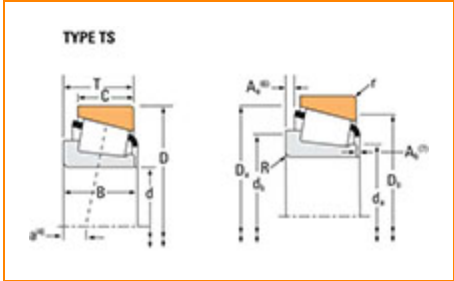




The Timken Company
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Part Number 632, Tapered Roller Bearings - Single Cups - Imperial

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	635
Cup Part Number	632
Design Units	Imperial

Dimensions	
D - Cup Outer Diameter	5.3750 in 136.525 mm
C - Cup Width	1.25 in 31.75 mm

 Abutment and Fillet Dimensions	
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r - Cup Backface "To Clear" Radius¹	0.130 in 3.30 mm
Da - Cup Frontface Backing Diameter	4.96 in 125.00 mm
Db - Cup Backface Backing Diameter	4.65 in 118.11 mm

Factors

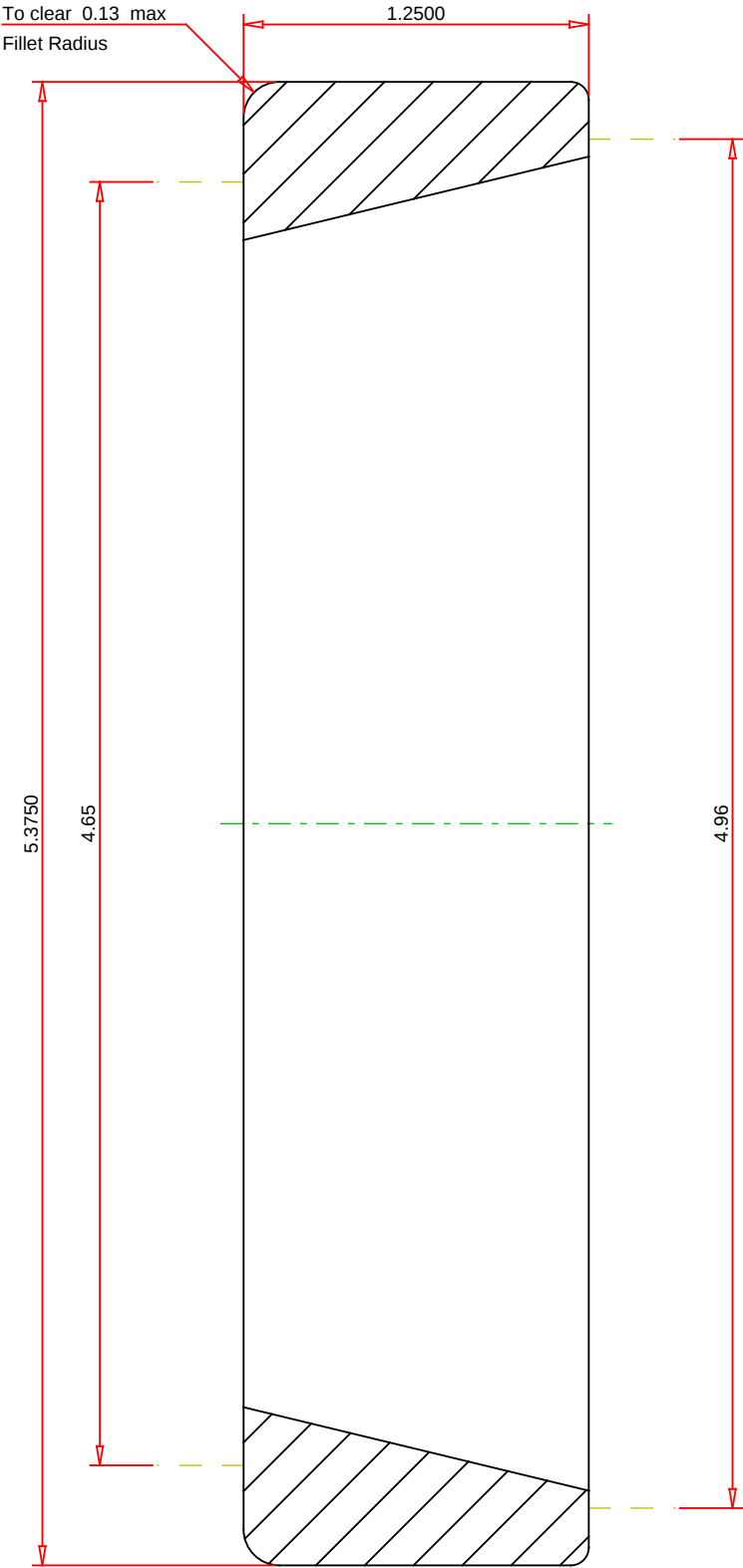
e - ISO Factor²	0.36
Y - ISO Factor³	1.66
Cg - Geometry Factor⁴	0.0814

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

632
Tapered Roller Bearings - Single Cups - Imperial