



The Timken Company

4500 Mt Pleasant St. NW

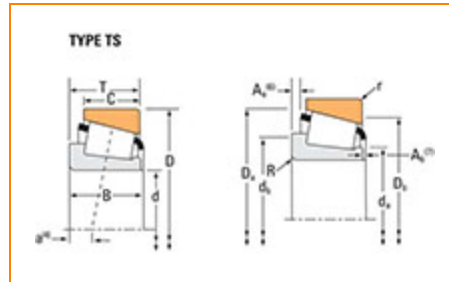
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Part Number LM67010, Tapered Roller Bearings - Single Cups - Imperial

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.



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Specifications

Series	LM67000
Cup Part Number	LM67010
Design Units	Imperial

Dimensions

D - Cup Outer Diameter	2.3280 in 59.131 mm
C - Cup Width	0.4650 in 11.811 mm



Abutment and Fillet Dimensions

r - Cup Backface "To Clear" Radius¹	0.050 in 1.27 mm
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Da - Cup Frontface Backing Diameter	2.24 in 55.90 mm
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Db - Cup Backface Backing Diameter	2.05 in 52.07 mm
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Factors

e - ISO Factor²	0.41
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Y - ISO Factor³	1.46
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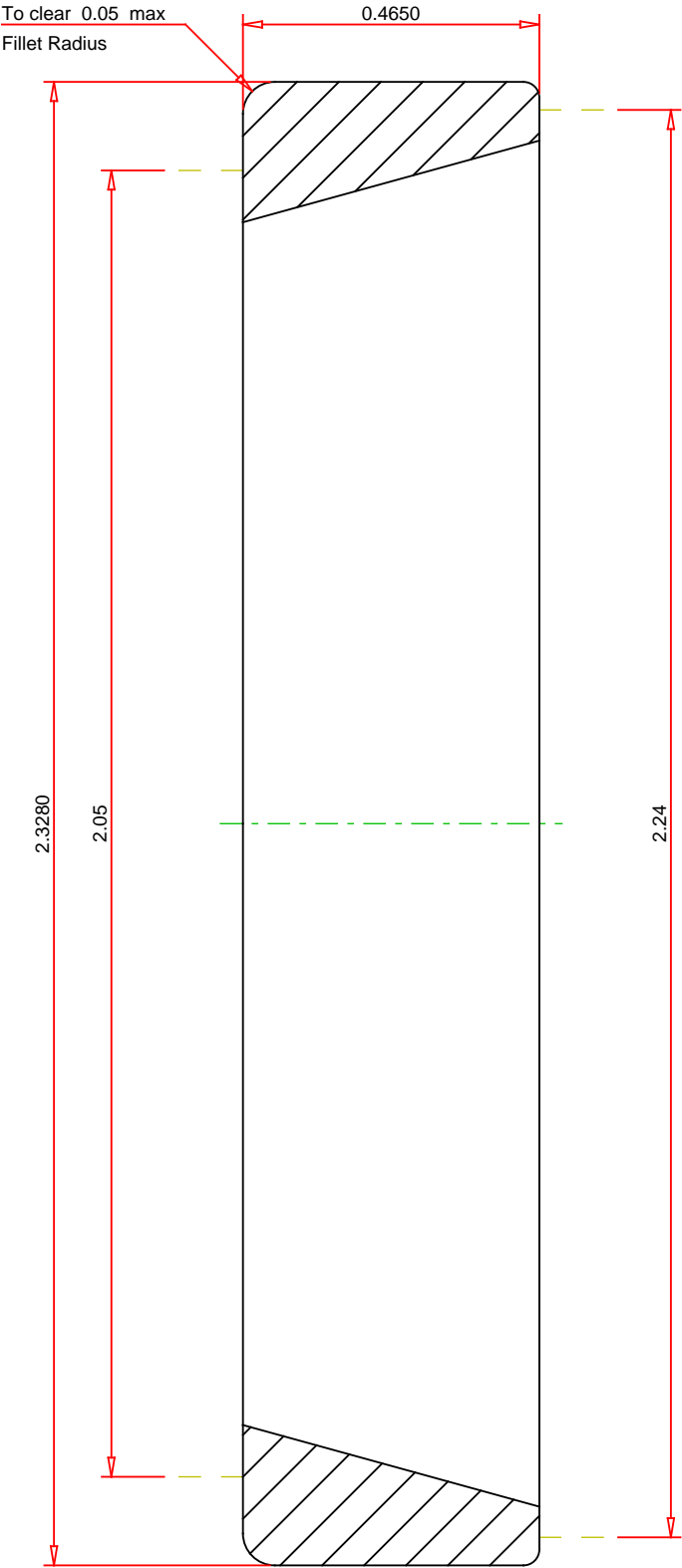
Cg - Geometry Factor⁴	0.062
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¹ These maximum fillet radii will be cleared by the bearing corners.

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

LM67010
Tapered Roller Bearings - Single Cups - Imperial

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FOR DISCUSSION ONLY