - 3,1 mm | 0.10 - 0.12 inch**
- Weight: **3,6 kg | 7.9 lbs**
- Air consumption per cycle: **1.37 litres**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH12100710	D 16°/K20°/TC	single / contact	1

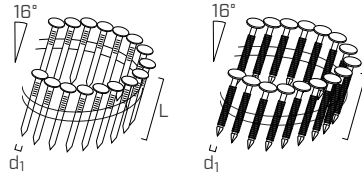
The supply includes: carry case.



D16° WIRE-COLLATED COIL NAILS

ROOFING NAILS

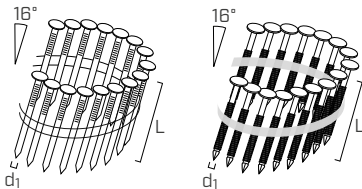
SMOOTH - RING



d ₁ [mm] [in]	CODE	L		coating	shank	compatible machine HH3516	pcs	weight [kg]
		[mm]	[in]					
3,1 0.12	HH10500001	19	3/4	electrogalvanized	smooth	●	7200	10,0
	HH10500004	22	7/8	electrogalvanized	smooth	●	7200	10,7
	HH10500007	25	1	electrogalvanized	smooth	●	7200	12,9
	HH10500010	32	1 1/4	electrogalvanized	smooth	●	7200	14,7
	HH10500013	38	1 1/2	electrogalvanized	smooth	●	7200	18,2
	HH10500016	45	1 3/4	electrogalvanized	smooth	●	7200	21,9
3,1 0.12	HH10500002	19	3/4	hot dip galvanising	smooth	●	7200	10,0
	HH10500005	22	7/8	hot dip galvanising	smooth	●	7200	10,7
	HH10500008	25	1	hot dip galvanising	smooth	●	7200	12,9
	HH10500011	32	1 1/4	hot dip galvanising	smooth	●	7200	14,7
	HH10500014	38	1 1/2	hot dip galvanising	smooth	●	7200	18,2
3,1 0.12	HH10500595	19	3/4	electrogalvanized	ring	●	7200	10,0
	HH10500597	25	1	electrogalvanized	ring	●	7200	12,9
3,1 0.12	HH10500941	25	1	stainless A2 (AISI 304)	ring	●	7200	12,9

MINI NAILS D16°

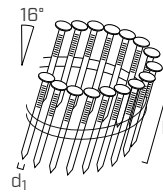
SMOOTH - RING



d ₁ [mm] [in]	CODE	L		coating	shank	compatible machine HH3516	pcs	weight [kg]
		[mm]	[in]					
2,1 0.08	HH10500617	30	1 3/16	ungalvanised	smooth	●	16800	13,4
	HH10500628	35	1 3/8	ungalvanised	smooth	●	14700	13,6
	HH10500637	40	1 9/16	ungalvanised	smooth	●	12600	13,3
	HH10500644	45	1 3/4	ungalvanised	smooth	●	12600	15,0
	HH10500650	50	1 15/16	ungalvanised	smooth	●	10500	13,8
2,1 0.08	HH10501513	25	1	ungalvanised	ring	●	18900	13,0
	HH10500419	27	1 1/16	ungalvanised	ring	●	16800	11,3
	HH10500619	30	1 3/16	ungalvanised	ring	●	16800	13,4
	HH10500625	32	1 1/4	ungalvanised	ring	●	16800	14,3
	HH10500629	35	1 3/8	ungalvanised	ring	●	14700	13,6
	HH10500634	38	1 1/2	ungalvanised	ring	●	14700	14,8
	HH10500639	40	1 9/16	ungalvanised	ring	●	12600	13,3
	HH10500646	45	1 3/4	ungalvanised	ring	●	12600	15,0
	HH10500652	50	1 15/16	ungalvanised	ring	●	10500	13,8
	2,1 0.08	HH10500622	30	1 3/16	electrogalvanized	ring	●	16.800
HH10500627		32	1 1/4	electrogalvanized	ring	●	16.800	14,3
HH10500642		40	1 9/16	electrogalvanized	ring	●	12.600	13,3
HH10500653		50	1 15/16	electrogalvanized	ring	●	10.500	13,8

SMOOTH-SHANK NAILS

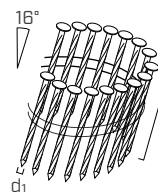
COIL FORMAT



d ₁ [mm] [in]	CODE	L		coating	compatible machine				pcs	weight [kg]
		[mm]	[in]		HH3515	HH3539	HH12100710	SKATER + 12200127		
2,5 0.10	HH10500429	50	1 15/16	ungalvanised	●	●	●	●	9000	16,8
	HH10500430	55	2 3/16	ungalvanised	●	●	●	●	9000	18,4
	HH10500382	45	1 3/4	ungalvanised	●	●	●	●	10800	19,1
	HH30002560	60	2 3/8	ungalvanised	●	●	●	●	7200	17,4
	HH30002565	65	2 3/8	ungalvanised	●	●	●	●	7200	18,8
	HH30002570	70	2 9/16	ungalvanised	●	●	●	●	7200	20,3
2,8 0.11	HH10500122	60	2 9/16	ungalvanised	●	●	●	●	6000	18,0
	HH10500144	65	2 3/4	ungalvanised	●	●	●	●	6000	18,8
	HH30002870	70	2 3/4	ungalvanised	●	●	●	●	6000	18,0
	HH10500173	75	2 3/8	ungalvanised		●	●	●	4500	16,8
	HH30002880	80	2 9/16	ungalvanised		●	●	●	4500	20,2
	HH30002890	90	2 3/4	ungalvanised		●	●	●	4500	20,9
3,1 0.12	HH10501247	70	2 3/4	ungalvanised	●	●	●	●	4800	19,4
	HH10500184	80	2 15/16	ungalvanised		●	●	●	3600	17,6
	HH10500198	90	3 1/8	ungalvanised		●	●	●	3600	18,8
2,5 0.10	HH10500454	60	3 1/8	electrogalvanized	●	●	●	●	7200	16,1
	HH10500259	65	3 1/2	electrogalvanized	●	●	●	●	7200	17,4
2,8 0.11	HH10500227	65	2 3/4	electrogalvanized	●	●	●	●	6000	18,8
	HH10501260	70	3 1/8	electrogalvanized	●	●	●	●	6000	20,0
3,1 0.12	HH10500314	70	3 1/2	electrogalvanized	●	●	●	●	4800	20,2
	HH10501251	80	2 3/8	electrogalvanized		●	●	●	3600	16,6
	HH10501254	90	2 9/16	electrogalvanized		●	●	●	3600	18,4

THREADED NAILS

COIL FORMAT

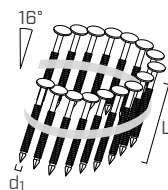


d ₁ [mm] [in]	CODE	L		coating	compatible machine				pcs	weight [kg]
		[mm]	[in]		HH3515	HH3539	HH12100710	SKATER + 12200127		
2,3 0.09	HH10501722	55	2 3/16	ungalvanised	●	●	●		10020	17,4
2,5 0.10	HH10500977	50	1 15/16	ungalvanised	●	●	●	●	9000	18,0
	HH10500954	55	2 3/16	ungalvanised	●	●	●	●	9000	19,8
	HH10501146	65	2 9/16	ungalvanised	●	●	●	●	7200	18,8
	HH10500321	70	2 3/4	ungalvanised	●	●	●	●	7200	19,9
2,8 0.11	HH10500957	65	2 9/16	ungalvanised	●	●	●	●	6000	19,2
	HH10501159	70	2 3/4	ungalvanised	●	●	●	●	6000	20,0
	HH10501261	75	2 15/16	ungalvanised		●	●	●	4500	16,8
	HH10500188	80	3 1/8	ungalvanised		●	●	●	4500	17,1
	HH10500962	90	3 1/2	ungalvanised		●	●	●	4500	21,2
3,1 0.12	HH10500189	80	3 1/8	ungalvanised		●	●	●	3600	17,6
	HH10500202	90	3 1/2	ungalvanised		●	●	●	3600	18,8

D16° WIRE-COLLATED COIL NAILS

RING-SHANK NAILS

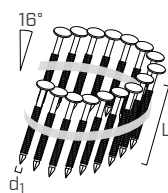
UNGALVANISED



d ₁ [mm] [in]	CODE	L		coating	compatible machine				pcs	weight [kg]
		[mm]	[in]		HH3515	HH3539	HH12100710	SKATER + 12200127		
2,3 0.09	HH10501717	40	1 9/16	ungalvanised	●				12020	16,3
	HH10501718	45	1 3/4	ungalvanised	●				12020	17,2
	HH10501719	50	1 15/16	ungalvanised	●				10020	15,9
	HH10501720	55	2 3/16	ungalvanised	●				10020	17,4
2,5 0.10	HH10500868	40	1 9/16	ungalvanised	●	●			10800	18,5
	HH10501724	42	1 5/8	ungalvanised	●	●			10800	17,8
	HH10500434	45	1 3/4	ungalvanised	●	●			10800	19,1
	HH10500435	50	1 15/16	ungalvanised	●	●	●	●	9000	17,6
	HH10500436	55	2 3/16	ungalvanised	●	●	●	●	9000	18,4
	HH10500487	57	2 1/4	ungalvanised	●	●	●	●	7200	16,1
	HH10500437	60	2 3/8	ungalvanised	●	●	●	●	7200	17,1
	HH10500146	65	2 9/16	ungalvanised	●	●	●	●	7200	17,4
	HH10500160	70	2 3/4	ungalvanised	●	●	●	●	7200	19,9
2,8 0.11	HH10500240	42	1 5/8	ungalvanised	●	●	●	●	9000	19,2
	HH10500126	60	2 3/8	ungalvanised	●	●	●	●	6000	18,0
	HH10501258	65	2 9/16	ungalvanised	●	●	●	●	6000	18,8
	HH10500161	70	2 3/4	ungalvanised	●	●	●	●	6000	20,0
	HH10500176	75	2 15/16	ungalvanised		●	●	●	4500	16,8
	HH10500186	80	3 1/8	ungalvanised		●	●	●	4500	17,1
	HH10501183	90	3 1/2	ungalvanised		●	●	●	4500	19,6
3,1 0.12	HH10501248	70	2 3/4	ungalvanised	●	●	●	●	4800	19,4
	HH10501511	80	3 1/8	ungalvanised		●	●	●	3600	17,6
	HH10500201	90	3 1/2	ungalvanised		●	●	●	3600	18,8

A4 RING NAILS

WITH ROUND HEAD

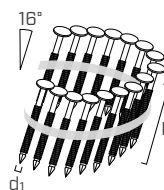


d ₁ [mm] [in]	CODE	L		coating	compatible machine				pcs	weight [kg]
		[mm]	[in]		HH3515	HH3539	HH12100710	SKATER + 12200127		
2,5 0.10	HH10501490 ^(*)	55	2 3/16	stainless A4 (AISI 316)	●	●	●	●	9000	19,4
	HH10501494 ^(*)	65	2 9/16	stainless A4 (AISI 316)	●	●	●	●	7200	18,5
2,8 0.11	HH10501546	65	2 9/16	stainless A4 (AISI 316)	●	●	●	●	6000	18,8
	HH10501496	70	2 3/4	stainless A4 (AISI 316)	●	●	●	●	6000	20,0
	HH10501814 ^(*)	80	3 1/8	stainless A4 (AISI 316)		●	●	●	4500	17,1
3,1 0.12	HH10501533	90	3 1/2	stainless A4 (AISI 316)		●	●	●	3600	18,9

^(*) Without CE.

RING-SHANK NAILS

ELECTROGALVANIZED



d ₁ [mm] [in]	CODE	L		coating	compatible machine				pcs	weight [kg]
		[mm]	[in]		HH3515	HH3539	HH12100710	SKATER + 12200127		
2,3 0,09	HH30002350 ^(*)	50	1 15/16	electrogalvanized	●				9000	15,3
	HH30002360 ^(*)	60	2 3/8	electrogalvanized	●				7200	14,6
2,5 0,10	HH10500457	45	1 3/4	electrogalvanized	●	●			10800	19,1
	HH10500458	50	1 15/16	electrogalvanized	●	●	●	●	9000	16,8
	HH10500459	55	2 3/16	electrogalvanized	●	●	●	●	9000	18,4
	HH10500460	60	2 3/8	electrogalvanized	●	●	●	●	7200	16,1
	HH30002865 ⁽¹⁾	65	2 9/16	electrogalvanized	●	●	●	●	7200	18,8
	HH30002869 ^(*)	70	2 9/16	electrogalvanized	●	●	●	●	7200	20,3
2,8 0,11	HH10500138	65	2 3/4	electrogalvanized	●	●	●	●	6000	18,8
	HH10500155	70	2 9/16	electrogalvanized	●	●	●	●	6000	20,0
	HH10501162	75	2 3/4	electrogalvanized		●	●	●	4500	16,8
	HH30003180	80	2 15/16	electrogalvanized		●	●	●	4500	18,0
	HH30002891	90	3 1/8	electrogalvanized		●	●	●	4500	20,2
3,1 0,12	HH10501252	80	3 1/8	electrogalvanized		●	●	●	3600	16,6
	HH10501255	90	3 1/2	electrogalvanized		●	●	●	3600	18,4

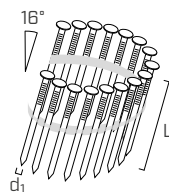
(*) Without CE.

(1) Without CE. Alternative CE-certified product: HH10501271

COIL NAILS, PLASTIC STRIP COLLATION K16°

SMOOTH-SHANK NAILS

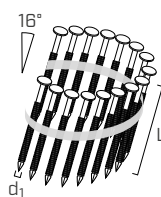
COIL FORMAT



d ₁ [mm] [in]	CODE	L		coating	compatible machines		pcs	weight [kg]
		[mm]	[in]		HH12100710	SKATER + 12200127		
2,5 0.10	HH10502349	50	1 15/16	ungalvanised	●	●	8100	18,2
	HH10502351	55	2 3/16	ungalvanised	●	●	6480	15,8
	HH10502353	60	2 3/8	ungalvanised	●	●	6480	16,8
	HH10502355	65	2 9/16	ungalvanised	●	●	6480	16,8
	HH10502357	70	2 3/4	ungalvanised	●	●	6480	19,1
2,8 0.11	HH10502359	60	2 3/8	ungalvanised	●	●	6120	19,6
	HH10502361	65	2 9/16	ungalvanised	●	●	4590	16,4
	HH10502367	70	2 3/4	ungalvanised	●	●	4590	17,3
	HH10502375	80	3 1/8	ungalvanised	●	●	4590	19,2
3,1 0.12	HH10502383	70	2 3/4	ungalvanised	●	●	4590	19,6
	HH10502385	80	3 1/8	ungalvanised	●	●	4590	23,2
	HH10502389	90	3 1/2	ungalvanised	●	●	3060	19,6
2,8 0.11	HH10502363	65	2 9/16	electrogalvanized	●	●	4590	16,4
	HH10502368	70	2 3/4	electrogalvanized	●	●	4590	17,3
	HH10502377	80	3 1/8	electrogalvanized	●	●	4590	19,2
3,1 0.12	HH10502384	70	2 3/4	electrogalvanized	●	●	4590	19,6
	HH10502387	80	3 1/8	electrogalvanized	●	●	4590	23,2
	HH10502392	90	3 1/2	electrogalvanized	●	●	3060	19,6

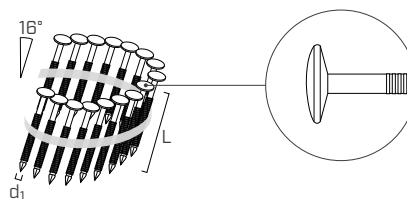
RING-SHANK NAILS

COIL FORMAT



d ₁ [mm] [in]	CODE	L		coating	compatible machines		pcs	weight [kg]
		[mm]	[in]		HH12100710	SKATER + 12200127		
2,5 0.10	HH10502354	60	2 3/8	ungalvanised	●	●	8000	19,5
	HH10502356	65	2 9/16	ungalvanised	●	●	6000	20,0
2,8 0.11	HH10502362	65	2 9/16	ungalvanised	●	●	6000	22,5
	HH10502373	75	2 15/16	ungalvanised	●	●	4000	19,7
	HH10502376	80	3 1/8	ungalvanised	●	●	3200	17,1
3,1 0.12	HH10502386	80	3 1/8	ungalvanised	●	●	8000	24,6
	HH10502390	90	3 1/2	ungalvanised	●	●	6000	20,8
2,8 0.11	HH10502360	60	2 3/8	electrogalvanized	●	●	6000	22,5
	HH10502364	65	2 9/16	electrogalvanized	●	●	4000	19,7
	HH10502369	70	2 3/4	electrogalvanized	●	●	3200	17,1
	HH10502374	75	2 15/16	electrogalvanized	●	●	8000	24,6
	HH10502378	80	3 1/8	electrogalvanized	●	●	6000	20,8
3,1 0.12	HH10502388	80	3 1/8	electrogalvanized	●	●	8000	24,6
	HH10502393	90	3 1/2	electrogalvanized	●	●	4590	17,3

A4 RING NAILS WITH ROUND HEAD

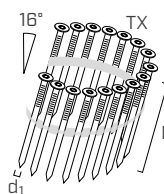


A4
AISI 316

d ₁ [mm] [in]	CODE	L		coating	compatible machines		pcs	weight [kg]
		[mm]	[in]		HH12100710	SKATER + 12200127		
2,8 0.11	HH10502358 ^(*)	50	1 15/16	stainless A4 (AISI 316)	●	●	6000	22,5
	HH10502366	65	2 3/16	stainless A4 (AISI 316)	●	●	4000	19,7
	HH10502380	80	3 1/8	stainless A4 (AISI 316)	●	●	3200	17,1

(*) Without CE.

THREADED NAILS COIL FORMAT



A2
AISI 304

d ₁ [mm] [in]	CODE	L		bit	coating	compatible machines		pcs	weight [kg]
		[mm]	[in]			HH12100710	SKATER + 12200127		
2,8 0.11	HH10502453	50	1 15/16	TX15	stainless A2 (AISI 304)	●	●	7650	20,0
	HH10502455	65	2 3/16	TX15	stainless A2 (AISI 304)	●	●	4590	16,4
	HH10502456	80	3 1/8	TX15	stainless A2 (AISI 304)	●	●	4590	18,8

WIRE OR PLASTIC COLLATION

The most common collation methods are wire and plastic – systems designed to ensure a continuous feed in nailguns. The nails are joined together by a thin wire or plastic strip, applied and secured during production. Comparison of features:



WIRE COLLATION



- More economical and suitable for large-scale production
- High mechanical strength for heavy-duty applications
- Non-biodegradable: the wire stays in the timber
- Possible metal splinters during use
- If the coil is deformed, it cannot be reused



PLASTIC STRIP COLLATION



- More expensive and with longer production times
- Rust-resistant: nails remain isolated
- Retains shape if dropped, reusable
- No metal fragments: increased safety
- Better machine feed, fewer jams

KMR 3555

STRIP MAGAZINE NAILGUN

- Nail length: **50 - 100 mm | 2" - 4"**
- Ø nail: **2,8 - 3,8 mm | 0.11 - 0.15 inch**
- Weight: **3,6 kg | 7.9 lbs**
- Air consumption per cycle: **3.1 litres**

CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH3555	K20°	single / contact	1



KMR 1697

STRIP MAGAZINE NAILGUN

- Nail length: **90 - 130 mm | 3 1/2" - 5 1/8"**
- Ø nail: **3,8 - 4,2 mm | 0.15 - 0.17 inch**
- Weight: **6,52 kg | 14.4 lbs**
- Air consumption per cycle: **3.3 litres**

CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH12100697	K20°	single	1

The supply includes: carry case.



KMR 1698

STRIP MAGAZINE NAILGUN

- Nail length: **100 - 160 mm | 4" - 6 1/4"**
- Ø nail: **3,8 - 4,6 mm | 0.15 - 0.18 inch**
- Weight: **6,87 kg | 15.1 lbs**
- Air consumption per cycle: **5.0 litres**

CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH12100698	K20°	single	1

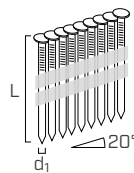
The supply includes: carry case.



STRIP NAILS, PLASTIC STRIP COLLATION K20°

SMOOTH-SHANK NAILS

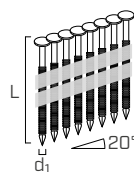
STRIP - K20°



d ₁ [mm] [in]	CODE	L		coating	compatible machines			pcs	weight [kg]
		[mm]	[in]		HH3555	HH12100697	HH12100698		
2,8 0.11	HH10400015	60	2 3/8	ungalvanised	●			3000	9,0
	HH10400020	65	2 9/16	ungalvanised	●			3000	9,8
	HH10400029	70	2 3/4	ungalvanised	●			3000	10,5
3,1 0.12	HH10400030	70	2 3/4	ungalvanised	●			3000	12,8
	HH10400044	80	3 1/8	ungalvanised	●			3000	14,6
	HH10400054	90	3 1/2	ungalvanised	●			3000	16,5
3,4 0.13	HH10401635	100	4	ungalvanised	●			2500	17,4
	HH10400077	100	4	ungalvanised	●	●	●	1500	13,5
3,8 0.15	HH10400060	110	4 3/8	ungalvanised		●	●	1500	14,9
	HH10400062	120	4 3/4	ungalvanised		●	●	1500	16,3
	HH10400067	130	5 1/8	ungalvanised		●	●	1500	17,7
	HH10400063	120	4 3/4	ungalvanised		●	●	1500	20,0
4,2 0.16	HH10400068	130	5 1/8	ungalvanised		●	●	1500	21,6
	HH10400494	145	5 11/16	ungalvanised			●	660	11,6
	HH10400605	150	6	ungalvanised			●	660	10,9
	HH10400402	160	6 1/4	ungalvanised			●	660	11,4
4,6 0.18	HH10400069	145	5 11/16	ungalvanised			●	660	13,5
	HH10400070	160	6 1/4	ungalvanised			●	660	14,1
2,8 0.11	HH10401476	65	2 9/16	electrogalvanised	●			4000	13,4
	HH10401480	80	3 1/8	electrogalvanised	●			4000	16,1
	HH10401483	70	2 3/4	electrogalvanised	●			4000	16,8
3,1 0.12	HH10400041	80	3 1/8	electrogalvanised	●			3000	14,6
	HH10400051	90	3 1/2	electrogalvanised	●			3000	16,5
3,4 0.13	HH10401636	100	4	electrogalvanised	●			2500	17,4
	HH10401683	100	4	electrogalvanised	●	●	●	1500	14,9
3,8 0.15	HH10401620	110	4 3/8	electrogalvanised		●	●	1500	14,9
	HH10400197	120	4 3/4	electrogalvanised		●	●	1500	16,2
	HH10400065	130	5 1/8	electrogalvanised		●	●	1500	17,7
4,2 0.16	HH10401647	130	5 1/8	electrogalvanised		●	●	1500	21,0
4,6 0.18	HH10400006	160	6 1/4	electrogalvanised			●	660	13,5

RING-SHANK NAILS

STRIP - K20°



d ₁ [mm] [in]	CODE	L		coating	compatible machines			pcs	weight [kg]
		[mm]	[in]		HH3555	HH12100697	HH12100698		
2,8 0.11	HH10401519	65	2 9/16	ungalvanised	●			4000	13,2
	HH10401521	70	2 3/4	ungalvanised	●			4000	14,4
	HH10401523	80	3 1/8	ungalvanised	●			4000	15,8
3,1 0.12	HH10401524	70	2 3/4	ungalvanised	●			4000	16,5
	HH10401687	80	3 1/8	ungalvanised	●			3000	14,6
	HH10400412	90	3 1/2	ungalvanised	●			3000	16,4
3,8 0.15	HH10401632	120	4 3/4	ungalvanised		●	●	1500	16,1
	HH10400462	130	5 1/8	ungalvanised		●	●	1500	17,7
4,2 0.16	HH10401130	160	6 1/4	ungalvanised			●	660	11,4
4,6 0.18	HH10401648	160	6 1/4	ungalvanised			●	660	12,2
2,8 0.11	HH10401520	65	2 9/16	electrogalvanised	●			4000	13,2
	HH10400034	75	2 15/16	electrogalvanised	●			3000	11,2
3,1 0.12	HH10400945	70	2 3/4	electrogalvanised	●			4000	16,9
	HH10401888	80	3 1/8	electrogalvanised	●			3000	14,6
	HH10401834	90	3 1/2	electrogalvanised	●			3000	16,0
3,8 0.15	HH10401645	130	5 1/8	electrogalvanised		●	●	1500	17,7

KMR 1699



GAS NAILGUN FOR D-HEAD NAILS

- Nail length: **50 - 90 mm | 2" - 3 1/2"**
- Ø nail: **2,9 - 3,1 mm | 0.11 - 0.12 inch**
- Weight: **3,68 kg | 8.1 lbs**
- Shots per gas cartridge: **1200 nails**
- Shots per battery charge: **8000 nails**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH12100699	P 34°	single	1

The supply includes: carry case, 2 lithium-ion batteries and charger.

KMR 1708



GAS-OPERATED NAILGUN FOR SHEET METAL CONNECTORS

- Nail length: **22 - 35 mm | 7/8" - 1 3/8"**
- Ø nail: **2,5 - 2,8 mm | 0.10 - 0.11 inch**
- Weight: **2,5 kg | 5.5 lbs**
- Shots per gas cartridge: **1200 nails**
- Shots per battery charge: **8000 nails**



CODES AND DIMENSIONS

CODE	taping	trigger	pcs
HH12100708	K20° MINI	single	1

The supply includes: carry case, 2 lithium-ion batteries and charger.

GAS CARTRIDGE

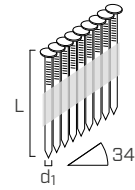


CODE	description	quantity	compatible machines			pcs
		[g/ml]	HH12100708	HH12100699	HH12100700	
HH10900609	gas cartridge	18/30	•			12
HH10900608	gas cartridge	40/80		•	•	12

NAILS FOR GAS NAILGUN

SMOOTH-SHANK NAILS

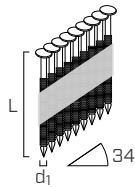
STRIP - D-HEAD - P34° IN K-BOX
WITHOUT GAS CARTRIDGE



d ₁ [mm] [in]	CODE	L		coating	compatible machines HH12100699	pcs	weight [kg]
		[mm]	[in]				
2,9 0.11	HH10401720	50	1 15/16	ungalvanised	●	2200	6,1
	HH10401721	65	2 9/16	ungalvanised	●	2200	7,2
	HH10401722	70	2 3/4	ungalvanised	●	2200	8,6
3,1 0.12	HH10401724	80	3 1/8	ungalvanised	●	2200	10,6
	HH10401725	90	3 1/2	ungalvanised	●	2200	11,7
2,9 0.11	HH10401726	65	2 9/16	electrogalvanized	●	2200	7,2
3,1 0.12	HH10401729	80	3 1/8	electrogalvanized	●	2200	10,7
	HH10401730	90	3 1/2	electrogalvanized	●	2200	11,7

RING-SHANK NAILS

STRIP - D-HEAD - P34° IN K-BOX
WITHOUT GAS CARTRIDGE



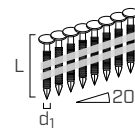
d ₁ [mm] [in]	CODE	L		coating	compatible machines HH12100699	pcs	weight [kg]
		[mm]	[in]				
2,9 0.11	HH10401731	65	2 9/16	ungalvanised	●	2200	7,2
	HH10401732	70	2 3/4	ungalvanised	●	2200	8,6
	HH10401733	76	3	ungalvanised	●	2200	8,8
	HH10401734	80	3 1/8	ungalvanised	●	2200	9,4
3,1 0.12	HH10401735	90	3 1/2	ungalvanised	●	2200	11,7
2,9 0.11	HH10401736	64	2 1/2	electrogalvanized	●	2200	7,2
	HH10401737	70	2 3/4	electrogalvanized	●	2200	8,6
	HH10401738	76	2 15/16	electrogalvanized	●	2200	8,8
	HH10401739	80	3 1/8	electrogalvanized	●	2200	9,4
3,1 0.12	HH10401898	83	3 1/4	electrogalvanized	●	2200	10,8
	HH10401740	90	3 1/2	electrogalvanized	●	2200	11,7
2,8 0.11	HH10401816 ^(*) (1)	50	1 15/16	stainless A2 (AISI 304)	●	2000	5,6
	HH10401817 ⁽¹⁾	65	2 9/16	stainless A2 (AISI 304)	●	1250	4,2
	HH10401818 ⁽¹⁾	80	3 1/8	stainless A2 (AISI 304)	●	1000	4,1

(*) Without CE.

(1) Round head

NAILS FOR SHEET METAL

STRIP - K20° MINI IN K-BOX WITHOUT
GAS CARTRIDGE



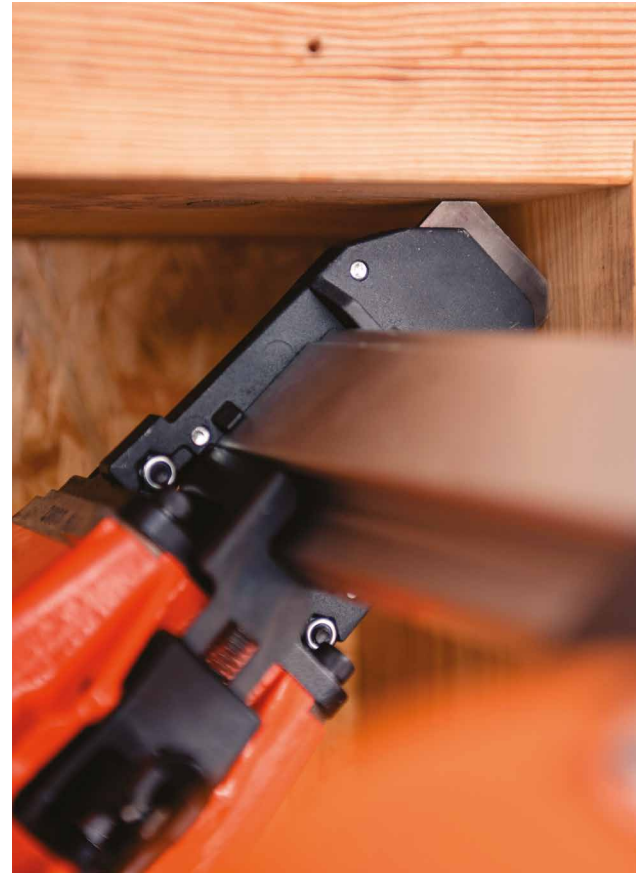
d ₁ [mm] [in]	CODE	L		coating	shank	compatible machines HH12100708	pcs	weight [kg]
		[mm]	[in]					
2,8 0.11	HH10402049	25	1	hot dip galvanising	ring	●	2200	3,2
	HH10402050	31	1 1/4	hot dip galvanising	ring	●	2200	3,9
	HH10402051	25	1	stainless A2 (AISI 304)	ring	●	2200	2,7
	HH10402052	31	1 1/4	stainless A2 (AISI 304)	ring	●	2200	3,2

KMR 1039



CORRUGATED FASTENER NAILGUN

- Connector length: **25 - 35 mm | 1" - 1 3/8"**
- Weight: **4,0 kg | 8.8 lbs**
- Air consumption per cycle: **2.6 litres**

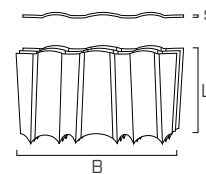


CODES AND DIMENSIONS

CODE	trigger	pcs
HH12100735	single	1

CORRUGATED FASTENERS

INCLINATION 0°



CODES AND DIMENSIONS

CODE	L	B	s	L	B	s	coating	compatible machines	pcs	weight	
	[mm]	[mm]	[mm]	[in]	[in]	[in]				[kg]	[lbs]
HH10800039	25	35	3	1	1 3/8	0.12	ungalvanised	● HH12100735	1920	7,5	16.5



MATERIAL

The special corrugated shape provides high strength while minimising 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.

KMR 1063

STAPLER FOR STAPLES K (KMR) & 380 (BEA)

- Staple Length: **6 - 16 mm** | 1/4" - 5/8"
- Weight: **1,0 kg** | 2.2 lbs
- Air consumption per cycle: **0.3 litres**

CODES AND DIMENSIONS

CODE	trigger	pcs
HH12000063	contact	1



CE UK CA EAC

KMR 3481

STAPLER FOR STAPLES C (KMR) & 90 (BEA)

- Staple Length: **12 - 40 mm** | 1/2" - 1 9/16"
- Weight: **1,2 kg** | 2.6 lbs
- Air consumption per cycle: **0.75 litres**

CODES AND DIMENSIONS

CODE	trigger	pcs
HH3481	contact	1

The supply includes: plastic carry case.



CE UK CA EAC

KMR 3450

STAPLER FOR STAPLES G/KG (KMR)

- Staple length: **25 - 50 mm** | 1" - 2"
- Weight: **2,2 kg** | 4.8 lbs
- Air consumption per cycle: **2.7 litres**

CODES AND DIMENSIONS

CODE	trigger	pcs
HH3450	contact	1

The supply includes: carry case.



