Taper Sleeve Flange Mandrels HKDF

Features

- For clamping diameters from 9 mm to 275 mm
- High true running accuracy
  \[ \leq 0.01 \text{ mm by HKDF 4 up to HKDF 125} \]
  \[ \leq 0.015 \text{ mm by HKDF 150 and HKDF 200} \]
- Permissible component tolerance up to IT13
- Pull-back against external backstop surface or external backstop ring by the customer
- Impervious to ingress of foreign objects due to the rubberized slots in the Taper Sleeve

Configuration

The Taper Sleeve Flange Mandrel consists of a draw plate, a seating body and a Taper Sleeve. The Taper Sleeve Flange Mandrel is attached to the machine with the seating body. The Clamping Fixture is actuated by the draw plate, which is connected to the machine power actuating unit.

Intermediate Flanges and Spring Force Actuators are shown starting on page 64.

Clamping principle

For clamping, the Taper Sleeve is pulled against the seating body. The component is centred, pressed against the backstop and aligned flush.
### Taper Sleeve Flange Mandrels HKDF

#### Example for ordering

Please indicate the size of the Clamping Fixture and the clamping diameter of your component, including component tolerance, in your order:

**Size:** HKDF 30  
**Clamping diameter:** 50,47 mm  
**Component tolerance:** H7  

**HKDF 30-50,47H7**