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Rolling bearings—Aligning thrust ball bearings and aligning seat washers—Boundary dimensions

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In the event of any doubts arising as to the contents, the original JIS is to be the final authority.

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by the Japan Bearing Industrial Association (JBIA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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Rolling bearings—Aligning thrust ball bearings and aligning seat washers— Boundary dimensions

JIS B 1540: 2010

Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 20516** published in 2007 with some modifications of the technical contents, adding some terms and definitions not given in the original International Standard.

The portions with continuous sidelines or dotted underlines are the matters in the contents of the corresponding International Standard have been modified. A list of modifications with explanations is given in Annex JA.

1 Scope

This Standard specifies the boundary dimensions of the single-direction aligning thrust ball bearing, single-direction aligning thrust ball bearing with aligning seat washer, double-direction aligning thrust ball bearing and double-direction aligning thrust ball bearing with aligning seat washers.

NOTE: The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows:

ISO 20516:2007 Rolling bearings—Aligning thrust ball bearings and aligning seat washers—Boundary dimensions (MOD)

The symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0104 Rolling bearings—Vocabulary

NOTE: Corresponding International Standard: ISO 5593:1997 Rolling bearings—Vocabulary (MOD)

JIS B 0124 Rolling bearings—Symbols for quantities

NOTE: Corresponding International Standard: ISO 15241:2001 Rolling bearings—Symbols for quantities (MOD)

JIS B 1514-3 Rolling bearings—Tolerances of bearings—Part 3: Chamfer dimensions—Maximum values

NOTE: Corresponding International Standard: ISO 582:1995 Rolling bearings—Chamfer dimensions—Maximum values (IDT)