


The Timken Company

4500 Mt Pleasant St. NW

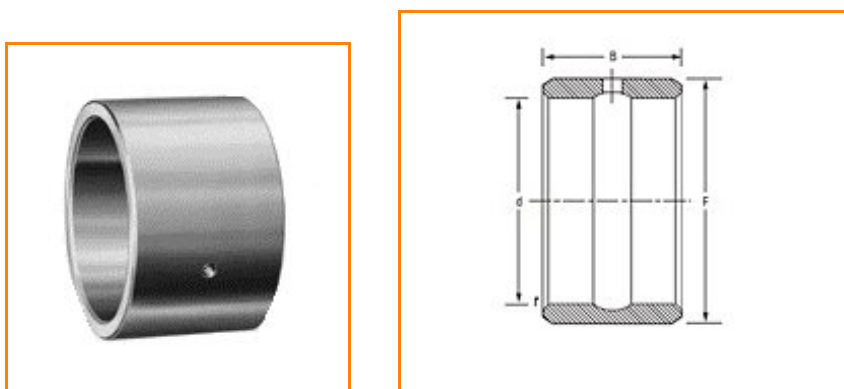
N. Canton, OH 44720

Phone: (234) 262-3000

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Timken Part Number IR-8810448, 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

| | |
|---|-----------------------|
| Shaft Diameter | 5.500 in |
| Dimension D | 5.50 in 139.7 mm |
| Dimension F | 6.500 in 165.10 mm |
| Dimension B | 3.000 in 76.20 mm |
| Chamfer r_{smin} | 0.12 in 3.05 mm |

Specifications



| | |
|------------------------------------|-------------------------|
| Max. Loose Transition Fit S | 139.685 mm 5.4994 in |
|------------------------------------|-------------------------|

| | |
|------------------------------------|-------------------------|
| Min. Loose Transition Fit S | 139.662 mm 5.4985 in |
|------------------------------------|-------------------------|

| | |
|------------------------------|-------------------------|
| Max. Interference Fit | 139.733 mm 5.5013 in |
|------------------------------|-------------------------|

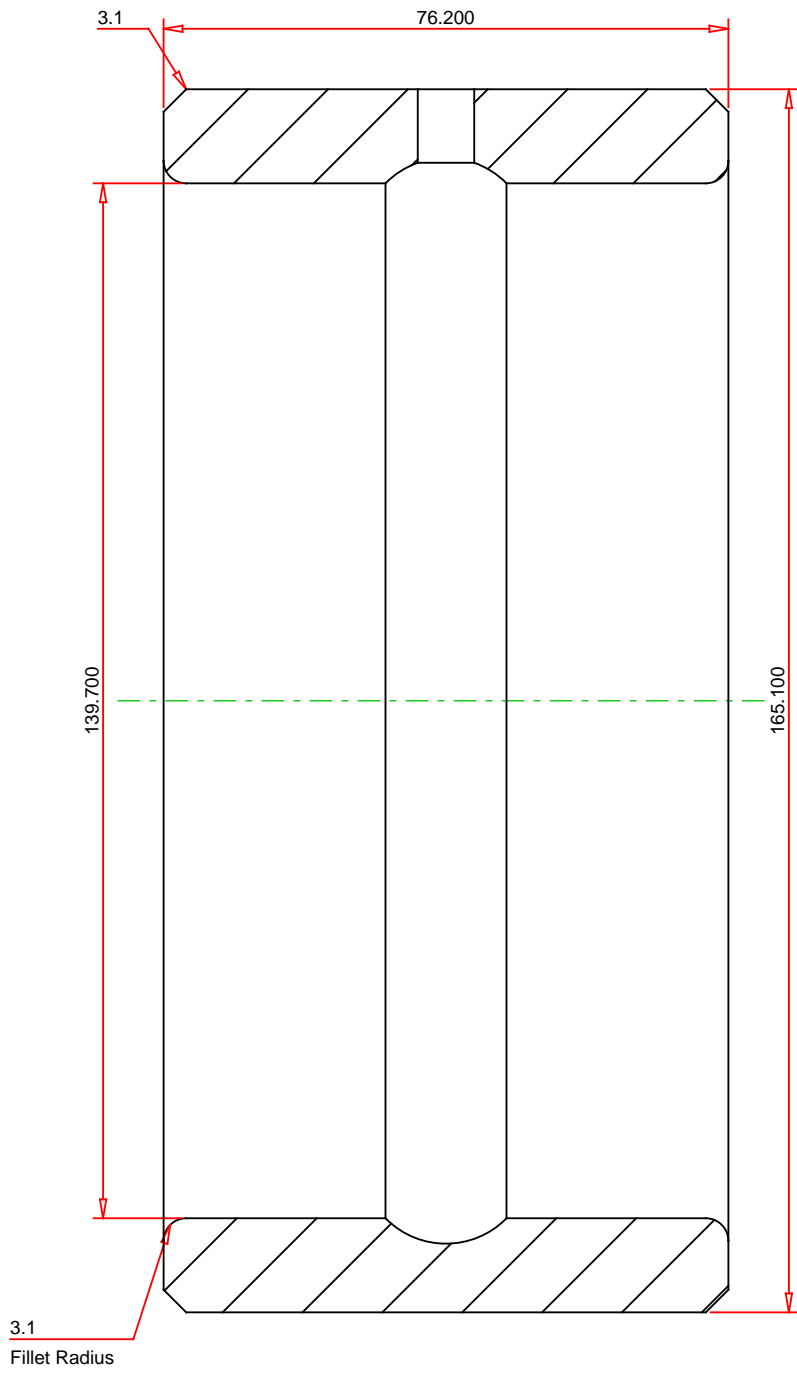
| | |
|------------------------------|-------------------------|
| Min. Interference Fit | 139.715 mm 5.5006 in |
|------------------------------|-------------------------|

| | |
|---------------|------------------|
| Weight | 8 lb 3.629 Kg |
|---------------|------------------|

Sub Assembly Part Numbers



| | |
|--------------------------------------|-------------|
| Used with Bearing Designation | HJ-10412848 |
|--------------------------------------|-------------|



METRIC UNITS

Bearing Weight 3.6 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

IR-8810448
CYLINDRICAL ROLLER BEARINGS

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FOR DISCUSSION ONLY