



JAPANESE
INDUSTRIAL
STANDARD

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JIS B 0005-2 : 1999

(ISO 8826-2 : 1994)

**Technical drawings—
Rolling bearings—
Part 2 : Detailed simplified
representation**

ICS 01.100.20; 21.100.20

Descriptors : technical drawing, engineering drawings, rolling bearings, bearings

Reference number : JIS B 0005-2 : 1999 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS B 0005 : 1973** is withdrawn and replaced with **JIS B 0005-1 : 1999** and **JIS B 0005-2 : 1999**.

JIS B 0005 *Technical drawings—Rolling bearings* consists of following two parts:

Part 1 : *General simplified representation*

Part 2 : *Detailed simplified representation*

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4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
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Technical drawings — Rolling bearings — Part 2 : Detailed simplified representation

Introduction This Japanese Industrial Standard has been prepared based on the first edition issued in 1994 of ISO 8826-2, *Technical drawings — Rolling bearings — Part 2 : Detailed simplified representation* without changing the technical contents.

The principle of drawing practice is to depict the object to scale using lines. In simplified representations, only essential features are shown, preferably in outline (in order to save time and effort).

The degree of simplification depends on the kind of object represented, the scale of the drawing and the purpose of the documentation. This means that either a general simplified representation (**Part 1**) or a detailed simplified representation (**Part 2**) may be used. A detailed simplified representation shows more details of a rolling bearing, for example the number of rows or the possibility of alignment.

In order to avoid misunderstandings, only one kind of simplification, either the general or the detailed simplified representation, shall be used on a drawing.

The description underlined with a dotted line in this Standard is not included in the original International Standard.

1 Scope This Standard specifies a detailed simplified representation for various rolling bearings. This representation should be used in cases where it is not necessary to show the exact shape and details of the rolling bearings, for example in assembly drawings.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS B 0005-1 *Technical drawings — Rolling bearings — Part 1 : General simplified representation*

JIS B 1512 *Rolling bearings — Boundary dimensions*

Remarks: The provisions cited from the following standards are equivalent to the relevant provisions in this Standard.

ISO 15 : 1981 *Rolling bearings — Radial bearings — Boundary dimensions, general plan*

ISO 104 : 1979 *Rolling bearings — Thrust bearings — Boundary dimensions, general plan*

ISO 355 : 1979 *Rolling bearings — Metric tapered roller bearings — Boundary dimensions and series designations*

ISO 355-1 : 1980 *Metric tapered roller bearings — Double row bearings — Boundary dimensions*