

WEINIG Moulding Cutter Head



Original WEINIG Moulding Cutter Head Type 503

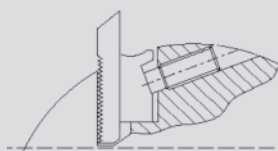
for processing smooth surfaces and mouldings.

Technical data: \varnothing 122 x 40 – 240 x \varnothing 40 mm
 \varnothing 137 x 60 – 310 x \varnothing 50 mm

Operating speed: up to 8000 rpm

Number of cutting edges: Z = 2 / 4

Tool runout tolerance: 0.02 mm



Knife clamping technique and cutting edge geometry:

Cutting angle 20° Standard Softwood / hardwood
 Cutting angle 12° Special Hardwood

Taper gib clamped with tightening screws.
 Moulding cutters interlocked on the back.

Knife materials:

	Cutting edge materials	Application	Tool life *
50 60 x 8 x L 70	HSS knives	Softwood	500 – 2000 lin.m.
55 70 x 10 x L	Stellite tipped	Hardwoods / medium hardness, without knots	500 – 1500 lin.m.
50 x 10 x L	Carbide tipped	Hardwood / exotic woods /MDF	500 – 1500 lin.m.
38 50 60 x 7,5 + 2,5 x L 70	Carbide – knife blank with supporting plate	Two-piece knife system with micro corrugations between supporting plate and carbide knife blank	

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.

Maximum profile depth of 30 mm feasible (depending on profile).

* 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 503 Z = 2 / 4

Item no.	Diameter	Working width	Bore diameter	Number of cutting edges
Cutting angle 20°				
503.122.44	122 mm	40 mm	40 mm	2
503.122.47	122 mm	60 mm	40 mm	2
503.122.50	122 mm	80 mm	40 mm	2
503.122.53	122 mm	100 mm	40 mm	2
503.122.41	122 mm	40 mm	40 mm	4
503.122.02	122 mm	60 mm	40 mm	4
503.122.38	122 mm	80 mm	40 mm	4
503.122.05	122 mm	100 mm	40 mm	4
503.122.08	122 mm	130 mm	40 mm	4
503.122.11	122 mm	150 mm	40 mm	4
503.122.14	122 mm	180 mm	40 mm	4
503.122.17	122 mm	230 mm	40 mm	4
503.137.01	137 mm	60 mm	50 mm	4
503.137.04	137 mm	100 mm	50 mm	4
503.137.07	137 mm	130 mm	50 mm	4
503.137.10	137 mm	150 mm	50 mm	4
503.137.13	137 mm	180 mm	50 mm	4
503.137.16	137 mm	230 mm	50 mm	4

Useful accessories

Item no.	Item description	Dimension
00.206.944	Planer head screw	Allen screw M12 x 20 mm
00.600.200	Spanner	Spanner width 6 mm
Upon request	Taper gibs	–

Prices and additional dimensions upon request.