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(ISO 199 : 1997)

(JBIA)

**Rolling bearings—Tolerances of
bearings—Part 2 : Thrust bearings**

ICS 21.100.20

Reference number : JIS B 1514-2 : 2006 (E)

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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 of establishing a Japanese Industrial Standard from The Japan Bearing Industrial Association (JBIA) with a draft being attached based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Consequently **JIS B 1514:2000** is withdrawn and replaced with this Standard, **JIS B 1514-1** and **JIS B 1514-3**.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

JIS B 1514 consists of the following parts under the general title “*Rolling bearings—Tolerances of bearings—*”:

Part 1 : Radial bearings

Part 2 : Thrust bearings

Part 3 : Chamfer dimensions—Maximum values

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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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Rolling bearings—Tolerances of bearings— Part 2 : Thrust bearings

Introduction This Japanese Industrial Standard has been prepared based on the second edition of **ISO 199** *Rolling bearings—Thrust bearing—Tolerances* published in 1997 without any modifications of the technical contents.

1 Scope This part of **JIS B 1514** specifies tolerances and permissible values of thrust bearings specified in **JIS B 1512** (hereafter referred to as “bearings”).

NOTES 1 The tolerances and permissible values specified in this Standard are not applicable to certain thrust bearings (e.g. thrust needle roller bearings) or bearings for particular fields of application.

2 Chamfer dimension limits shall be as specified in **JIS B 1514-3**.

3 The International Standard corresponding to this part of **JIS B 1514** is as follows.

In addition, 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**.

ISO 199 : 1997 *Rolling bearings—Thrust bearings—Tolerances* (IDT)

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 : **ISO 5593** : 1997 *Rolling bearings—Vocabulary* is equivalent to the said standard.

JIS B 0124 *Rolling bearings—Symbols for quantities*

NOTE : **ISO 15241** : 2001 *Rolling bearings—Symbols for quantities* is equivalent to the said standard.

JIS B 1512 *Rolling bearings—Boundary dimensions*

NOTE : **ISO 104** : 1994 *Rolling bearings—Thrust bearing—Boundary dimensions, general plan* is equivalent to the said standard.

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

NOTE : **ISO 582** : 1995 *Rolling bearings—Chamfer dimensions—Maximum values* is identical with the said standard.