

# IR 8X12X10.5 Inner ring for needle roller bearings, IR series



## 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    | 8 mm    |
| Outside diameter | 12 mm   |
| Width            | 10.5 mm |
| Raceway diameter | 12 mm   |

## Properties

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

## Technical Specification



### Dimensions

|                          |         |                              |
|--------------------------|---------|------------------------------|
| d                        | 8 mm    | Bore diameter                |
| F                        | 12 mm   | Raceway diameter             |
| B                        | 10.5 mm | Width                        |
| r, r <sub>1</sub> , min. | 0.3 mm  | Chamfer dimension inner ring |

### Mass

|                 |          |
|-----------------|----------|
| Mass inner ring | 0.005 kg |
|-----------------|----------|

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