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**Short-pitch transmission precision
roller chains and bush chains**

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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 Japan Chain Association (JCA)/Japanese Standards Association (JSA) 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 1801:2014**), which has been technically revised.

However, **JIS B 1801:2014** may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 November 2020.

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Short-pitch transmission precision roller chains and bush chains

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 606**:2015, Edition 4, with some modifications of the technical contents.

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

1 Scope

This Standard specifies requirements for short-pitch roller chains and bush chains used for transmission for general purposes (hereafter referred to as chains).

The requirements for associated chain sprockets and attachments are given in Annex JA and Annex JB, respectively, for reference.

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

ISO 606:2015 *Short-pitch transmission precision roller and bush chains, attachments and associated chain sprockets* (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**.

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 1812 *Glossary of terms relating to chains, sprockets and accessories*

JIS B 7502 *Micrometers*

JIS B 7507 *Vernier, dial and digital callipers*

JIS B 7721 *Tension/compression testing machines—Calibration and verification of the force-measuring system*

JIS Z 2244 *Vickers hardness test—Test method*

JIS Z 2245 *Rockwell hardness test—Test method*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in **JIS B 1812** apply.