



## SKF Inner Ring with Lubrication hole Series: IR..IS1

Inner rings 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. Inner rings are available in two series: IR series with or without a lubrication hole and the LR series.

### IR series inner rings:

- are the standard inner rings for needle roller bearings
- are hardened and ground
- have a precision ground raceway surface with a lead-in chamfer on both sides
- are available in some sizes with a lubrication hole [designation suffix IS1]

### LR series inner rings:

- are hardened, and the bore and raceway diameter are ground
- side faces are turned and the edges are smoothed
- can be used to provide a cost-effective bearing arrangement for applications where the larger run-out and width tolerances are less important

### Characteristics

**Series:** IR..IS1

**with Lubrication hole:** Yes

| Manufacturer ID | Inner diameter<br>mm | Outer diameter<br>mm | Width<br>mm | Article  |
|-----------------|----------------------|----------------------|-------------|----------|
| IR 8X12X10 IS1  | 8                    | 12                   | 10          | 23766148 |
| IR 10X14X12 IS1 | 10                   | 14                   | 12          | 23766045 |
| IR 25X30X16 IS1 | 25                   | 30                   | 16          | 23766085 |
| IR 40X50X20 IS1 | 40                   | 50                   | 20          | 23766108 |
| IR 50X55X20 IS1 | 50                   | 55                   | 20          | 23766114 |

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