



The Timken Company

4500 Mt Pleasant St. NW

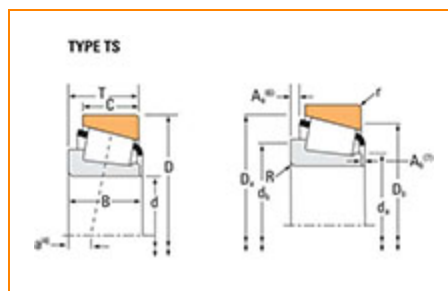
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Part Number 84155, Tapered Roller Bearings - Single Cups - Imperial

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	84000
Cup Part Number	84155
Design Units	Imperial

Dimensions

D - Cup Outer Diameter	15.5 in 393.7 mm
C - Cup Width	1.7500 in 44.450 mm

Abutment and Fillet Dimensions

r - Cup Backface "To Clear" Radius¹	0.250 in 6.35 mm
Da - Cup Frontface Backing Diameter	14.89 in 378.20 mm
Db - Cup Backface Backing Diameter	14.29 in 362.97 mm

Factors

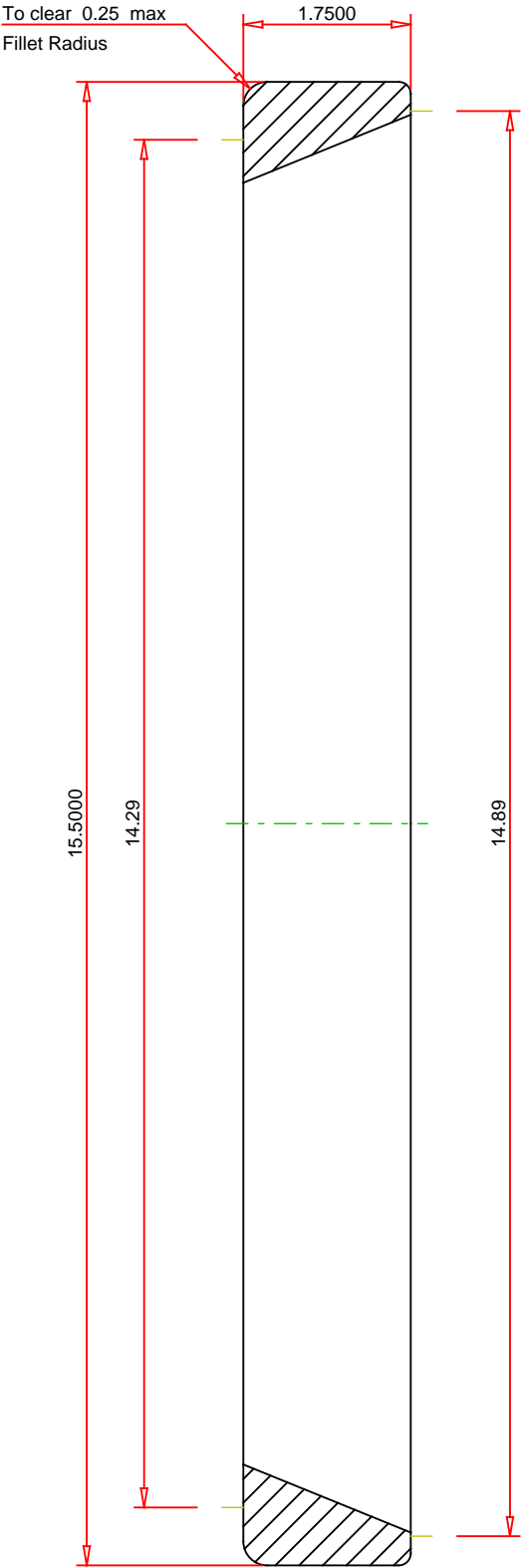
e - ISO Factor²	0.61
Y - ISO Factor³	0.98
Cg - Geometry Factor⁴	0.166

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

84155
SINGLE TAPERED CUP