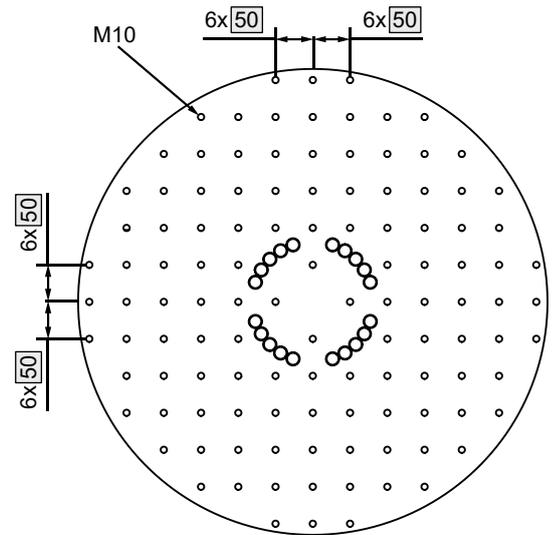




Example



Technical data

	MT-1400-6000-TPD
Load	6'000 kg
Diameter of the face plate	1400 mm
Table height	530 mm
incl. star-shaped T-slots or drilling pattern	according to requirements
Drive system	Servomotor with gearbox
Weight	1900 kg
Color	RAL 3002
Ambient temperature	+15°C to +45°C
Air humidity	max. 95%
This device is designed for	milling applications
Axis C	
Rotation range	Endless
Speed of the faceplate, max.	15 U/min (S6) / 8 U/min (S1)
System accuracy	± 4"
Repeatability	± 1"
including 2x servo motor type	Siemens 1FT7105-5AC71
Tilting torque, max.	40.000 Nm
Axial load, max.	120.000 N
Transmittable tangential torque, max.	15.000 Nm (S6) / 6.250 Nm (S1)
Mass moment of inertia, max.	2.000 kgm ²
Acceleration, max.	340 °/s ²
Required pressure	6 bar
Face plate clamping	no additional
Controller MT-1400-6000-TPD	
Controller	SIEMENS SINUMERIK ONE
Power supply	360 - 440 VAC, 50/60 Hz
Protection class	IP54

Application

The MT-1400-6000-TPD is a high-performance rotary table for use in automated production environments. With its enormous load capacity, precise concentricity and excellent torque transmission, it is ideal for demanding applications in additive and subtractive manufacturing. Especially for large-volume components, the MT-1400-6000-TPD offers a stable platform for rotary machining processes with the highest demands on accuracy and repeatability. Full integration into automation systems enables efficient, reliable production. In conjunction with robots or gantry systems, it forms the central axis for highly flexible, scalable production cells.

