



SKF Inner Ring Series: IR

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

with Lubrication hole: No

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Article
IR 12X16X20	12	16	20	IR12X16X20-SKF
IR 14X17X17	14	17	17	IR14X17X17-SKF
IR 17X20X20	17	20	20	IR17X20X20-SKF
IR 17X20X20.5	17	20	20.5	IR17X20X20.5-SKF
IR 25X30X30	25	30	30	IR25X30X30-SKF
IR 25X30X38.5	25	30	38.5	IR25X30X38.5-SKF
IR 28X32X30	28	32	30	IR28X32X30-SKF
IR 30X35X20	30	35	20	IR30X35X20-SKF
IR 30X35X30	30	35	30	IR30X35X30-SKF
IR 35X40X17	35	40	17	IR35X40X17-SKF
IR 35X40X20	35	40	20	IR35X40X20-SKF
IR 40X45X20	40	45	20	IR40X45X20-SKF
IR 40X45X30	40	45	30	IR40X45X30-SKF
IR 40X48X22	40	48	22	IR40X48X22-SKF
IR 45X52X22	45	52	22	IR45X52X22-SKF
IR 45X55X22	45	55	22	IR45X55X22-SKF
IR 60X70X28	60	70	28	IR60X70X28-SKF
IR 80X90X35	80	90	35	IR80X90X35-SKF
IR 100X110X30	100	110	30	IR100X110X30-SKF
IR 220X240X50	220	240	50	IR220X240X50-SKF

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