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(JBIA)

**Rolling bearings — Boundary  
dimensions, geometrical product  
specifications (GPS) and tolerance  
values of needle roller bearings —  
Part 5: Track rollers**

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In the event of any doubts arising as to the contents,  
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## 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 Industry 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 1536-5**: 2008), which has been technically revised.

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**JIS B 1536** series consists of the following 5 parts under the general title: *Rolling bearings — Boundary dimensions, geometrical product specifications (GPS) and tolerance values of needle roller bearings —*

*Part 1: Machined rings*

*Part 2: Drawn cup without inner ring*

*Part 3: Radial needle roller and cage assemblies*

*Part 4: Thrust needle roller and cage assemblies, thrust washers*

*Part 5: Track rollers*

# Rolling bearings — Boundary dimensions, geometrical product specifications (GPS) and tolerance values of needle roller bearings — Part 5 : Track rollers

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 7063 : 2018**, 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.

The vertical lines on both sides and dotted underlines indicate additions to the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

## 1 Scope

This Standard specifies dimensional characteristics and nominal boundary dimensions, limit deviations and tolerance values for needle roller bearing track rollers (yoke type and stud type).

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

ISO 7063 : 2018 *Rolling bearings — Needle roller bearing track rollers — Boundary dimensions, geometrical product specifications (GPS) and tolerance values (MCP)*

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**.

## 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 *Rolling bearings — Vocabulary*

JIS B 0420-1 *Geometrical product specifications (GPS) — Dimensional tolerancing — Part 1 : Linear sizes*

**NOTE** Corresponding International Standard : ISO 14405-1 *Geometrical product specifications (GPS) — Dimensional tolerancing — Part 1 : Linear sizes*