CE UK CA EAC

KMR 3727

STAPLER FOR STAPLES Q/KG [KMR] & 180 [BEA]

- Staple length: **32 - 65 mm** | *1 1/4" - 2 9/16"*
- Weight: **2,5 kg** | *5.5 lbs*
- Air consumption per cycle: **2.04 litres**

CODES AND DIMENSIONS

CODE	trigger	pcs
HH3727	contact	1



KMR 3474

STAPLER FOR STAPLES BS [KMR] & 246 [BEA]

- Staple length: **65 - 130 mm** | *2 9/16" - 5 1/8"*
- Weight: **5,9 kg** | *13.0 lbs*
- Air consumption per cycle: **2.9 litres**

CODES AND DIMENSIONS

CODE	trigger	pcs
HH3474	single	1



TJ 1689

STAPLER FOR STAPLES BS [KMR] & 246 [BEA]

- Staple length: **65 - 160 mm** | *2 9/16" - 6 1/4"*
- Weight: **6,3 kg** | *13.9 lbs*
- Air consumption per cycle: **4.4 litres**

CODES AND DIMENSIONS

CODE	trigger	pcs
TJ100689	single	1



KMR 3455

AUTOMATIC STAPLER FOR KG STAPLES (KMR)



- Air consumption per cycle: **2.0 litres**



CODES AND DIMENSIONS

CODE	staple type (KMR)	staple type (BeA)	staples length		trigger	weight		pcs
			[mm]	[in]		[kg]	[lbs]	
HH3455	KG	-	25 - 50	1 - 2	automatic	2,3	5.1	1

KMR 3454

AUTOMATIC STAPLER FOR KG STAPLES



- Air consumption per cycle: **2.9 litres**



CODES AND DIMENSIONS

CODE	staple type (KMR)	staple type (BeA)	staples length		trigger	weight		pcs
			[mm]	[in]		[kg]	[lbs]	
HH3454	KG	-	40 - 65	1 9/16 - 2 9/16	automatic	2,7	5.9	1

KMR 3489

COMBI NAILGUN FOR C (DMR) & 90 (BEA) STAPLES AND 18GA (KMR) & SK300 (BEA) MINI BRADS



- Air consumption per cycle: **0.85 litres**



CODES AND DIMENSIONS

CODE	connectors type (KMR)	connectors type (BeA)	connector length		trigger	weight		pcs
			[mm]	[in]		[kg]	[lbs]	
HH3489	C	90	12 - 41	1/2 - 1 5/8	contact/single	1,2	2.6	1
	Mini-Brads 18GA	SK 300	16 - 50	5/8 - 1 15/16				

KMR 3718

COMBI NAILGUN FOR KG & G (KMR) STAPLES AND T-NAILS



- Air consumption per cycle: **0.5 litres**



CODES AND DIMENSIONS

CODE	connectors type (KMR)	connectors type (BeA)	connector length		trigger	weight		pcs
			[mm]	[in]		[kg]	[lbs]	
HH3718	KG	-	30 - 65	1 3/16 - 2 9/16	contact/single	3,0	6.6	1
	G		32 - 65	1 1/4 - 2 9/16				
	T-Nägel		32 - 65	1 1/4 - 2 9/16				

SKATER-SYSTEM



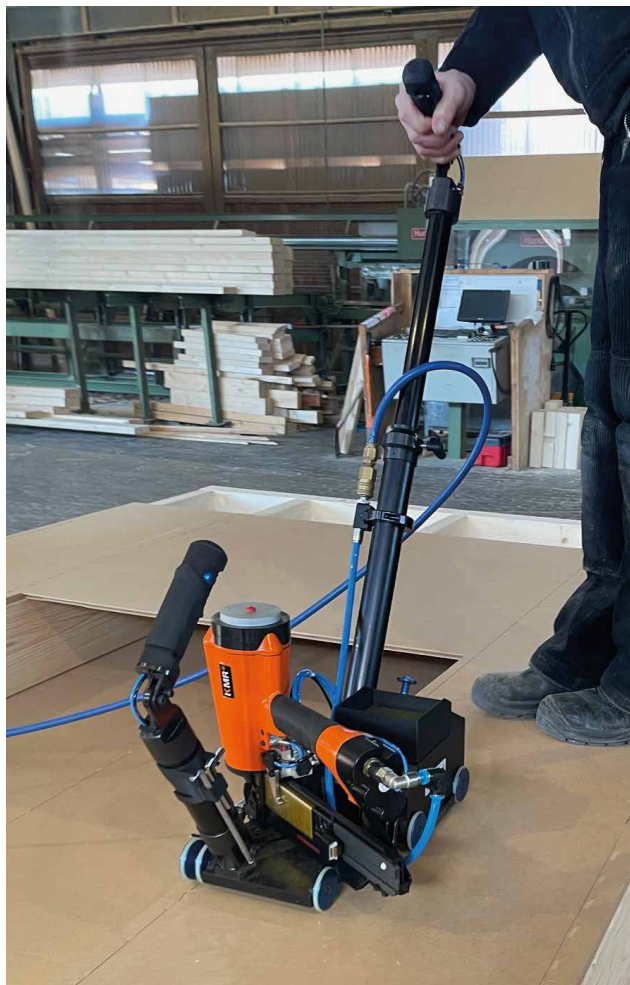
AUTOMATED SYSTEM FOR STAPLER AND NAILGUN

HIGH FASTENING PERFORMANCE

The pre-set spacing ensures perfect fastening quality. Various features improve ergonomic and comfort, including an extended grip allowing the SKATER to be used while standing.

ADAPTABILITY

Four types of devices allow the use of connectors in different shapes and lengths, catering to a wide range of fastening needs.

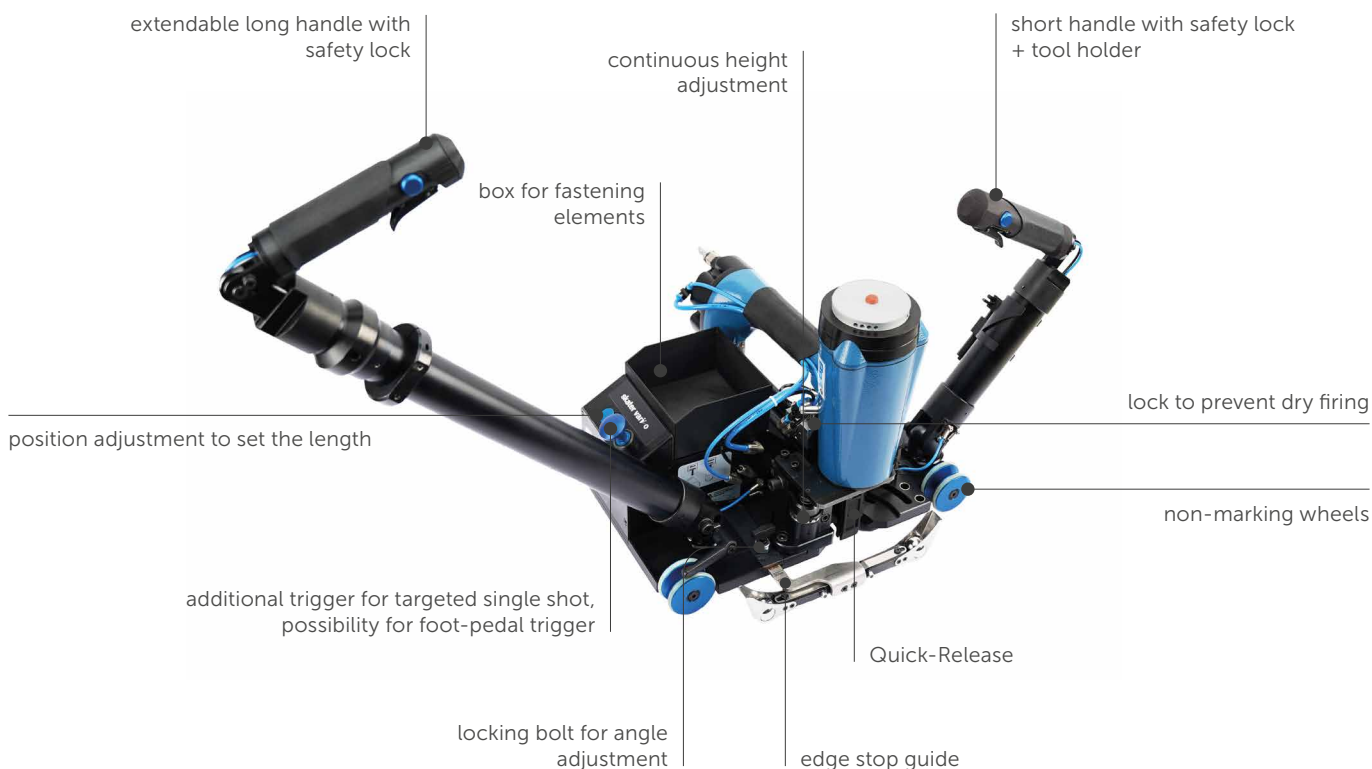


CODES AND DIMENSIONS

CODE	description	adjustable trigger distance	weight	pcs
		[mm] [in]	[kg] [lbs]	
HH12200121	SKATER base for long spacing	40; 50; 66,7; 100; 200 1 9/16; 1 15/16; 2 5/8; 4; 8	8,9 19,6	1
HH12200122	SKATER base for short spacing	30; 45; 60; 90; 180 1 3/16; 1 3/4; 2 3/8; 3 1/2; 7 1/8	8,9 19,6	1

Scope of supply: SKATER bases and short handle.
Stapler/nailgun not included. Other optional accessories.

CHARACTERISTICS



COMPATIBLE DEVICES



1



2



3



4

CODE	description	connectors	length		magazine capacity	pcs
			[mm]	[in]		
1 HH12200125	180/65-835C	BeA: 180 KMR: Q	40 - 65	1 9/16 - 2 9/16	132 staples	1
2 HH12200126	KG700/65-3477	KMR: KG	45 - 65	1 3/4 - 2 9/16	140 staples	1
3 HH12200127	AC90-942C	BDC TC K	50 - 90 Ø 2,5 - 3,4	2 - 3 1/2 Ø 0.10 - 0.13	1 coil of nails	1
4 HH12200128	246/130-964	BeA: 246 KMR: BS	65 - 130	2 9/16 - 5 1/8	125 staples	1

The devices listed in the table are only compatible with the SKATER system, without which they do not work.
The stapler/nailgun must be ordered separately.

COMPLEMENTARY PRODUCTS - ACCESSORIES



1



2



3



4



5



6



7

CODE	description	pcs
1 HH12200131	extendable long handle ^(*)	1
2 HH12200132	short handle	1
3 HH12200133	edge stop guide	1
4 HH12200134	Festool guide rail set	1
5 HH12200135	Mafell guide rail set	1
6 HH12200136	height-adjustable air connection for long grip, usable only with the long handle (HH12200131)	1
7 HH12200137	roller set: 5 rollers including sleeves and screws	1

^(*) Continuously adjustable length: 588 mm - 952 mm. The air connection (HH12200136) is not included in the base product and must be purchased separately.

STAPLES

CHISEL TIP

CERTIFICATIONS

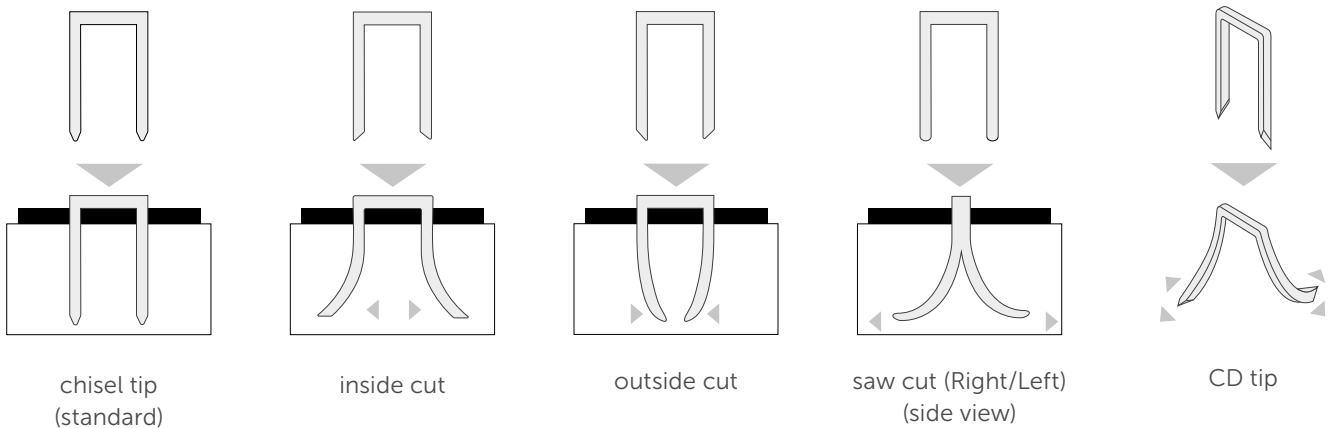


They can be used in structural timber constructions to connect various elements together and for load-bearing connections between timber-based panels.



These staples are suitable for securing plasterboard panels.

STAPLE TIPS

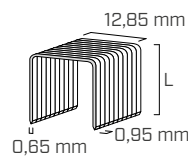


On request, certain staple types can also be supplied with a tip other than the chisel tip.

STAPLES K

CHISEL TIP

- Staple type (BeA): **380**



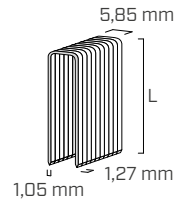
Zn
ELECTRO
PLATED

CODE	L		coating	compatible machine	pcs	weight
	[mm]	[in]				
HH10000731	6	1/4	electrogalvanized	●	24000	2,3
HH10000736	8	5/16	electrogalvanized	●	21000	2,4
HH10000741	10	3/8	electrogalvanized	●	18000	2,3
HH10000750	12	1/2	electrogalvanized	●	15000	2,2
HH10000754	14	9/16	electrogalvanized	●	15000	2,5
HH10000758	16	5/8	electrogalvanized	●	12000	2,3

STAPLES C

CHISEL TIP

- Staple type (BeA): **90**

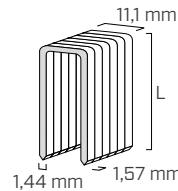


CODE	L		coating	surface	compatible machine		pcs	weight [kg]
	[mm]	[in]			HH3481	HH3489		
HH10004105	9	3/8	electrogalvanized	resin-coated	●	●	9800	1,6
HH10002642	12	1/2	electrogalvanized	resin-coated	●	●	7000	1,6
HH10002643	16	5/8	electrogalvanized	resin-coated	●	●	6000	1,7
HH10002644	19	3/4	electrogalvanized	resin-coated	●	●	5000	1,7
HH10002946	22	7/8	electrogalvanized	resin-coated	●	●	4000	1,5
HH10002646	25	1	electrogalvanized	resin-coated	●	●	3000	1,4
HH10003179	28	1 1/8	electrogalvanized	resin-coated	●	●	3000	1,5
HH10002648	29	1 1/8	electrogalvanized	resin-coated	●	●	3000	1,6
HH10002649	32	1 1/4	electrogalvanized	resin-coated	●	●	3000	1,7
HH10002650	35	1 3/8	electrogalvanized	resin-coated	●	●	2000	1,3
HH10002651	38	1 1/2	electrogalvanized	resin-coated	●	●	2000	1,4
HH10002652	41	1 5/8	electrogalvanized	resin-coated	●	●	2000	1,4

STAPLES KG

CHISEL/CD TIP

- Surface: **resin-coated**



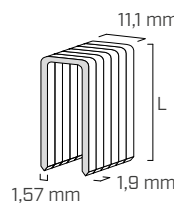
CODE	L		coating	surface	compatible machine					pcs	weight [kg]	
	[mm]	[in]			HH3450	HH3455	HH3454	HH3727	HH3718			SKATER + HH12200126
HH10005561	30	1 3/16	electrogalvanized	●	●				●		9800	1,6
HH10005562	35	1 3/8	electrogalvanized	●	●		●	●			7000	1,6
HH10005563	40	1 9/16	electrogalvanized	●	●	●	●	●			6000	1,7
HH10005564	45	1 3/4	electrogalvanized	●	●	●	●	●	●		5000	1,7
HH10005565	50	1 15/16	electrogalvanized	●	●	●	●	●	●	●	4000	1,5
HH10005566	55	2 3/16	electrogalvanized			●	●	●	●	●	3000	1,4
HH10005567	65	2 9/16	electrogalvanized			●	●	●	●	●	3000	1,5
HH10005700	40	1 9/16	stainless A2 (AISI 304)	●	●	●	●	●			5000	6,5
HH10005701	45	1 3/4	stainless A2 (AISI 304)	●	●	●	●	●	●		5000	7,3
HH10005702	50	1 15/16	stainless A2 (AISI 304)	●	●	●	●	●	●		5000	8,0
HH10005699 ⁽¹⁾	25	1	electrogalvanized	●	●						6300	5,5

⁽¹⁾ With CD tip, particularly suitable for double-layered fibre cement panels.

STAPLES Q

CHISEL TIP

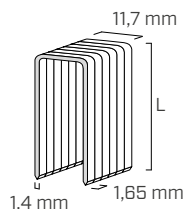
- Staple type (BeA): **180**



CODE	L		coating	surface	compatible machine		pcs	weight [kg]
	[mm]	[in]			HH3727	SKATER + HH12200125		
HH10005874	45	1 3/4	electrogalvanized	resin-coated	●	●	4320	8,9
HH10005875	50	1 15/16	electrogalvanized	resin-coated	●	●	4320	9,4
HH10005876	55	2 3/16	electrogalvanized	resin-coated	●	●	4320	10,2
HH10005877	63	2 1/2	electrogalvanized	resin-coated	●	●	4320	11,6
HH10005213	50	1 15/16	stainless A2 (AISI 304)	resin-coated	●	●	10000	23,3
HH10005216	63	2 1/2	stainless A2 (AISI 304)	resin-coated	●	●	10000	29,1

STAPLES G

CHISEL TIP



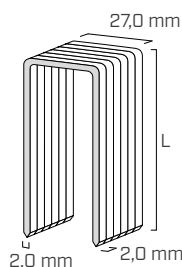
CODE	L		coating	surface	compatible machine			pcs	weight [kg]
	[mm]	[in]			HH3450	HH3718			
HH10005185 ^(*)	25	1	electrogalvanized	resin-coated	●			5000	4,2
HH10005187 ^(*)	29	1 1/8	electrogalvanized	resin-coated	●			5000	4,7
HH10005190	32	1 1/4	electrogalvanized	resin-coated	●		●	5000	5,2
HH10005193	35	1 3/8	electrogalvanized	resin-coated	●		●	5000	5,5
HH10005197	38	1 1/2	electrogalvanized	resin-coated	●		●	5000	6,1
HH20006020	41	1 5/8	electrogalvanized	resin-coated	●		●	5000	6,8
HH20006025	45	1 3/4	electrogalvanized	resin-coated	●		●	5000	7,2
HH20006030	50	1 15/16	electrogalvanized	resin-coated	●		●	5000	8,1
HH10005209	57	2 1/4	electrogalvanized	resin-coated			●	5000	9,3
HH10005211	64	2 1/2	electrogalvanized	resin-coated			●	5000	9,9
HH10005204	45	1 3/4	stainless A2 (AISI 304)	resin-coated	●		●	5000	7,1
HH10005206	50	1 15/16	stainless A2 (AISI 304)	resin-coated	●		●	5000	8,0
HH10005210	64	2 1/2	stainless A2 (AISI 304)	resin-coated			●	5000	10,2

^(*) Not CE-certified.

STAPLES BS

CHISEL TIP

- Staple type (BeA): **246**



CODE	L		coating	surface	compatible machine			pcs	weight [kg]
	[mm]	[in]			HH3474	TJ100689	SKATER + 12200128		
HH20005278	75	2 15/16	electrogalvanized	resin-coated	●	●	●	2160	12,5
HH10005296	90	3 1/2	electrogalvanized	resin-coated	●	●	●	1920	10,0
HH10005551	100	4	electrogalvanized	resin-coated	●	●	●	2860	16,9
HH10005295 ^(*)	110	4 3/8	electrogalvanized	resin-coated	●	●	●	1600	9,8
HH10005552	130	5 1/8	electrogalvanized	resin-coated	●	●	●	1420	10,2
HH10004885 ^(*)	150	6	electrogalvanized	resin-coated		●		960	8,0
HH10005272	75	2 15/16	stainless A2 (AISI 304)	resin-coated	●	●	●	2860	11,8
HH10005273	100	4	stainless A2 (AISI 304)	resin-coated	●	●	●	2860	16,3
HH10005274	110	4 3/8	stainless A2 (AISI 304)	resin-coated	●	●	●	2850	17,7
HH10005275	120	4 3/4	stainless A2 (AISI 304)	resin-coated	●	●	●	1420	10,3
HH10005276	130	5 1/8	stainless A2 (AISI 304)	resin-coated	●	●	●	1420	10,3
HH10004906 ^(*)	150	6	stainless A2 (AISI 304)	resin-coated		●		960	7,9

^(*) On demand.



More acoustic comfort in your timber house

XYLOFON is the very high performance resilient profile that ensures acoustic comfort in timber structures and houses. Made of a polyurethane compound, it is available in 5 versions, on the basis of the load it has to support. Tested and certified for use as a desolidarisation and mechanical interruption layer between building materials, it reduces the transmission of airborne and structural noise (up to more than 15 dB). Rely on the best performing acoustic profile on the market.



Scan the QR code and discover the technical features of XYLOFON



www.rothoblaas.com



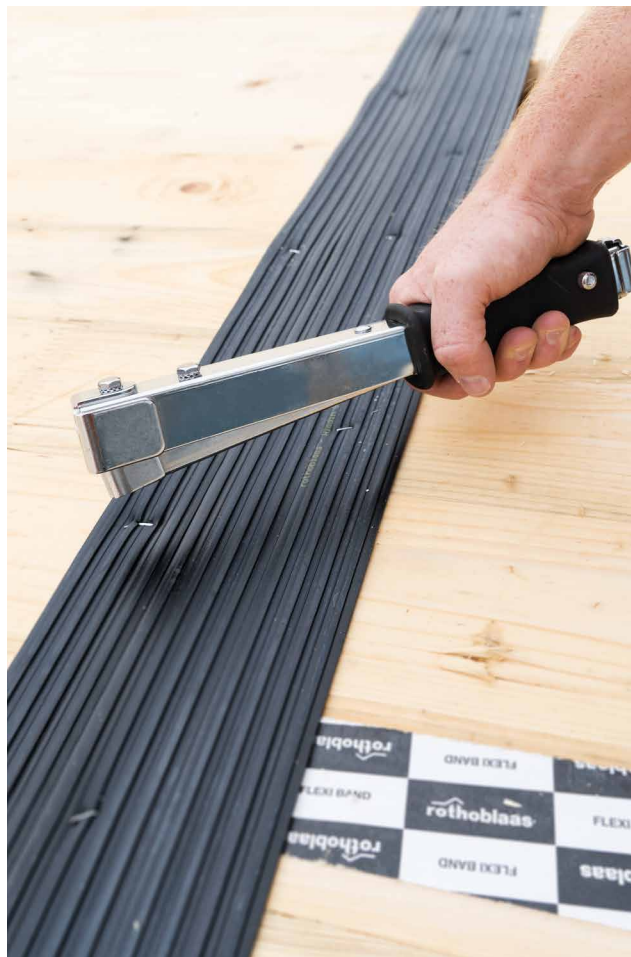
 **rothoblaas**

Solutions for Building Technology

HAMMER STAPLER 47

HAMMER STAPLER

- Staple type (BeA): **A11**
- For staple type (KMR): **L**
- Staple length: **6 - 10 mm | 1/4" - 3/8"**
- Weight: **0,87 kg | 1.9 lbs**



CODES AND DIMENSIONS

CODE	pcs
HH735347	1

HAMMER STAPLER 22

LARGE HAMMER STAPLER

- Staple type (BeA): **A11**
- For staple type (KMR): **L**
- Staple length: **8 - 14 mm | 5/16" - 9/16"**
- Weight: **1,04 kg | 2.3 lbs**



CODES AND DIMENSIONS

CODE	pcs
HH735322	1

HAND STAPLER

MANUAL STAPLER

- Staple type (BeA): **A11**
- For staple type (KMR): **L**
- Staple length: **6 - 14 mm | 1/4" - 9/16"**
- Weight: **0,6 kg | 1.3 lbs**



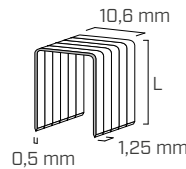
CODES AND DIMENSIONS

CODE	pcs
RTHH14B	1

STAPLES L

CHISEL TIP

- Staple type (BeA): **A11**
- For staple type (KMR): **L**



Zn
ELECTRO
PLATED

CODE	L		coating	compatible machine			pcs	weight [kg]
	[mm]	[in]		HH735347	HH735322	RTHH14B		
HH10004652	6	1/4	electrogalvanized	●		●	5000	0,6
HH10000711	8	5/16	electrogalvanized	●	●	●	5000	0,6
HH10000712	10	3/8	electrogalvanized	●	●	●	5000	0,7
HH10005124	12	1/2	electrogalvanized		●	●	5000	0,7
HH10005125	14	9/16	electrogalvanized		●	●	5000	0,8

KMR 3716

PIN NAILGUN

- Pin type: **Pin**
- Length: **12 - 30 mm | 1/2" - 1 3/16"**
- Pin Ø: **0.65 mm | 0.026 inch**
- Weight: **0,9 kg | 2.0 lbs**
- Air consumption per cycle: **0.4 litres**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3716	single	1

The supply includes: plastic carry case.



KMR 3485

PIN NAILGUN

- Pin type: **Pins**
- Length: **25 - 50 mm | 1" - 2"**
- Weight: **1,2 kg | 2.6 lbs**
- Air consumption per cycle: **0.76 litres**

CODES AND DIMENSIONS

CODE	trigger	pcs
HH3485	single	1



KMR 3483

MINI BRAD NAILGUN

- Brad type: **Mini-Brads 18 GA**
- Length: **15 - 55 mm | 9/16" - 2 3/16"**
- Weight: **1,2 kg | 2.6 lbs**
- Air consumption per cycle: **0.85 litres**



CODES AND DIMENSIONS

CODE	trigger	pcs
HH3483	single / contact	1

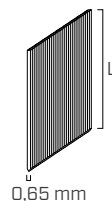
The supply includes: plastic carry case.



PINS AND BRADS

PINS

HEADLESS NAILS

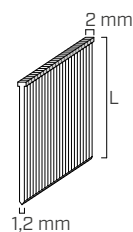


BRONZ

CODE	L		coating	compatible machine		pcs	weight [kg]
	[mm]	[in]		HH3716	HH3485		
HH10100218	12	1/2	bronzed	●		20000	0,6
HH10100219	15	9/16	bronzed	●		20000	0,8
HH10100220	18	11/16	bronzed	●		20000	0,8
HH10100267	20	13/16	bronzed	●		20000	1,0
HH10100222	25	1	bronzed	●	●	10000	0,6
HH10100223	30	1 3/16	bronzed	●	●	10000	1,5
HH10100224	35	1 3/8	bronzed		●	10000	1,1
HH10100225	40	1 9/16	bronzed		●	13000	1,2
HH10100226	50	1 15/16	bronzed		●	13000	1,7

BRADS

MINI BRADS



A4
AISI 316

A2
AISI 304

Zn
ELECTRO
PLATED

- BeA: SK 300

CODE	L		coating	compatible machine		pcs	weight [kg]
	[mm]	[in]		HH3483	HH3489		
HH10300645	25	1	electrogalvanized	●	●	5000	1,1
HH10300646	30	1 3/16	electrogalvanized	●	●	5000	1,3
HH10300717	32	1 1/4	electrogalvanized	●	●	5000	1,5
HH10300648	35	1 3/8	electrogalvanized	●	●	5000	1,6
HH10300649	38	1 1/2	electrogalvanized	●	●	5000	1,7
HH10300650	40	1 9/16	electrogalvanized	●	●	5000	1,8
HH10300651	45	1 3/4	electrogalvanized	●	●	5000	2,0
HH10300652	50	1 15/16	electrogalvanized	●	●	5000	2,2
HH10300730	19	3/4	stainless A4 (AISI 316)	●	●	5000	1,0
HH10300337	30	1 3/16	stainless A4 (AISI 316)	●	●	5000	1,4
HH10300338	35	1 3/8	stainless A4 (AISI 316)	●	●	5000	1,6
HH10300850	50	1 15/16	stainless A2 (AISI 304)	●	●	5000	2,3

LIGNOLOC®

NAILGUN FOR NAILS IN TIMBER

SUSTAINABILITY AND PERFORMANCE

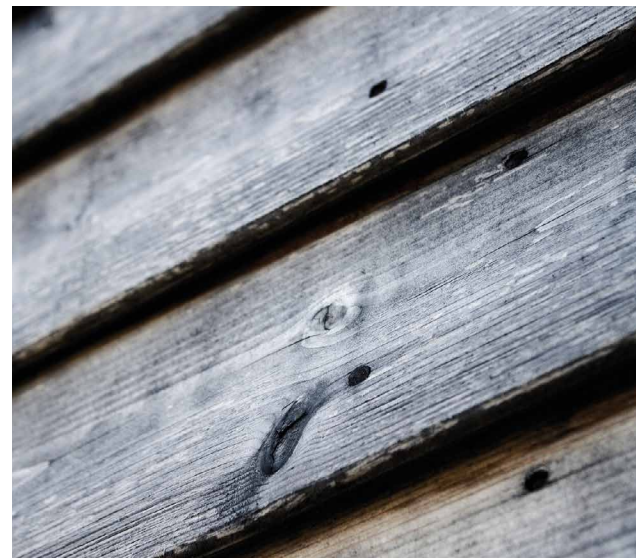
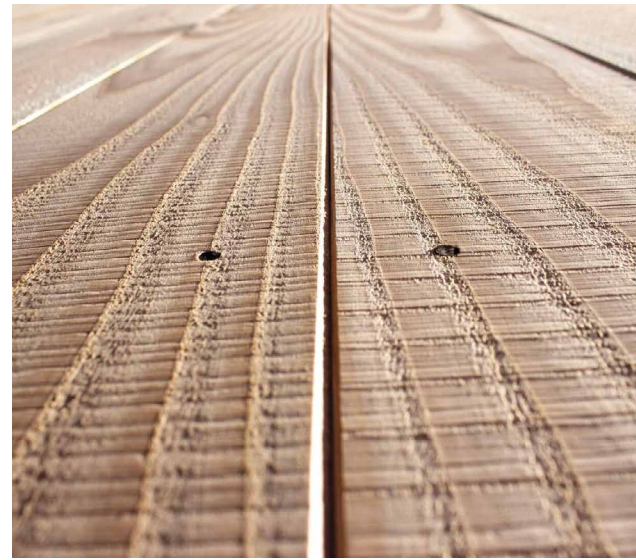
Made from compressed beech wood with patented lignin welding, LIGNOLOC® nails deliver high tensile and shear strength without the use of metal. They offer a reduction in CO₂ emissions by up to 66% compared to conventional nails.

CERTIFIED STRENGTH

LIGNOLOC® nails are ETA-approved in Europe and IAPMO/ASTM-certified in the United States. They are suitable for forming secure joints between timber and timber-based panels, even in structural applications.

SPEED OF USE

The nails are driven using compatible air nailguns, with no need for pre-drilling. This significantly reduces assembly time while ensuring precise installation, ideal for both prefabrication and mass production.



CODES AND DIMENSIONS

CODE	description	taping	trigger	Ø nail [mm] [in]	nails length [mm] [in]	type	weight [kg] [lbs]	pcs
1 BE1184902	F44 SYSTEM F44AC CN15-PS60A LIGNOLOC®	15° coil LIGNOLOC	single	3,7 0.15	38 - 60 1 1/2 - 2 3/8	without head	2,4 5.5	1
2 BE1185101	F60 SYSTEM F60 CN15-PS90-H LIGNOLOC®	15° coil LIGNOLOC	single / contact	4,7/5,3 0.19 / 0.21	58 - 90 2 5/16 - 3 1/2	without head/ with head	3,9 8.6	1

NAILS FOR TIMBER

d ₁ [mm] [in]	CODE	L [mm] [in]	type	compatible machines BE1184902 BE1185101	pcs per coil	pcs	weight [kg]
3,7 0.15	WNAIL3738 (*)	38 1 1/2	without head	●	170	3060	1,87
	WNAIL3750	50 1 15/16	without head	●	170	3060	2,36
	WNAIL3755	55 2 3/16	without head	●	170	3060	2,77
	WNAIL3760	60 2 3/8	without head	●	170	3060	2,86
4,7 0.19	WNAIL4765	65 2 9/16	without head	●	94	3008	4,63
	WNAIL4775	75 2 15/16	without head	●	100	2400	4,29
	WNAIL4789	89 3 1/2	without head	●	100	2400	5,22
4,7 0.19	WNAIL4758H	58 2 5/16	with head	●	100	1000	1,71
	WNAIL4778H	78 3 1/16	with head	●	100	1000	2,08
5,3 0.21	WNAIL5365	65 2 9/16	without head	●	94	3008	5,69
	WNAIL5375	75 2 15/16	without head	●	100	2400	5,40
	WNAIL5390	90 3 1/2	without head	●	100	2400	6,25

(*) Not CE-certified.



