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**Synchronous belt drives—
Vocabulary**

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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 Belting Manufacturers Association (JBMA)/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 1859:2009**), which has been technically revised.

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Synchronous belt drives—Vocabulary

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 5288:2017**, Edition 3, 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 JA.

1 Scope

This Standard specifies the terms and definitions related to the use of synchronous belt and synchronous pulley for mechanical power transmission and where positive indexing or synchronization is required.

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

ISO 5288:2017 *Synchronous belt drives—Vocabulary* (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 Classification

The classification of vocabulary for synchronous belt drives shall be as follows.

- a) General
- b) Synchronous belt
- c) Tooth profile of synchronous belt
- d) Type of synchronous belt
- e) Structure of synchronous belt
- f) Tooth of synchronous belt
- g) Synchronous pulley
- h) Groove of synchronous pulley
- i) Groove-generating tools

3 Terms and definitions

The terms and definitions relevant to synchronous belt drives shall be as follows.

In addition, English equivalent is shown for reference.