



The Timken Company

4500 Mt Pleasant St. NW

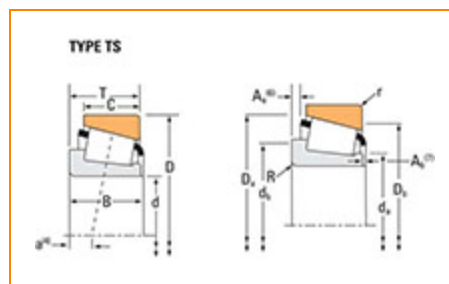
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Part Number 65320, Tapered Roller Bearings - Single Cups - Imperial

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	65300
Cup Part Number	65320
Design Units	Imperial

Dimensions

D - Cup Outer Diameter	4.5 in 114.3 mm
C - Cup Width	1.375 in 34.925 mm



Abutment and Fillet Dimensions

r - Cup Backface "To Clear" Radius¹	0.130 in 3.3 mm
Da - Cup Frontface Backing Diameter	4.25 in 107.95 mm
Db - Cup Backface Backing Diameter	3.82 in 97.03 mm

Factors

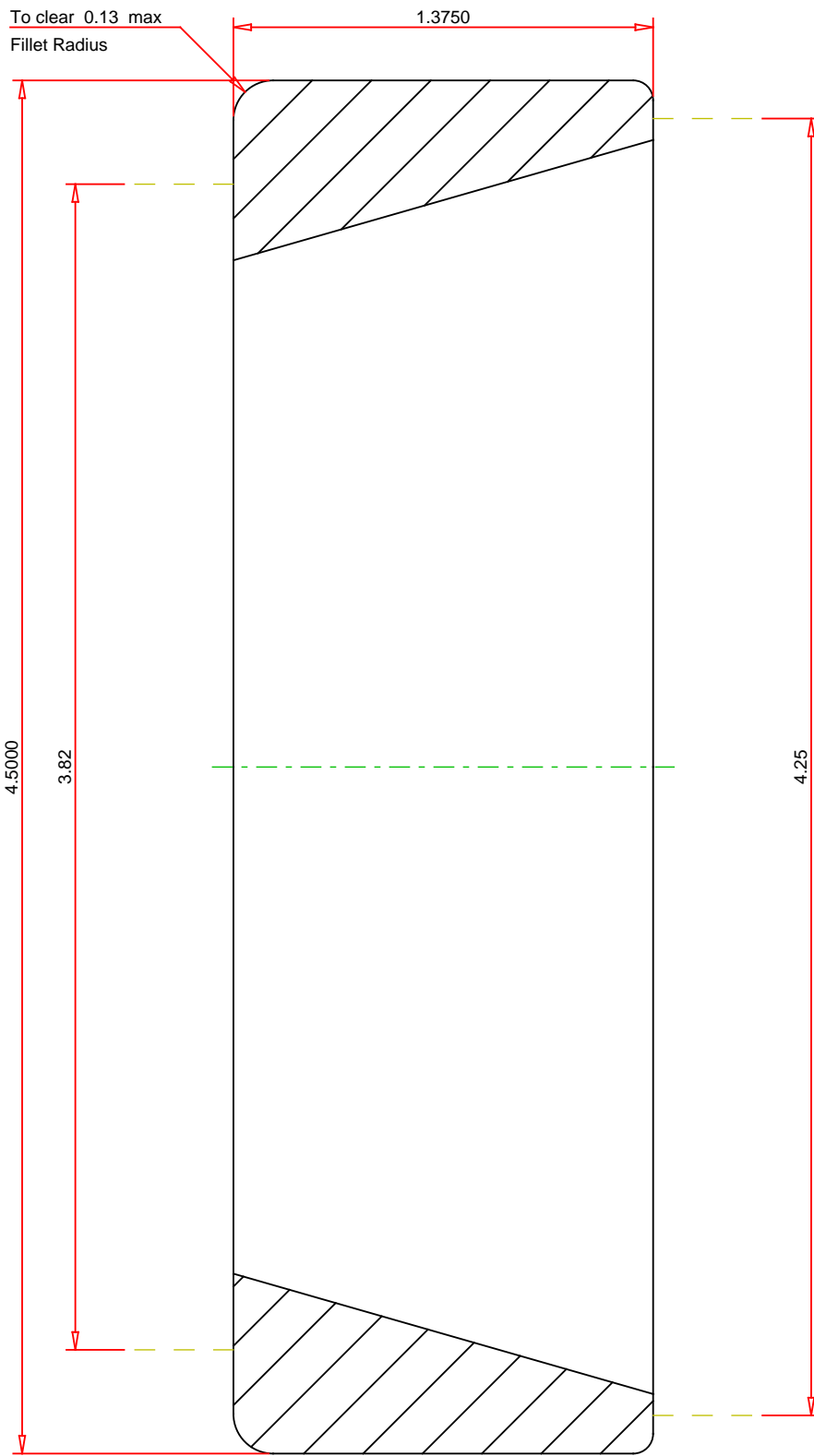
e - ISO Factor²	0.43
Y - ISO Factor³	1.39
Cg - Geometry Factor⁴	0.105

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.

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⁴ Geometry constant for Lubrication Life Adjustment Factor a3l.



IMPERIAL UNITS

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

65320
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