POWER TOOLS AND MACHINES

POWER TOOLS AND MACHINES

CORDLESS SCREWDRIVER

A 12.....	194
A 18 ASB 18.....	194

BST.....	195
----------	-----

DUODOWELERS

DDF 40.....	196
DD40 P.....	196

VERTICAL MILLING MACHINES

LO 55.....	197
LO 65 EC.....	197

LS 103 EC.....	198
----------------	-----

SG 230.....	199
-------------	-----

MILLING MACHINES AND SAWS

NFU 50.....	200
P1 PS2-18.....	200
RS 32-18.....	201

BB-1.....	201
-----------	-----

SAWS

KSS 60 KSS 80.....	202
K 65 K 85.....	203
MKS 165 EC.....	204
MKS 185 EC.....	204
Z 5 EC.....	205
ZSX EC.....	206
ZH 320.....	207
ZK 115.....	207

ERIKA.....	208
------------	-----

S 25 S 35.....	209
------------------	-----

TRIOFIT COIL.....	210
-------------------	-----

SCREWS FOR SCREWDRIVERS

HBS COIL.....	212
SCI A2 AISI304.....	212
KKT COLOR.....	213
DWS.....	213

DRILLS

B 13 B.....	214
EHB 16.....	215
P 26 C.....	216
DIA 303.....	218
D 38 RLE.....	220

BS 160 BS 320 B.....	222
------------------------	-----

PATCHILLO.....	223
----------------	-----

PAWA.....	224
-----------	-----

CLAW.....	225
-----------	-----

PLANER.....	226
-------------	-----

HOT GUN.....	227
--------------	-----

BAND SAW AND BLADES FOR SAW

BANDSAW.....	228
BLADES BAND SAW 1.....	229
BLADES BAND SAW 2.....	229
BLADES BAND SAW 3.....	229

COMPRESSORS

COMPRESSOR 24.....	230
COMPRESSOR 50.....	231
COMPRESSED AIR HOSE.....	232
CAT.....	232

PUMP SPRAY.....	233
-----------------	-----

A 12

CORDLESS DRILL DRIVER

- Soft / hard torque: **18/45 Nm | 13 / 33 ft-lbs**
- Nominal minimum 1st gear: **0 - 510 (1/min)**
- Nominal minimum 2° gear: **0 - 1710 (1/min)**
- Nominal tension: **12 V**
- Weight (battery included): **1,0 kg | 2.2 lbs**



CODES AND DIMENSIONS

CODE	description	pcs
MA91D001	A 12 cordless drill driver in T-MAX	1



A 18 | ASB 18

CORDLESS DRILL DRIVER

- Electronic anti-kickback function
- Soft / hard torque: **65/130 Nm | 48 / 96 ft-lbs**
- Nominal minimum 1st gear: **0 - 560 (1/min)**
- Nominal minimum 2° gear: **0 - 1960 (1/min)**
- Nominal tension: **18 V**
- Weight A 18/ASB 18 (battery included): **1,8 kg/1,9 kg | 4.0/4.2 lbs**



A 18



ASB 18

CODES AND DIMENSIONS

CODE	description	pcs
MA91C801	A 18 cordless drill driver in T-MAX	1
MA91C901	ASB 18 percussion drill in T-MAX	1



BST

DRILLING STATION

- Collar diameter $\varnothing 43 \text{ mm}$ | $1 \frac{11}{16}''$
- Bit guide fastening: $8 - 30 \text{ mm}$ | $\frac{5}{16}'' - 1 \frac{3}{16}''$
- Tiltable version, adjustable up to 45° on both sides



MA961210/MA961211



MA961215/MA961216



CODES AND DIMENSIONS

CODE	description	pcs
MA961210	fixed BST 320 drilling station	1
MA961211	fixed BST 460 drilling station	1
MA961215	tiltable BST 460 S drilling station	1
MA961216	tiltable BST 650 S drilling station	1

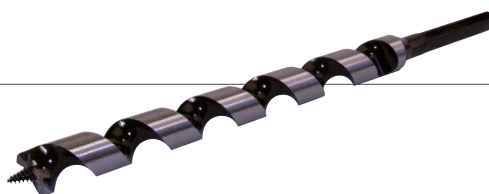
TECHNICAL DATA

properties		BST 320	BST 460	BST 460 S	BST 650 S
Max. tool diameter at 0°	[mm] [in]	130 $5 \frac{1}{8}$	130 $5 \frac{1}{8}$	130 $5 \frac{1}{8}$	130 $5 \frac{1}{8}$
Max. tool diameter at 45°	[mm] [in]	-	-	100 4	100 4
Max. tip length	[mm] [in]	320 $12 \frac{5}{8}$	460 $18 \frac{1}{8}$	460 $18 \frac{1}{8}$	650 $25 \frac{9}{16}$
Max. hole depth	[mm] [in]	160 $6 \frac{1}{4}$	300 $11 \frac{3}{4}$	265 $10 \frac{7}{16}$	455 $17 \frac{15}{16}$
Weight	[kg] [lbs]	4,5 9.9	4,8 10.6	5 11.0	5,4 11.9

LEWIS

TWIST DRILL BITS FOR DEEP DRILLING IN SOFT AND EUROPEAN HARDWOODS

See the product on page 236



DDF 40

DUODOWELER

- Drilling depth: **0 - 40 mm | 0 - 1 9/16"**
- Drilling pitch: **32 mm | 1 1/4"**
- Diameter tools \varnothing min. - max.: **3 - 12,2 mm | 1 1/4"**
- Suction nozzle \varnothing : **29 mm | 1 1/8"**
- Nominal no-load speed: **8000 1/min**
- Input power: **900 W**
- Weight: **2,8 kg | 6.2 lbs**
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

CODE	description	pcs
MA918601	MIDIMAX IN T-MAX	1
MA918602(*)	MAXIMAX IN T-MAX	1

(*) USA/CA version: MA918623 (120V/60Hz).



DD40 P

DUODOWELER

- Drilling depth: **0 - 40 mm | 0 - 1 9/16"**
- Drilling pitch: **32 mm | 1 1/4"**
- Tools diameter \varnothing min. - max.: **5 - 16 mm | 0.197 - 0.63"**
- Suction nozzle \varnothing : **35 mm | 1 3/8"**
- Nominal no-load speed: **13500 1/min**
- Input power: **1000 W**
- Weight: **2,9 kg | 6.4 lbs**
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

CODE	description	pcs
MA916010	POWERMAX IN T-MAX	1



LO 55

VERTICAL MILLING MACHINE

- Grooving depth: **0 - 55 mm | 0 - 2 3/16"**
- Diameter shank tool \varnothing : **8 mm | 0.315"**
- Suction nozzle \varnothing : **29 mm | 1 1/8"**
- Nominal no-load speed: **10000 - 24000 1/min**
- Input power: **1100 W**
- Weight: **3,1 kg | 6.8 lbs**
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

CODE	description	pcs
MA91A901	hand router in MAX3	1



LO 65 EC

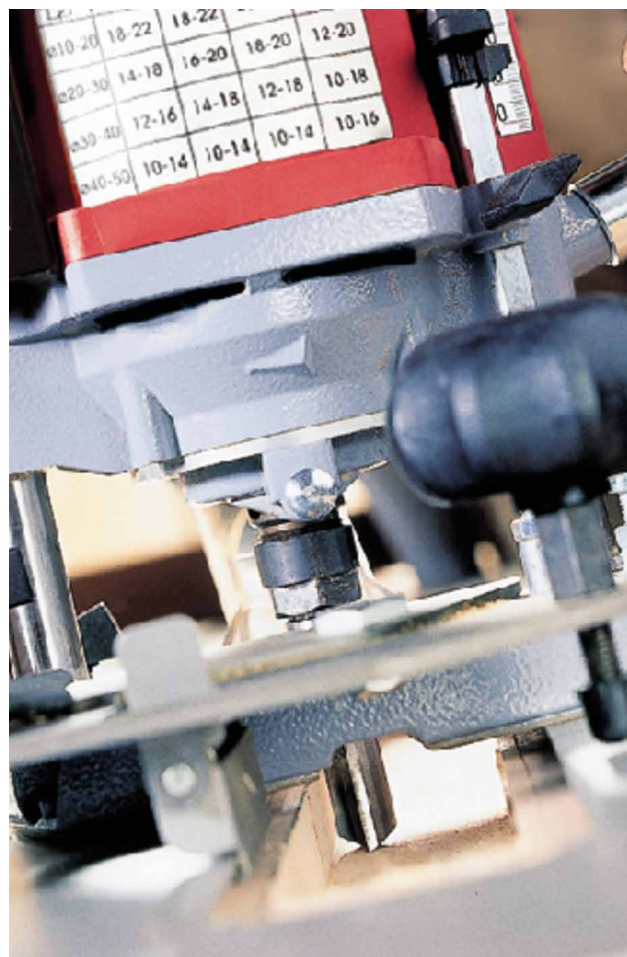
VERTICAL MILLING MACHINE

- Grooving depth: **0 - 65 mm | 0 - 2 9/16"**
- Diameter shank tool \varnothing : **1/2"/6 - 12 mm**
- Nominal no-load speed: **10000 - 22000 1/min**
- Input power: **2600 W**
- Weight: **6,9 kg | 15.2 lbs**
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

CODE	description	pcs
MA91C750	MIDIMAX IN T-MAX	1
MA91C701	MAXIMAX IN T-MAX	1



LS 103 EC

CHAIN MORTISER

- Mortising depth with chain set: **100 mm | 4"**
- Mortising depth with chain set: **150 mm | 6"**
- Nominal no-load speed: **4050 1/min**
- Input power: **2500 W**
- Weight: **8,7 kg | 19.2 lbs**
- Universal motor: **230 V/50 Hz**



1

2

CODES AND DIMENSIONS

CODE	description	pcs
MA924201	mortiser + chain set 28 x 40 x 100 mm 1 1/8" x 1 9/16" x 4"	1
MA924202	mortiser + chain set 28 x 35 x 100 mm 1 1/8" x 1 5/16" x 4"	1
MA924203	mortiser + chain set 28 x 40 x 150 mm 1 1/8" x 1 9/16" x 6"	1
MA924204	mortiser + chain set 28 x 35 x 150 mm 1 1/8" x 1 9/16" x 6"	1
2 MA924221	mortiser without chain set	1

USA/CA version:
MA924222 (120 V/60 Hz).
MA924250 (240 V/60 Hz).



A bond beyond the limit

It is through metal that we make our way into building sites of traditional and hybrid, prefabricable and demountable timber constructions.

The **PLATES AND CONNECTORS FOR TIMBER, CONCRETE AND STEEL** catalogue is now more up-to-date than ever.

Products for all strength ranges, complete calculation tables, and precise solutions for different construction systems.

Download the catalogue and start designing with us



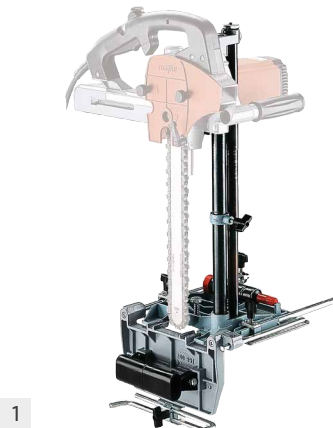
rothoblaas.com



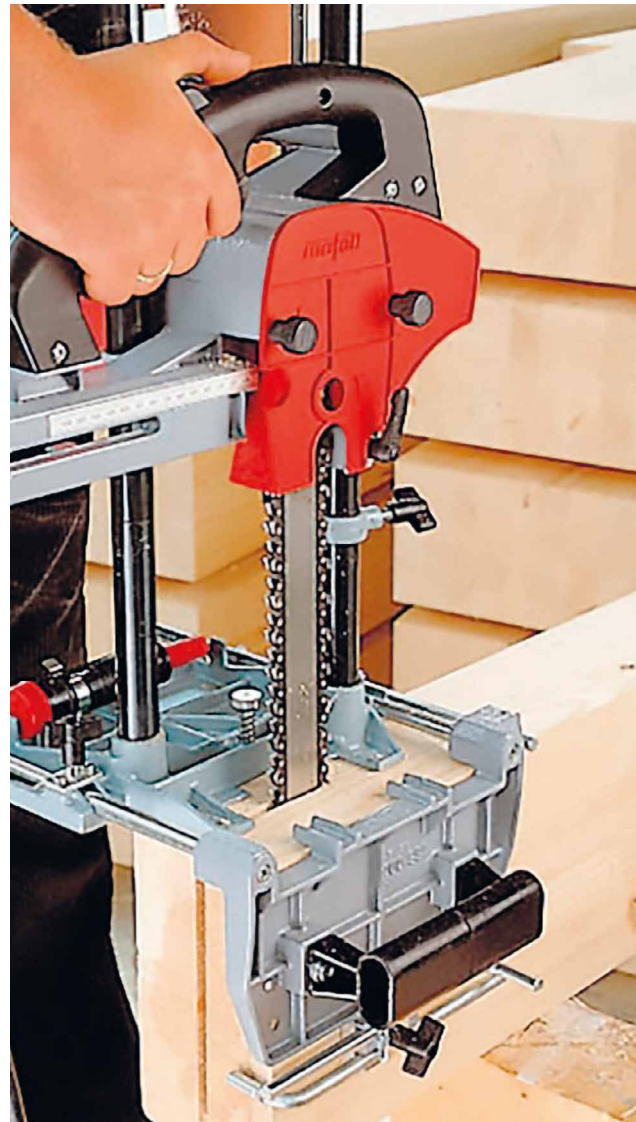
SG 230

DEVICE FOR MILLED CHAIN

- Vertical notch depth: **230 mm | 9 1/16"**
- Horizontal notch depth: **285 mm | 11 1/4"**
- Notch width per pass: **6 - 21 mm | 1/4" - 13/16"**
- Notch length per pass: **50 mm | 2"**
- Weight: **8,7 kg | 19.2 lbs**



1



CODES AND DIMENSIONS

CODE	description	pcs
1 MA200990	SG230 chain slot mortising device without mortiser	1

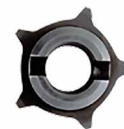
ACCESSORIES FOR ALUMIDI AND ALUMAXI



1



2



3

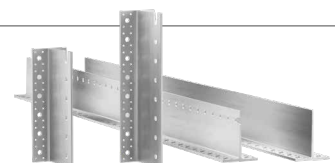
CODE	description		pcs
1 MA091383	chain bar for mortising width 6-7 mm 0.236 - 0.276 in	ALUMIDI	1
2 MA091378	chain for mortising width 7 mm 0.276 in	ALUMIDI	1
3 MA091686	chain pinion for mortising width 6-7 mm 0.236 - 0.276 in	ALUMIDI	1
1 MA091382	chain bar for mortising width 10-11 mm 0.394 - 0.433 in	ALUMAXI	1
2 MA091376	chain for mortising width 11 mm 0.433 in	ALUMAXI	1
3 MA091688	chain pinion for mortising width 10-11 mm 0.394 - 0.433 in	ALUMAXI	1

The LS 103 chain mortiser and relative accessories must be ordered separately.

ALUMIDI
CONCEALED BRACKET
WITH AND WITHOUT
HOLES



ALUMAXI
CONCEALED BRACKET
WITH AND WITHOUT
HOLES



For more information, see the "PLATES AND CONNECTORS FOR TIMBER" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.

NFU 50

GROOVE-CUTTING MACHINE

- Cutting depth at 0° without guide track: **0 - 50 mm | 0 - 2"**
- Cutting depth at 0° with guide track: **0 - 44 mm | 0 - 1 3/4"**
- Slope angle: **0 - 45°**
- Cutting length with L guide device: **370 mm | 14 9/16"**
- Nominal no-load speed: **5900 1/min**
- Input power: **2300 W**
- Weight: **9,4 kg | 20.7 lbs**
- Voltage: **230 V**
- Dimensions with guide device W (W x D x H): **370 x 810 x 280 mm | 14 9/16" x 31 7/8" x 11"**



CODES AND DIMENSIONS

CODE	description	pcs
MA918701	groove-cutting machine	1

USA/CA version: MA918723 (240 V/60 Hz).

P1 | PS2-18

JIG SAW

- Stroke height: **P1 cc: 26 mm | 1 1/32" | PS 2-18: 26 mm | 1 1/32"**
- No-load strokes: **P1 cc: 800 - 3000 1/min | PS 2-18: 750 - 3100 1/min**
- Input power: **P1: 900 W**
- Weight: **P1 cc: 2.5 kg | 5.5 lbs | PS 2-18: 2.8 kg | 6.2 lbs (battery included)**
- Universal motor: **P1 cc: 230 V/50 Hz**
- Voltage: **PS 2-18: 18 V**



MA917103



MA91C101



CODES AND DIMENSIONS

CODE	description	pcs
MA917103(*)	jig saw P1 cc in MaxiMAX in T-MAX	1
MA91C101	cordless jig saw PS 2-18 in MAX3	1

(*) USA/CA version: MA917123 (120 V/60 Hz).

RS 32-18

BAND SAW

- Tension: **18 V**
- Nominal no-load speed: **0 - 3000 1/min**
- Sound pressure level db (A): **90**
- Sound power level (LwA) db (A): **98**
- Weight: **4.8 kg | 10.6 lbs (incl. battery)**



CODES AND DIMENSIONS

CODE	description	pcs
MA91F602	cordless reciprocating saw RS 32-18 PURE in L-MAX3	1

BB-1

EXO-STABILIZER BIONICBACK

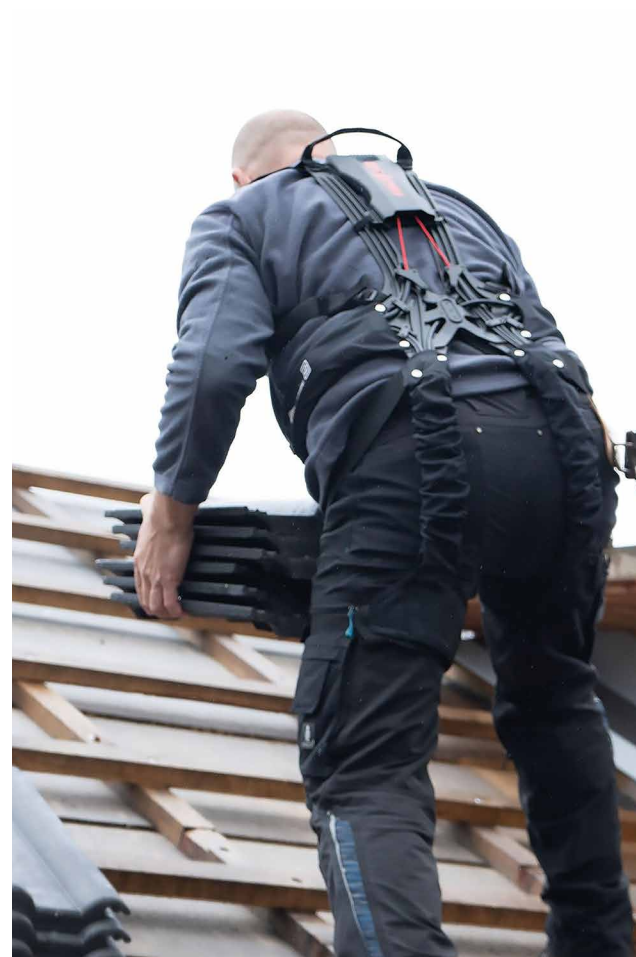
- Adjustable back support that adapts perfectly to both dynamic and static activities. The right back support for every task
- Balanced combination of rigidity and flexibility. Inspired by the anatomical structure of the spinal column, Mafell's BionicBack combines modern technology and materials in a product unique to its kind



MA095262



MA095269



CODES AND DIMENSIONS

CODE	description	weight		pcs
		[kg]	[lbs]	
MA095262	Exo-stabilizer BionicBack BB-1	1,2	2.6	1
MA095269	spare cushions set for BB-PWS	0,3	0.7	1

KSS 60 | KSS 80

CROSS-CUTTING SYSTEM



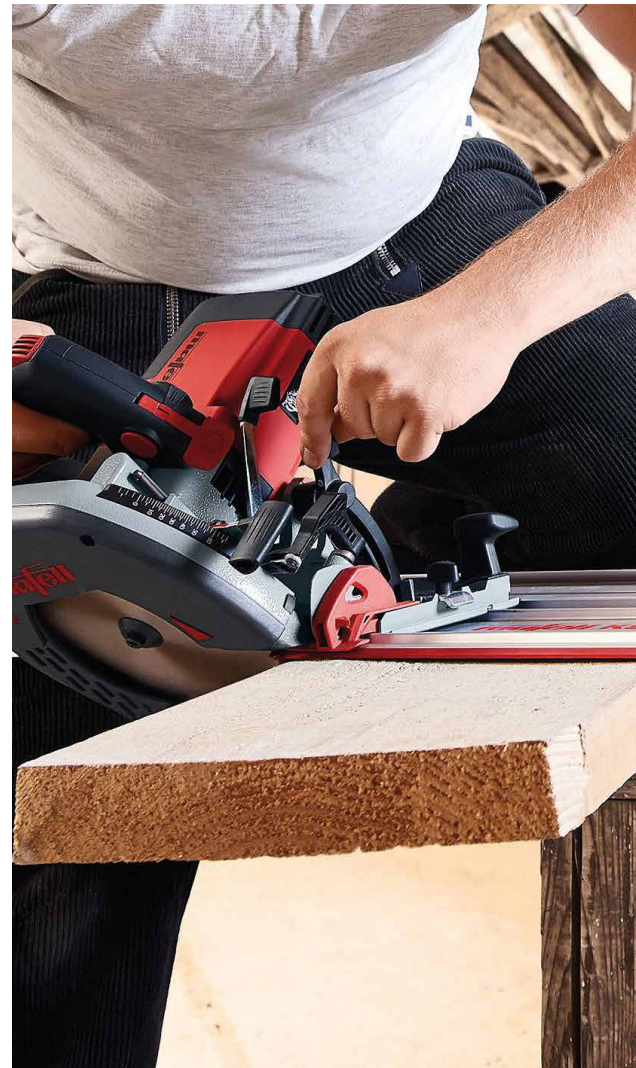
MA91B102



MA91D901



MA918501



CODES AND DIMENSIONS

CODE	description	pcs
MA91B102	KSS 60 cc cross-cutting system in carry case	1
MA91D901	KSS 60 18M bl cordless cross-cutting system in carry case	1
MA918501	cross-cutting system KSS 80 Ec/370	1

TECHNICAL DATA

Properties	KSS 60 cc	KSS 60 18M	KSS 80 EC
Universal motor	230 V/50 Hz	-	230 V/50 Hz
Power absorbed	1800 W	-	2300 W
Battery	-	18V, 99 Wh, LiHD	-
Cutting depth at 0° with guide track	0 - 61 mm 0 - 2 3/8"	0 - 61 mm 0 - 2 3/8"	0 - 82 mm 0 - 3 1/4"
Cutting depth at 45° with guide track	0 - 47 mm 0 - 1 7/8"	0 - 47 mm 0 - 1 7/8"	0 - 55,5 mm 0 - 2 3/16"
Cutting depth at 0° without guide track	0 - 67 mm 0 - 2 5/8"	0 - 67 mm 0 - 2 5/8"	0 - 88 mm 0 - 3 7/16"
Cutting depth at maximum angle without guide track	0 - 53 mm 0 - 2 1/16"	0 - 53 mm 0 - 2 1/16"	0 - 38,5 mm 0 - 1 1/2"
Slope angle	0 - 45°	0 - 45°	0 - 60°
Cut length	408 mm 16 1/16"	408 mm 16 1/16"	370 mm 14 9/16"
Angle cuts	-60 - +60°	-60 - +60°	-60 - +50°
Number of nominal empty turns	2700 - 4700 1/min	4450 1/min	2250 - 4400 1/min
Weight with guide track	5,9 kg 13.0 lbs	5,8 kg 12.8 lbs	8,3 kg 18.3 lbs

K 65 | K 85

CIRCULAR SAW



CODES AND DIMENSIONS

CODE	description	pcs
MA91B002 ⁽¹⁾	manual circular saw K 65 cc in T-MAX	1
MA91D801 ⁽²⁾	cordless portable circular saw K65 18M BL in T-MAX	1
MA918202 ⁽³⁾	manual circular saw K85 Ec in L-MAX	1
MA91E302 ⁽⁴⁾	cordless portable circular saw K 85-18 PURE in L-MAX	1

⁽¹⁾ USA/CA version: MA91B023 (120 V/60 Hz).

⁽²⁾ USA/CA version: MA91B723.

⁽³⁾ USA/CA version: MA918233 (120 V/60 Hz).

⁽⁴⁾ USA/CA version: MA91E324.

TECHNICAL DATA

Properties	K 65 cc	K 65 18M	K 85 Ec	K 85-18
Cut depth	0 - 67 mm 0 - 2 5/8"	0 - 67 mm 0 - 2 5/8"	0 - 88 mm 0 - 3 7/16"	0 - 88 mm 0 - 3 7/16"
Cut depth at 45°	0 - 53 mm 0 - 2 1/16"	0 - 53 mm 0 - 2 1/16"	0 - 61,5 mm 0 - 2 7/16"	0 - 61,5 mm 0 - 2 7/16"
Cut depth at 60°	-	-	2 - 44,5 mm	0 - 44,5 mm
Slope angle	0 - 45°	0 - 45°	0 - 60°	0 - 60°
Number of nominal empty turns	2700 - 4700 1/min	4450 1/min	2250 - 4400 1/min	2.800 - 5.200 1/min
Input power/Battery	1800 W	18 V, 99 Wh, Li-Ion	2300 W	2 x 18 V, 99 Wh, LiHD
Universal motor	230 V/50 Hz		230 V/50 Hz	-
Weight	4,5 kg 9.9 lbs	4,4 kg 9.7 lbs	6,7 kg 14.8 lbs	8,1 kg 17.8 lbs

MKS 165 EC

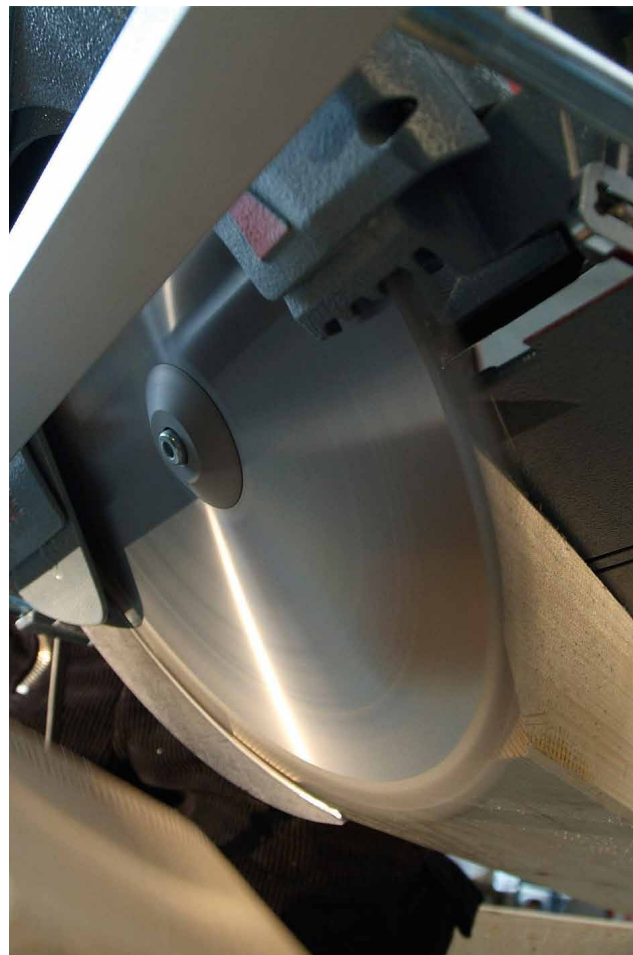
PORTABLE CIRCULAR CARPENTER'S SAW

- Cut depth: **85 - 165 mm** | 3 3/8" - 6 1/2"
- Cut depth 45°: **60 - 116.5 mm** | 2 3/8" - 4 9/16"
- Cut depth 60°: **42 - 82.5 mm** | 1 5/8" - 3 1/4"
- Slope angle: **0 - 60°**
- Nominal no-load speed: **1500 - 1800 1/min**
- Input power: **2800 W**
- Weight: **15,3 kg** | 33.7 lbs
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

CODE	description	pcs
MA924501	MKS 165 circular saw	1



MKS 185 EC

PORTABLE CIRCULAR CARPENTER'S SAW

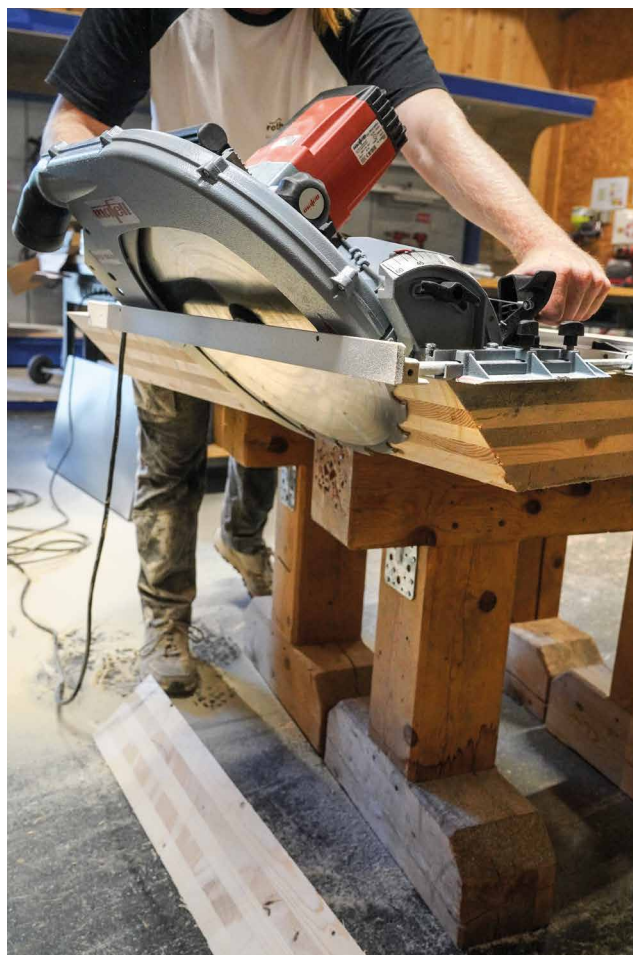
- Cut depth: **105 - 185 mm** | 4 1/8" - 7 1/4"
- Cut depth 45°: **74 - 131 mm** | 2 15/16" - 5 3/16"
- Cut depth 60°: **53 - 93 mm** | 2 1/16" - 3 11/16"
- Slope angle: **0 - 60°**
- Nominal no-load speed: **1400 - 1700 1/min**
- Input power: **3000 W**
- Weight: **16,1 kg** | 35.5 lbs
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

CODE	description	pcs
MA924801	MKS 185 circular saw	1

USA/CA version: MA924823 (240 V/60 Hz).



Z 5 EC

MANUAL BAND SAW

- Cut depth: **305 mm | 12"**
- Slope angle: **0 - 30°**
- Nominal no-load speed: **650 - 1550 1/min**
- Input power: **2250 W**
- Weight: **13,6 kg | 30 lbs**
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

CODE	description	pcs
MA925301	portable band saw Z 5	1

USA/CA version: MA925323 (120 V/60 Hz),
USA/CA version: MA925324 (240 V/60 Hz).

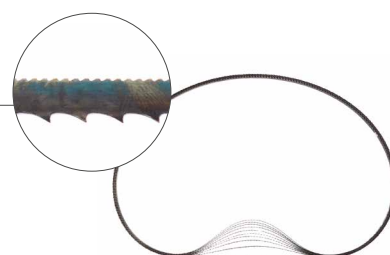
COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
MA202110	transport trolley	1



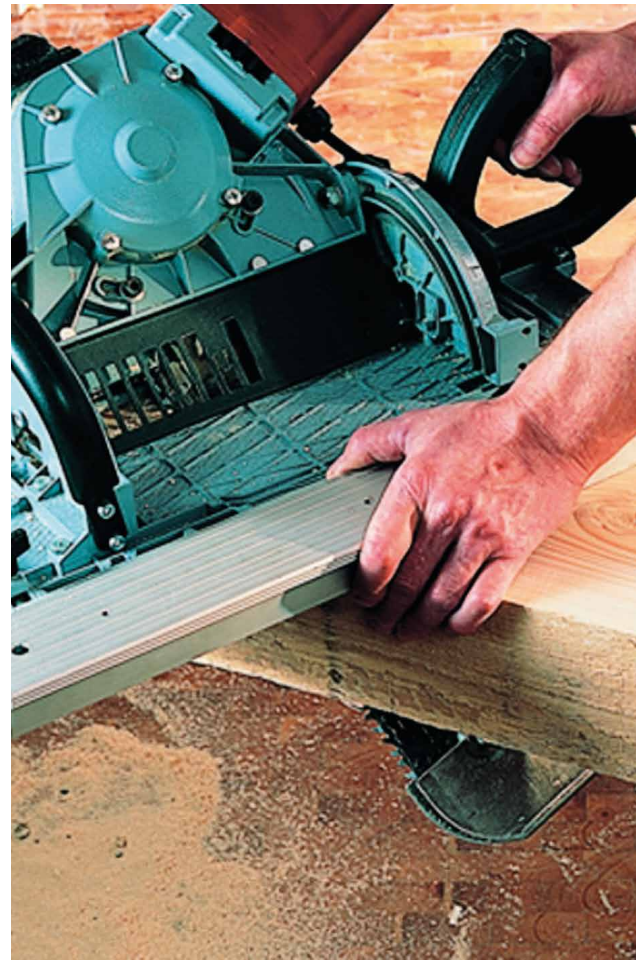
■ BLADES BAND SAW 3 FOR MAFELL Z3 / Z5, WITH POSTERIOR TOOTHING

See the product on page 228



ZSX EC

CARPENTER'S CHAINSAW



CODES AND DIMENSIONS

CODE	description	pcs
MA925501	carpenter's chainsaw ZSX EC/260 HM	1
MA925502	carpenter's chain saw ZSX EC/400 HM	1
MA925503	carpenter's chainsaw ZSX EC/400 Q	1

USA/CA version: MA925530 (120 V/60 Hz - without chain set).

