



IR 8X12X10 IS1 Inner ring for needle roller bearings, IR series, with lubrication feature

Inner ring for needle roller bearings, IR series, with lubrication feature

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	8 mm
Outside diameter	12 mm
Width	10 mm
Raceway diameter	12 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	8 mm	Bore diameter
F	12 mm	Raceway diameter
B	10 mm	Width
r, r ₁ , min.	0.3 mm	Chamfer dimension inner ring

Mass

Mass inner ring	0.0048 kg
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