



Quarter round cutter

Application:

Router cutter for rounding with template, guide ring, side stop or guide rail system.

Machine:

Portable routers.

Workpiece material:

Softwood and hardwood, chipboard and fibre materials (MDF, HDF etc.), uncoated, plastic coated, veneered etc., laminated veneer lumber (plywood, multiplex plywood etc.).

Technical information:

Edges with shear angle, without plunging tip.



Quarter round cutter, HW, Z 2

WO 531 1 01

D	D ₀	SB	GL	S	R	DRI	ID
mm	mm	mm	mm	mm	mm		
17	11	10	41	8x30	3	RH	072429 ●
19	11	11	42	8x30	4	RH	072431 ●
21	11	12	43	8x30	5	RH	072433 ●
23	11	13	44	8x30	6	RH	072435 ●
27	11	15	45	8x30	8	RH	072437 ●

RPM: n = 18000 - 27000 min⁻¹



Guttering mould cutter

Application:

Router cutter for cutting draining grooves and for copy shaping.

Machine:

Portable routers.

Workpiece material:

Softwood and hardwood, chipboard and fibre materials (MDF, HDF etc.), uncoated, plastic coated, veneered etc., laminated veneer lumber (plywood, multiplex plywood etc.).

Technical information:

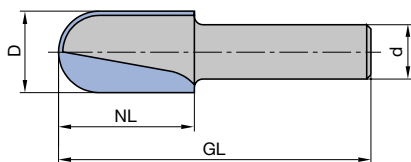
For use with separate guide rings and templates, side stop or guide rail system.



Guttering mould cutter, HW, Z 2, shank 8 mm

WO 531 1, WO 531 1 06

D	GL	NL	S	R	DRI	ID
mm	mm	mm	mm	mm		
8	38	8	8x30	4	RH	041153 □
16	65	25	8x30	5	RH	072616 □
12.7	40	10	8x30	6.35	RH	072403 □
16	41	11	8x30	8	RH	072405 □
19.4	41	11	8x30	9.7	RH	072057 □
25.4	44	14	8x30	12.7	RH	072058 □



Guttering mould cutter without guide ring

Guttering mould cutter, HW, Z 2, shank 12 mm

WO 531 1

D	GL	NL	S	R	DRI	ID
mm	mm	mm	mm	mm		
30	60	20	12x40	15	RH	072222 □
40	65	25	12x40	20	RH	072239 □

RPM: n = 18000 - 27000 min⁻¹

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5. Routing

5.5 Portable routers 5.5.2 Tools for profiling



V-groove / engraving cutter

Application:

Routers for cutting V-grooves and engraving.

Machine:

Portable routers.

Workpiece material:

Softwood and hardwood, chipboard and fibre materials (MDF, HDF etc.), uncoated, plastic coated, veneered etc., laminated veneer lumber (plywood, multiplex plywood etc.).

Technical information:

Cutting edges with shear angle. Z 1 suitable for fine engraving operations.



HS/HW, Z 1

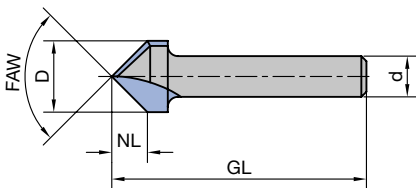
WO 531 1

D	GL	NL	S	FAW	QAL	DRI	ID
mm	mm	mm	mm	°			
11	50	9.5	8x30	60°	HW	RH	070562 □
11	55	9.5	8x30	60°	HS	RH	070262 □

HS/HW, Z 2

WO 531 1

D	GL	NL	S	FAW	QAL	DRI	ID
mm	mm	mm	mm	°			
11	50	9.5	8x30	60°	HS	RH	072421 □
14	50	7	8x30	90°	HS	RH	072423 □
14	50	7	8x30	90°	HW	RH	072425 □



RPM: n = 18000 - 27000 min⁻¹

V-groove / engraving cutter

5. Routing

5.5 Portable routers

5.5.4 Tools for composite panels



V-groove cutter for composite panels

Application:

Routers for cutting V-grooves in composite panels for folding operations.

Machine:

Portable routers.

Workpiece material:

Composite panels based on thermoplastic cores with aluminium coverage on both sides (e.g. Alucobond®, Dibond® etc.).

Technical information:

Stable edges, flat point for folding operations.