TECHNICAL DATA

Properties	ZSX EC/260 HM	ZSX EC/400 HM /400 Q
Cut depth	260 mm 10 1/4"	400 mm 15 3/4"
Cut depth at 45°	184 mm 7 1/4"	282 mm 11 1/8"
Cut depth at 60°	130 mm 5 1/8"	199 mm 7 13/16"
Bilateral inclination	-60° - + 60°	
Number of nominal empty turns	3000 - 3600 1/min	
Power absorbed	3000 W	
Weight	13,3 kg 29.3 lbs	14,1 kg 31.1 lbs
Universal motor	230 V/50 Hz	

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
1 MA202110	transport trolley	1
2 MA202116	adapter for trolley	1



ZH 320

PLANER FOR CARPENTRY

- Planing width: **320 mm | 12 5/8"**
- Material removal: **0 - 3 mm | 0 - 0.118"**
- Cutter block diameter: **74 mm | 2 15/16"**
- Nominal no-load speed: **8500 1/min**
- Input power: **2700 W**
- Weight: **14 kg | 30.9 lbs**
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

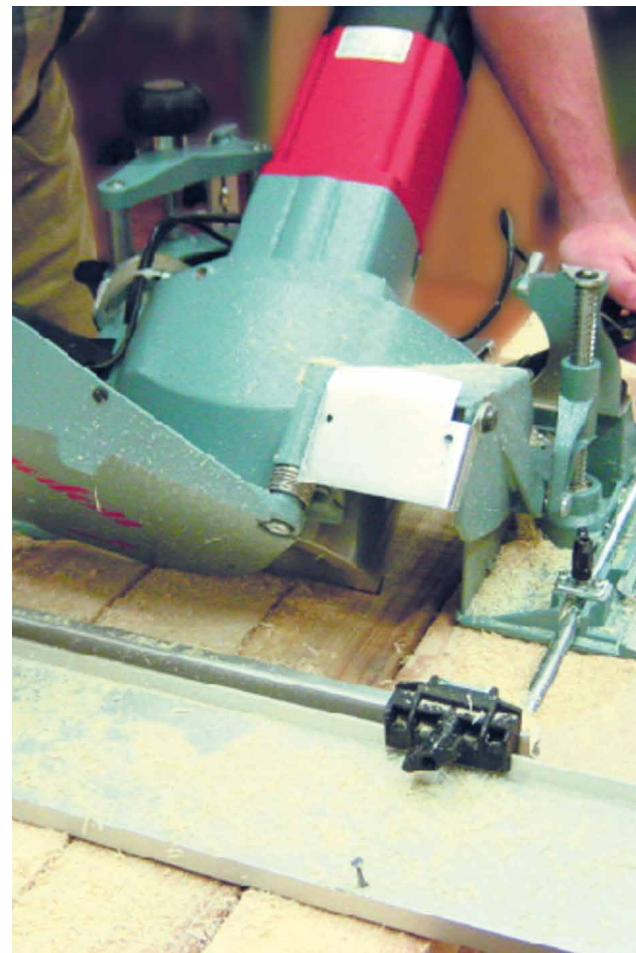
CODE	description	pcs
MA925503	carpenter's chainsaw ZSX EC/400 Q	1

USA/CA version: MA924422 (120V/60 Hz).

ZK 115

NOTCH CUTTER

- Milling depth at 0°: **0 - 70 mm | 0 - 2 3/4"**
- Slope angle: **0 - 60°**
- Nominal no-load speed: **4050 1/min**
- Input power: **3000 W**
- Weight (with standard cutter): **21.1 kg | 46.5 lbs**
- Universal motor: **230 V/50 Hz**



CODES AND DIMENSIONS

CODE	description	pcs
MA925001	notch cutter ZK 115 Ec	1

USA/CA version: MA925024 (240 V/60 Hz).

ERIKA

PULL-PUSH TABLE SAW

- Extremely stable worktable design, tilt angle from -3° to 48° , retractable riving knife and saw blade movement up to 430 mm
- Integrated stand with tool-free opening and easy height adjustment with foot pressure
- Sensor-controlled work light



CODES AND DIMENSIONS

CODE	description	pcs
MA971901	ERIKA 85 pull-push table saw	1

TECHNICAL DATA

Properties	values
Cut height	-1 - 85 mm -1/32" - 3 3/8"
Cut height a 45°	-1 - 59 mm -1/32" - 2 5/16"
Slope angle	-3 - 48° -1/8" - 1 7/8"
Cut length	430 mm 16 15/16"
Size work bench	525 x 915 mm 20 11/16" x 36"
Cut height without fixed support	415 mm 16 5/16"
Cut height with fixed support	891 mm 35 1/16"
Number of nominal empty turns	2050 - 4300 1/min
Power absorbed	2500 W
Suction nozzle Ø	58 mm 2 5/16"
Weight (including MFA multi-purpose guide fence)	40 kg 55.2 lbs
Cutting speed	26,8 - 56,3 m/s
Universal motor	230 V/50 Hz

S 25 | S 35

SUCTION SYSTEM



MA91C201



MA91C401



CODES AND DIMENSIONS

CODE	description	pcs
MA91C201	S 25 L suction system	1
MA91C301	S 25 M suction system	1
MA91C401	S 35 M suction system	1

TECHNICAL DATA

Properties	S 25 L	S 25 M	S 35 M
Vacuum pressure	280 mbar 4.1 psi	280 mbar 4.1 psi	280 mbar 4.1 psi
Airflow volume	270 m ³ /h	270 m ³ /h	270 m ³ /h
Power absorbed	1200 - max. 1400 W	1200 - max. 1400 W	1200 - max. 1400 W
Weight without/with MAX support	12,2/- kg	12,2/13,4 kg	15,6/16,8 kg
Dust container volume	25 l	25 l	35 l
Water container volume	20 l	20 l	22 l
Suction port inner Ø	58 mm 2 5/16"	58 mm 2 5/16"	58 mm 2 5/16"
Suction port outer Ø	66 mm 2 5/8"	66 mm 2 5/8"	66 mm 2 5/8"
Dimensions (L x P x H)	425 x 380 x 570 mm 16 3/4" x 15" x 22 7/16"	500 x 405 x 565 mm 19 3/4" x 15 15/16" x 22 1/4"	500 x 405 x 570 mm 19 3/4" x 15 15/16" x 22 7/16"
Universal motor	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
MA206869	S 200 high-capacity extractor	1

For use with S 35 M.



TRIOFIT COIL

SCREWDRIVER WITH LOADER

- A cordless screwdriver compatible with three different automatic loader connections. An interchangeable system that allows quicker and more efficient screw installation



HH12600170



HH3343



HH12600171



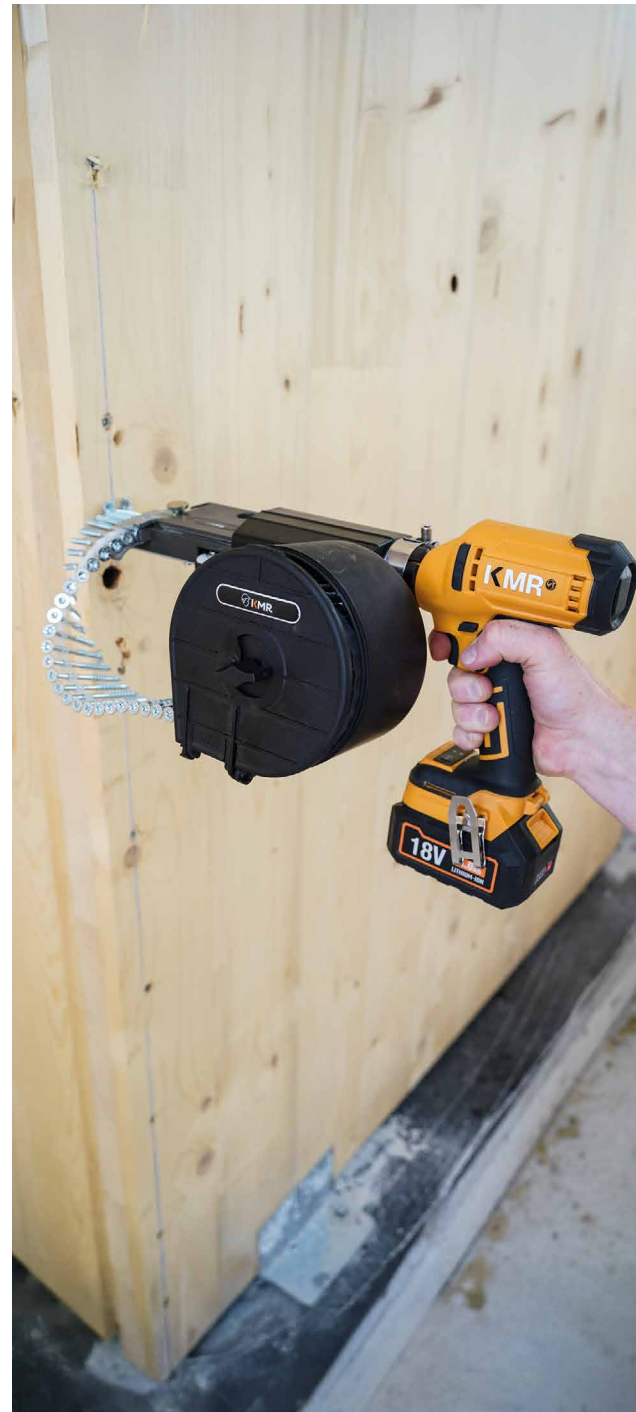
HH3341



HH12600172



HH12600169



CODES AND DIMENSIONS

CODE	description	Ø screws [mm] [in]	screws length [mm] [in]	weight [kg]	pcs
HH12600170 ⁽¹⁾	cordless screwdriver with automatic coil loader 40 - 80	4,5 - 5,0 (6,0*) 0.18 - 0.20 (0.24)	40 - 80 1 9/16 - 3 1/8	2,40	1
HH3343	automatic coil loader 40 - 80 (without machine)	4,5 - 5,0 (6,0*) 0.18 - 0.20 (0.24)	40 - 80 1 9/16 - 3 1/8	1,35	1
HH12600171 ⁽¹⁾	automatic coil loader 25 - 50	3,5 - 4,2 0.14 - 0.17	25 - 50 1 - 2	1,90	1
HH3341	automatic coil loader 25 - 50 (without machine)	3,5 - 4,2 0.14 - 0.17	25 - 50 1 - 2	0,85	1
HH12600172 ⁽²⁾	screwdriver with collated strip loader	3,5 - 4,2 0.14 - 0.17	25 - 55 1 - 2 3/16	1,73	1
HH12600169	strip feed loader (without machine)	3,5 - 4,2 0.14 - 0.17	25 - 55 1 - 2 3/16	0,68	1
HH12600168	standalone screwdriver	-	-	1,05	1

(*) Ø6,0 mm with HZB6PLATE.

(1) The supply includes: screwdriver, automatic loader, 2x 4Ah batteries, battery charger, metal case.

(2) The supply includes: screwdriver, automatic loader, 2x 2Ah batteries, battery charger, metal case.

ACCESSORIES FOR SCREWDRIVERS



CODE	description	weight [kg]	pcs
1 HH14415260	adapter for Mafell A 18 M bl screwdriver + Metabo BS 18 LTX BL Q	0,5	1
2 HH14515425	spare battery 18V - 4 Ah	0,6	1
3 HH14515424	spare battery 18V - 2 Ah	0,4	1
4 HH14515426	battery charger	0,3	1
5 HH14411591	extension for automatic loaders	1,2	1
6 HZB6PLATE	guide plate for 6,0 mm screws	0,1	1

BITS WITH METRIC CONNECTION

CODE	description	HH12600170/HH3343	HH12600171/HH3341	HH12600172	pcs
HH14001462	M5 PH - 2	-	-	included	5
HH14505991	M5 TX 15	not included	-	-	5
HH14411964	M5 TX 20	included	-	-	5
HH14001468	M5 TX 25	-	not included	-	5
HH14000620	M6 TX 20	-	-	-	5
HH14000619	M6 TX 25	-	-	-	5
HH14001469	M6 TX 30	-	not included	-	5
HH14001855	BIT TX 20 for KKT STRIPE	-	-	not included	1

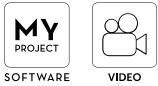
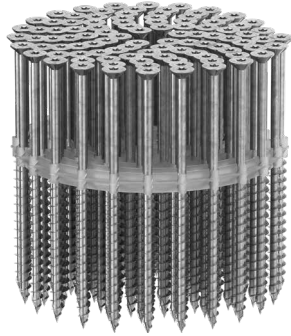


ADAPTABLE FOR Ø6,0 mm HBS

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.

HBS COIL

HBS BOUND SCREWS



MATERIAL

Zn
ELECTRO
PLATED electrogalvanized
carbon steel

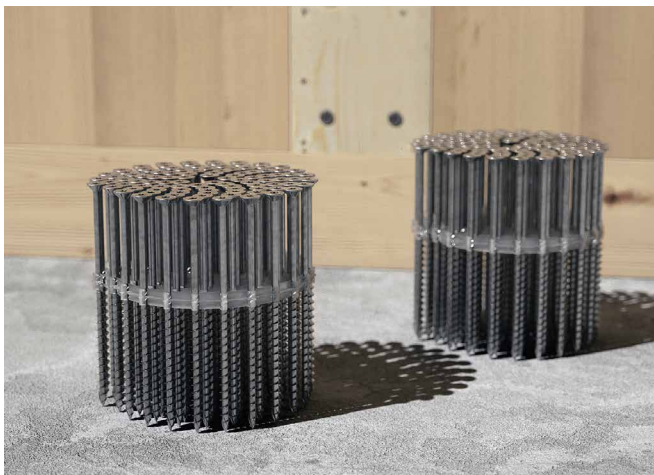
CODES AND DIMENSIONS

HBS COIL STRIP - bound screws

d ₁ [mm] [in]	CODE	L		b		pcs/ 	pcs
		[mm]	[in]	[mm]	[in]		
4 0.16 TX 20	HH10600459(*)	25	1	18	11/16	200	1200
	HZB430	30	1 3/16	16	5/8	167	3006
	HZB440	40	1 9/16	24	15/16	167	2000
	HZB450	50	1 15/16	30	1 3/16	125	1500
4,5 0.18 TX 20	HZB4550	50	1 15/16	30	1 3/16	125	1500
5 0.20 TX 25	HZB560	60	2 3/8	30	1 3/8	125	1250
	HZB570	70	2 3/4	35	1 9/16	125	625
	HZB580	80	3 1/8	40	1 3/8	125	625
6 0.24 TX 30	HZB670	70	2 3/4	40	1 3/8	135	625
	HZB680	80	3 1/8	40	1 3/8	135	625

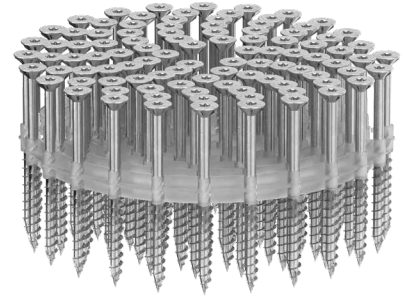
(*) Full threaded screw.

For more information, see the "TIMBER SCREWS AND DECK FASTENING" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



SCI A2 | AISI304

COUNTERSUNK SCREW



MATERIAL

A2
AISI 304 A2 | AISI304
austenitic stainless steel
(CRC II)

CODES AND DIMENSIONS

SCI A2 COIL - bound screws

d ₁ [mm] [in]	CODE	L		b		pcs/ 	pcs
		[mm]	[in]	[mm]	[in]		
4 0.16 TX 20	SCICOIL4025	25	1	18	11/16	167	3006
	SCICOIL5050	50	1 15/16	30	1 3/16	125	1250
	SCICOIL5060	60	2 3/8	35	1 9/16	125	1250
5 0.20 TX 25	SCICOIL5070	70	2 3/4	40	1 3/8	125	625

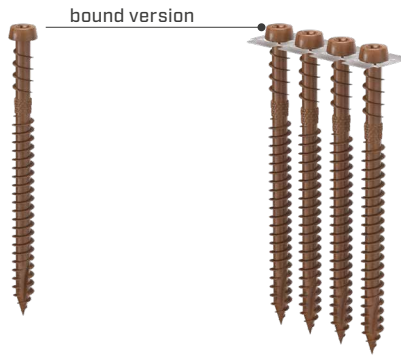
For more information, see the "TIMBER SCREWS AND DECK FASTENING" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



KKT COLOR

CONE-SHAPED CONCEALED HEAD SCREW

CE
EN 14592



MATERIAL



carbon steel with
coloured organic
anti-rust coating

CODES AND DIMENSIONS

KKT COLOR STRIP - bound screws

d ₁ [mm] [in]	CODE	L [mm] [in]	b [mm] [in]	A [mm] [in]	pcs
5 0.21 TX 20	KKTMSTRIP540	43 1 11/16	25 1	16 3/4	800
	KKTMSTRIP550	53 2 1/16	35 1 3/8	18 3/4	800

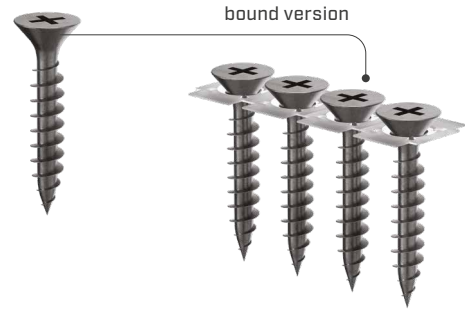
For more information, see the "TIMBER SCREWS AND DECK FASTENING" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.



DWS

DRYWALL SCREW

CE
EN 14566



MATERIAL



phosphate-
coated carbon
steel

CODES AND DIMENSIONS

DWS STRIP - coarse thread for timber substructures

d ₁ [mm] [in]	CODE	L [mm] [in]	pcs
3,9 0.16 PH 2	HH10600221	25 1	10000
	HH10600222	30 1 3/16	10000
	HH10600223	35 1 3/8	10000
	HH10600224	40 1 9/16	10000
	HH10600225	45 1 3/4	10000
	HH10600225	55 2 3/16	8000

DWS STRIP - fine thread for sheet metal substructures up to max. 0.75 mm

d ₁ [mm] [in]	CODE	L [mm] [in]	pcs
3,5 0.14 PH 2	HH10600212	25 1	10000
	HH10600213	30 1 3/16	10000
	HH10600214	35 1 3/8	10000
	HH10600215	40 1 9/16	10000
	HH10600216	45 1 3/4	10000
	HH10600217	55 2 3/16	8000

DWS STRIP - fine thread and ribbed head for gypsum board

d ₁ [mm] [in]	CODE	L [mm] [in]	pcs
3,9 0.16 PH 2	HH10600227	22 7/8	10000
	HH10600228	30 1 3/16	10000
	HH10600229	35 1 3/8	10000
	HH10600230	45 1 3/4	10000

For more information, see the "TIMBER SCREWS AND DECK FASTENING" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.

B 13 B

2-SPEED DRILL DRIVER

POWERFUL

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

SAFE

The torque limiting clutch prevents overloading.



CODES AND DIMENSIONS

CODE	description	pcs
DUB13B	powered drill driver	1

Cardboard packaging.

VIDEO

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



TECHNICAL DATA

Properties	values	
Rated power consumption	760 W	
Screws up to	11 x 400 mm (soft woods, without pre-drilling)	
Tightening torque (1-Speed)	120 Nm 88.5 ft-lbs	
Machine weight	2.8 kg 6.2 lbs	
Threaded connection for chuck mandrel	1/2" - 20 UNF	
Collar diameter Ø	43 mm 1 11/16"	
Tightening range of chuck mandrel	1,5 - 13 mm 0.06 - 0.51"	
	1-Speed	2-Speed
Ø drilling with tip Forstner	51 - 80 mm	≤ 50 mm
Number of rpm with nominal load	0 - 170 U/min	0 - 1320 U/min

EHB 16

2-SPEED DRILL DRIVER

POWER AND VERSATILITY FOR TIMBER CONSTRUCTION

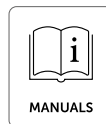
The EHB 16 drill offers the power, durability and features required for the most demanding applications in timber construction. The motor provides sufficient torque for large-diameter and long screws, such as HBS, TBS, VGZ and VGS.

PRECISION AND CONTROL

An electronic switch enables smooth starts for precise hole positioning. The rear handle ensures stability and precision when drilling at an angle.

ROBUST FOR INTENSIVE USE

With metal gears and thermal protection, the EHB 16 drill is designed for high duty cycles in timber construction. Despite its low weight, this professional drill offers the power and manoeuvrability needed for all-day work.



CODES AND DIMENSIONS

CODE	description	pcs
EHB0122R000	Drill driver (240V)	1
EHB0122KUSA	Drill driver (120V)	1

Drill chuck wrench included in the supply. Cardboard packaging.

TECHNICAL DATA

Properties	values
Rated current	6,60 A
Frequency	50/60 Hz
Rated power consumption	1.400 W
Rated speed	0-400/0-750 rpm
Loadless speed	0-650/0-1200 rpm
Threaded connection for chuck mandrel	5/8" x 16 UN
Collar diameter Ø	43 mm 1 11/16"
Protection class	II
Machine weight	4,5 kg 9.9 lbs



P 26 C

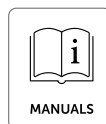
COMBI HAMMER

PRACTICAL

Speed and impact force are progressively adjustable via the trigger button, allowing precise and gentle 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.

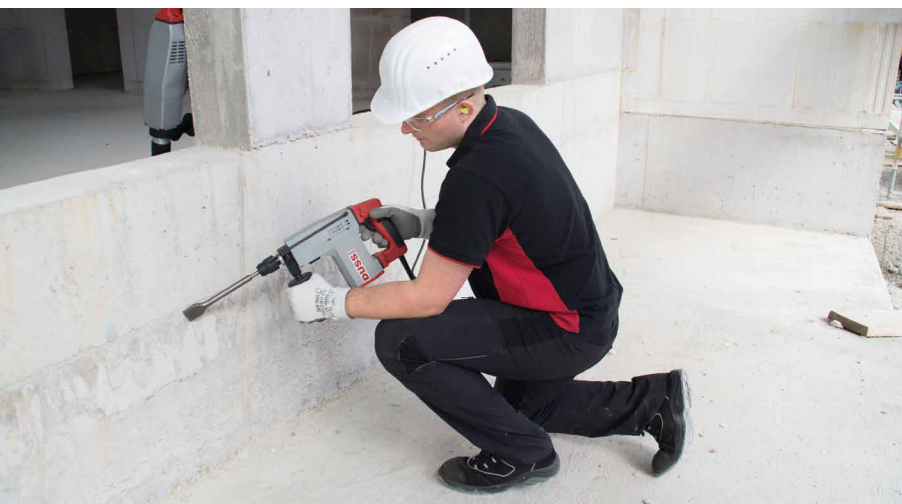


MANUALS

CODES AND DIMENSIONS

CODE	description	pcs
DUP26C	combi hammer	1
DUP26CSET	combi hammer + accessories	1

Set = DUP26C | DUSDS7T | DUSMP1 | DUFMP2.



FIELDS OF USE

- Holes for plugs
- Holes up to Ø30 mm for heating pipes, electrical cables, etc.
- Light chiselling work
- Precision correction chiselling
- Façade construction, metal and timber construction

COMPLEMENTARY PRODUCTS - ACCESSORIES



CODE	description	length		width		pcs
		[mm]	[in]	[mm]	[in]	
1	DUASG12 suction bell up to Ø12 mm Ø1/2"	-	-	-	-	1
2	DUASG68 suction bell up to Ø68 mm Ø 2 11/16"	-	-	-	-	1
3	DUSDS7T SDS-plus drill bit box	-	-	-	-	1
4	DUSMP1 pointed chisel	-	-	250	10	1
5	DUFMP2 flat chisel	20	13/16	250	10	1
6	DUBMP3 wide chisel	40	1 9/16	250	10	1
7	DULMP4 tile chisel	40	1 9/16	250	10	1
8	DUHMP5 gouge chisel	22	7/8	250	10	1

TECHNICAL DATA

Properties	values
Rated power consumption	710 W
Drilling range with full point	Ø5 - 30 mm Ø 3/16" - 1 3/16"
Drilling range with hammer rim	Ø40 - 82 mm Ø 1 9/16" - 3 1/4"
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 J
Number of rpm with nominal load	0 - 700 U/min
Adjustable percussion frequency	0 - 3700 rounds/min
Machine weight	3,9 kg 8.6 lbs
Collar diameter Ø	43 mm 1 11/16"
Drill chuck connection	SDS - Plus

SNAIL PULSE
CARBIDE DRILL BIT IN HM WITH SDS-PLUS DRILL CHUCK SHANK



See the product on page 248

DIA 303

DRILL FOR DRILLING AND PERFORATIONS - WATER AND DRY

WIDE DRILLING RANGE

Drilling range from Ø40 to 322 mm, can be used both freehand or on a support.

CUTTER

The three-speed drill is also ideal for large LB hole cutters.



DUDIA303



DUDIA303W



CODES AND DIMENSIONS

CODE	description	pcs
DUDIA303	drill for diamond drill bit dry cutting	1
DUDIA303W	diamond drill for drilling - water	1
DUDIA303SET	diamond drilling drill + BS 160 drilling column	1

Including: DUSK61, DUZST, DULSA2, dry lubricant spray and case.



DUDIA303W WITH WATER CONNECTION

Interchangeable between dry and wet drilling, with highly effective dust extraction for dry use and precise preselection with constant flow for wet use.

For stone and concrete materials, use CCL and CBL hole saws.

COMPLEMENTARY PRODUCTS - ACCESSORIES



CODE	description	pcs
1	DUVL150 150 mm extension with G 1/2" connection for deeper holes	1
2	DUVL300 300 mm extension with G 1/2" connection for deeper holes	1
3	DUSK61 extraction heads for dust removal in dry drilling applications. DUSK61 for freehand drilling	1
4	DUSK76 extraction heads for dust removal in dry drilling applications. DUSK76 for drilling with column guide (only in combination with DUTBS)	1
5	DUTBS suction adapter for dry drilling around columns during drilling operations	1
6	DUBFS2 fastening kit consisting of clamping chuck, clamping nut, 25 M12 anchors, washer and guide rod	1
7	DUFS13S keyless chuck 1.5 - 13 mm	1
8	DUSVB chuck adapter for Quick Release system	1
9	DUDF5 chuck adapter	1
10	DUDAS2 adapter G 1/2" female - G 1/2" female	1
11	DUDAS3 adapter G 1/2" male - G 1/2" male	1
12	DUDAS4 adapter 1 1/4" UNC male - G 1/2" female	1
13	DUDAS6 adapter G 1/2" male - 1 1/4" UNC female	1

TECHNICAL DATA

Properties	values
Rated power consumption	2000 W
Rpm under nominal load in 1st, 2nd, 3rd speed	360/680/1270 U/min.
Machine weight DIA303 DIA303W	6,2 kg 6,4 kg 13.7 14.1 lbs
Drill chuck connection	G 1/2"
Collar diameter Ø	43 mm 1 11/16"

RELATED PRODUCTS



LB HOLE CUTTER
page 252



BS 160 | BS 320 B
page 222



DUHXA
page 249

D 38 RLE

4-SPEED DRILL DRIVER

HIGH PERFORMANCE

Powerful and resistant 2000 W motor, able to reach a tightening torque of > 250 Nm at 1st speed. Continuously variable speed adjustment in every gear.

MAINTENANCE-FREE

4-Speed transmission with continuous lubrication. Convenient positioning of right/left rotation switching and speed regulator.



CODES AND DIMENSIONS

CODE	description	pcs
DUD38RLE	4-Speed drill driver	1

Scope of supply: 4-speed machine D 38 RLE, removal wedge in cardboard box. Use of the machine only with the safety clutch (DUVSKU) and the second grip (DUD38SH) is strongly recommended.

TECHNICAL DATA

Properties	values
Rated power consumption	2000 W
Drilling Ø on:	
- steel with solid drill bit	up to 32 mm 1 1/4"
- wood tip solid drill bit	up to 130 mm 5 1/8"
- polypropylene with LS hole cutter	up to 600 mm 23 5/8"
Rpm under load in 1st, 2nd, 3rd and 4th speed	120/210/380/650 U/min
Machine weight	8.6 kg 18.9 lbs
Collar diameter Ø	70 mm 2 3/4"
Drill chuck connection	conical MK 3

COMPLEMENTARY PRODUCTS - ACCESSORIES

FRICTION

- Tightening torque 200 Nm | 147.5 ft-lbs
- Square connection 1/2"

CODE	pcs
DUVSKU	1



SCREW HANDLE

- High security

CODE	pcs
DUD38SH	1



ADAPTER 1

- For MK3

CODE	pcs
DUD322	1



ADAPTER 2

- For sleeve

CODE	pcs
ATCS2010	1



SLEEVES

- For WB structural reinforcement system

CODE	Ø [mm]	Ø [in]	pcs
ATCS007	16	0.63	1
ATCS008	20	0.79	1



MANDREL

- Adapter 1 (DUD322) is required for connection to the D 38 RLE drill

CODE	pcs
DUF13	1



RTR STRUCTURAL REINFORCEMENT SYSTEM



For more information, see the "TIMBER SCREWS AND DECK FASTENING" catalogue, available in the "Catalogues" section of the website www.rothoblaas.com.

BS 160 | BS 320 B



DRILLING COLUMN

ROBUST

Robust components ensure high quality and long service life. Suitable for machines with a collar diameter of Ø43 mm.

PRECISE

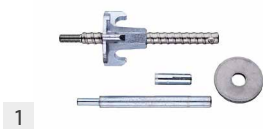
The carriage control enables simple and precise operation.



DUBS160



DUBS320B



1

2

CODES AND DIMENSIONS

CODE	description	pcs
DUBS160	drilling column 160	1
DUBS320B	drilling column 320	1

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
1 DUBFS2	fastening set (tightening drill chuck, lock nut, 25 impact anchors M12, washer M16)	1
2 DUTBS	dry suction adapter, designed for use with drilling supports equipped with hole cutters	1

TECHNICAL DATA

Properties	DUBS160	DUBS320B
Ø max. drilling	202 mm 8"	322 mm 12 11/16"
Ø max. drilling device with water recovery	182 mm 7 3/16"	-
Weight	12,2 kg 26.9 lbs	15,2 kg 33.5 lbs
Stroke	630 mm 25"	630 mm 25"
Column length	920 mm 36 1/4"	920 mm 36 1/4"
Tilt adjustment	0 - 45° no actuations	0 - 45° no actuations
Stand for device	with quick coupling	with quick coupling



PATCH MILLING MACHINE

- Versatile application on surfaces and edges.
Precise repairs on glulam, CLT and solid timber, both in production and on site
- The manual machines are designed for continuous industrial use, offer long service life and ensure consistently high-quality results
- Simple operation allows for quick and versatile repairs. The guide is required only for 500 mm patches



1



2



CODES AND DIMENSIONS

	CODE	description	pcs
1	PCHILLOS15	surface patch milling machine with small 15 mm 0.59" knife	1
	PCHILLOS45	surface patch milling machine with small 45 mm 1.77" knife	1
2	PCHILLOE45	45 mm 1.77" edge patch milling machine	1

The guide must be ordered separately and is required for FLI patch lengths of 250 mm and 500 mm.



