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(JCA/JSA)

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

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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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## Contents

	Page
Introduction.....	1
1 Scope.....	1
2 Normative references .....	1
3 Terms and definitions .....	1
4 Quantity symbols.....	3
5 Classification .....	3
6 Nominal number .....	3
7 Structure and nomenclature of assemblies and constituents .....	3
8 Shape and dimensions .....	5
9 Mechanical properties .....	9
9.1 Tensile strength .....	9
9.2 Tolerance on chain length .....	9
9.3 Hardness of parts .....	9
10 Test methods .....	9
10.1 Dimensional measurement.....	9
10.2 Tensile testing.....	10
10.3 Measurement of chain length .....	10
10.4 Hardness test .....	11
11 Inspection.....	11
12 Designation of products .....	11
13 Marking.....	12
13.1 Marking on products .....	12
13.2 Marking on packaging .....	12
Annex JA (informative) Sprockets .....	13
Annex JB (informative) Attachments.....	23
Annex JC (informative) Minimum dynamic strength of simplex chain .....	29
Annex JD (informative) Comparison table between JIS and corresponding International Standard .....	30

## **Foreword**

This translation has been made based on the original Japanese Industrial Standard 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 Japan Chain Association (JCA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently, **JIS B 1801**:2009 is replaced with this Standard.

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# Short-pitch transmission precision roller chains and bush chains

## Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **ISO 606** published in 2004, with some modifications of technical contents.

The portions with continuous sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with respective explanations is given in Annex JD.

## 1 Scope

This Standard specifies the roller chains and bush chains used for transmission in general (hereafter referred to as “chains”).

The associated chain sprockets and attachments are detailed in Annexes JA and JB.

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

ISO 606:2004 *Short-pitch transmission precision roller and bush chains, attachments and associated chain sprockets* (MOD)

The 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 *Micrometer callipers*

JIS B 7507 *Vernier, dial and digital callipers*

JIS B 7721 *Tension/compression testing machines—Verification and calibration 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 terms and definitions given in **JIS B 1812** and the following apply.

### 3.1 roller chain

chain with rollers