

IR 85X100X63Inner ring for needle roller bearings, IR series

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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	85 mm
Outside diameter	100 mm
Width	63 mm
Raceway diameter	100 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	85 mm	Bore diameter
F	100 mm	Raceway diameter
B	63 mm	Width
$r, r_{1,}$	min. 1.1 mm	Chamfer dimension inner ring

Mass

Mass inner ring	1.07 kg

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