


**The Timken Company**

4500 Mt Pleasant St. NW

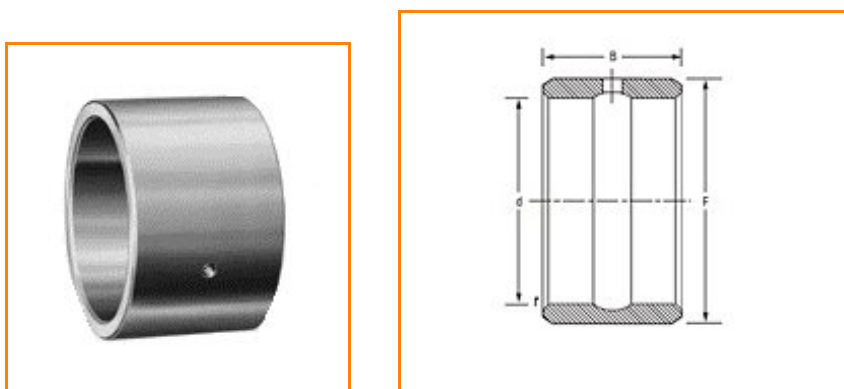
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## Timken Part Number IR-648040, Inner Ring (IR)

- Ideal choice where the shaft is not practical to use as inner raceway.
- Designed to meet established inch tolerances.
- Maximum shaft fillet radius cannot exceed inner-ring bore chamfer as shown.
- Optional centralized lubrication groove (bore) or through hole available – specify when ordering.
- Designed to be axially clamped against shoulder for loose transition fit on shaft.
- After mounting, for tight transition fit (keeping inner ring from rotating relative to shaft), inner-ring O.D. must not

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## Dimensions

<b>Shaft Diameter</b>	4.000 in
<b>Dimension D</b>	4.000 in 101.600 mm
<b>Dimension F</b>	5.000 in 127 mm
<b>Dimension B</b>	2.500 in 63.50 mm
<b>Chamfer <math>r_{\text{smin}}</math></b>	0.10 in 2.54 mm

## Specifications



<b>Max. Loose Transition Fit S</b>	101.587 mm 3.9995 in
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<b>Min. Loose Transition Fit S</b>	101.567 mm 3.9987 in
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<b>Max. Interference Fit</b>	101.628 mm 4.0011 in
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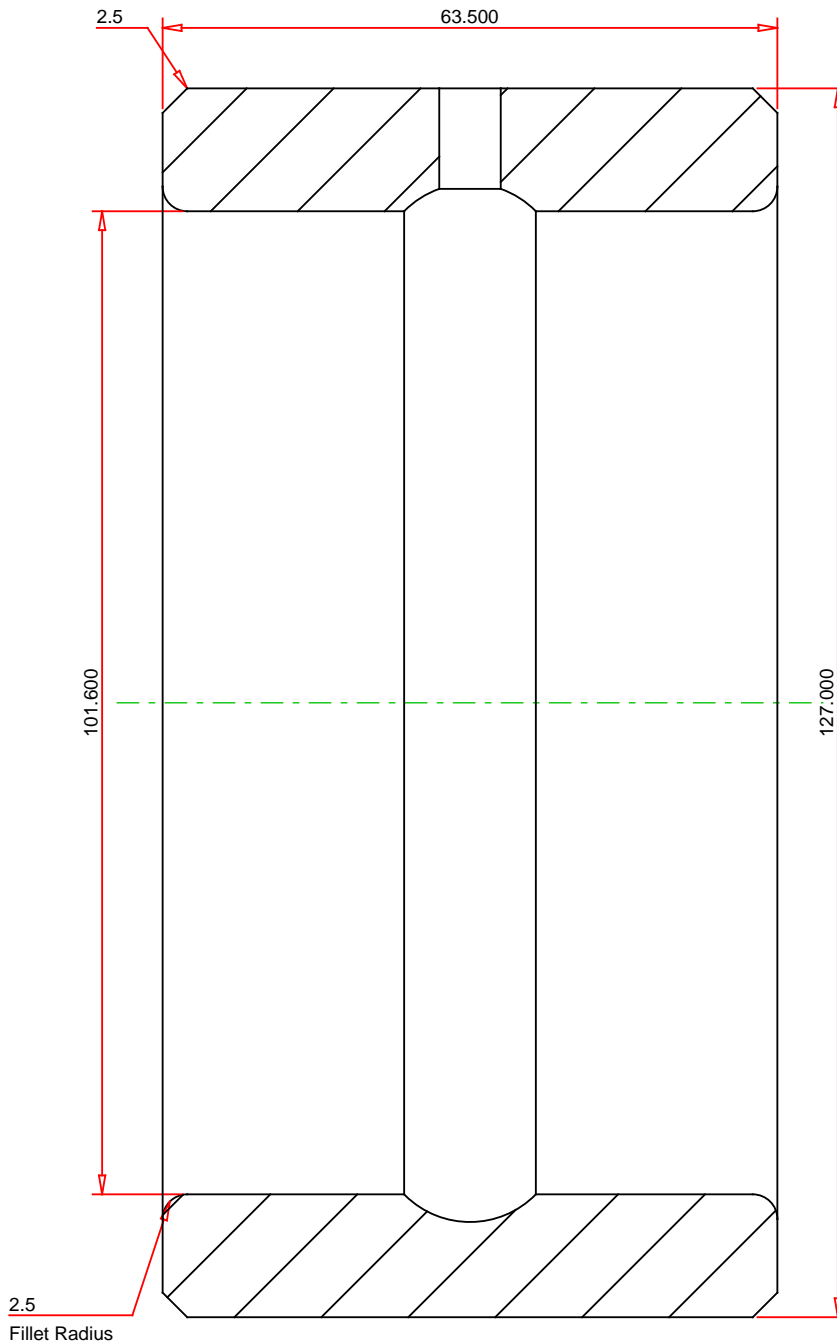
<b>Min. Interference Fit</b>	101.613 mm 4.0005 in
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<b>Weight</b>	5.010 lb 2.272 Kg
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## Sub Assembly Part Numbers



<b>Used with Bearing Designation</b>	HJ-8010440
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METRIC UNITS

Bearing Weight 2.2 kg

**TIMKEN®**

**THE TIMKEN COMPANY**  
NORTH CANTON, OHIO USA

**IR-648040**  
CYLINDRICAL ROLLER BEARINGS

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**FOR DISCUSSION ONLY**