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**Belt drives—V-ribbed pulleys and
belts—PK profile: Dimensions**

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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 established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by The Japan Belting Manufacturers Association (JBMA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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Belt drives—V-ribbed pulleys and belts— PK profile: Dimensions

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 9981:1998**, Edition 2, 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 JB. Annex JA is unique to **JIS** and not given in the corresponding International Standard.

1 Scope

This Standard specifies the principal dimensional characteristics of groove profiles of V-ribbed pulleys (hereafter referred to as pulleys), together with those of the corresponding V-ribbed belts (hereafter referred to as belts) of PK profile which are used predominantly for power transmission in automobiles and general industrial equipment such as internal combustion engines of agricultural machinery.

Groove dimensions of service pulleys and pulley flange dimensions are given in Annex JA for information.

NOTE 1 V-ribbed belts of PH, PJ, and PL profile for general industrial applications other than automotive applications is the subject of **JIS B 1858**.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 9981:1998 *Belt drives—Pulleys and V-ribbed belts for the automotive industry—PK profile: Dimensions* (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 0601 *Geometrical Product Specifications (GPS)—Surface texture: Profile method—Terms, definitions and surface texture parameters*

NOTE Corresponding International Standard: ISO 4287 *Geometrical Product Specifications (GPS)—Surface texture: Profile method—Terms, definitions and surface texture parameters*

JIS B 1860 *Belt drives—V-belts and V-ribbed belts, and corresponding grooved pulleys—Vocabulary*