1



2



3



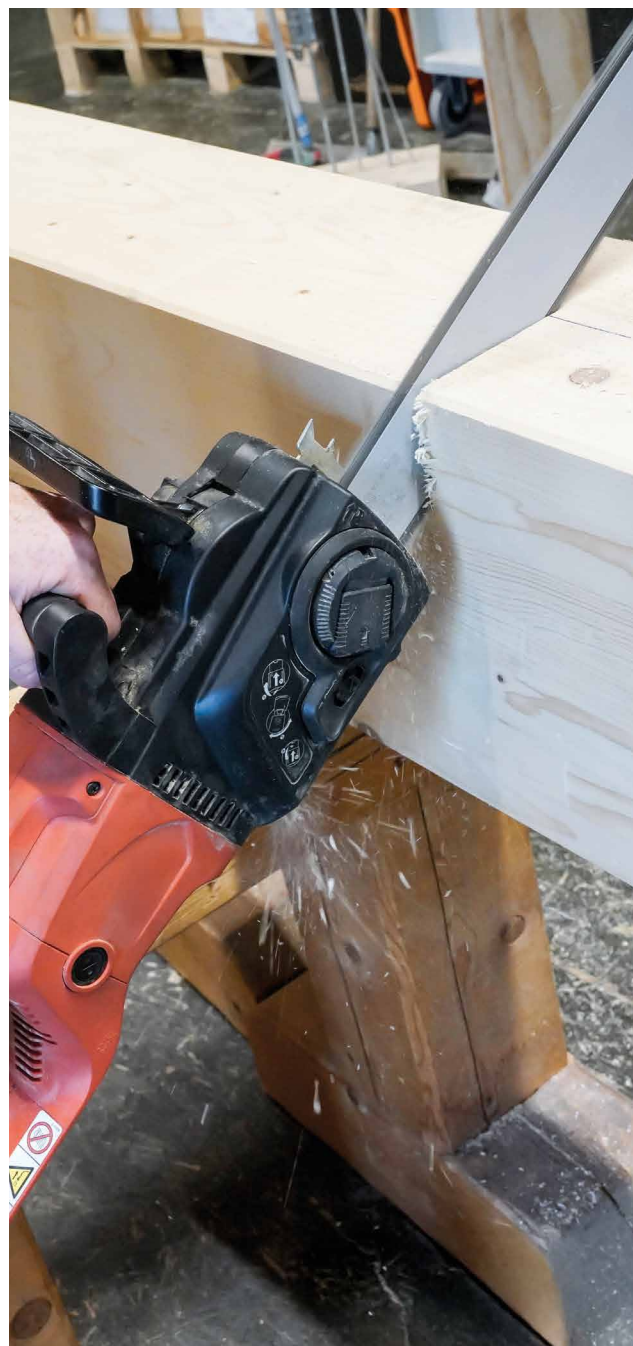
4

COMPLEMENTARY PRODUCTS - ACCESSORIES

	CODE	description	pcs
	CHILLOKNS15	coltelli di ricambio PCHILLOS15	4
1	CHILLOKNS45	coltelli di ricambio PCHILLOS45	4
	CHILLOKNE45	coltelli di ricambio PCHILLOE45	3
	CHILLOS15P	lower support plate for 15 mm 0.59" milling cutter	1
2	CHILLOS45P	lower support plate for 45 mm 1.77" milling cutter	1
	CHILLOE45P	lower support plate for 45 mm 1.77" edge	1
3	CHILLOJIGS	guide for surface patch milling machine	1
4	CHILLOJIGE	guide for edge patch milling machine	1

ELECTRIC CHAINSAW

- Powerful and durable electric chainsaw for various uses
- Automatic chain lubrication system
- Convertible into a groove cutter by adding a dedicated accessory



CODES AND DIMENSIONS

CODE	description	pcs
PAWAHQ420	Husqvarna 420EL electric chainsaw	1

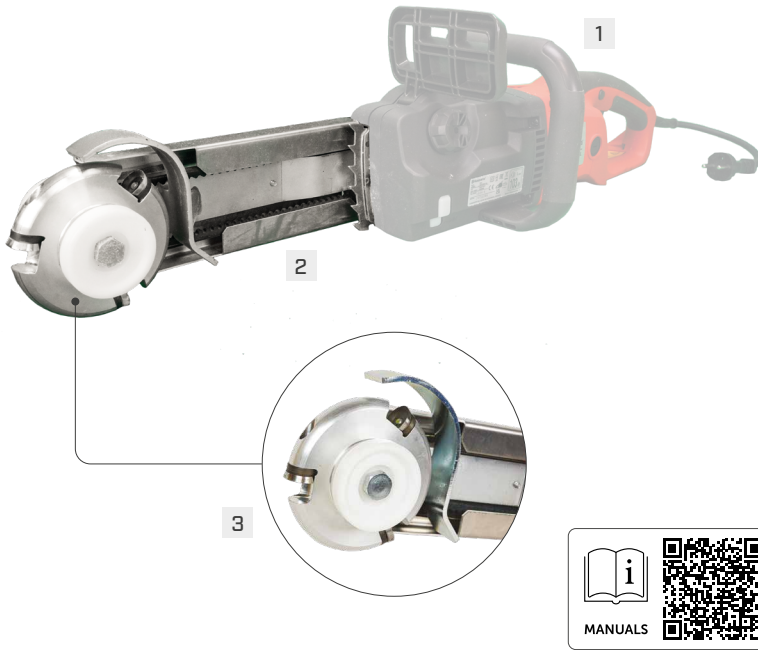
TECHNICAL DATA

Properties	values
Motor power	2000 W
Nominal tension	230-240 V
Maximum chain speed	14,5 m/s
Bar length	40 cm 16"
Sound pressure level at the operator's ear	90,8 dB(A)
Weight (excluding cutting unit)	4,7 kg 10.4 lbs

CLAW

ACCESSORY FOR GROOVE CUTTER

- Enables fast and precise milling for electrical lines and technical installations
- Compatible with Husqvarna 420EL and Stihl MSE230/MSE250 electric chainsaws



CODES AND DIMENSIONS

	CODE	description	pcs
1	PAWACLAWHQ19	Husqvarna 420EL chainsaw with mounted 19 mm 0.75" milling cutter	1
	PAWACLAWHQ24	Husqvarna 420EL chainsaw with mounted 24 mm 0.95" milling cutter	1
2	CLAWHQ19	19 mm accessory for milling cutter for Husqvarna 420EL	1
	CLAWHQ24	24 mm accessory for milling cutter for Husqvarna 420EL	1
	CLAWMSE23019	19 mm accessory for milling cutter for Stihl MSE230	1
	CLAWMSE23024	24 mm accessory for milling cutter for Stihl MSE230	1
	CLAWMSE25019	19 mm accessory for milling cutter for Stihl MSE250	1
	CLAWMSE25024	24 mm accessory for milling cutter for Stihl MSE250	1
3	GZ9FP	spare 19 mm blades	3
	GZ9FG	spare 24 mm blades	3



FOR INDOOR USE

Thanks to the electric drive, it can be used indoors without producing harmful exhaust fumes.

FIELDS OF USE

For milling between 19 and 24 mm in solid or glued laminated timber. Ideal for installing standard empty conduits. The wall can be clad immediately without creating a service cavity, saving time, money and space.

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 DATA

Properties	values
Blunting width	0 - 25 mm 0 - 1"
Planing depth	0 - 12,5 mm 0 - 1/2"
Empty turns	16100/min
Nominal absorption	700 W
Nominal tension	230 V
Weight	3,3 kg 7.3 lbs

HOT GUN

HOT AIR GUN

POWERFUL AND ROBUST

Professional hot air gun with robust body for use in construction sites. The 1600 W power ensures rapid heating.

ALSO SUITABLE FOR OVERHEAD JOBS

The ergonomic two-part handle and optimised centre of gravity ensures an ideal grip, even for jobs involving welding longer elements in difficult conditions.

ADJUSTABLE

The temperature can be set up to a maximum of 700°C.



CODES AND DIMENSIONS

CODE	description	pcs
1 HOTGUN(*)	professional hot air gun	1
2 HOTGUNFN40	flat 40 mm 1 9/16" nozzle	1

(*)Nozzle not included.
Scope of supply: hot air gun in plastic case.

TECHNICAL DATA

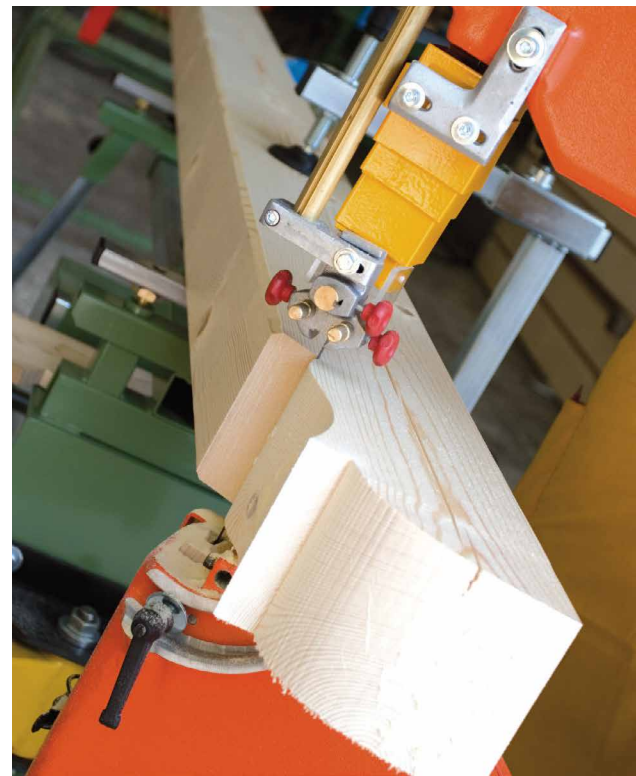
Properties	values
Tension	230 V
Frequency	50/60 Hz
Performance	1600 W
Temperature	40-700°C 104 - 1290 °F
Airflow (20°C)	240 l/min
Nozzle connection Ø	31,5 mm 1.24"
Protection class	II
Weight	1 kg 2.2 lbs



BANDSAW

BAND SAW

- SET 1500 version: with articulated arm on mobile trolley
- SET 2000 version: with articulated arm on central table



CODES AND DIMENSIONS

	CODE	description	weight		pcs
			[kg]	[lbs]	
1	ATEU3013	bandsaw SN44 - SET 1500	195	430	1
	ATEU301360HZ	bandsaw SN44 - SET 1500 USA version	195	430	1
2	ATEU3017	bandsaw SN44 - SET 2000	165	364	1
	ATEU301760HZ	bandsaw SN44 - SET 2000 USA version	165	364	1

TECHNICAL DATA

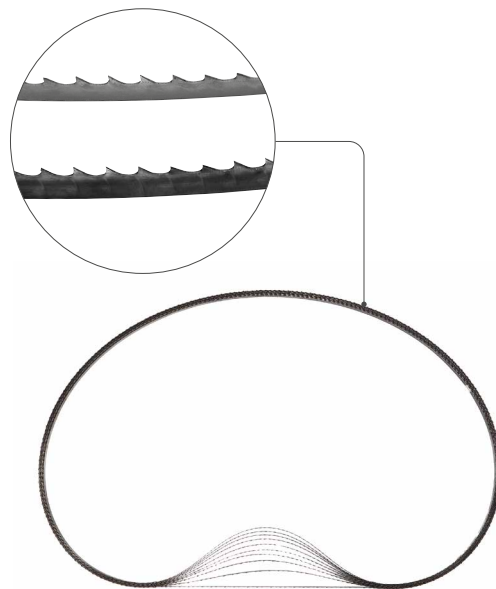
Properties	values
Cut width	390 mm 15 3/8"
Cut height	350 mm 13 3/4"
Maximum cut height with special blade guide	410 mm 16 1/8"
Blade length	2720 mm 8' 11 1/8"
Width blade (min.)	3 mm 0.12"
Motor power	1100 W

BLADES BAND SAW 1

FOR MD DARIO

CODES AND DIMENSIONS

CODE	size	machine type	pcs
	[mm] [ft. x in]		
ATMD06	2450 x 6 8' 1/2" x 0.24	SV3	10
ATMD10	2450 x 10 8' 1/2" x 0.39	SV3	10
ATMD3306	2530 x 6 8' 3 5/8" x 0.24	SN33	10
ATMD3310	2530 x 10 8' 3 5/8" x 0.39	SN33	10
ATMD4406	2720 x 6 8' 11 1/8" x 0.24	SN44	10
ATMD4408	2720 x 8 8' 11 1/8" x 0.32	SN44	10
ATMD44010	2720 x 10 8' 11 1/8" x 0.39	SN44	10

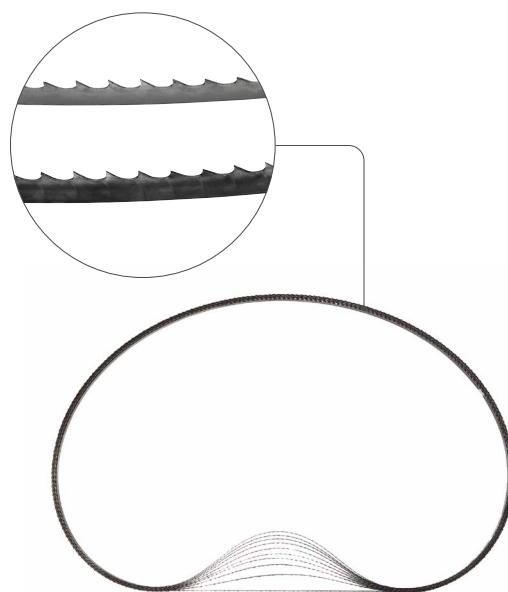


BLADES BAND SAW 2

FOR PORTABLE BAND SAWS
HEMA/PROTOOL

CODES AND DIMENSIONS

CODE	size	pcs
	[mm] [ft. x in]	
LAMEHH6	1710 x 6 5' 7 3/8" x 0.24	10
LAMEHH10	1710 x 10 5' 7 3/8" x 0.39	10

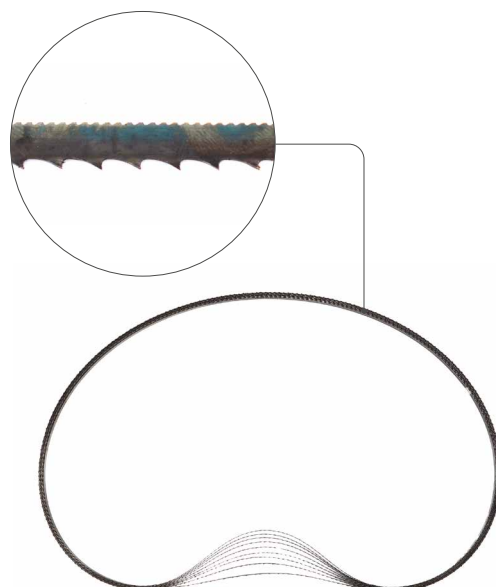


BLADES BAND SAW 3

FOR MAFELL Z3/Z5,
WITH POSTERIOR TOOTHING

CODES AND DIMENSIONS

CODE	size	pcs
	[mm] [ft. x in]	
LAMEZ58DD	1752 x 8 5' 9" x 0.32	10



COMPRESSOR 24

CE
DM 2006/42/CE

OIL-FREE COMPRESSOR WITH 24 L RUSTPROOF TANK

DURABLE

The inside of the tank is painted with a special product that prevents rust which typically occurs with condensation water. Extremely durable even when subjected to frequent use.

CONTINUOUS OPERATION

As a result of the power of the two cylinders, the compressor works without charging interruptions.

SILENT

Powerful yet quiet. When used indoors, it does not affect acoustic and working comfort.



CODES AND DIMENSIONS

CODE	description	pcs
1 COMP24	compressor with 24 L rustproof tank	1
2 COMP24PLATE	tool tray	1

TECHNICAL DATA

Properties	values
Supply voltage	230 V
Rated power	1,50 kW
Frequency	50 Hz
Maximum operating pressure	8 bar 115 psi
Safety valve	10 bar 145 psi
Noise level	68 dB
Rotation speed	1400 rpm
Tank volume	24 l
Inlet air flow rate	300 l/min
Outlet air flow rate	170 l/min
Total weight	34 kg 75 lbs
Dimensions (L x P x H)	500 x 560 x 720 mm 19 3/4" x 22" x 28 3/8"

COMPRESSOR 50

CE
DM 2006/42/CE

LARGE OIL-FREE COMPRESSOR WITH 50 L RUSTPROOF TANK

LONG SERVICE LIFE GUARANTEED

The special internal coating of the tank protects against corrosion caused by condensation, ensuring strength and durability even under intensive use.

GREATER STABILITY ON UNEVEN GROUND

Thanks to the lower centre of gravity, the horizontal compressor is more stable and less prone to tipping, making it particularly suitable for construction sites with uneven terrain.

LARGE CAPACITY

Ideal for large compressed-air devices with high air consumption or for simultaneous operation of two medium-sized tools thanks to the dual connections.



CODES AND DIMENSIONS

CODE	description	pcs
1 COMP50	compressor with 50 L rustproof tank	1

TECHNICAL DATA

Properties	values
Supply voltage	230 V
Rated power	1,1 kW
Frequency	50 Hz
Maximum operating pressure	8 bar 115 psi
Safety valve	10 bar 145 psi
Noise level	69 dB
Rotation speed	1400 rpm
Tank volume	50 l
Inlet air flow rate	300 l/min
Outlet air flow rate	170 l/min
Total weight	48 kg 105 lbs
Dimensions (L x P x H)	800 x 350 x 650 mm 31 1/2" x 13 3/4" x 25 9/16"

COMPRESSED AIR HOSE

COMPRESSED AIR HOSE WITH UNIVERSAL CONNECTION

- 360° swivelling hose reel with foldable grip
- Maximum air pressure: 20 bar



CODES AND DIMENSIONS

CODE	length		diameter (internal/external)		pcs
	[m]	[ft]	[mm]	[in]	
1 AIRTUBE10	10	32' 10"	8/14	3/16 / 9/16	1
2 AIRTUBE20	20	65' 7"	8/14	3/16 / 9/16	1
3 AIRTUBE30R	30	98' 5"	8/14	3/16 / 9/16	1

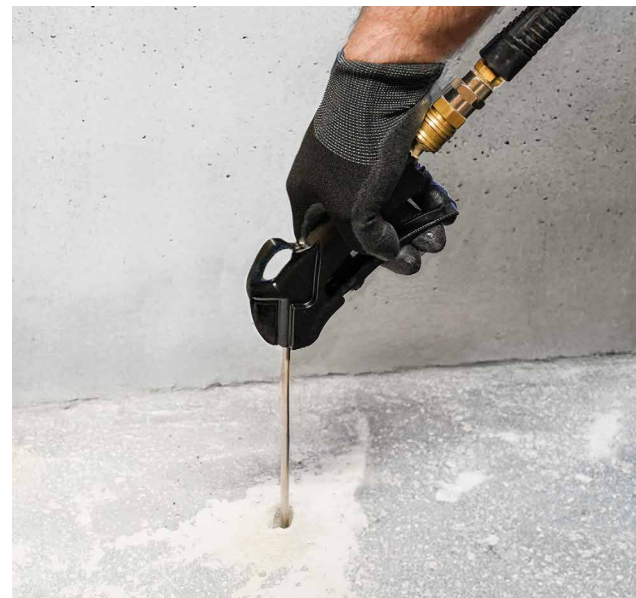
CAT

COMPRESSED AIR TOOL

- The installation with CAT makes it possible to obtain the maximum certified performances even with cracked concrete

CODES AND DIMENSIONS

CODE	description	length		pcs
		[mm]	[in]	
CAT500	compressed air tool	500	19 3/4	1



PUMP SPRAY

ELECTRIC AIRLESS SPRAYER

SPEED AND EFFICIENCY

Simple spray application enables fast work, even in hard-to-reach areas.

TRANSPARENT SUCTION SYSTEM

Easy to use and clean. Suitable for spraying solvent- or water-based paints.

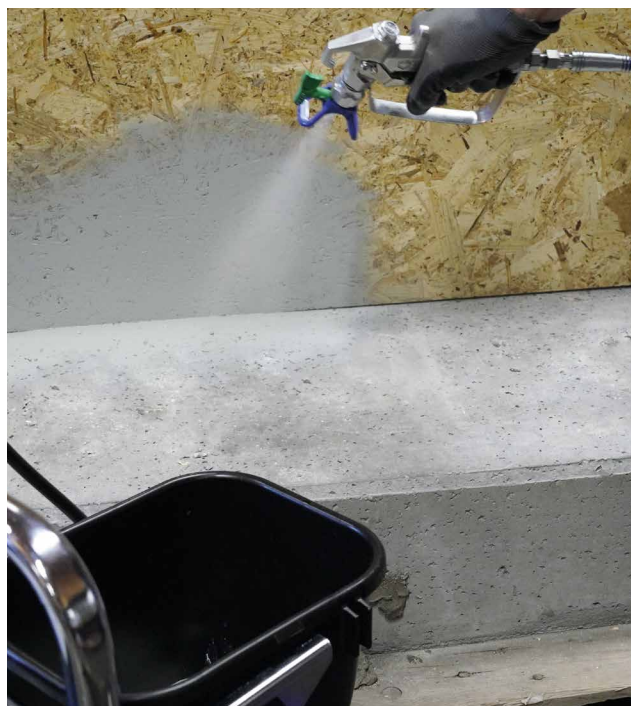


CODES AND DIMENSIONS

CODE	description	version	pcs
PUMPSPRAY240	electric airless pump	240 V cable	1

TECHNICAL DATA

Properties	values
Max. operating pressure	207 bar 3000 psi
Max. capacity	1,4 lpm
Max. nozzle size - 1 gun	0,021"
Flexible	3/16" x 7,5 m +39 / +115°F
Operating temperature	+4/+46°C
Weight	14,0 kg 30.9 lbs



DRILL BITS AND CUTTERS

DRILL BITS AND CUTTERS

LEWIS

TWIST DRILL BITS FOR DEEP DRILLING
IN SOFT AND EUROPEAN HARDWOODS236

LEWIS STECK

CUTTER FOR TWIST DRILL BITS
WITH SHANK Ø13 mm238

SNAIL CV

UNIVERSAL WOOD DRILL BIT239

SNAIL HSS

TWIST DRILL BITS FOR HARDWOOD,
MELAMINE-FACED BOARDS AND OTHER MATERIALS240

BORMAX GUIDE

PRECISION CUTTER FOR TIMBER241

SNAIL ALU-WOOD

DRILL BIT FOR PRECISE HOLES IN
TIMBER-TO-METAL CONNECTIONS242

SNAIL METAL

HSS HIGH-SPEED STEEL TWIST DRILL BIT242

BORMAX 2.0 WS

FOR SOFT WOOD, EUROPEAN HARD WOOD,
FIBRE BOARDS AND MDF AND OTHER MATERIALS243

BORMAX 3.0 HM

UNIVERSAL MULTIPURPOSE DRILL BIT,
ALSO FOR EXOTIC HARD TIMBERS, MELAMINE-LINED
PANELS AND OTHERS MATERIALS244

TAPCUT

MILLING CUTTER TO MAKE TIMBER CAPS245

CATCH

SCREWING DEVICE246

BROAD

COUNTERBORE CUTTER FOR KKT, KKZ, KKA SCREWS247

DRILL STOP

SET OF DRILL BITS AND COUNTERBORE
CUTTER WITH SWIVEL DEPTH STOP247

SNAIL PULSE

CARBIDE DRILL BIT IN HM
WITH SDS-PLUS DRILL CHUCK SHANK248

DUHXA

HOLLOW DUST EXTRACTION DRILL BIT FOR CONCRETE
WITH SDS-MAX SHANK249

COLUMN

RIGID AND INCLINED DRILLING COLUMN250

CUTTERS251

LB HOLE CUTTER

FOR TIMBER AND TIMBER-LIKE MATERIALS252

HSS HOLE CUTTER

FOR CUTTING VENTILATION DUCTS
IN TRUSSES255

LH CUTTER

HM HOLE CUTTERS256

LFA CUTTER

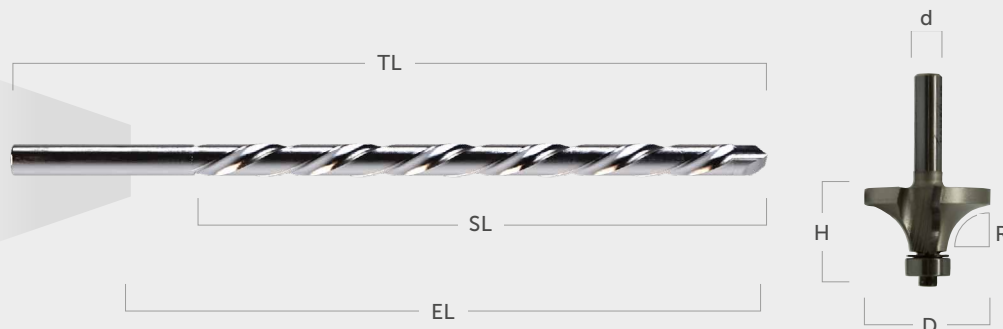
FOR TIMBER FIBRE INSULATION PANELS257

PUMPSHANK

QUICK EJECTION SYSTEM257

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

CUTTING EDGES

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

SHANK CONNECTION

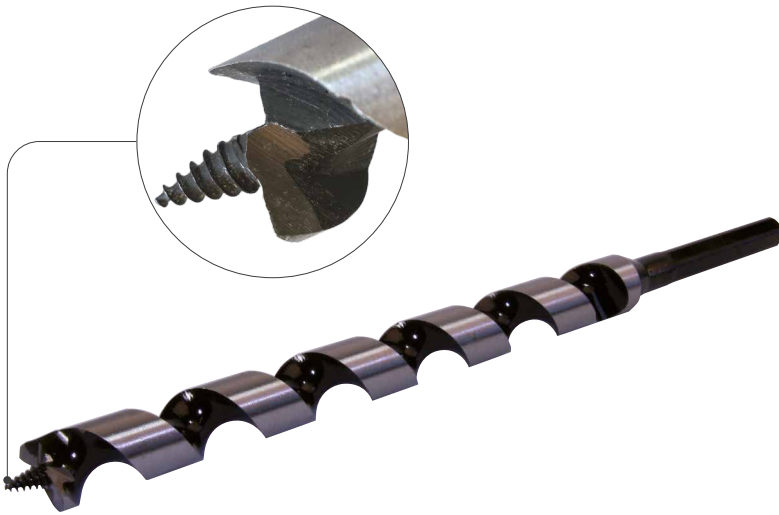
Version with independent head and hex shank (starting from Ø8 mm).

QUALITY MATERIAL

Made of specific alloy steel for tools (WS).

LONG HOLES

Drilling over 2 metres is possible with the two long versions (Ø13 mm and Ø16 mm), ideal for installing RTR threaded rods.



CODES AND DIMENSIONS

CODE	Ø tip		Ø shank		TL		SL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1410205	5	0.197	4,5	3/16	235	9 1/4	160	6 1/4	1
F1410206	6	0.236	5,5	7/32	235	9 1/4	160	6 1/4	1
F1410207	7	0.276	6,5	1/4	235	9 1/4	160	6 1/4	1
F1410208	8	0.315	7,8	5/16	235	9 1/4	160	6 1/4	1
F1410210	10	0.394	9,8	3/8	235	9 1/4	160	6 1/4	1
F1410212	12	0.472	11,8	7/16	235	9 1/4	160	6 1/4	1
F1410214	14	0.551	13	1/2	235	9 1/4	160	6 1/4	1
F1410216	16	0.630	13	1/2	235	9 1/4	160	6 1/4	1
F1410218	18	0.709	13	1/2	235	9 1/4	160	6 1/4	1
F1410220	20	0.787	13	1/2	235	9 1/4	160	6 1/4	1
F1410222	22	0.866	13	1/2	235	9 1/4	160	6 1/4	1
F1410224	24	0.945	13	1/2	235	9 1/4	160	6 1/4	1
F1410228	28	1.102	13	1/2	235	9 1/4	160	6 1/4	1
F1410230	30	1.181	13	1/2	235	9 1/4	160	6 1/4	1
F1410232	32	1.260	13	1/2	235	9 1/4	160	6 1/4	1
F1410242	42	1.654	13	1/2	235	9 1/4	160	6 1/4	1

CODE	Ø tip		Ø shank		TL		SL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1410305	5	0.197	4,5	3/16	320	12 5/8	255	10 1/16	1
F1410306	6	0.236	5,5	7/32	320	12 5/8	255	10 1/16	1
F1410307	7	0.276	6,5	1/4	320	12 5/8	255	10 1/16	1
F1410308	8	0.315	7,8	5/16	320	12 5/8	255	10 1/16	1
F1410309	9	0.354	8	5/16	320	12 5/8	255	10 1/16	1
F1410310	10	0.394	9,8	3/8	320	12 5/8	255	10 1/16	1
F1410312	12	0.472	11,8	7/16	320	12 5/8	255	10 1/16	1
F1410314	14	0.551	13	1/2	320	12 5/8	255	10 1/16	1
F1410316	16	0.630	13	1/2	320	12 5/8	255	10 1/16	1
F1410318	18	0.709	13	1/2	320	12 5/8	255	10 1/16	1
F1410320	20	0.787	13	1/2	320	12 5/8	255	10 1/16	1
F1410322	22	0.866	13	1/2	320	12 5/8	255	10 1/16	1
F1410324	24	0.945	13	1/2	320	12 5/8	255	10 1/16	1
F1410326	26	1.024	13	1/2	320	12 5/8	255	10 1/16	1
F1410328	28	1.102	13	1/2	320	12 5/8	255	10 1/16	1
F1410330	30	1.181	13	1/2	320	12 5/8	255	10 1/16	1
F1410332	32	1.260	13	1/2	320	12 5/8	255	10 1/16	1

CODE	Ø tip		Ø shank		TL		SL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1410405	5	0.197	4,5	3/16	460	18 1/8	380	15	1
F1410406	6	0.236	5,5	7/32	460	18 1/8	380	15	1
F1410407	7	0.276	6,5	1/4	460	18 1/8	380	15	1
F1410408	8	0.315	7,8	5/16	460	18 1/8	380	15	1
F1410409	9	0.354	8,0	5/16	460	18 1/8	380	15	1
F1410410	10	0.394	9,8	3/8	460	18 1/8	380	15	1
F1410412	12	0.472	11,8	7/16	460	18 1/8	380	15	1
F1410414	14	0.551	13	1/2	460	18 1/8	380	15	1
F1410416	16	0.630	13	1/2	460	18 1/8	380	15	1
F1410418	18	0.709	13	1/2	460	18 1/8	380	15	1
F1410420	20	0.787	13	1/2	460	18 1/8	380	15	1
F1410422	22	0.866	13	1/2	460	18 1/8	380	15	1
F1410424	24	0.945	13	1/2	460	18 1/8	380	15	1
F1410426	26	1.024	13	1/2	460	18 1/8	380	15	1
F1410428	28	1.102	13	1/2	460	18 1/8	380	15	1
F1410430	30	1.181	13	1/2	460	18 1/8	380	15	1
F1410432	32	1.260	13	1/2	460	18 1/8	380	15	1
F1410440	40	1.575	13	1/2	460	18 1/8	380	15	1
F1410450	50	1.969	13	1/2	460	18 1/8	380	15	1
F1410612	12	0.472	11,8	7/16	650	25 9/16	535	21 1/16	1
F1410614	14	0.551	13	1/2	650	25 9/16	535	21 1/16	1
F1410616	16	0.630	13	1/2	650	25 9/16	535	21 1/16	1
F1410618	18	0.709	13	1/2	650	25 9/16	535	21 1/16	1

CODE	Ø tip		Ø shank		TL		SL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1410620	20	0.787	13	1/2	650	25 9/16	535	21 1/16	1
F1410622	22	0.866	13	1/2	650	25 9/16	535	21 1/16	1
F1410624	24	0.945	13	1/2	650	25 9/16	535	21 1/16	1
F1410626	26	1.024	13	1/2	650	25 9/16	535	21 1/16	1
F1410628	28	1.102	13	1/2	650	25 9/16	535	21 1/16	1
F1410630	30	1.181	13	1/2	650	25 9/16	535	21 1/16	1
F1410632	32	1.260	13	1/2	650	25 9/16	535	21 1/16	1
F1410014	14	0.551	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410016	16	0.630	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410018	18	0.709	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410020	20	0.787	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410022	22	0.866	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410024	24	0.945	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410026	26	1.024	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410028	28	1.102	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410030	30	1.181	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410032	32	1.260	13	1/2	1080	42 1/2	1010	39 3/4	1
F1410134	34	1.339	13	1/2	1000	39 3/8	535	21 1/16	1
F1410136	36	1.417	13	1/2	1000	39 3/8	535	21 1/16	1
F1410138	38	1.496	13	1/2	1000	39 3/8	535	21 1/16	1
F1410140	40	1.575	13	1/2	1000	39 3/8	535	21 1/16	1
F1410145	45	1.772	13	1/2	1000	39 3/8	535	21 1/16	1
F1410150	50	1.969	13	1/2	1000	39 3/8	535	21 1/16	1

LEWIS - LONG

CODE	Ø tip		Ø shank		TL		SL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1416213	13	0.512	13	1/2	2280	89 3/4	2200	86 5/8	1
F1416216	16	0.630	13	1/2	2280	89 3/4	2200	86 5/8	1

LEWIS - INCH

CODE	Ø tip		Ø shank		TL		SL		pcs
	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	
F1416510	3/8	9,53	0.354	9	18 1/2	460	15	380	1
F1416512	7/16	11,11	0.433	11	18 1/2	460	15	380	1
F1416513	1/2	12,70	0.472	12	18 1/2	460	15	380	1
F1416515	9/16	14,29	0.512	13	18 1/2	460	15	380	1
F1416516	5/8	15,88	0.512	13	18 1/2	460	15	380	1
F1416518	11/16	17,46	0.512	13	18 1/2	460	15	380	1
F1416520	3/4	19,05	0.512	13	18 1/2	460	15	380	1
F1416521	13/16	20,64	0.512	13	18 1/2	460	15	380	1
F1416523	7/8	22,23	0.512	13	18 1/2	460	15	380	1
F1416524	15/16	23,81	0.512	13	18 1/2	460	15	380	1
F1416526	1	25,40	0.512	13	18 1/2	460	15	380	1
F1416529	1-1/8	28,58	0.512	13	18 1/2	460	15	380	1
F1416532	1-1/4	31,75	0.512	13	18 1/2	460	15	380	1
F1416535	1-3/8	34,93	0.512	13	18 1/2	460	15	380	1
F1416539	1-1/2	38,10	0.512	13	18 1/2	460	15	380	1

LEWIS - SET

CODES AND DIMENSIONS

CODE	Ø set	TL		SL		pcs
	[mm]	[mm]	[in]	[mm]	[in]	
F1410200	6, 8, 10, 12, 14, 16, 18, 20	235	9 1/4	160	6 1/4	1
F1410303	10, 12, 14, 16, 18, 20, 22, 24	320	12 5/8	255	10 1/16	1
F1410403	10, 12, 14, 16, 18, 20, 22, 24	460	18 1/8	380	15	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 a single operation in combination with LEWIS bits with 13 mm shank.



