



The Timken Company

4500 Mt Pleasant St. NW

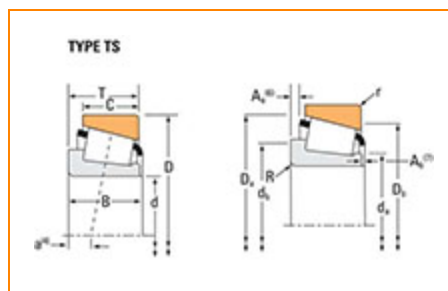
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Part Number 372, Tapered Roller Bearings - Single Cups - Imperial

This is the most basic and most widely used type of tapered roller bearing. It consists of two main separable parts: the cone (inner ring) assembly and the cup (outer ring). It is typically mounted in opposing pairs on a shaft.



[Specifications](#) | [Dimensions](#) | [Abutment and Fillet Dimensions](#) | [Factors](#)

Specifications

| | |
|-----------------|----------|
| Series | 375 |
| Cup Part Number | 372 |
| Design Units | Imperial |

Dimensions

| | |
|------------------------|-------------------------|
| D - Cup Outer Diameter | 3.9370 in 100.000 mm |
| C - Cup Width | 0.8592 in 21.824 mm |

Abutment and Fillet Dimensions

| | |
|---|---------------------|
| r - Cup Backface "To Clear" Radius¹ | 0.08 in 2.03 mm |
| Da - Cup Frontface Backing Diameter | 3.56 in 90.42 mm |
| Db - Cup Backface Backing Diameter | 3.39 in 86.11 mm |

Factors

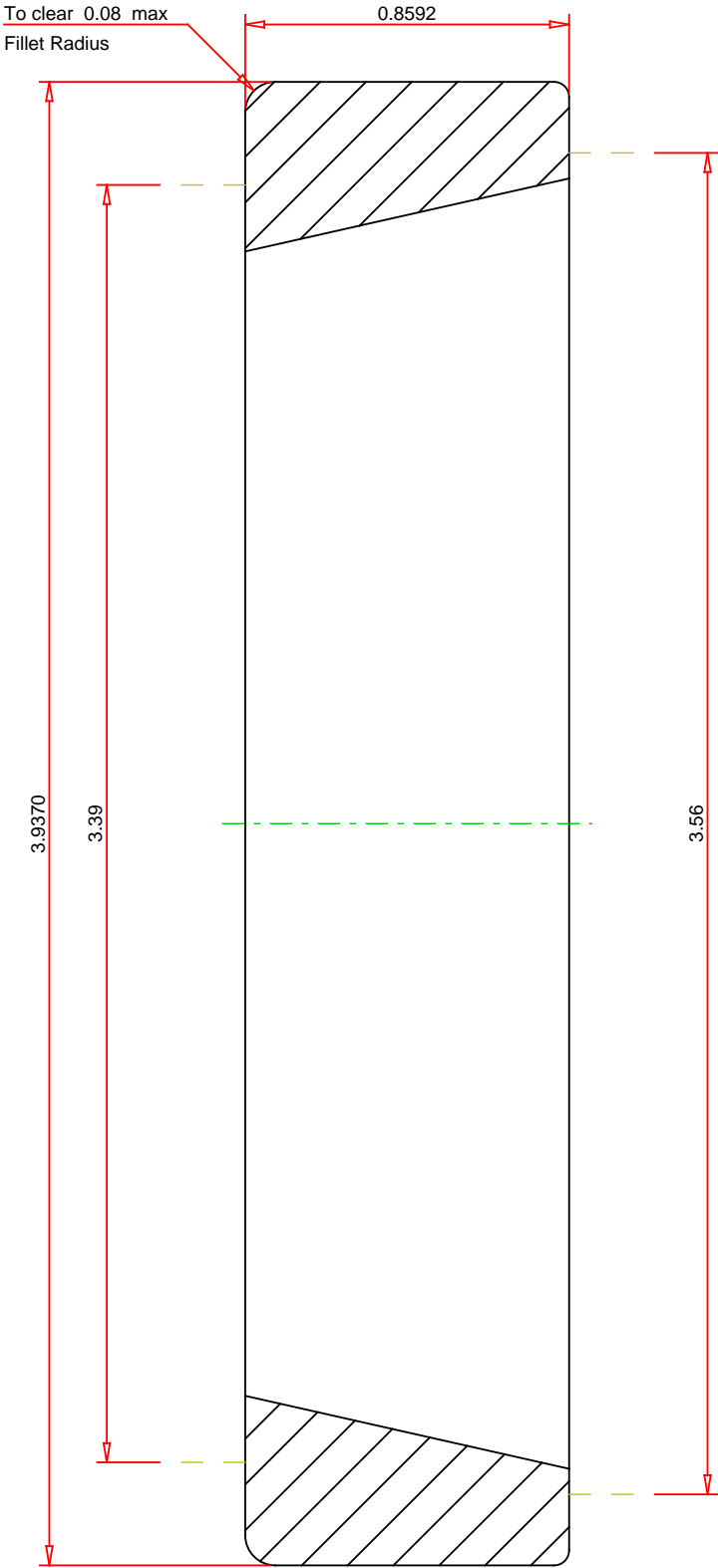
| | |
|---|--------|
| e - ISO Factor² | 0.34 |
| Y - ISO Factor³ | 1.77 |
| Cg - Geometry Factor⁴ | 0.0816 |

¹ These maximum fillet radii will be cleared by the bearing corners.

² These factors apply for both inch and metric calculations. Consult your Timken representative for instruction on use.

³ These factors apply for both inch and metric calculations. Consult your Timken representative for instruction on use.

⁴ Geometry constant for Lubrication Life Adjustment Factor a3l.



IMPERIAL UNITS

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

372
SINGLE TAPERED CUP