



# IR 50X55X20 IS1 Inner ring for needle roller bearings, IR series, with lubrication feature

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Inner rings with relubrication features 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. The inner ring contains a lubrication hole to facilitate relubrication.

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

## Overview

### Dimensions

Bore diameter	50 mm
Outside diameter	55 mm
Width	20 mm
Raceway diameter	55 mm

## Properties

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

## Technical Specification



### Dimensions

d	50 mm	Bore diameter
F	55 mm	Raceway diameter
B	20 mm	Width
r, r <sub>1</sub> , min.	0.6 mm	Chamfer dimension inner ring

### Mass

Mass inner ring	0.063 kg
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