

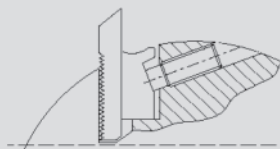
WEINIG Groove and Tongue Tool System



Original WEINIG Groove and Tongue Cutter Head Type 508

for producing groove and tongue profiles.

Technical data:	Ø 180 x 90 x Ø 40 mm Available groove widths 3.5 / 4.5 / 6.5 mm (must be defined by the customer!)
Operating speed:	up to 8000 rpm
Number of cutting edges:	Z = 4
Tool runout tolerance:	0.002 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.

Knife materials:

Cutting edge materials	Application	Tool life *
HSS knives	Softwood	500 – 3000 lin.m.

Groove cutter in carbide design.



50 x 8 x L

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.

Groove cutter can be reground on Rondamat 168.

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

Tools type 508 groove and tongue Z = 4

Item no.		Diameter	Working width	Bore diameter	Cutting edges	Groove	Cutting edge material
Groove	Tongue						
508.001.35	508.002.35	180 mm	90/60 mm	40 mm	4	3,5 mm	HSS
508.001.45	508.002.45	180 mm	90/60 mm	40 mm	4	4,5 mm	HSS
508.001.65	508.002.65	180 mm	90/60 mm	40 mm	4	6,5 mm	HSS

Item no.	Item description	Dimension
508.001.006	Carbide grooving saw	180 mm x 3,5 mm x 50 mm
508.001.007	Carbide grooving saw	180 mm x 4,5 mm x 50 mm
508.001.008	Carbide grooving saw	180 mm x 6,5 mm x 50 mm
508.001.009	Knife blanks for groove cutter head	30 mm x 50 mm x 8 mm
508.001.010	Knife blanks for tongue cutter head	38 mm x 50 mm x 8 mm

Useful accessories

Item no.	Item description	Dimension
00.206.914	Planer head screw	Allen screw M12 x 20 mm
00.600.351	Spanner wrench	A68 - 75
00.600.199	Spanner	Spanner width 5 mm

Prices and additional dimensions upon request.