CODES AND DIMENSIONS

CODE	Ø external		Ø internal		TL		SL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1411040	40	1 9/16	13	1/2	30	1 3/16	30	1 3/16	1
F1411050	50	1 15/16	13	1/2	30	1 3/16	30	1 3/16	1
F1411060	60	2 3/8	13	1/2	30	1 3/16	30	1 3/16	1
F1411070	70	2 3/4	13	1/2	30	1 3/16	30	1 3/16	1

SNAIL CV

UNIVERSAL WOOD DRILL BIT

OPTIMISED CUTTING PROFILE

With a centring tip, double cutting edge and peripheral cutters.

WIDE RANGE OF APPLICATIONS

For dimensionally stable drilling in softwoods and certain European hardwoods.



CODES AND DIMENSIONS

CODE	Ø tip		Ø shank		TL		SL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F3500030	3	0.118	3	0.118	61	2 3/8	33	1 5/16	1
F3500040	4	0.157	4	0.157	75	2 15/16	43	1 11/16	1
F3500050	5	0.197	5	0.197	86	3 3/8	52	2 1/16	1
F3500060	6	0.236	6	0.236	93	3 11/16	57	2 1/4	1
F3500070	7	0.276	7	0.276	109	4 5/16	69	2 11/16	1
F3500080	8	0.315	8	0.315	117	4 5/8	75	2 15/16	1
F3500090	9	0.354	9	0.354	120	4 3/4	80	3 1/8	1
F3500100	10	0.394	10	0.394	129	5 1/16	87	3 7/16	1
F3500110	11	0.433	10	0.394	142	5 9/16	89	3 1/2	1
F3500120	12	0.472	10	0.394	151	5 15/16	96	3 3/4	1
F3500130	13	0.512	10	0.394	151	5 15/16	96	3 3/4	1
F3500140	14	0.551	10	0.394	151	5 15/16	96	3 3/4	1
F3500150	15	0.591	10	0.394	160	6 1/4	100	4	1
F3500160	16	0.630	10	0.394	160	6 1/4	100	4	1
F3500180	18	0.709	10	0.394	180	7 1/8	130	5 1/8	1
F3500200	20	0.787	10	0.394	200	8	140	5 1/2	1
F3500220	22	0.866	13	0.512	210	8 1/4	140	5 1/2	1
F3500240	24	0.945	13	0.512	215	8 7/16	140	5 1/2	1
F3500250	25	0.984	13	0.512	215	8 7/16	140	5 1/2	1
F3500260	26	1.024	13	0.512	215	8 7/16	145	5 11/16	1
F3500280	28	1.102	13	0.512	220	8 5/8	145	5 11/16	1
F3500300	30	1.181	13	0.512	220	8 5/8	145	5 11/16	1



SNAIL CV - SET

CODES AND DIMENSIONS

CODE	description	pcs
1 F3501505	set of 5 pieces in plastic box Ø 4, 5, 6, 8, 10 mm	1
2 F3501508	set of 8 pieces in plastic box Ø 3, 4, 5, 6, 7, 8, 9, 10 mm	1



1



2

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 tip		Ø shank		TL		SL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1594020	2	0.079	2	0.079	49	1 15/16	22	7/8	1
F1594030	3	0.118	3	0.118	60	2 3/8	33	1 5/16	1
F1594040	4	0.157	4	0.157	75	2 15/16	43	1 11/16	1
F1594050	5	0.197	5	0.197	85	3 3/8	52	2 1/16	1
F1594060	6	0.236	6	0.236	92	3 5/8	57	2 1/4	1
F1594080	8	0.315	8	0.315	115	4 1/2	75	2 15/16	1
F1594090	9	0.354	9	0.354	125	4 15/16	81	3 3/16	1
F1594100	10	0.394	10	0.394	130	5 1/8	87	3 7/16	1
F1594110	11	0.433	11	0.433	140	5 1/2	94	3 11/16	1
F1594120	12	0.472	12	0.472	150	6	114	4 1/2	1
F1599205	5	0.197	5	0.197	250	10	180	7 1/8	1
F1599206	6	0.236	6	0.236	250	10	180	7 1/8	1
F1599207	7	0.276	7	0.276	250	10	180	7 1/8	1
F1599208	8	0.315	8	0.315	250	10	180	7 1/8	1
F1599209	9	0.354	9	0.354	250	10	180	7 1/8	1
F1599210	10	0.394	10	0.394	250	10	180	7 1/8	1
F1599212	12	0.472	12	0.472	250	10	180	7 1/8	1
F1599214	14	0.551	13	0.512	250	10	180	7 1/8	1
F1599216	16	0.630	13	0.512	250	10	180	7 1/8	1
F1599605	5	0.197	5	0.197	460	18 1/8	380	15	1
F1599606	6	0.236	6	0.236	460	18 1/8	380	15	1
F1599607	7	0.276	7	0.276	460	18 1/8	380	15	1
F1599608	8	0.315	8	0.315	460	18 1/8	380	15	1
F1599609	9	0.354	9	0.354	460	18 1/8	380	15	1
F1599610	10	0.394	10	0.394	460	18 1/8	380	15	1
F1599612	12	0.472	12	0.472	460	18 1/8	380	15	1
F1599614	14	0.551	13	0.512	460	18 1/8	380	15	1
F1599616	16	0.630	13	0.512	460	18 1/8	380	15	1

Other dimensions available on request.



SNAIL HSS - INCH

CODE	Ø tip		Ø shank		TL	SL		pcs	
	[in]	[mm]	[in]	[mm]		[mm]	[in]		
F1594312	1/8	3,17	1/8	3,17	2 9/16	65	1 7/16	36	1
F1594318	3/16	4,76	3/16	4,76	3 3/8	86	2 1/16	52	1
F1594325	1/4	6,35	1/4	6,35	4	101	2 1/2	63	1
F1594331	5/16	7,94	5/16	7,94	4 5/8	117	3	75	1
F1594337	3/8	9,53	3/8	9,53	4 15/16	125	3 3/16	81	1
F1594343	7/16	11,11	3/8	9,53	5 9/16	142	3 11/16	94	1
F1594350	1/2	12,7	3/8	9,53	5 15/16	151	4	101	1
F1594307	set 7 pcs: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2"								1

SNAIL HSS - SET

CODES AND DIMENSIONS

CODE	description	pcs
1 F1594835	set of 5 pieces in plastic box Ø 3, 4, 5, 6, 8 mm	1
2 F1594819	set of 19 pieces in plastic box Ø 1–10 mm, increments of 0.5 mm	1
3 F1599510	set of 10 pieces in timber box Ø 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 mm	1
4 F1594307	7-piece HSS-G INCH bit set: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2"	1

BORMAX GUIDE

PRECISION CUTTER FOR TIMBER

CODES AND DIMENSIONS

CODE	Ø cutter		Ø inside hole for centring		Ø shank		TL		EL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1614020	20	0.79	8	5/16	13	1/2	140	5 1/2	90	3 1/2	1
F1614025	25	0.98	8	5/16	13	1/2	140	5 1/2	90	3 1/2	1
F1614030	30	1.18	8	5/16	13	1/2	140	5 1/2	90	3 1/2	1
F1614035	35	1.38	8	5/16	13	1/2	145	5 11/16	95	3 3/4	1
F1614040	40	1.58	10	3/8	13	1/2	145	5 11/16	95	3 3/4	1
F1614045	45	1.77	10	3/8	13	1/2	150	6	100	4	1
F1614050	50	1.97	10	3/8	13	1/2	150	6	100	4	1
F1614055	55	2.17	10	3/8	13	1/2	150	6	100	4	1
F1614060	60	2.36	10	3/8	13	1/2	150	6	100	4	1
F1614065	65	2.56	10	3/8	13	1/2	155	6 1/8	105	4 1/8	1
F1614070	70	2.76	10	3/8	13	1/2	155	6 1/8	105	4 1/8	1
F1614075	75	2.95	10	3/8	13	1/2	155	6 1/8	105	4 1/8	1
F1614080	80	3.15	10	3/8	13	1/2	155	6 1/8	105	4 1/8	1
F1614100	100	3.94	10	3/8	16	5/8	160	6 1/4	110	4 3/8	1
F1614110	110	4.33	10	3/8	16	5/8	160	6 1/4	110	4 3/8	1
F1614120	120	4.72	10	3/8	16	5/8	160	6 1/4	110	4 3/8	1

Including a centering drill bit and a hexagonal wrench.

DRILL BIT FOR PRE-DRILLING

CODE	Ø shank	for cutters with Ø	TL	EL	pcs
	[mm] [in]	[mm] [in]	[mm] [in]	[mm] [in]	
F1614208	8 5/16	20 - 35 0.79 - 1.38	75 3	50 2	1
F1614210	10 3/8	40 - 120 1.58 - 4.72	75 3	50 2	1

CENTERING DRILL BIT

CODE	Ø	Ø shank	for cutters with Ø	pcs
	[mm] [in]	[mm] [in]	[mm] [in]	
F1619208	3,15 0.12	8 5/16	20 - 35 0.79 - 1.38	1
F1619210	4,0 0.16	10 3/8	40 - 120 1.58 - 4.72	1

GUIDING PIN

CODE	Ø	Ø shank	for cutters with Ø	TL	EL	pcs			
	[mm] [in]	[mm]	[mm] [in]	[mm] [in]	[mm] [in]				
F1619008	8	0.32	20 - 35	0.79 - 1.38	75	3	50	2	1
F1619110	10	0.39	20 - 35	0.79 - 1.38	75	3	50	2	1
F1619112	12	0.47	20 - 35	0.79 - 1.38	75	3	50	2	1
F1619114	14	0.55	20 - 35	0.79 - 1.38	75	3	50	2	1
F1619116	16	0.63	20 - 35	0.79 - 1.38	75	3	50	2	1
F1619118	18	0.71	20 - 35	0.79 - 1.38	75	3	50	2	1
F1619120	20	0.79	20 - 35	0.79 - 1.38	75	3	50	2	1
F1619012	12	0.47	40 - 120	1.58 - 4.72	75	3	50	2	1
F1619014	14	0.55	40 - 120	1.58 - 4.72	75	3	50	2	1
F1619016	16	0.63	40 - 120	1.58 - 4.72	75	3	50	2	1
F1619018	18	0.71	40 - 120	1.58 - 4.72	75	3	50	2	1
F1619020	20	0.79	40 - 120	1.58 - 4.72	75	3	50	2	1

DEPTH STOP

CODE	for cutters with Ø	Ø internal	pcs
	[mm] [in]	[mm] [in]	
F1619100	40 - 90 0.79 - 3.54	95 3 3/4	1



TL total length

EL effective length



SNAIL ALU-WOOD

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

SINGLE PROCESSING

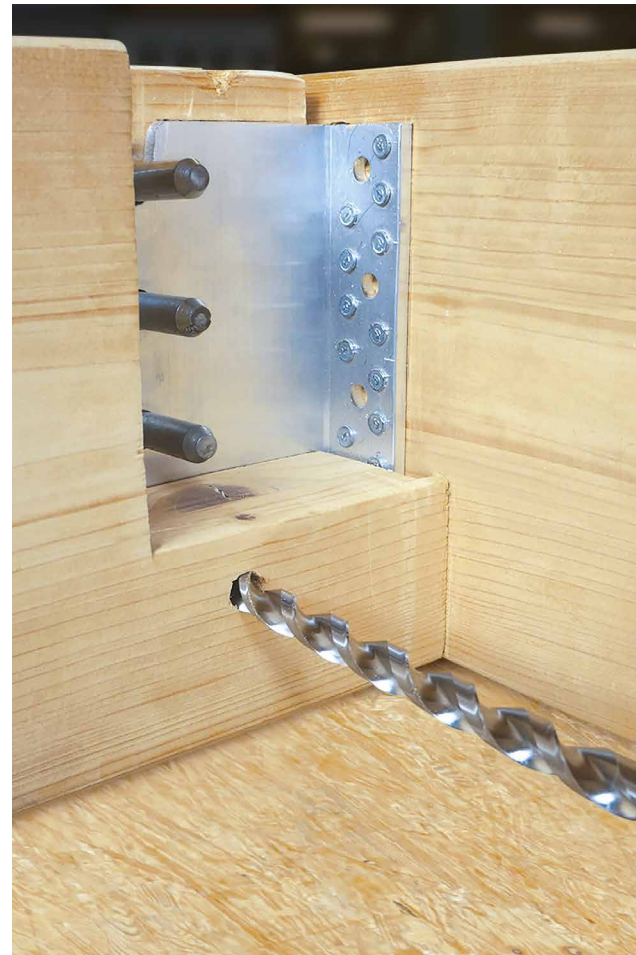
Special step drill with special geometry that perforates timber and steel in a single operation.

It is strongly recommended to perform drilling strictly with a guide.



CODES AND DIMENSIONS

CODE	Ø tip		TL		EL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	
AT4000	8	0.315	300	11 3/4	220	8 5/8	1
AT4005	10	0.394	300	11 3/4	220	8 5/8	1
AT4010	12	0.472	300	11 3/4	220	8 5/8	1
AT4015	16	0.630	340	13 3/8	270	10 5/8	1
AT4020	20	0.787	340	13 3/8	270	10 5/8	1



SNAIL METAL

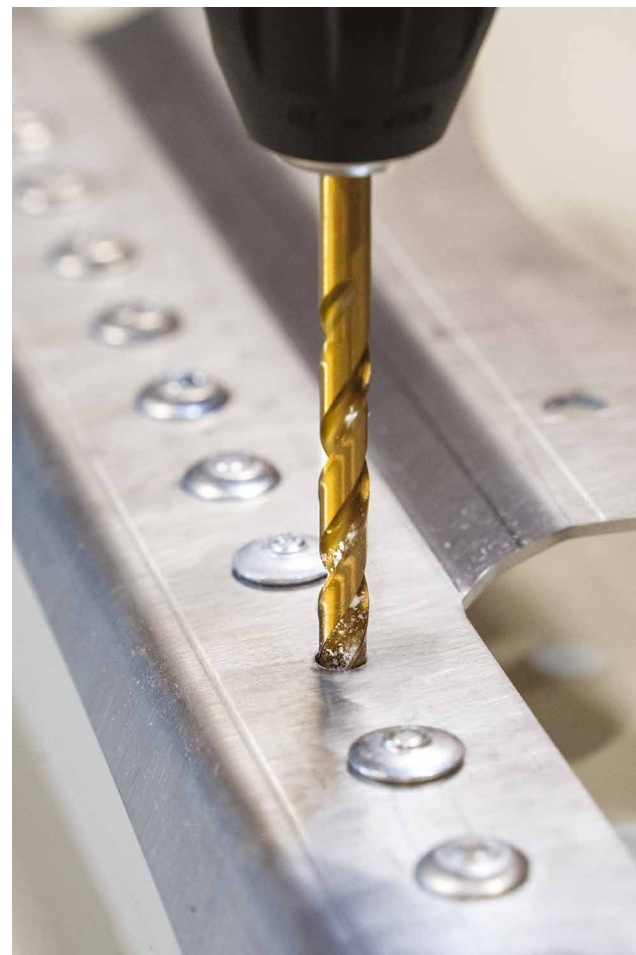
HSS HIGH-SPEED STEEL TWIST DRILL BIT

- Super-rapid steel drill bits for drilling holes in metal structures



CODES AND DIMENSIONS

CODE	Ø		TL		EL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F2599103	3	0.118	150	6	100	4	1
F2599104	4	0.157	150	6	100	4	1
F2599105	5	0.197	150	6	100	4	1
F2599106	6	0.236	150	6	100	4	1
F2599107	7	0.276	150	6	100	4	1
F2599108	8	0.315	150	6	100	4	1
F2599109	9	0.354	150	6	100	4	1
F2599110	10	0.394	150	6	100	4	1
F2599111	11	0.433	150	6	100	4	1
F2599212	12	0.472	250	10	200	8	1
F2599213	13	0.512	250	10	200	8	1
F2599216	16	0.630	250	10	200	8	1



BORMAX 2.0 WS

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



TL total length
EL effective length



CODES AND DIMENSIONS

CODE	Ø tip		Ø shank		TL		EL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1622010	10	0.394	8	0.315	90	3 1/2	57	2 1/4	1
F1622015	15	0.591	8	0.315	90	3 1/2	57	2 1/4	1
F1622020	20	0.787	8	0.315	90	3 1/2	57	2 1/4	1
F1622025	25	0.984	10	0.394	90	3 1/2	57	2 1/4	1
F1622030	30	1.181	10	0.394	90	3 1/2	57	2 1/4	1
F1622035	35	1.378	10	0.394	90	3 1/2	57	2 1/4	1
F1622040	40	1.575	10	0.394	90	3 1/2	57	2 1/4	1
F1622045	45	1.772	10	0.394	90	3 1/2	57	2 1/4	1
F1622050	50	1.969	10	0.394	90	3 1/2	57	2 1/4	1
F1622055	55	2.165	13	0.512	90	3 1/2	57	2 1/4	1
F1622060	60	2.362	13	0.512	90	3 1/2	57	2 1/4	1

BORMAX 2.0 WS - SET

TIMBER BOX

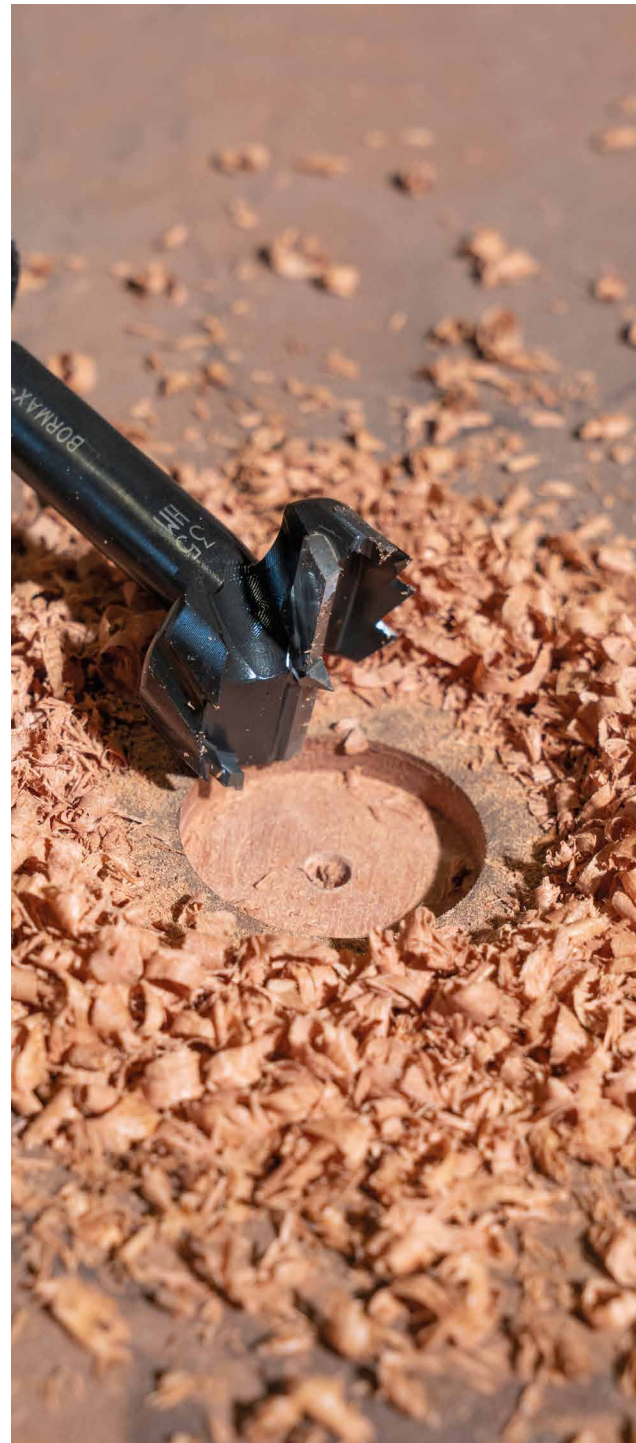
CODES AND DIMENSIONS

CODE	Ø set [mm]	TL		EL		pcs
		[mm]	[in]	[mm]	[in]	
1 F1622505	15, 20, 25, 30, 35	90	3 1/2	57	2 1/4	1
2 F1622508	15, 20, 25, 30, 35, 40, 45, 50	90	3 1/2	57	2 1/4	1



BORMAX 3.0 HM

UNIVERSAL MULTIPURPOSE DRILL BIT, ALSO FOR EXOTIC HARD TIMBERS, MELAMINE-LINED PANELS AND OTHERS MATERIALS



CODES AND DIMENSIONS

CODE	Ø external		Ø shank		TL		EL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1663015	15	0.591	8	0.315	90	3 1/2	57	2 1/4	1
F1663020	20	0.787	8	0.315	90	3 1/2	57	2 1/4	1
F1663025	25	0.984	10	0.394	90	3 1/2	57	2 1/4	1
F1663030	30	1.181	10	0.394	90	3 1/2	57	2 1/4	1
F1663035	35	1.378	10	0.394	90	3 1/2	57	2 1/4	1
F1663040	40	1.575	10	0.394	90	3 1/2	57	2 1/4	1
F1663045	45	1.772	10	0.394	90	3 1/2	57	2 1/4	1
F1663050	50	1.969	13	0.512	90	3 1/2	57	2 1/4	1

BORMAX 3.0 HM - SET

IN TIMBER BOX

CODES AND DIMENSIONS

	CODE	Ø set	TL		EL		pcs
		[mm]	[mm]	[in]	[mm]	[in]	
1	F1663505	15, 20, 25, 30, 35	90	3 1/2	57	2 1/4	1
2	F1663504	35, 40, 45, 50	90	3 1/2	57	2 1/4	1



TAPCUT

MILLING CUTTER TO MAKE TIMBER CAPS

FOR LONG CAPS

Useful cap length max. 70 mm.

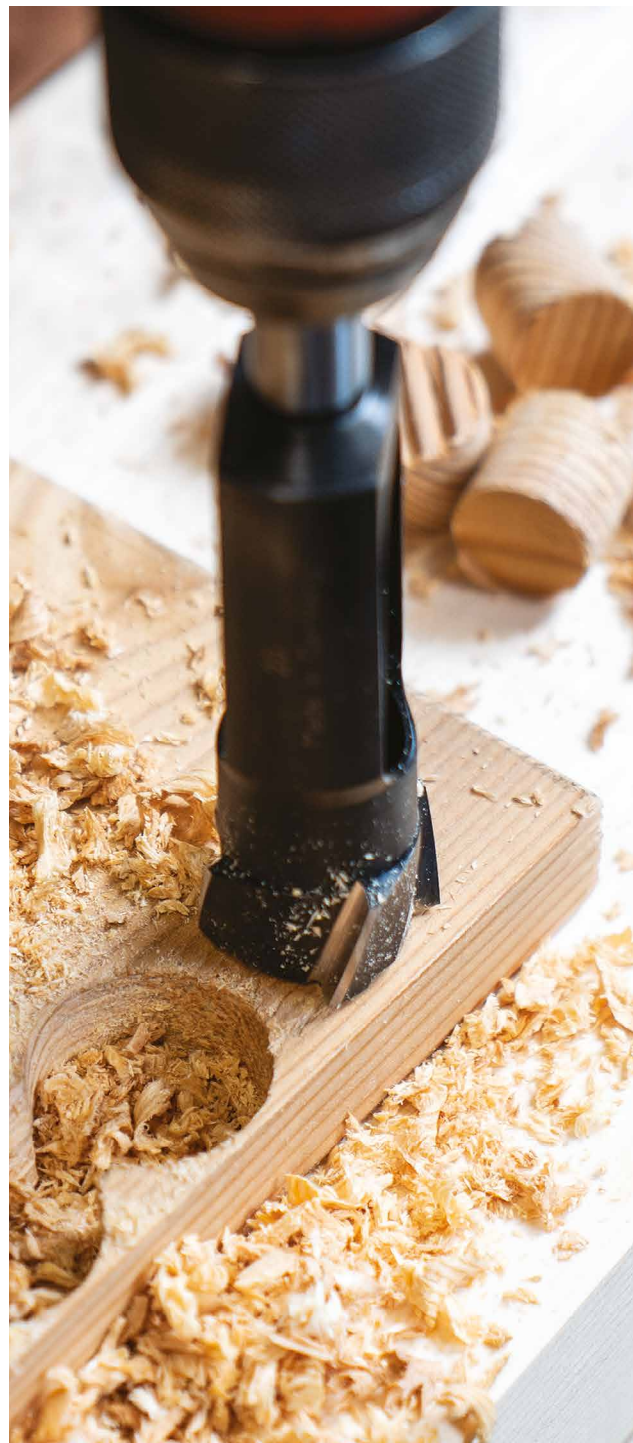
MATERIAL

Made of specific alloy steel for WS tools.



CODES AND DIMENSIONS

CODE	Ø internal		Ø shank		TL		EL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1616010	10	0.394	13	1/2	140	5 1/2	70	2 3/4	1
F1616015	15	0.591	13	1/2	140	5 1/2	70	2 3/4	1
F1616020	20	0.787	13	1/2	140	5 1/2	70	2 3/4	1
F1616025	25	0.984	13	1/2	140	5 1/2	70	2 3/4	1
F1616030	30	1.181	13	1/2	140	5 1/2	70	2 3/4	1
F1616035	35	1.378	13	1/2	140	5 1/2	70	2 3/4	1
F1616040	40	1.575	16	5/8	140	5 1/2	70	2 3/4	1
F1616045	45	1.772	16	5/8	140	5 1/2	70	2 3/4	1
F1616050	50	1.969	16	5/8	140	5 1/2	70	2 3/4	1



TAPCUT - SET

IN TIMBER BOX

CODES AND DIMENSIONS

CODE	description	Ø internal		EL		pcs
		[mm]	[in]	[mm]	[in]	
F1628306	disc cutter + Bormax set	15, 20, 25	0.591; 0.787; 0.984	70 - 57	2 3/4 - 2 1/4	1



CATCH

SCREWING DEVICE

REDUCED STRESS

CATCH allows even the longest screws to be driven quickly and securely, reducing the risk of bit slippage.

DIFFICULT CORNERS

Particularly useful for screw-driving in corners where the applied force is restricted.



CODES AND DIMENSIONS

CODE	L		Ø		weight		pcs
	[mm]	[in]	[mm]	[in]	[g]	[lbs]	
CATCH	210	8 1/4	41,5	1 5/8	630	1.4	1
CATCHL	207	8 1/8	46	1 13/16	680	1.5	1

VIDEO

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



TECHNICAL DATA

	CATCH	CATCHL
Machine support	SW 11,5 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 0.32 in VGS (countersunk head) Ø9 mm 0.36 in VGZ (cylindrical head) Ø9 mm 0.36 in	HBS (countersunk head) Ø10 - Ø12 mm 0.40 - 0.48 in VGS (countersunk head) Ø11 mm 0.44 in VGS (countersunk head) Ø13 mm 0.52 in

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

BROAD

COUNTERBORE CUTTER FOR KKT, KKZ, KKA SCREWS

- Suitable for pre-drilling and countersinking terrace screws

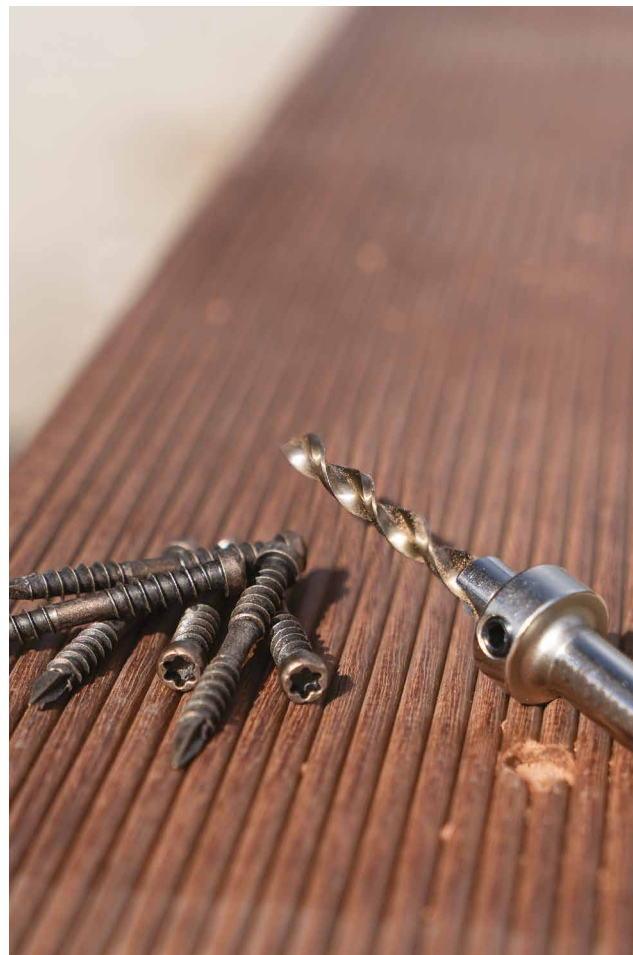


CODES AND DIMENSIONS

CODE	Ø tip		Ø counterbore cutter		L drill bit		TL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
BROAD1	4	0.16	6,5	0.26	41	1 5/8	75	3	1
BROAD2	6	0.24	9,5	0.37	105	4 1/8	150	6	1

ADDITIONAL PRODUCTS - SPARE BITS

CODE	spare	pcs
F1594040	spare bit Ø 4 mm 0.16" for BROAD1	1
F1599106	spare bit Ø 6 mm 0.24" for BROAD2	1



DRILL STOP

SET OF DRILL BITS AND COUNTERBORE CUTTER WITH SWIVEL DEPTH STOP

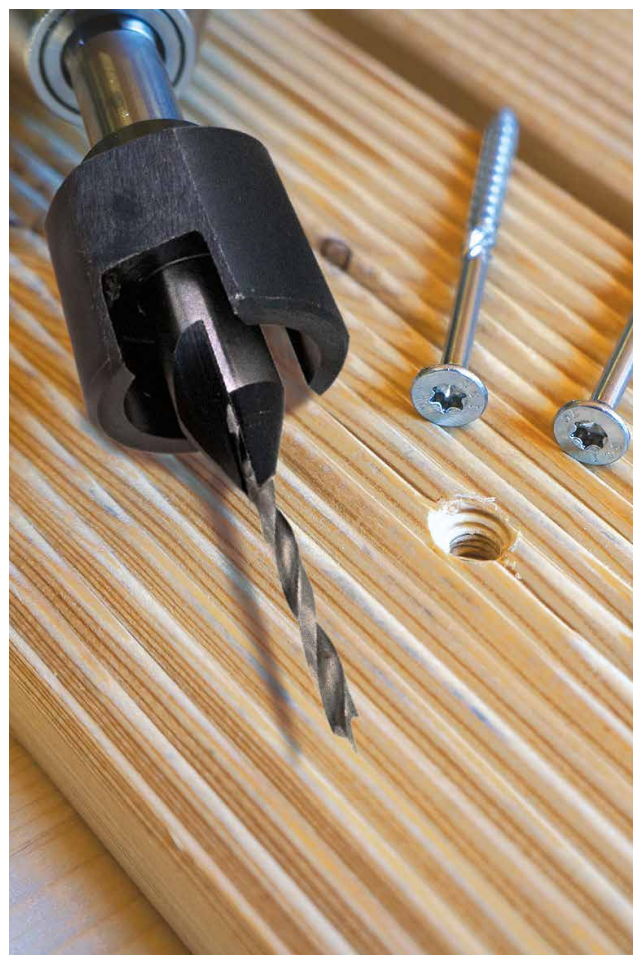
- For drilling and countersinking in a single operation by checking the depth



F3577504

CODES AND DIMENSIONS

CODE	Ø tip		Ø counterbore cutter		pcs
	[mm]	[in]	[mm]	[in]	
F3577030	3	0.12	12	0.47	1
F3577040	4	0.16	12	0.47	1
F3577050	5	0.20	12	0.47	1
F3577504	set 3, 4, 5		12	0.47	1



SNAIL PULSE

CARBIDE DRILL BIT IN HM WITH SDS-PLUS DRILL CHUCK SHANK

- For drilling concrete, reinforced concrete, masonry and natural stone
- The 4 spiral HM cutting edges ensure rapid forward movement



CODES AND DIMENSIONS

CODE	Ø tip		TL		EL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	
DUHPV505	5	0.197	115	4 1/2	50	2	1
DUHPV510	5	0.197	165	6 1/2	100	4	1
DUHPV605	6	0.236	115	4 1/2	50	2	1
DUHPV610	6	0.236	165	6 1/2	100	4	1
DUHPV615	6	0.236	215	8 7/16	150	6	1
DUHPV810	8	0.315	165	6 1/2	100	4	1
DUHPV815	8	0.315	215	8 7/16	150	6	1
DUHPV820	8	0.315	265	10 7/16	200	8	1
DUHPV840	8	0.315	465	18 5/16	400	15 3/4	1
DUHPV1010	10	0.394	165	6 1/2	100	4	1
DUHPV1015	10	0.394	215	8 7/16	150	6	1
DUHPV1020	10	0.394	265	10 7/16	200	8	1
DUHPV1040	10	0.394	455	17 15/16	390	15 3/8	1
DUHPV1210	12	0.472	160	6 1/4	110	4 3/8	1
DUHPV1215	12	0.472	210	8 1/4	160	6 1/4	1
DUHPV1220	12	0.472	260	10 1/4	210	8 1/4	1
DUHPV1240	12	0.472	450	17 3/4	400	15 3/4	1
DUHPV1410	14	0.551	160	6 1/4	110	4 3/8	1
DUHPV1420	14	0.551	260	10 1/4	210	8 1/4	1
DUHPV1440	14	0.551	450	17 3/4	400	15 3/4	1
DUHPV1625	16	0.630	310	12 3/16	260	10 1/4	1
DUHPV1640	16	0.630	450	17 3/4	400	15 3/4	1
DUHPV1820	18	0.709	250	10	200	8	1
DUHPV1840	18	0.709	450	17 3/4	400	15 3/4	1
DUHPV2020	20	0.787	250	10	200	8	1
DUHPV2040	20	0.787	450	17 3/4	400	15 3/4	1
DUHPV2240	22	0.866	450	17 3/4	400	15 3/4	1
DUHPV2440	24	0.945	450	17 3/4	400	15 3/4	1
DUHPV2540(*)	25	0.984	450	17 3/4	400	15 3/4	1
DUHPV2840(*)	28	1.102	450	17 3/4	400	15 3/4	1
DUHPV3040(*)	30	1.181	450	17 3/4	400	15 3/4	1

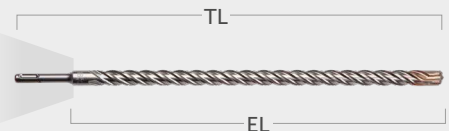
(*)Only for DUP26C and DUP26SDS.

