

Image may differ from product. See technical specification for details.

# IR 12X16X13

## Inner ring for needle roller bearings, IR series

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 SKF inner rings for needle roller bearings.

- Enable full interchangeability of inner rings
- Standard SKF inner rings for needle roller bearings
- Accommodate axial displacement in both directions

# Overview

## Dimensions

| | |
|---|---|
| Bore diameter | 12 mm |
| Outside diameter | 16 mm |
| Width | 13 mm |
| Raceway diameter | 16 mm |

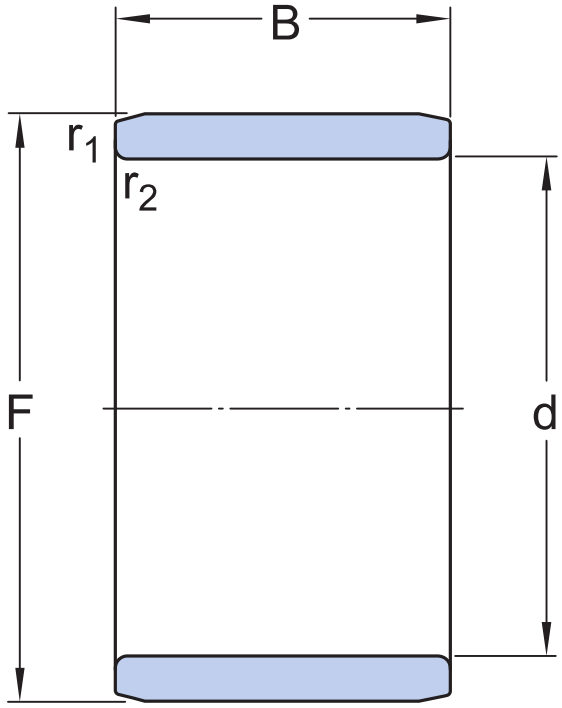
## Properties

| | |
|---|---|
| Special raceway feature | None |
| Radial internal clearance | CN |
| Tolerance class | Normal |
| Material | Bearing steel |
| Coating | Without |
| Relubrication feature | Without |

## Logistics

| | |
|---|---|
| Product net weight | 0.0086 kg |
| eClass code | 23-05-09-03 |
| UNSPSC code | 31171512 |

## Technical specification




### Dimensions

| | | |
|---|---|---|
| d | 12 mm | Bore diameter |
| F | 16 mm | Raceway diameter |
| B | 13 mm | Width |
| r, $r_{1,2}$ | min. 0.3 mm | Chamfer dimension inner ring |

### Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: IR series, LR series, raceways

## More Information

### Product details

- General bearing specifications
- Designation system

### Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing failure and how to prevent it

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