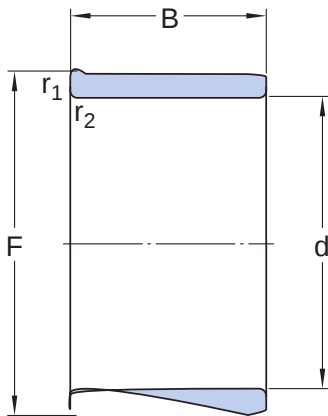


## IR 70X80X54

Inner rings for needle roller bearings are available as separate components. They are typically combined with needle roller and cage assemblies or drawn cup needle roller bearings in applications where the shaft cannot be hardened and ground. The inner rings in the IR series are the standard NR inner rings for needle roller bearings. They are hardened and ground and have a precision ground raceway surface with a lead-in chamfer on both sides.



- Enable full interchangeability of inner rings
- Standard NR inner rings for needle roller bearings
- Accommodate axial displacement in both directions
- Chamfers facilitate assembly and protect seal lips during mounting



| Dimensions          |           |                              |
|---------------------|-----------|------------------------------|
| d                   | 70 mm     | Bore diameter                |
| F                   | 80 mm     | Raceway diameter             |
| B                   | 54 mm     | Width                        |
| r, r <sub>1,2</sub> | min. 1 mm | Chamfer dimension inner ring |

### Tolerances and clearances

#### GENERAL BEARING SPECIFICATIONS

- Tolerances: IR series, LR series, raceways