



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 mm	Outer diameter mm	Width mm	Article
IR 8X12X10 IS1	8	12	10	23766148
IR 10X14X12 IS1	10	14	12	23766045
IR 12X16X12 IS1	12	16	12	23766054
IR 25X30X16 IS1	25	30	16	23766085
IR 40X50X20 IS1	40	50	20	23766108
IR 45X55X20 IS1	45	55	20	24003567
IR 50X55X20 IS1	50	55	20	23766114
IR 50X60X20 IS1	50	60	20	23766117

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