SNAIL PULSE SET

CODE	Ø drill bit (TL) [mm]	pcs
DUSDSV7T	Ø5 (115 mm), Ø6 (115 mm), Ø6 (165 mm), 2 x Ø8 (165 mm), Ø10 (165 mm), Ø12 (160 mm),	1



TL total length
EL effective length



DUHXA

HOLLOW DUST EXTRACTION DRILL BIT FOR CONCRETE WITH SDS-MAX SHANK

- It combines two steps in one: drilling and suction in a single operation
- Significantly higher drilling speed due to optimal dust removal
- Dust-free working environment to protect the user
- Universal adapter for vacuum cleaner fits all common industrial vacuum cleaners



CODES AND DIMENSIONS

CODE	rod [mm]	internal thread bushing [mm]	d ₀		EL		TL		pcs
			[mm]	[in]	[mm]	[in]	[mm]	[in]	
DUHXA1840	M16	IR-M10	18	0.71	400	15 3/4	600	23 5/8	1
DUHXA2240	M20	IR-M12	22	0.87	400	15 3/4	600	23 5/8	1
DUHXA2840	M24	IR-M16	28	1.10	400	15 3/4	620	24 7/16	1
DUHXA3040	M27	-	30	1.18	400	15 3/4	620	24 7/16	1
DUHXA3540	M30	-	35	1.38	400	15 3/4	620	24 7/16	1

d₀ = hole diameter in the support

EL = useful length

TL = total length

COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
DUIS35M	class M suction system	1

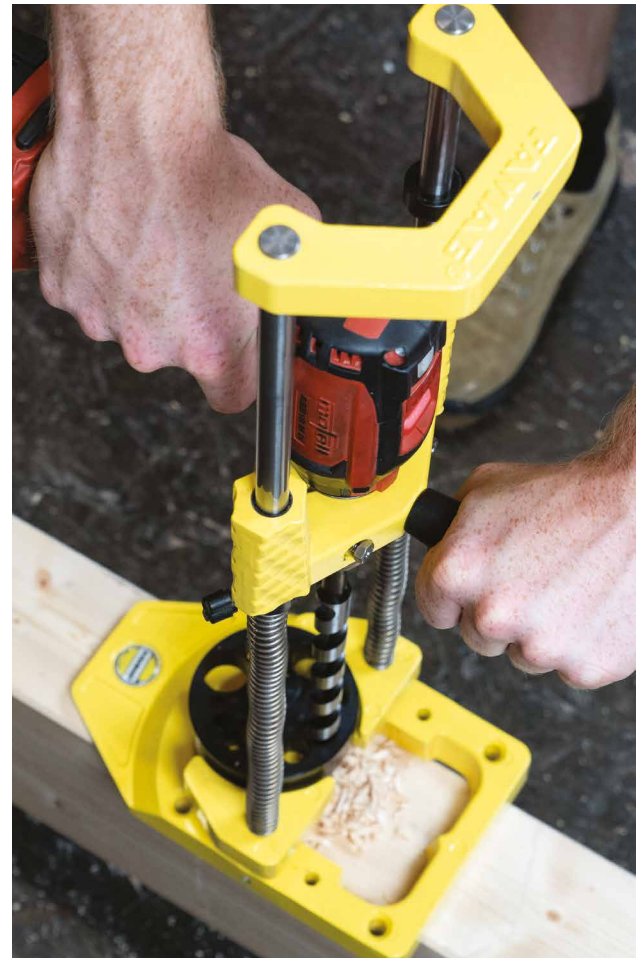


DUIS35M

COLUMN

RIGID AND INCLINED DRILLING COLUMN

- Thanks to adjustable depth stops, a precise guide plate and an additional stabilisation element, holes are always made at the perfect angle
- Made of die-cast aluminium and stainless steel – suitable for all drills with a 43 mm collar. Compatible with bits Ø 8, 10, 12, 14, 16, 18, 20, 22, 24, 26 mm
- The new universal adapter solves compatibility issues between COLUMN systems, thanks to its stable hexagonal shank, ensuring secure clamping across different machines



CODES AND DIMENSIONS

CODE	version	for bits length		hole depth		TL		pcs
		[mm]	[in]	[mm]	[in]	[mm]	[in]	
F1403460	90° metric guide plate	460	18 1/8	310	12 3/16	approx. 630	24 13/16	1
F1403650		650	25 9/16	460	18 1/8	approx. 810	31 7/8	1
F1403462*		460	18 1/8	310	12 3/16	approx. 630	24 13/16	1
1 F1403652*		650	25 9/16	460	18 1/8	approx. 810	31 7/8	1
F1403240	90° imperial guide plate	460	18 1/8	310	12 3/16	approx. 630	24 13/16	1
F1404460	45° - 90° metric guide plate	460	18 1/8	250	10	approx. 630	24 13/16	1
2 F1404650		650	25 9/16	430	16 15/16	approx. 810	31 7/8	1
F1404462*		460	18 1/8	250	10	approx. 630	24 13/16	1
F1404652*		650	25 9/16	430	16 15/16	approx. 810	31 7/8	1

* fastening device included.

(1) Suitable for imperial bits with diameter 5/16"; 3/8"; 1/2"; 9/16"; 11/16"; 3/4"; 15/16"; 1"; 1 1/8"; 1 1/4".

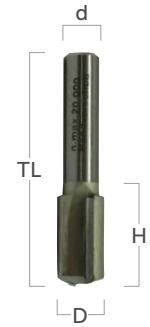
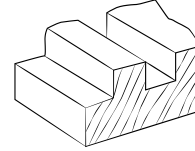
COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
3 F1402000	fastening set 0-90 mm 0-3 1/2"	4
4 F1402043	universal adapter for non-standard chucks	1
5 F1400902	imperial measurement guide plate (5/16"; 3/8"; 1/2"; 9/16"; 11/16"; 3/4"; 15/16"; 1"; 1 1/8"; 1 1/4")	1

CUTTERS

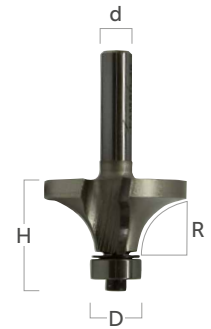
CYLINDRICAL CUTTER

CODE	Ø (D)		Ø shank (d)		EL (H)		TL		max. number of rpm [U/min]	pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]		
F3107810	10	0.394	8	0.315	20	13/16	51	2	22000	1
F3107812	12	0.472	8	0.315	20	13/16	51	2	20000	1
F3107816	16	0.630	8	0.315	20	13/16	51	2	19000	1
F3107820	20	0.787	8	0.315	20	13/16	51	2	18000	1
F3107822	22	0.866	8	0.315	20	13/16	51	2	18000	1
F3107912	12	0.472	12	0.472	32	1 1/4	73	2 7/8	22000	1
F3107916	16	0.630	12	0.472	32	1 1/4	73	2 7/8	21000	1
F3107920	20	0.787	12	0.472	32	1 1/4	73	2 7/8	20000	1
F3107925	25	0.984	12	0.472	32	1 1/4	63	2 1/2	19000	1
F3107930	30	1.181	12	0.472	25	1	67	2 5/8	18000	1



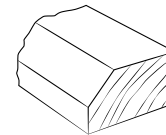
CONCAVE RADIUS CUTTER

CODE	radius (R)		Ø (D)		Ø shank (d)		H	max. number of rpm [U/min]	pcs	
	[mm]	[in]	[mm]	[in]	[mm]	[in]				
F3109831	9,5	0.374	31,8	1.252	8	0.315	15,9	5/8	16000	1



CUTTER FOR 45° CORNERS

CODE	Ø (D)		Ø shank (d)		H	TL		max. number of rpm [U/min]	pcs	
	[mm]	[in]	[mm]	[in]		[mm]	[in]			
F3118845	31,8	1,252	8	0.315	12,7	1/2	53	2 1/16	16000	1



■ **LO 55**
VERTICAL MILLING
MACHINE



■ **LO 65 EC**
VERTICAL MILLING
MACHINE



See the product on page 197

LB HOLE CUTTER

FOR TIMBER AND TIMBER-LIKE MATERIALS

QUICK DRILLING

The new cutting edges and easy removal of milled material help save valuable time.

POWERFUL

Drilling capacity up to 322 mm diameter, even in solid timber. The actual depth is 300 mm and can theoretically be infinitely extended using extensions.



DIA 303
DRILL FOR DRILLING AND PERFORATIONS -
WATER AND DRY

See the product on page 218



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.

CODES AND DIMENSIONS

CODE	Ø cutter		EL		pcs
	[mm]	[in]	[mm]	[in]	
DULB42	42	1.65	300	11.81	1
DULB52	52	2.05	300	11.81	1
DULB62	62	2.44	300	11.81	1
DULB68	68	2.68	300	11.81	1
DULB72	72	2.83	300	11.81	1
DULB77	77	3.03	300	11.81	1
DULB82	82	3.23	300	11.81	1
DULB87	87	3.43	300	11.81	1
DULB92	92	3.62	300	11.81	1
DULB102	102	4.02	300	11.81	1
DULB112	112	4.41	300	11.81	1
DULB127	127	5.00	300	11.81	1

CODE	Ø cutter		EL		pcs
	[mm]	[in]	[mm]	[in]	
DULB132	132	5.20	300	11.81	1
DULB142	142	5.59	300	11.81	1
DULB152	152	5.98	300	11.81	1
DULB162	162	6.38	300	11.81	1
DULB172	172	6.77	300	11.81	1
DULB182	182	7.17	300	11.81	1
DULB202	202	7.95	300	11.81	1
DULB227	227	8.94	300	11.81	1
DULB250	250	9.84	300	11.81	1
DULB301	301	11.85	300	11.81	1
DULB322	322	12.68	300	11.81	1

CENTERING DRILL BIT

CODE	description	EL	pcs
DUSZ	retractable bar for centering	250 - 300 mm 9.84 - 11.81 in	1



CENTERING SHAFT

CODE	description	length		Ø		pre-drilling hole Ø		pcs
		[mm]	[in]	[mm]	[in]	[mm]	[in]	
DUZST ⁽¹⁾	for straight holes	385	15.16	13	1/2	14	9/16	1
DUZST6	for inclined holes	550	21.65	13	1/2	14	9/16	1



HOLE CUTTER ADAPTER

CODE	description	pcs
DULSA1 ⁽²⁾	for quick release change	1



ADAPTER FOR MACHINES

CODE	description	pcs
DUSVM ⁽³⁾	adapter for machines	1



SHANK 1

CODE	description	pcs
DULSA2 ⁽¹⁾	with screw system	1



SHANK 2

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



SHANK 3

CODE	description	pcs
DULSA3	for drill chuck with shank Ø13 mm 0.52 in	1

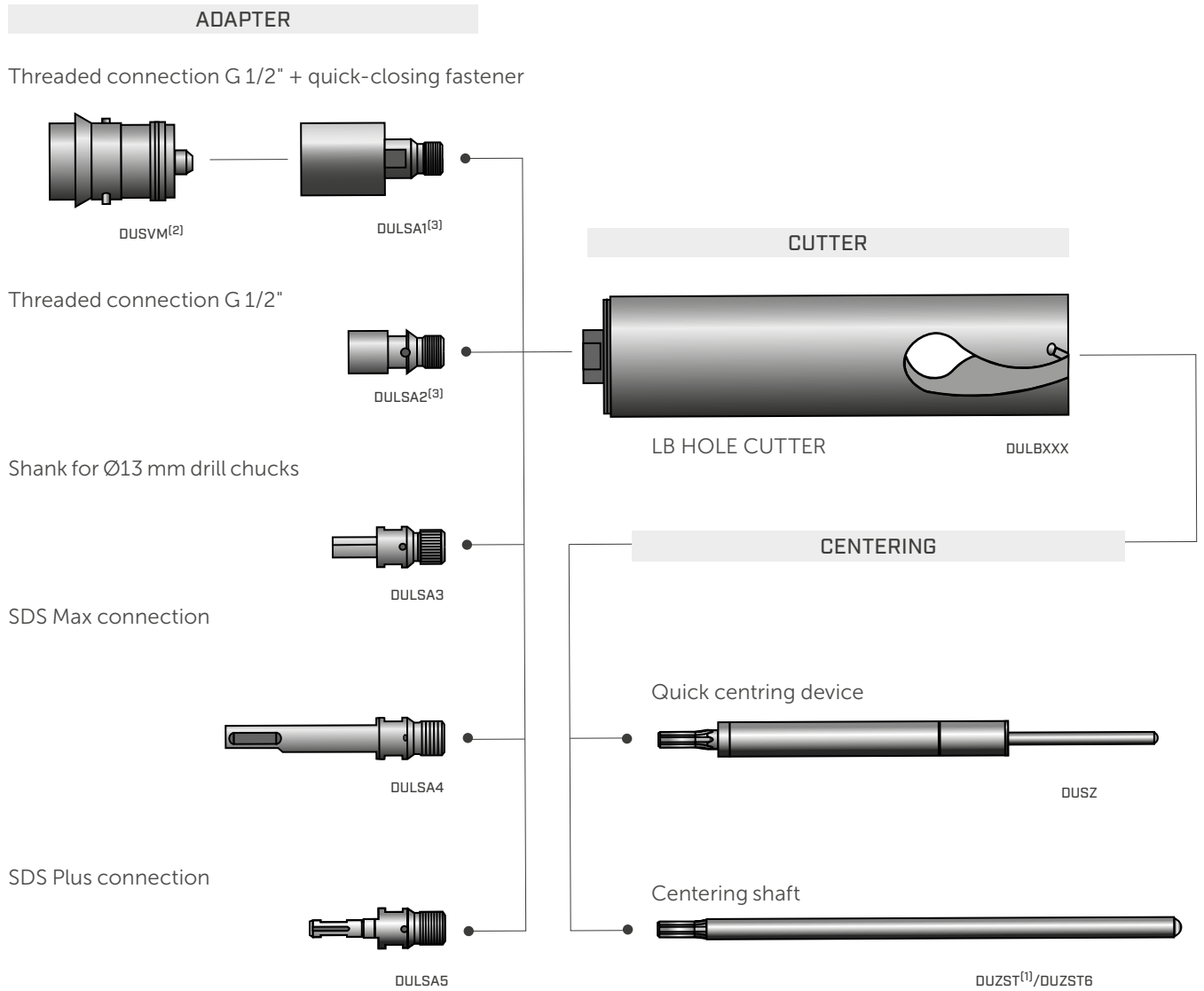


⁽¹⁾ included in the DIA 303 machine supply (code DUDIA303).

⁽²⁾ one required per milling cutter.

⁽³⁾ one required per machine.

LB HOLE CUTTER ADAPTERS



- (1) included in the DIA 303 machine supply (code DUDIA303).
- (2) one required per machine.
- (3) one required per milling cutter.

RECOMMENDED OPERATION RANGE

cutters - Ø		rpm
[mm]	[in]	[U/min]
40 - 8	1.57 - 3.23	1400 - 700
83 - 142	3.27 - 5.59	700 - 400

cutters - Ø		rpm
[mm]	[in]	[U/min]
143 - 202	5.63 - 7.95	400 - 280
203 - 322	7.99 - 12.68	280 - 180

NOTES:

- The official operating instructions supplied by the machine and cutter manufacturer must be read and fully understood before use.

HSS HOLE CUTTER

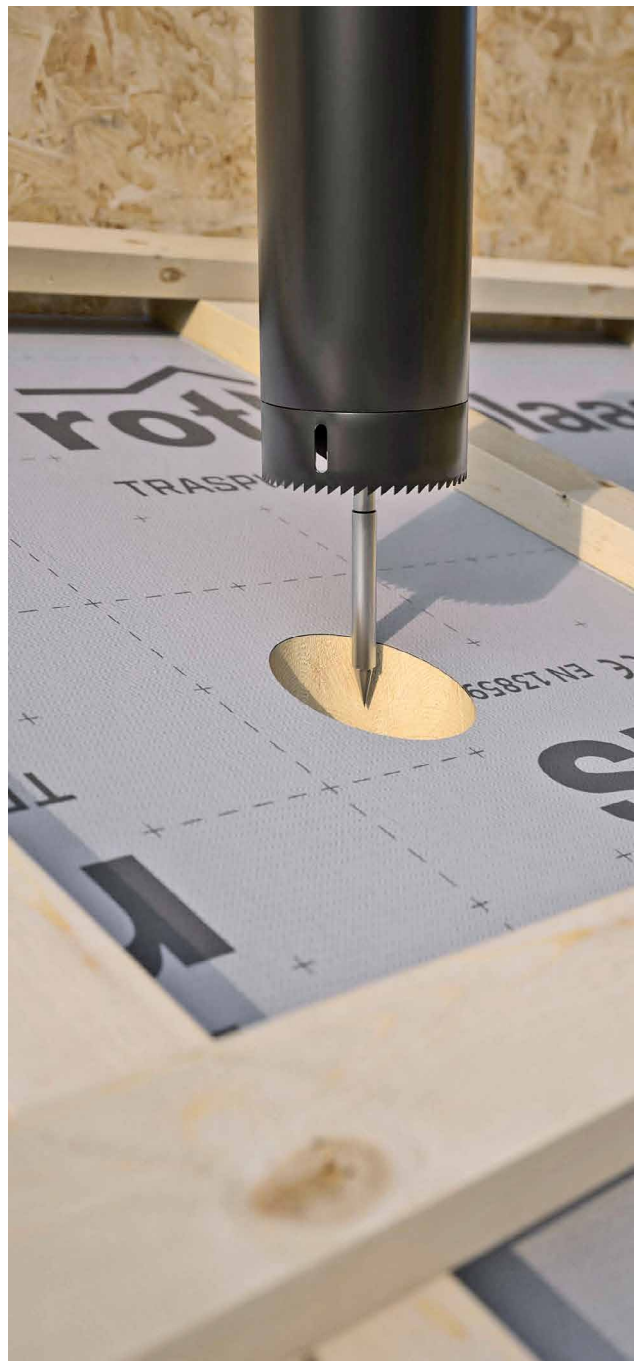
FOR CUTTING VENTILATION DUCTS IN TRUSSES

UNIVERSAL

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.

FREEHAND USE

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

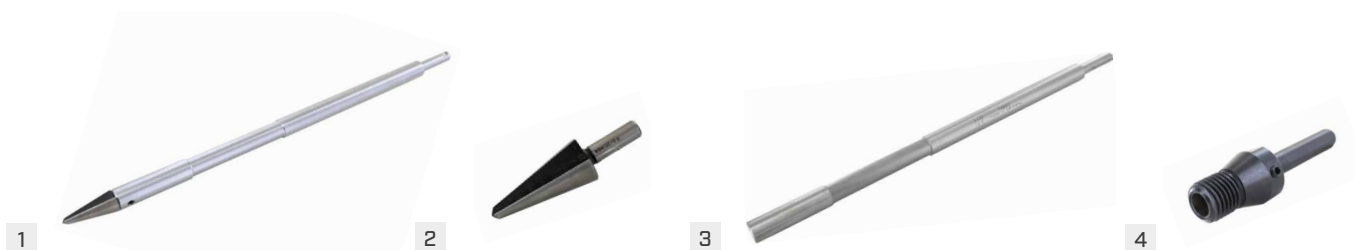


CODES AND DIMENSIONS

CODE	Ø cutter		TL		EL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	
F2170086	85	3 3/8	420	16 9/16	300	11 3/4	1
F2170111	110	4 3/8	420	16 9/16	300	11 3/4	1
F2170130	130	5 1/8	420	16 9/16	300	11 3/4	1
F2170152	152	6	420	16 9/16	300	11 3/4	1
F2170170	170	6 3/4	420	16 9/16	300	11 3/4	1
F2170200	200	8	420	16 9/16	300	11 3/4	1

The supply includes the SW12 hexagonal connection (F2170005). Guide pin and drilling head must be ordered separately.

COMPLEMENTARY PRODUCTS - ACCESSORIES



CODE	description	A Ø		TL		EL		pcs
		[mm]	[in]	[mm]	[in]	[mm]	[in]	
1 F2170030	guide pin with drilling head	20	13/16	470	18 1/2	410	16 1/8	1
2 F2170010	guide pin only	19,5	3/4	430	16 15/16	380	15	1
3 F3690002	drilling head only	8 - 20	5/16 - 13/16	70	2 3/4	40	1 9/16	1
4 F2170005	hexagonal connection for HSS SW 12 hole cutter							1

LH CUTTER

HM HOLE CUTTERS

DURABLE

It offers a higher service life than traditional bimetal hole cutters.

UNIVERSAL

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.



CODES AND DIMENSIONS

CODE	Ø cutter		EL		pcs
	[mm]	[in]	[mm]	[in]	
DULH16	16	5/8	52	2 1/16	1
DULH19	19	3/4	52	2 1/16	1
DULH20	20	13/16	52	2 1/16	1
DULH22	22	7/8	52	2 1/16	1
DULH25	25	1	52	2 1/16	1
DULH29	29	1 1/8	52	2 1/16	1
DULH30	30	1 3/16	52	2 1/16	1
DULH35	35	1 3/8	52	2 1/16	1
DULH40	40	1 9/16	52	2 1/16	1
DULH44	44	1 3/4	52	2 1/16	1
DULH51	51	2	52	2 1/16	1
DULH54	54	2 1/8	52	2 1/16	1
DULH60	60	2 3/8	52	2 1/16	1
DULH64	64	2 1/2	52	2 1/16	1
DULH65	65	2 9/16	52	2 1/16	1
DULH67	67	2 5/8	52	2 1/16	1
DULH68	68	2 11/16	52	2 1/16	1

CODE	Ø cutter		EL		pcs
	[mm]	[in]	[mm]	[in]	
DULH70	70	2 3/4	52	2 1/16	1
DULH73	73	2 7/8	52	2 1/16	1
DULH79	79	3 1/8	52	2 1/16	1
DULH83	83	3 1/4	52	2 1/16	1
DULH86	86	3 3/8	52	2 1/16	1
DULH89	89	3 1/2	52	2 1/16	1
DULH92	92	3 5/8	52	2 1/16	1
DULH95	95	3 3/4	52	2 1/16	1
DULH102	102	4	52	2 1/16	1
DULH105	105	4 1/8	52	2 1/16	1
DULH108	108	4 1/4	52	2 1/16	1
DULH111	111	4 3/8	52	2 1/16	1
DULH114	114	4 1/2	52	2 1/16	1
DULH121	121	4 3/4	52	2 1/16	1
DULH127	127	5	52	2 1/16	1
DULH133	133	5 1/4	52	2 1/16	1
DULH152	152	6	52	2 1/16	1

COMPLEMENTARY PRODUCTS - AN CONNECTION

CODE	Ø cutter	cutter length	hexagonal head/ drill chuck	pcs
	[mm] [in]	[mm] [in]	[mm] [in]	
DUAN3	14 - 30 9/16 - 1 3/16	55 - 66 2 3/16 - 2 5/8	9,5/≥ 10 0.374/≥0.394	1
DUAN4	32 - 152 1 1/4 - 6	55 - 66 2 3/16 - 2 5/8	11/≥ 13 0.433/≥0.512	1



LH CUTTER - SET

CODE	drilling Ø	connection	pcs
	[mm]		
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



LFA CUTTER

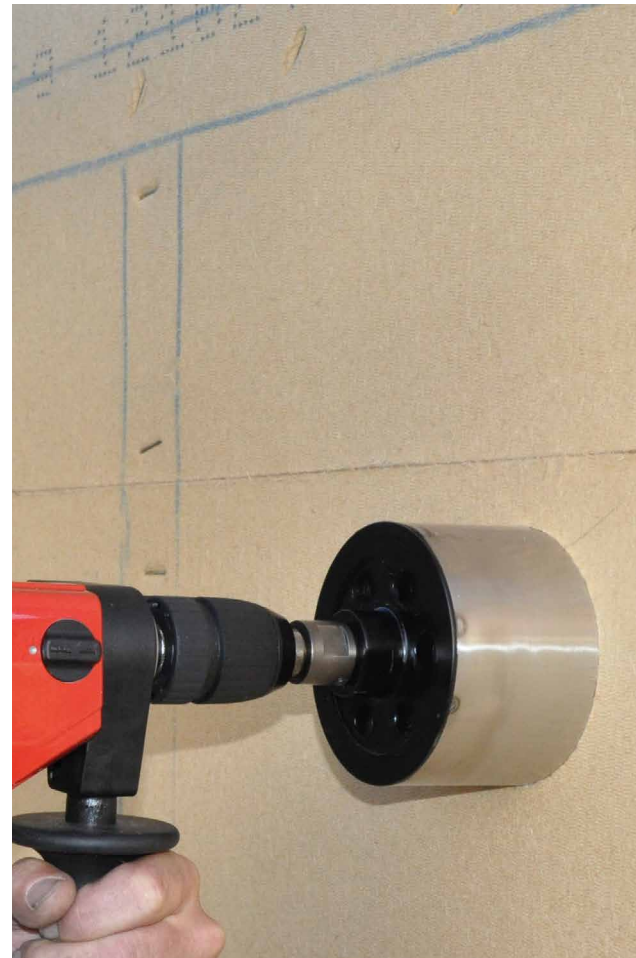
FOR TIMBER FIBRE INSULATION PANELS

- Extremely sharp and thin cutting edges for fast and precise drilling of fibrous insulation materials, with low dust generation. Ideal for blow-in openings
- The extracted core can easily be reused to close the hole



CODES AND DIMENSIONS

CODE	Ø cutter		EL		pcs
	[mm]	[in]	[mm]	[in]	
DULFA85	85,0	3 3/8	85	3 3/8	1
DULFA106	106,5	4 3/16	85	3 3/8	1
DULFA120	120,0	4 3/4	85	3 3/8	1



PUMPSHANK®

QUICK EJECTION SYSTEM

- Rapid core ejection via the safety handle during drilling with hole saws
- Compatible with almost all commercial hole saws, such as LH milling cutters



CODES AND DIMENSIONS

CODE	description	pcs
1 F2166606	PUMPSHANK with 3 adapters and pilot bit	1
2 F2166607	single adapter for PUMPSHANK	1



WOOD REPAIR

WOOD REPAIR

WOOD REPAIR

WOOD REPAIR
INJECTION SYSTEM FOR WOOD REPAIRS 260

RESTO KITT
*INDOOR REPAIR PUTTY
(TO BE PAINTED OVER IF USED OUTDOORS)* 262

PLASTUK
*BICOMPONENT PUTTY FOR INDOOR
AND OUTDOOR REPAIRS* 263

XEPOX
TWO COMPONENTS EPOXY ADHESIVE 264

TIMBER CAPS

TAP1
CAPS MADE OF SPRUCE, ALONG GRAIN 268

TAP2
CAPS MADE OF LARCH, ALONG GRAIN 268

TAP3
TAPPI IN LEGNO DI ABETE ROSSO, NODO 268

TAP4
*LONG-GRAIN SPRUCE WOOD PLUGS FOR R-30
FIRE RESISTANCE ACCORDING TO EN 1995-1-2¹⁾* 269

TAP5
CAPS MADE OF SPRUCE TIMBER, TIMBER HEAD 269

NAILS AND PLUGS

RIF
TIMBER PINS - BEECH 270

RIF 1000
TIMBER PINS - 1 m, BEECH 270

WNAIL
*OAK TIMBER NAIL, CYLINDRICAL
AND OCTAGONAL* 270

LAMELLO
TIMBER PLUGS 270

FLI
*TIMBER PATCHES FOR REPAIRS
OF GLULAM, FIR TIMBER* 271

WOOD REPAIR

INJECTION SYSTEM FOR WOOD REPAIRS

QUALITY

Ideal for knot cavities, long cracks and difficult repairs.

FAST

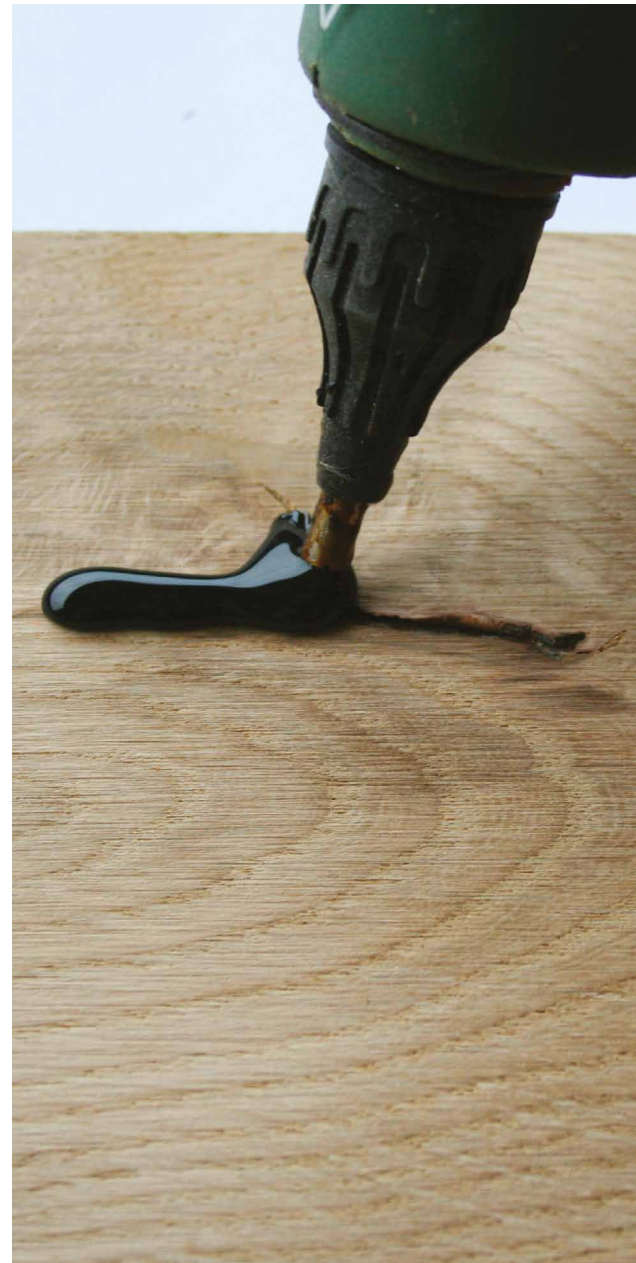
Thanks to the cooling block, the filling material hardens within seconds and can be sanded immediately.



