

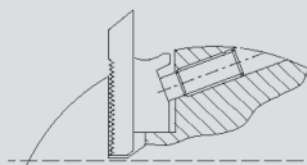
WEINIG Groove and Tongue Tool System



Original WEINIG Hydro Groove and Tongue Cutter Head Type 508

for producing groove and tongue profiles at high feed speeds.

Technical data	Ø 225 x 85 x Ø 50 mm Available groove widths 3.5 / 4.5 / 6.5 mm (must be defined by the customer!)
Operating speed:	up to 7500 rpm
Number of cutting edges:	Z = 6 - 16
Tool runout tolerance:	0.005 mm

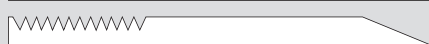


Knife clamping technique and cutting edge geometry:

Cutting angle 20° Standard Softwood / hardwood

Taper gib clamped with tightening screws.

Moulding cutters interlocked on the back.



45 x 5 x L

Knife materials:		
Cutting edge materials	Application	Tool life *
HSS knives	Softwood	up to 3000 lin.m.
Groove cutter in carbide design		

Special features:

Grinding the moulding cutter knives within the tool set provides a better knife tolerance and a better surface quality on the work piece.

Moulding cutter knives can be reground on WEINIG Rondamats 960 and 970.

Spring thickness adjustable by spacer rings.

* Tool life may vary depending on feed speed, chip removal, wood quality, humidity, material content, inclusions and quality requirements. The data are approximate values.

Hydro tongue and groove set type 508 Z = 6 - 16

Item no.	Diameter	Working width	Bore diameter	Cutting edges	Groove	Cutting edge material	
Groove	Tongue						
508.506.14	508.506.13	225 mm	40/85 mm	50 mm	6	3,5 / 4,5 / 6,5 mm	HSS
508.508.14	508.508.13	225 mm	40/85 mm	50 mm	8	3,5 / 4,5 / 6,5 mm	HSS
508.510.14	508.510.13	225 mm	40/85 mm	50 mm	10	3,5 / 4,5 / 6,5 mm	HSS
508.512.14	508.512.13	225 mm	40/85 mm	50 mm	12	3,5 / 4,5 / 6,5 mm	HSS
508.516.14	508.516.13	225 mm	40/85 mm	50 mm	16	3,5 / 4,5 / 6,5 mm	HSS

Hydro chamfer and tapered groove cutter heads

Item no.	Diameter	Working width	Bore diameter	Cutting edges	Material	
Chamfer	Tapered groove					
508.506.08	508.506.07	220 mm	30/65 mm	50 mm	6	HSS
508.508.08	508.508.07	220 mm	30/65 mm	50 mm	8	HSS
508.510.08	508.510.07	220 mm	30/65 mm	50 mm	10	HSS
508.512.08	508.512.07	220 mm	30/65 mm	50 mm	12	HSS
508.516.08	508.516.07	220 mm	30/65 mm	50 mm	16	HSS

Item no.	Item description	Dimension
507.516.014	Grooving saw HM for Z = 6, 8, 12, 16	225 mm x 3,5 mm x 80 mm
507.516.017	Grooving saw HM for Z = 6, 8, 12, 16	225 mm x 4,5 mm x 80 mm
507.516.018	Grooving saw HM for Z = 6, 8, 12, 16	225 mm x 6,5 mm x 80 mm
507.516.011	Grooving saw HM for Z = 10	225 mm x 3,5 mm x 80 mm
507.516.012	Grooving saw HM for Z = 10	225 mm x 4,5 mm x 80 mm
507.516.013	Grooving saw HM for Z = 10	225 mm x 6,5 mm x 80 mm
507.516.004	Knife blanks for groove cutter head	20 mm x 40 mm x 5 mm
507.516.005	Knife blanks for tongue cutter head	28 mm x 45 mm x 5 mm
507.516.016	Knife blanks for chamfer and tapered groove cutter head	30 mm x 45 mm x 5 mm

Useful accessories

Item no.	Item description	Dimension
00.206.914	Planer head screw	Allen screw M10 x 20 mm
00.311.560	High pressure nipple	–
00.303.856	Pressure relief valve	–
00.600.197	Spanner	Spanner width 3 mm
00.600.199	Spanner	Spanner width 5 mm
00.309.102	Hydro grease gun	see page 46
00.317.520	Grease cartridge	see page 46

Prices and additional dimensions upon request.