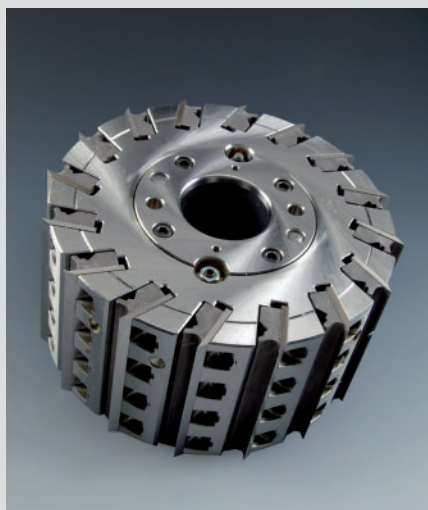


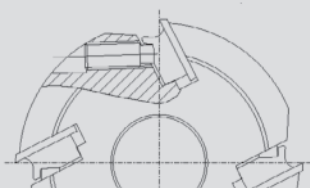
# WEINIG Hydro Planer Head



## Original WEINIG Hydro Planer Head Type 502 Rotaplan

for processing smooth surfaces with top surface quality at high feed speeds including knives.

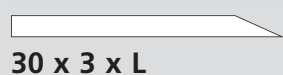
Technical data:	Ø 203 x 100 – 330 x Ø 50 steel Z = 6 – 16
Operating speed:	up to 7500 rpm
Number of cutting edges:	Z = 6 - 16
Tool runout tolerance:	0.005 mm



### Knife clamping technique and cutting edge geometry:

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

Taper gib clamped with tightening screws.  
Knives regrindable.



30 x 3 x L



30 x 3 x L



30 x 3 x L

Knife materials:		
Cutting edge materials	Application	Tool life *
HSS knives	Softwood	500 – 1000 lin.m. 1x jointing each
Stellite knives	Hardwood / medium hardness, without knots	500 – 1000 lin.m. 1x jointing each
Carbide tipped	Hardwood / exotic woods /MDF	500 – 1000 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 502 Z = 6 – 16

Item no.	Diameter	Working width	Bore diameter	Number of cutting edges	Cutting edge material
<b>Cutting angle 27°</b>					
502.203.01	203 mm	150 mm	50 mm	6	HSS
502.203.30	203 mm	230 mm	50 mm	6	HSS
502.203.05	203 mm	150 mm	50 mm	8	HSS
502.203.07	203 mm	230 mm	50 mm	8	HSS
<b>Cutting angle 23°</b>					
502.203.13	203 mm	150 mm	50 mm	10	HSS
502.203.15	203 mm	230 mm	50 mm	10	HSS
512.203.51	203 mm	100 mm	50 mm	12	HSS
502.203.21	203 mm	150 mm	50 mm	12	HSS
502.203.23	203 mm	230 mm	50 mm	12	HSS
<b>Cutting angle 23°</b>					
512.203.53	203 mm	100 mm	50 mm	16	HSS
512.203.54	203 mm	150 mm	50 mm	16	HSS
512.203.48	203 mm	230 mm	50 mm	16	HSS

## Useful accessories

Item no.	Item description	Dimension
	Planer head screw	
00.206.948	6 / 8 Cutting edges	Allen screw M12 x 30 mm
00.206.946	10 Cutting edges	Allen screw M12 x 25 mm
00.206.944	12 / 16 Cutting edges	Allen screw M12 x 20 mm
Upon request	Taper gibs	–
00.309.102	Hydro grease gun	see page 46
00.317.520	Grease cartridge	see page 46
00.311.560	High pressure nipple	–
00.303.856	Pressure relief valve	–
00.600.197	Spanner	Spanner width 3 mm
00.600.200	Spanner	Spanner width 6 mm
–	Precision setting gauge	see page 41

Prices and additional dimensions upon request.