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**Rolling bearings—Radial bearings
with locating snap ring—
Dimensions, geometrical product
specifications (GPS) and tolerance
values**

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In the event of any doubts arising as to the contents,
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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Symbols	2
5 Snap ring groove and chamfer dimensions and tolerance values.....	6
6 Snap ring dimensions and tolerance values.....	9
Annex A (informative) Design example	14
Annex B (informative) Example of drawing indications of characteristics with specification for a snap ring groove.....	15
Annex JA (informative) Snap ring for rolling bearings	16
Bibliography	19
Annex JB (informative) Comparison table between JIS and corresponding International Standard	20

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Bearing Industrial Association (JBIA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS B 1509**:2005), which has been technically revised.

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NOTE Based on Article 9 of the Supplementary Provisions to the Unfair Competition Prevention Act etc., any submission of proposal, or employment of procedures such as deliberation by the Japanese Industrial Standards Committee under the previous Industrial Standardization Act shall be deemed to have been conducted pursuant to the provision of Article 12, paragraph (1) of the revised Industrial Standardization Act.

Rolling bearings—Radial bearings with locating snap ring—Dimensions, geometrical product specifications (GPS) and tolerance values

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 464:2015**, Edition 3, with some modifications of the technical contents, such as adding provisions not specified in the corresponding International Standard in line with the actual conditions in Japan.

Descriptions with the vertical lines on both sides and dotted underlines, and Annex JA are unique to **JIS** and not given in the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies the snap ring groove dimensions and tolerance values, chamfer dimensions on the snap ring groove side of the outer ring, and the dimensions of locating snap ring (hereafter referred to as snap rings) and tolerance values for radial bearings in the dimension series 18 and 19 and the diameter series 0, 2, 3, and 4 (except dimension series 00, 82, and 83), as specified in **JIS B 1512-1**^[1].

NOTE 1 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 464:2015 *Rolling bearings—Radial bearings with locating snap ring—Dimensions, geometrical product specifications (GPS) and tolerance values* (MOD)

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 21-1**.

NOTE 2 An example of the design of housing components is given in Annex A, an example of drawing indications for specification for a snap ring groove in Annex B, and specifications of snap ring for rolling bearing unique to **JIS** in Annex JA, for reference.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent editions (including amendments) shall be applied.

JIS B 0104 *Rolling bearings—Vocabulary*