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AMERICAN NATIONAL STANDARD

*Accredited Standards
Committee B3*



Thrust Bearings of Tapered Roller Type Inch Design



Secretariat

American Bearing
Manufacturers Association

ANSI/ABMA 23.2:1988

Stabilized Maintenance 2010



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1. SCOPE

This standard for thrust bearings of the tapered roller type of inch design covers:

Bearing Number and Type Identity
Symbols and Nomenclature
Boundary Dimensions
Tolerances
Mounting Dimensions

All bearings and components in this standard are not necessarily available. For availability, consult bearing manufacturers.

The following standards should be consulted for tolerance definitions, gaging practices and methods of evaluating load ratings:

ANSI/AFBMA Standard 1	Terminology for Anti-Friction Ball and Roller Bearings and Parts
ANSI/AFBMA Standard 4	Tolerance Definitions and Gaging Practices for Ball and Roller Bearings
ANSI/AFBMA Standard 11	Load Ratings and Fatigue Life for Roller Bearings

This standard only covers external dimensions. Functional interchangeability between different makes of standard bearings or components of the same size may depend on bearing features which are not standardized. Hence, the substitution of one make of standard bearing for another should only be made after careful comparison of their characteristics and consideration of the requirements of the particular application.

2. BEARING NUMBER and TYPE IDENTITY

The bearing number identifies each tapered roller thrust bearing on the basis of complete dimensional interchangeability. This bearing number establishes a universal language for identifying tapered roller thrust bearings of inch design in order to facilitate communications between the user and the manufacturer. These bearing numbers apply only to those tapered roller thrust bearings of inch design whose boundary dimensions and tolerances form this standard.