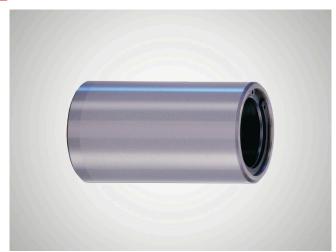
# 製品情報

# Closed Guide Bush N552

### Suitability

Design as for N 550, with stop rings fixed on both sides.

- When used in combination with shaft diameter dw ISO-h3, preloading of the rotary stroke bearings is guaranteed.
- The stop rings ensure the cage is effectively restricted for linear and rotary movements.
- Smooth running of the rotary stroke bearing is not impaired by the stop rings.



品目番号 5003050

#### **Features**

- Stop rings fixed on both sides.
- The closed guide bush and integrated ball cage form a separate component.
- Guide bore diameter d1 is finely honed to ISO tolerance IT 3, Rz 0.5 - 1.5 µm depending on diameter.
- Roundness within 1/3 ISO- 寸法 IT 3.
- Cylindricity within IT 1.
- Radial run-out of a shaft inserted under preloading is within 0.0005 mm.
- Outside diameter dB n4 with radial run-out error within IT 4, ground to guide bore diameter d1, lead-in taper on one side.
- The maximum stroke path Hmax is determined from the length of guide bush 13 and the length of the ball cage 12: Hmax = 2 (13-12).
- See catalog page 37-41 for instructions on installation and servicing.

## 技術データ

material	Steel
material number	1.3505 (AISI E52 100)
heat treatment	through-hardened
constant working temperature	150

shaft diameter (dw)	10
Inner diameter of guide bush (d1)	15
Length of guide bush (I1/L)	25
Inner dimension of guide bush (I3)	22
Outer diameter of guide bush (dB)	20
outer diameter tolerance	n4