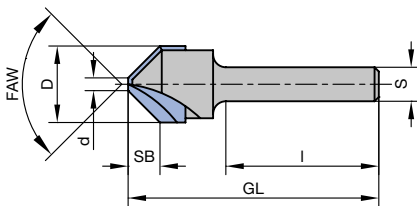
HW, Z 2

WO 531 2

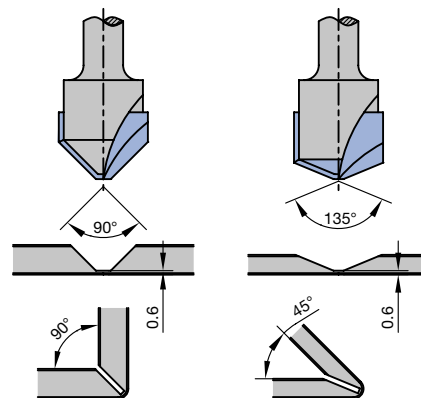
D	d	GL	NL	S	FAW	QAL	Z	DRI	ID
mm	mm	mm	mm	mm	°				
18	3	59	8	8x39	90°	HW	2	RH	070564 □
18	2	59	3.3	8x39	135°	HW	2	RH	070565 □

RPM: n = 18000 - 27000 min⁻¹

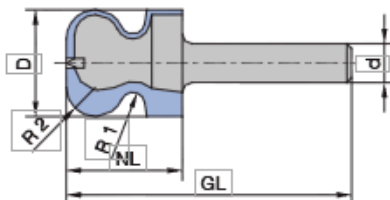
Application example:



V-groove cutter for composite panels



Production of folding corners on composite panels



Finger pull cutter WO 532 1

HW, Z 2, finger pull cutter

WO 532 1

D	GL	NL	S	R1	R2	DRI	ID
mm	mm	mm	mm	mm	mm		
22	59	16	8x30	2.5	6	RH	072624 □

RPM: n = 18000 - 27000 min⁻¹

5. Routing

5.4 Profiling

5.4.4 Tools for multi-purpose profiles



Router cutter - ProfilDiamaster ball nose

Application:

Routers to cut radius profiles in panels for furniture and interior construction.

Machine:

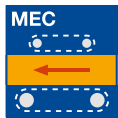
Stationary routers with/without CNC control, machining centres, milling machines with spindles to mount shank tools.

Workpiece material:

Chipboard and fibre materials (MDF, HDF etc.), uncoated, plastic coated, veneered etc.

Technical information:

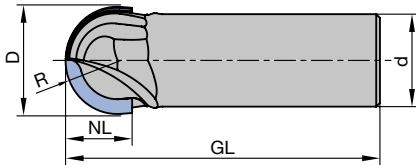
DP profile edges with shear angles. Resharpenable 3 to 5 times with normal wear.



DP, Z 2

WO 531 2 51

D	GL	NL	S	R	DRI	ID
mm	mm	mm	mm	mm		
20	75	12	20x55	10	RH	191035
20	80	12	25x60	10	RH	191036
30	80	18	20x55	15	RH	191037
30	85	18	25x60	15	RH	191038
40	90	24	20x55	20	RH	191039
40	95	24	25x60	20	RH	191040



RPM: n = 18000 - 24000 min⁻¹

Other profiles on request.

Application example:

MDF wall covering or MDF furniture part





Guttering mould cutter with guide ring

Application:

Router for cutting cove moulds.

Machine:

Portable routers.

Workpiece material:

Softwood and hardwood, chipboard and fibre materials (MDF, HDF etc.), uncoated, plastic coated, veneered etc., laminated veneer lumber (plywood, multiplex plywood etc.).

Technical information:

Cutting edges with shear angle, ball bearing guide ring on bottom for use with templates or guide rail system.



HW, Z 2

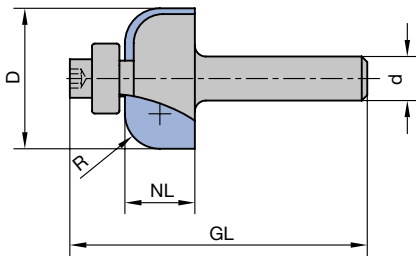
WO 551 1, WO 551 1 02

D	GL	NL	S	R	DRI	ID
mm	mm	mm	mm	mm		
25.5	54	12.7	8x30	6.35	RH	072471 □
28.8	56	14	8x30	8	RH	072473 □
31.7	56	14.3	8x30	9.5	RH	072475 □
38.1	57	16	8x30	12.7	RH	072477 □

RPM: n = 18000 - 27000 min⁻¹

Spare parts:

BEZ	ABM	ID
	mm	
Ball bearing	12.7x4.97x4.76	008088 ●
Cap screw	M4x10	005846 ●



Guttering mould cutter with guide ring

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