

# IR 70X80X54 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. 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 SKF inner rings for needle roller bearings
- Accommodate axial displacement in both directions
- Chamfers facilitate assembly and protect seal lips during mounting

## Overview

### Dimensions

Bore diameter	70 mm
Outside diameter	80 mm
Width	54 mm
Raceway diameter	80 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	70 mm	Bore diameter
F	80 mm	Raceway diameter
B	54 mm	Width
r, r <sub>1</sub>	min. 1 mm	Chamfer dimension inner ring

### Mass

Mass inner ring	0.5 kg
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