1

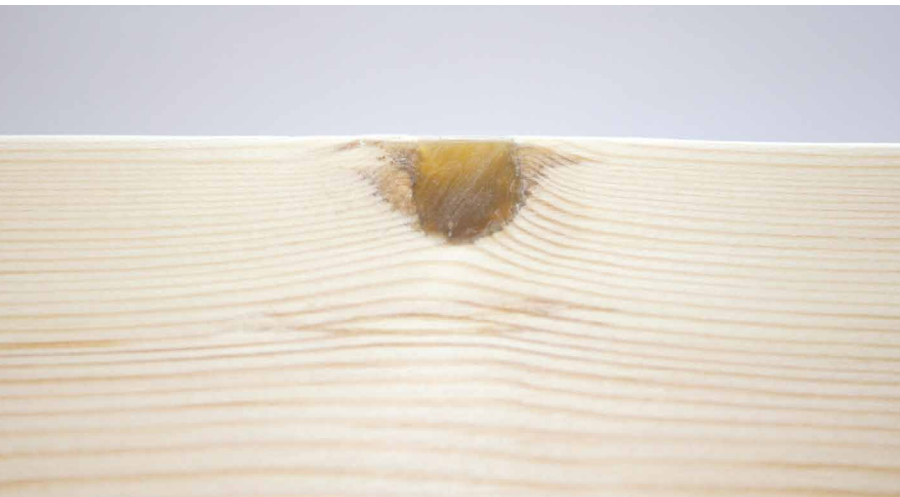


2



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, standard and clear varnishes, and stains. 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 340°F	Ø12 mm 1/2" stick	0,3-0,6 kg/hour	1
2 WR06	professional gun	220-240 V, 50 Hz	120 - 230°C 250 - 450°F	Ø12 mm 1/2" 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

COMPLEMENTARY 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

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, ideal 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		pcs
		[g]	[lbs]	
RESTOK15	○ white	200	0.44	1
RESTOK13	● fir	200	0.44	1
RESTOK11	● pine	200	0.44	1
RESTOK23	● light beech	200	0.44	1
RESTOK08	● american cherry	200	0.44	1
RESTOK09	● antique light ash	200	0.44	1
RESTOK12	● light oak	200	0.44	1
RESTOK05	● light walnut	200	0.44	1
RESTOK22	● medium oak	200	0.44	1
RESTOK24	● medium beech	200	0.44	1
RESTOK03	● steam treated beech	200	0.44	1
RESTOK07	● cherry	200	0.44	1
RESTOK04	● walnut	200	0.44	1
RESTOK02	● light mahogany	200	0.44	1
RESTOK01	● mahogany	200	0.44	1
RESTOK13L	● fir	450	1.0	1



INDICATIONS FOR USE

The surface to be treated must be dry and free of dust and lubricants. If the cavity is too deep, a second layer may be required after sanding. 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, with a 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

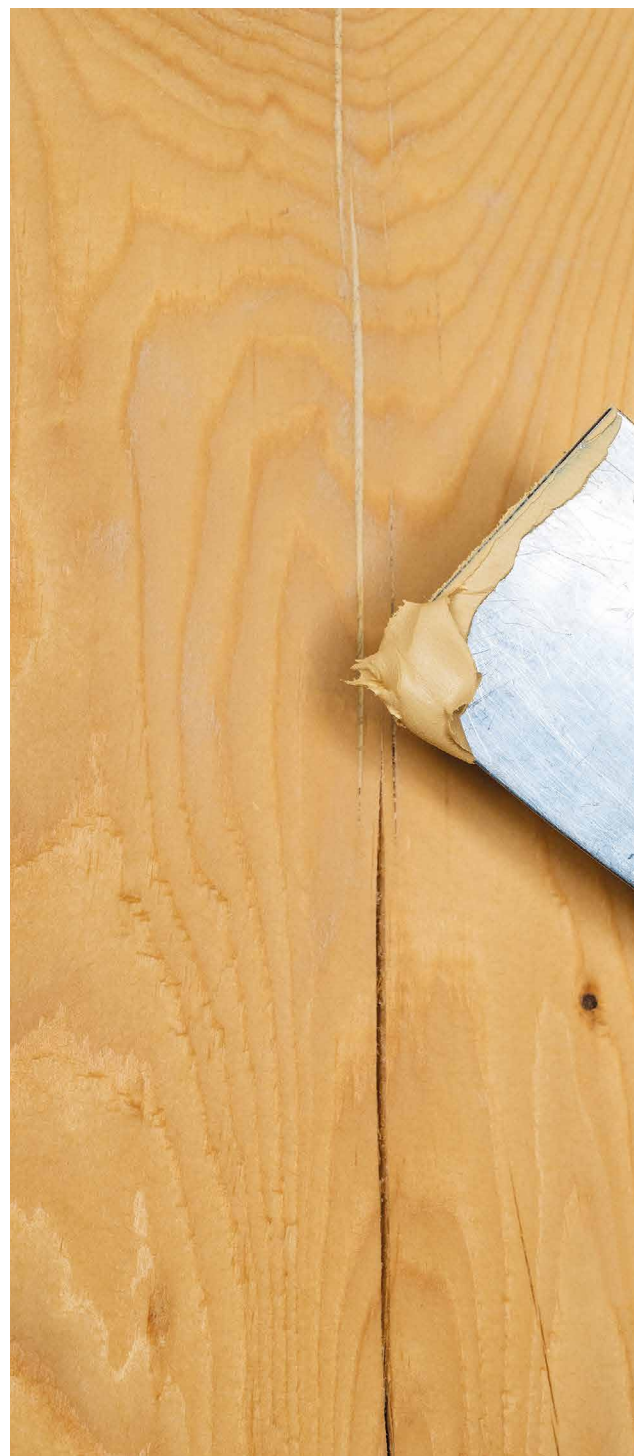


CODES AND DIMENSIONS

CODE	colour	net weight				pcs
		putty		hardness		
		[g]	[lbs]	[g]	[lbs]	
PLASTUK02	 fir	1000	2.2	200	0.44	1
PLASTUK13	 oak	1000	2.2	200	0.44	1
PLASTUK06	 walnut	1000	2.2	200	0.44	1

One tube of hardener included. Other hues available on request.

CODE	description	net weight		pcs
		[g]	[lbs]	
PLASTUKH	hardener	200	0.44	1



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.

TWO COMPONENTS EPOXY ADHESIVE

RELIABLE

Proven effectiveness evidenced by 35 years of use in timber construction. Available in 400 ml cartridges for practical and fast use, in 3 litre and 5 litre sizes for larger volume joints.

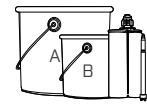
HIGH PERFORMANCE

High-performance two-components epoxy adhesive. It allows connections with a stiffness unmatched by mechanical connection systems.

DAILY USE

Also suitable for everyday use, such as for repairs, filling holes or restoring damaged portions of timber.

SIZES



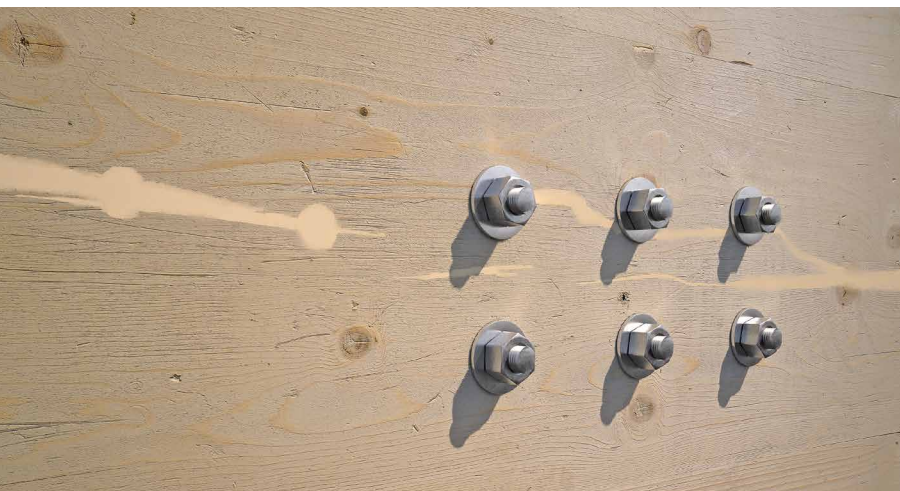
in 3 and 5 litre drums or 400 ml cartridges

APPLICATION

applicable by spray, brush, percolation or spatula depending on viscosity

VIDEO

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



FIELDS OF USE

Glued joints for panels, beams, columns, tie rods and studs.

Application with glued rods.

Application with glued plates for rigid shear, moment and axial action joints.

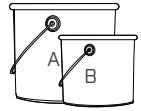
Repair or consolidation of damaged timber elements.

CODES AND DIMENSIONS

XEPOX P - primer

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXP3000	P - primer	A + B = 3000	A+B = 101.44	drums	1

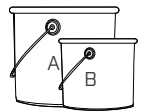
Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2; Component classification B: Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 3.



XEPOX L - liquid

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXL3000	L - liquid	A + B = 3000	A+B = 101.44	drums	1
XEPOXL5000	L - liquid	A + B = 5000	A+B = 169.07	drums	1

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

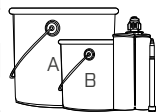


XEPOX F - fluid

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXF400⁽¹⁾	F - fluid	400	13.53	cartridge	1
XEPOXF3000	F - fluid	A + B = 3000	A+B = 101.44	drums	1
XEPOXF5000	F - fluid	A + B = 5000	A+B = 169.07	drums	1

⁽¹⁾ 1 STINGXP mixing nozzle included per XEPOXF400 cartridge.

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



XEPOX D - DENSE

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXD400⁽¹⁾	D - dense	400	13.53	cartridge	1

⁽¹⁾ 1 STINGXP mixing nozzle included per XEPOXD400 cartridge.

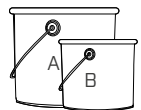
Component A classification: Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2; Component classification B: Repr. 1B; Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 2.



XEPOX G - gel

CODE	description	content		package	pcs
		[ml]	[US fl oz]		
XEPOXG3000	G-gel	A + B = 3000	A+B = 101.44	drums	1

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



COMPLEMENTARY PRODUCTS - ACCESSORIES

CODE	description	pcs
MAMDB	double cartridge gun	1
MAMDBPOWER	cordless gun for double 400 mL cartridges	1
STINGXP	mixing nozzle	1



MAMDB



MAMDBPOWER



STINGXP



STRUCTURAL

Excellent for the construction of multi-directional rigid joints, with glued plates or rods.

STATIC CONSOLIDATION

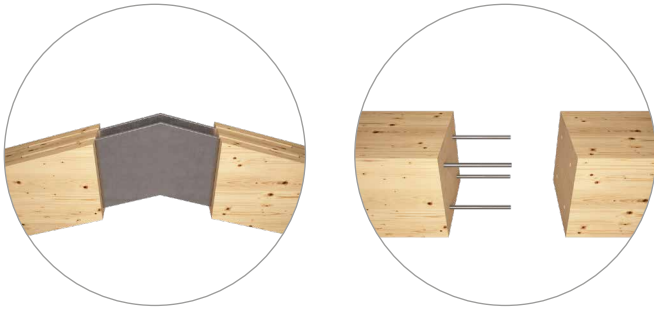
Can be used to rebuild "timber material" in combination with metal rods and other materials.

FIELD OF USE

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.

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

1. MOMENT CONTINUITY JOINT



2. TWO- OR THREE-WAY CONNECTIONS



3. TIMBER JOINT

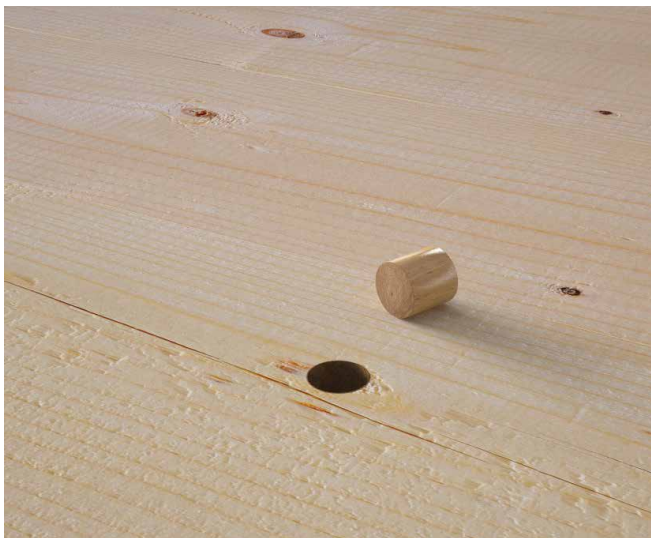


4. REHABILITATION OF DAMAGED PARTS



AESTHETIC IMPROVEMENTS

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



APPLICATION AND CONSERVATION TEMPERATURE

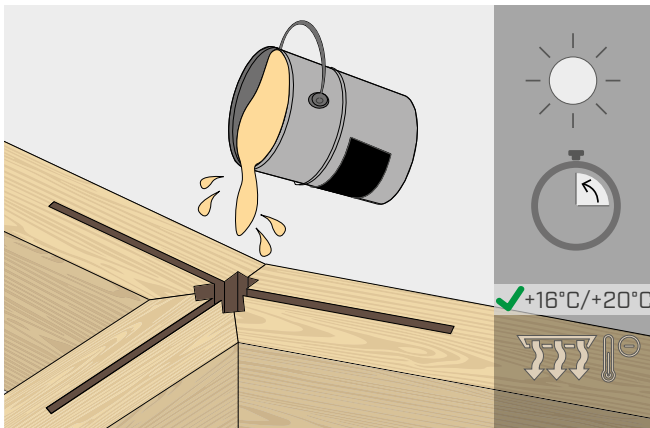


ADHESIVE CONSERVATION

Epoxy adhesives must be stored at moderate temperatures, both in winter and summer, until use (ideal temperature: +16°C to +20°C).

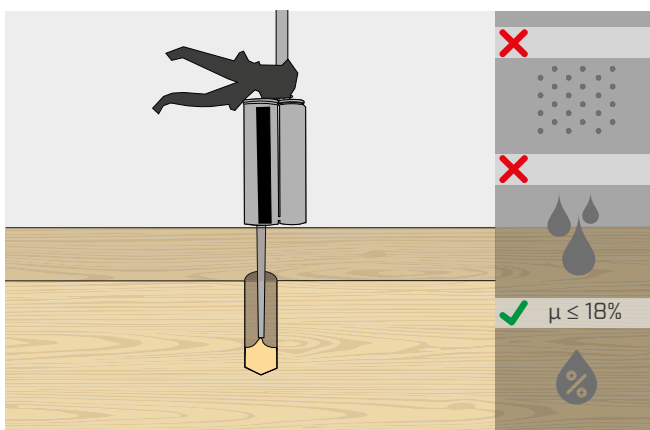
Extreme temperatures can cause the separation of individual chemical components, increasing the risk of incorrect mixing. Direct exposure to sunlight significantly reduces curing time.

Storage temperatures below 10 °C increase the viscosity of adhesives, making extrusion or percolation very difficult.



ADHESIVE APPLICATION

The ambient temperature has a significant influence on curing time. It is recommended to perform structural bonding at an ambient temperature of $T > +10^{\circ}\text{C}$, ideally around 20°C . If temperatures are too low, packages must be warmed for at least one hour before use, and longer wait times should be respected before applying the load. If temperatures should be too high ($> 35^{\circ}\text{C}$), glueing should be carried out in cool places, avoiding the hottest hours of the day, considering a significant reduction in curing time. Failure to comply with these requirements may compromise the structural performance of the joint.



ROUTING AND HOLE TREATMENTS

Before applying the adhesive, drilled holes and recesses in the timber must be protected from rainwater and high humidity, and cleaned using compressed air.

If the surfaces to be resin-coated are damp or wet, they must be completely dried before application.

XEPOX adhesives are recommended for use on timber with a moisture content below 18%.

TAP1

CAPS MADE OF SPRUCE, ALONG GRAIN

CODE	Ø [mm]	H [mm]	Ø [in]	H [in]	pcs
TAP11010	10	10	3/8	3/8	2000
TAP11210	12	10	1/2	3/8	1000
TAP11510	15	10	9/16	3/8	1000
TAP11610	16	10	5/8	3/8	1000
TAP12010	20	10	13/16	3/8	560
TAP12510	25	10	1	3/8	345
TAP13010	30	10	1 3/16	3/8	260
TAP13510	35	10	1 3/8	3/8	180
TAP14010	40	10	1 9/16	3/8	140
TAP14510	45	10	1 3/4	3/8	105
TAP15010	50	10	1 15/16	3/8	75
TAP12010L	20	10	13/16	3/8	6500
TAP12510L	25	10	1	3/8	4000
TAP13010L	30	10	1 3/16	3/8	3000
TAP13510L	35	10	1 3/8	3/8	2100
TAP14010L	40	10	1 9/16	3/8	1600
TAP15515 ⁽¹⁾	55	15	2 3/16	9/16	40
TAP6515 ⁽²⁾	65	15	2 9/16	9/16	40

⁽¹⁾To close the Ø55mm recess of the WASP.

⁽²⁾To close the Ø65mm recess of the WASPL.



TAP2

CAPS MADE OF LARCH, ALONG GRAIN

CODE	Ø [mm]	H [mm]	Ø [in]	H [in]	pcs
TAP21010	10	10	3/8	3/8	1890
TAP21510	15	10	9/16	3/8	745
TAP22010	20	10	13/16	3/8	405
TAP22510	25	10	1	3/8	275
TAP23010	30	10	1 3/16	3/8	180
TAP23510	35	10	1 3/8	3/8	140
TAP24010	40	10	1 9/16	3/8	100
TAP24510	45	10	1 3/4	3/8	88
TAP25010	50	10	1 15/16	3/8	73



TAP3

CAPS MADE OF SPRUCE, KNOTTED

CODE	Ø [mm]	H [mm]	Ø [in]	H [in]	pcs
TAP3109	10	9	3/8	0.354	250
TAP3159	15	9	9/16	0.354	250
TAP3209	20	9	13/16	0.354	250
TAP3259	25	9	1	0.354	250
TAP3309	30	9	1 3/16	0.354	250
TAP3359	35	9	1 3/8	0.354	250
TAP3409	40	9	1 9/16	0.354	100
TAP3509	50	9	1 15/16	0.354	100



TAP4

LONG-GRAIN SPRUCE WOOD PLUGS FOR R-30 FIRE RESISTANCE ACCORDING TO EN 1995-1-2^(*)

CODE	Ø [mm]	H [mm]	Ø [in]	H [in]	pcs
TAP41220	12	20	1/2	13/16	100
TAP41620	16	20	5/8	13/16	100
TAP42020	20	20	13/16	13/16	100
TAP42520	25	20	1	13/16	100
TAP43020	30	20	1 3/16	13/16	100
TAP44020	40	20	1 9/16	13/16	100
TAP45020	50	20	1 15/16	13/16	50
TAP46020	60	20	2 3/8	13/16	40
TAP47020	70	20	2 3/4	13/16	25
TAP48020	80	20	3 1/8	13/16	25
TAP49020	90	20	3 1/2	13/16	15
TAP410020	100	20	4	13/16	10
TAP41240	12	40	1/2	1 9/16	450
TAP41640	16	40	5/8	1 9/16	250
TAP42040	20	40	13/16	1 9/16	160
TAP42540	25	40	1	1 9/16	130
TAP45040	50	40	1 15/16	1 9/16	26



TAP5

CAPS MADE OF SPRUCE TIMBER, TIMBER HEAD

CODE	Ø [mm]	H [mm]	Ø [in]	H [in]	pcs
TAP51020	10	20	3/8	13/16	500
TAP51220	12	20	1/2	13/16	500
TAP51420	14	20	9/16	13/16	500
TAP51520	15	20	9/16	13/16	500
TAP51620	16	20	5/8	13/16	500
TAP51820	18	20	11/16	13/16	250
TAP52020	20	20	13/16	13/16	250
TAP52220	22	20	7/8	13/16	250
TAP52420	24	20	15/16	13/16	250
TAP51240	12	40	1/2	1 9/16	450
TAP51640	16	40	5/8	1 9/16	250
TAP52040	20	40	13/16	1 9/16	160
TAP52540	25	40	1	1 9/16	130
TAP55040	50	40	1 15/16	1 9/16	26



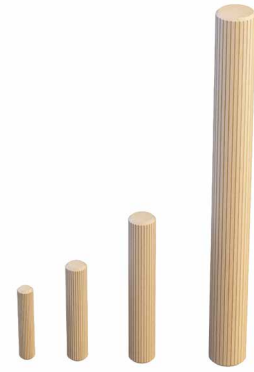
NOTES:

- Other wood types, such as pine, oak, beech, alder and ash are available on request.
- ^(*) The applicable fire resistance time must be verified separately for each connection.

RIF

TIMBER PINS - BEECH

CODE	Ø [mm]	L [mm]	Ø [in]	L [in]	pcs
RIF640	6	40	1/4	1 9/16	1400
RIF830	8	30	5/16	1 3/16	1000
RIF840	8	40	5/16	1 9/16	750
RIF1040	10	40	3/8	1 9/16	500
RIF1060	10	60	3/8	2 3/8	320
RIF1260	12	60	1/2	2 3/8	230
RIF14140	14	140	9/16	5 1/2	70
RIF1660	16	60	5/8	2 3/8	105



RIF 1000

TIMBER PINS - 1 m, BEECH

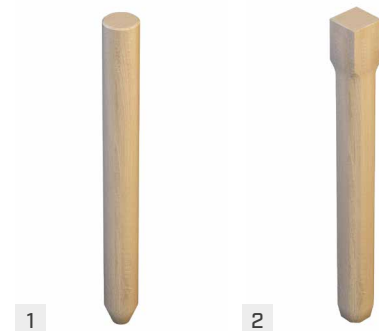
CODE	Ø [mm]	L [mm]	Ø [in]	L [in]	pcs
RIF61000	6	1000	1/4	39 3/8	100
RIF81000	8	1000	5/16	39 3/8	100
RIF101000	10	1000	3/8	39 3/8	100
RIF121000	12	1000	1/2	39 3/8	100
RIF141000	14	1000	9/16	39 3/8	50
RIF151000	15	1000	9/16	39 3/8	50
RIF161000	16	1000	5/8	39 3/8	50
RIF181000	18	1000	11/16	39 3/8	50
RIF201000	20	1000	13/16	39 3/8	50



WNAIL

OAK TIMBER NAIL, CYLINDRICAL AND OCTAGONAL

CODE	Ø [mm]	L [mm]	Ø [in]	L [in]	pcs
1 WNAILC20200	20	200	13/16	8	25
2 WNAILO16150	16	150	5/8	6	50
2 WNAILO20200	20	200	13/16	8	25



LAMELLO

TIMBER PLUGS

CODE	type	size [mm]	size [in]	pcs
LAM0	0	47 x 15 x 4	1 7/8 x 9/16 x 3/16	1000
LAM10	10	53 x 19 x 4	2 1/16 x 3/4 x 3/16	1000
LAM20	20	56 x 23 x 4	2 3/16 x 7/8 x 3/16	1000



TIMBER PATCHES FOR REPAIRS OF GLULAM, FIR TIMBER

SURFACE REPAIR PATCHES - FOR ATEU0500 MILLING CUTTER

CODE	type/width		L		pcs
	[mm]	[in]	[mm]	[in]	
FLI2070	F20		70	2 3/4	50
FLI20150	F20		150	6	30
FLI20300	F20		300	11 3/4	25
FLI20500	F20		500	19 3/4	25
FLI2470	F24		70	2 3/4	50
FLI24150	F24		150	6	30
FLI24300	F24		300	11 3/4	25
FLI24500	F24		500	19 3/4	25
FLI3570	F35		70	2 3/4	50
FLI35150	F35		150	6	20
FLI35300	F35		300	11 3/4	25
FLI35500	F35		500	19 3/4	25
FLI4270	F42		70	2 3/4	50
FLI42150	F42		150	6	20
FLI42300	F42		300	11 3/4	25
FLI42500	F42		500	19 3/4	25



CORNER PATCH - for ATEU0500 milling cutter

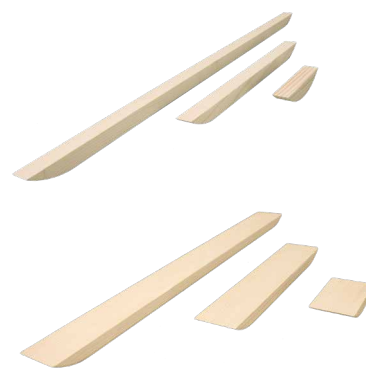
CODE	type/width		L		pcs
	[mm]	[in]	[mm]	[in]	
FLI3595	35	1 3/8	95	3 3/4	100



FLI types F20; F24, F35 and F42, as well as FLI3595 for the ATEU0500 milling cutter in the previous "TOOLS FOR TIMBER CONSTRUCTION" catalogue (valid until 2025) are not compatible with the PATCHILLO milling cutter.

SURFACE REPAIR PATCHES IN SPRUCE - FOR PATCHILLO MILLING CUTTER

CODE	L		B		s		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	
FLI151375	75	2 15/16	15	9/16	13	1/2	150
FLI1513250	250	10	15	9/16	13	1/2	195
FLI1515500	500	19 3/4	15	9/16	13	1/2	75
FLI451375	75	2 15/16	45	1 3/4	13	1/2	200
FLI4513250	250	10	45	1 3/4	13	1/2	75
FLI4513500	500	19 3/4	45	1 3/4	13	1/2	50



CORNER PATCH - for PATCHILLO milling cutter

CODE	L		B		pcs
	[mm]	[in]	[mm]	[in]	
FLI4590	90	3 1/2	45	1 3/4	130
FLI45250	250	10	45	1 3/4	63
FLI45500	500	19 3/4	45	1 3/4	50



On request, FLIs can also be supplied in larch and Oregon pine.

PATCHILLO PATCH MILLING MACHINE

See the product on page 223





We take care of your machines

Our know-how at your service

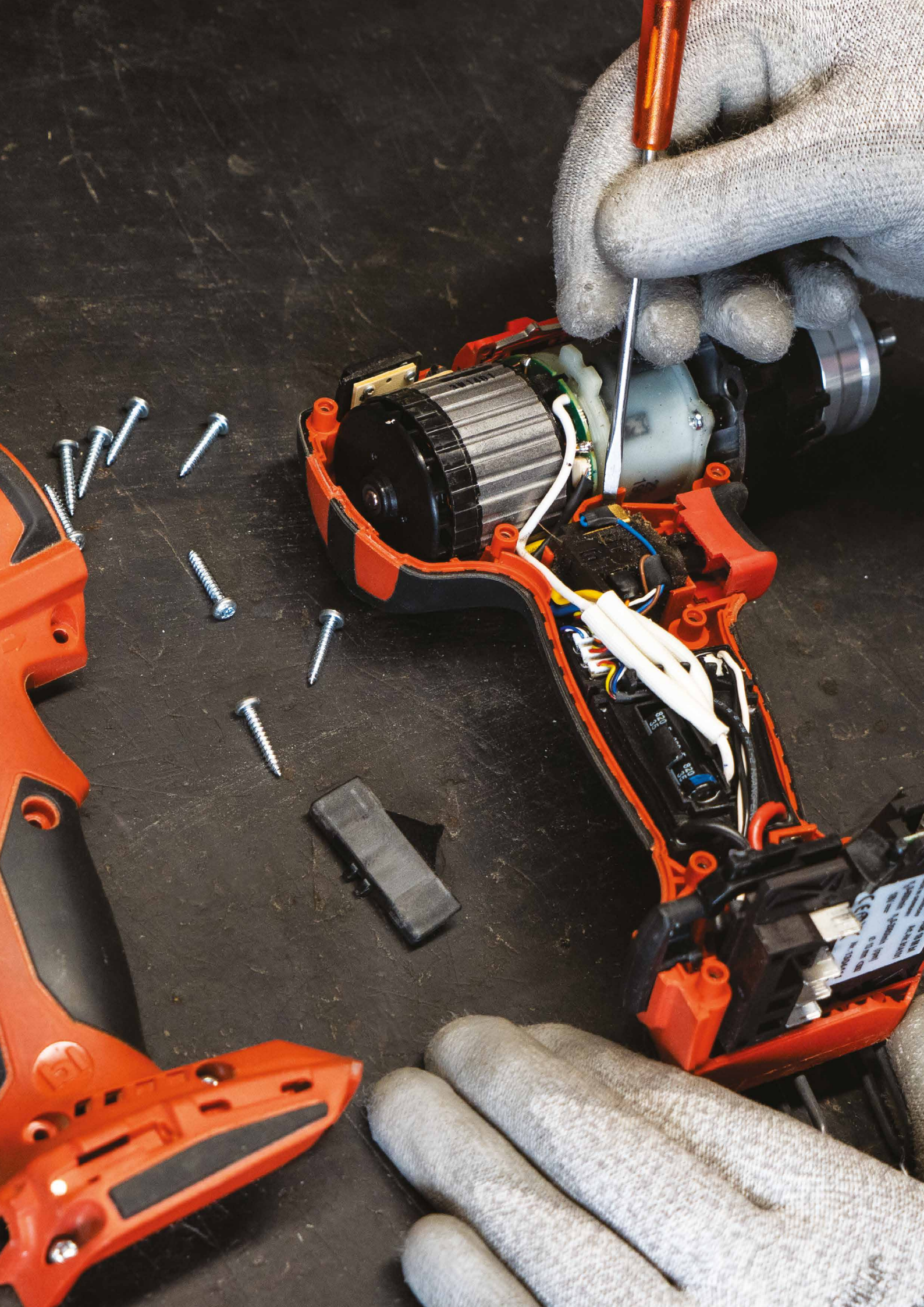
For over 30 years, the qualified technicians of our repair shop have been taking care of the machines that we retail. They do it with skill, passion and professional know-how, providing service of excellence in short turn-around time and ensuring machine durability and performance over time. Our technicians 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.



www.rothoblaas.com

**rothoblaas**

Solutions for Building Technology



This catalogue is the exclusive property of Rotho Blaas and may not be copied, reproduced or published, totally or in part, without prior written consent. All violations will be prosecuted according to law.

The most up-to-date technical documentation is available on the Rotho Blaas website. Rotho Blaas is not liable for any printing errors related to technical data, drawings, references to weights and measurements, and translations in the catalogues.

Rotho Blaas reserves the right to modify its product range, characteristics, technical specifications and other documentation at any time without prior notice.

Installers, designers, engineers, users and buyers must visit www.rothoblaas.com before each use of a product.

Each product is designed for the specific load capacities and applications outlined in the technical documentation, in accordance with the limitations and additional information provided therein. While the products are engineered for a wide range of applications, Rotho Blaas disclaims any liability for determining their suitability for a specific use. It is the sole responsibility of the user to assess the product's appropriateness for the intended application and to ensure proper installation. Each intended use of a product must be evaluated and approved by qualified professionals.

Rotho Blaas does not guarantee the legal or design conformity of the data and calculations provided. The calculation tools provided are for indicative purposes only and serve as a purely technical-commercial aid to support sales activities. The values resulting from "test" are based on the actual experimental investigations results and valid only for the test conditions specified.

Rotho Blaas does not guarantee and in no case can be held responsible for damages, losses and costs or other consequences, for any reason (warranty for defects, warranty for malfunction, product or legal responsibility, etc.) deriving from the use, inability of use or non-conforming use of the product.

Images are for illustrative purposes only and may not fully represent the product's features. Accessories shown in pictures and renderings may not be included. Packaged quantities may vary.

In the event of discrepancies between the language versions of the catalogue, the Italian text shall be considered the official version and take precedence over all other translations.

The general purchase conditions of Rotho Blaas Srl are available on the website www.rothoblaas.com.

All rights reserved

© 2025 ROTHO BLAAS SRL

All renderings © ROTHO BLAAS SRL

Publication date - 15/10/2025



Solutions for Building Technology

- FASTENING
- AIRTIGHTNESS AND WATERPROOF
- SOUNDPROOFING
- FALL PROTECTION
- TOOLS AND MACHINES

Rothoblaas is the multinational Italian company that has made innovative technology its mission, making its way to the forefront for timber buildings and construction safety in just a few years. Thanks to its comprehensive product range and the technically-prepared and widespread sales network, the company promotes the transfer of its know-how to the customers and aims to be a prominent and reliable partner for developing and innovating products and building methods. All of this contributes to a new culture of sustainable construction, focused on increasing comfortable living and reducing CO₂ emissions.

ROTHO BLAAS SRL

Via dell'Adige N.2/1 | 39040, Cortaccia (BZ) | Italia
Tel: +39 0471 81 84 00 | Fax: +39 0471 81 84 84
info@rothoblaas.com | www.rothoblaas.com

