製品情報

Closed Guide Bush N552

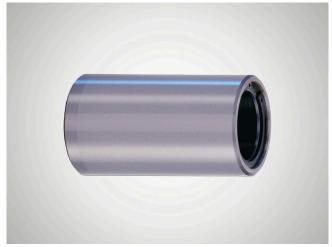
Suitability

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.

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 I3 and the length of the ball cage I2: Hmax = 2 (I3-I2).
- See catalog page 37-41 for instructions on installation and servicing.



品目番号 5003037

技術データ

material
material number
heat treatment
constant working temperature

shaft diameter (dw)	6
Inner diameter of guide bush (d1)	10
Length of guide bush (I1/L)	60
Inner dimension of guide bush (I3)	58
Outer diameter of guide bush (dB)	14
outer diameter tolerance	n4

Steel 1.3505 (AISI E52 100) through-hardened 150

dw 16-40 // dw 4-12