

Rotary tables



Carbide worm screw and ion-nitrided worm wheel ensure high wear resistance and maximum accuracy. The worm wheel is nitrided to a depth of 0.1mm with a surface hardness of 68HRC. This process created a maximally smooth surface with the result of reducing sliding friction to a minimum.

Rotary table type CNC100-4W / CNCZ100-4W

Parameters	
Diameter of table	105 mm
Spindle bore diameter	Ø60H7 Ø30
Spindle axis height	105 mm
T-slot width	16 mm
Reinforcement system	Pneumatic
Reinforcement moment in position	147 Nm
Inertia of the motor on the table shaft	0,2 kg.m ² x10-3
Servo motor	ai F4/4000i.2000 min-1
Min. growth	0,001°
Rotation speed	11,1 (44,4) min-1
Gear ratio	1:180 / 1:45
Indexing accuracy	±45 s
Weight	120 kg
Max. table load vertically	15 kg
Max. table load horizontally	30 kg
Max. axial load applicable on the table	3920 N 49 (FxL) Nm 98 (FxL) Nm
Max. working moment of inertia	0,019 kg.m ² vertikálně 0,07 kg.m ² horizontal
Torque	72 Nm

