

Options

RTJ

System for TU machines



Description :

Making RTJ groove bearing surfaces:

- Conical machining – Machining 2 slopes, inside and outside at an angle of 23° to vertical.
- Groove machining

Conical machining for RTJ groove bearing surfaces is done using an automatic feed combining the radial and axial feeds on the SERCO portable machine.

Angular accuracy / Machining accuracy: 0.01 mm / Surface finish: Ra 1.6.

Technical features:

The SERCO RTJ machine equipped in this way is designed for:

- Horizontal machining – facing
- Vertical machining – boring
- Conical machining – RTJ (23°) or any other angle (30°, 45°, etc.)

RTJ technical principles:

- Right-angle attachment: Driven by the rapid return system on the boring head.
- Universal joint: For transmitting the rotation movement in a vertical plane.
- Gear/wheel assembly: Drives the gear via the universal joint. The wheel is positioned on the machine vernier scale support.
- Clutch system: For engaging the gear on the wheel for generating the down-feed movement at the angle defined beforehand.
- Down-feed as per the predefined angle.

REF.	DESCRIPTION
RTJ system for TU 400	Attachment for machining 23° slopes (ring type joint bearing surface)
RTJ system for TU 600	Attachment for machining 23° slopes (ring type joint bearing surface)
RTJ system for TU 1100	Attachment for machining 23° slopes (ring type joint bearing surface)

