

# 製品情報

## Open Guide Bush N550

### Suitability

Open guide bush with tapered inside edges on both sides.

- Allows universal use.
- When used in combination with shaft diameter dw ISO-h3, preloading of the rotary stroke bearing is guaranteed.
- The ball cage can project out of the guide bush on both sides to permit longer stroke paths (note minimum contact length).
- Minimal installation space when used with Mini Range ball cages N 502.

品目番号 5002015



### 技術データ

#### Features

- 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-IT 3.
- Cylindricity within IT 1.
- Radial run-out of a shaft inserted under preloading is within 0.0005 mm.
- Tapered inside edges on both sides ensure smooth running.
- Outside diameter dB n4 with radial run-out error within IT 4, ground to guide bore diameter d1 lead-in taper on one side.
- See catalog page 37-41 for instructions on installation and servicing.

|                 |                       |
|-----------------|-----------------------|
| material        | Steel                 |
| material number | 1.3505 (AISI E52 100) |
| heat treatment  | through-hardened      |

### 寸法

|                                   |     |
|-----------------------------------|-----|
| shaft diameter (dw)               | 15  |
| Inner diameter of guide bush (d1) | 21  |
| Length of guide bush (l1/L)       | 45  |
| Outer diameter of guide bush (dB) | 25  |
| constant working temperature      | 150 |
| outer diameter tolerance          | n4  |

