

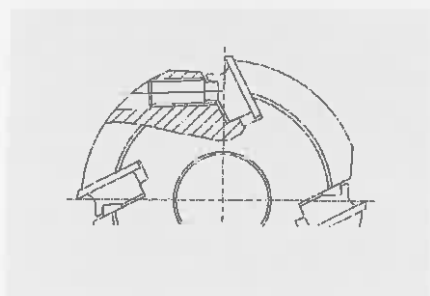
WEINIG Hydro Planer Head



Original WEINIG Hydro Planer Head Type 501

for processing smooth surfaces at high feed speeds including knives.

Technical data:	$\varnothing$ 143 x 100 – 240 x $\varnothing$ 40 mm steel Z = 4 $\varnothing$ 150 x 60 – 310 x $\varnothing$ 50 mm steel Z = 4 / 6 $\varnothing$ 163 x 60 – 310 x $\varnothing$ 50 mm steel Z = 4 / 6 / 8
Operating speed:	up to 9000 rpm
Number of cutting edges:	Z = 4 / 6 / 8
Tool runout tolerance:	0.005 mm

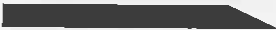


Knife clamping technique and cutting edge geometry:

Cutting angle 27°	Standard	Softwood / hardwood
Cutting angle 12°		Hardwood

Taper gib clamped with tightening screws.
Knives regrindable.

Knife materials:

	Cutting edge materials	Application	Tool life *
 30 x 3 x L	HSS knives	Softwood	500 – 3000 lin. m 1x jointing each
 30 x 3 x L	Stellite knives	Hardwood / medium hardness, without knots	500 – 1500 lin. m 1x jointing each
 30 x 3 x L	Carbide tipped	Hardwood / exotic woods / MDF	500 – 1500 lin. m 1x jointing each

Special features:

The planer knives must be ground within the tool set in order to achieve a knife tolerance of 0.005 mm which is the prerequisite for jointing. Planer knives can be reground on WEINIG Rondamats 960, 970 and 980.

Jointing the tools within the machine guarantees an absolutely true cutting circle and at the same time prolongs the tool life.

Up to 50 jointing actions feasible, jointing phase max. 0.7 mm.

Depending on cutting edge materials, various types of jointing stone are available (see page 43).

* 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 501 Z = 4 / 6 / 8

Item no.	Diameter	Working width	Bore diameter	Number of cutting edges	Cutting edge material
Cutting angle 27°					
511.150.10	150 mm	310 mm	50 mm	4	HSS
511.163.90	163 mm	60 mm	50 mm	4	HSS
501.163.01	163 mm	100 mm	50 mm	4	HSS
501.163.04	163 mm	130 mm	50 mm	4	HSS
501.163.07	163 mm	150 mm	50 mm	4	HSS
511.163.56	163 mm	170 mm	50 mm	4	HSS
501.163.10	163 mm	230 mm	50 mm	4	HSS
511.163.70	163 mm	240 mm	50 mm	4	HSS
511.163.91	163 mm	60 mm	50 mm	6	HSS
501.163.19	163 mm	100 mm	50 mm	6	HSS
501.163.25	163 mm	150 mm	50 mm	6	HSS
511.163.40	163 mm	170 mm	50 mm	6	HSS
501.163.28	163 mm	230 mm	50 mm	6	HSS
511.163.11	163 mm	240 mm	50 mm	6	HSS
Cutting angle 25°					
501.163.67	163 mm	60 mm	50 mm	8	HSS
501.163.37	163 mm	100 mm	50 mm	8	HSS
501.163.43	163 mm	150 mm	50 mm	8	HSS
501.163.46	163 mm	230 mm	50 mm	8	HSS
511.163.76	163 mm	240 mm	50 mm	8	HSS

Useful accessories

Item no.	Item description	Dimension
00.206.948	Planer head screw Z = 4 + 6	Allen screw M12 x 30 mm
00.206.946	Planer head screw Z = 8	Allen screw M12 x 25 mm
auf Anfrage	Clamping jaws	—
00.309.102	Hydro grease gun	see page 46
00.317.520	Grease cartridge	see page 46
00.600.200	Spanner	Spanner width 6 mm
—	Precision setting gauge	see page 41

Prices and additional dimensions upon request.