General machine tool capability

Felss FR16 rotatory swaging machine

Purpose

Rotary swaging machine in small size for the precise reduction of the outer diameter of tubes. In this configuration infeed is just possible via the feed. A centric infeed of the forming tools is not possible with this machine. In case of the use of a mandrel it is also possible to adjust the inner diameter of the tube exactly.

Specifications

- Centrically radial forming for diameter reduction of tubes
- Rotatory velocity of the swaging shaft up to 342 RPM
- Hammering frequency 40 Hz
- Maximum force per segment with normal wear: 45 kN
- Maximum force per segment with high wear: 65 kN
- Maximum outer Diameter of the tube 16 mm
- Manual feeder with rotary wheel