



MALAYSIAN STANDARD

**MS ISO 9981:2010
(CONFIRMED:2016)**

Belt drives - Pulleys and V-ribbed belts for the automotive industry - PK profile: Dimensions (ISO 9981:1998, IDT)

ISO 9981:1998 is endorsed as Malaysian Standard with the reference number MS ISO 9981:2010.

ICS: 43.060.10

Descriptors: road vehicles, internal combustion engines, belt drives, pulleys, grooved pulleys, belts, power transmission belts, v-belts

NOTE. This Malaysian Standard has been reviewed and confirmed as being current.

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Revision: A process where existing Malaysian Standard is reviewed and updated which resulted in the publication of a new edition of the Malaysian Standard.

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NOTE: Technical corrigenda are not to correct errors which can be assumed to have no consequences in the application of the MS, for example minor printing errors.

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Department of Standards Malaysia
Ministry of Science, Technology and Innovation
Level 1 & 2, Block 2300, Century Square
Jalan Usahawan
63000 Cyberjaya
Selangor Darul Ehsan
MALAYSIA

Tel: 60 3 8318 0002
Fax: 60 3 8319 3131
<http://www.jsm.gov.my>
E-mail: central@jsm.gov.my

OR **SIRIM Berhad**
(Company No. 367474 - V)
1, Persiaran Dato' Menteri
Section 2, P. O. Box 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA

Tel: 60 3 5544 6000
Fax: 60 3 5510 8095
<http://www.sirim.my>
E-mail: msonline@sirim.my

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Committee representation

The Industry Standards Committee on Road Vehicles (ISC L) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Automobile Association of Malaysia
Department of Environment Malaysia
Department of Standards Malaysia
Jabatan Pengangkutan Jalan Malaysia
Malaysian Automotive Association
Malaysian Automotive Components Parts Manufacturers Association
Malaysian Institute of Road Safety Research
Ministry of International Trade and Industry
Motorcycle and Scooter Assemblers and Distributor Association of Malaysia
Motosikal dan Enjin Nasional Sdn Bhd
Perodua Manufacturing Sdn Bhd
Perusahaan Otomobil Nasional Sdn Bhd
Polis Diraja Malaysia
SIRIM Berhad (Secretariat)
SME Corporation Malaysia
Universiti Putra Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Vehicle Powertrain and Fuels Systems which recommended the adoption of the ISO Standard consists of representatives from the following organisations:

Jabatan Pengangkutan Jalan Malaysia
Kee Fatt Industries Sdn Bhd
Malaysian Armed Forces
Malaysian Automotive Association
Moto Millia Sdn Bhd
Perodua Manufacturing Sdn Bhd
Perusahaan Otomobil Nasional Sdn Bhd
Petronas Dagangan Berhad
SIRIM Berhad (Secretariat)
Universiti Teknologi Malaysia

NATIONAL FOREWORD

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Vehicle Powertrain and Fuels Systems under the authority of the Industry Standards Committee on Road Vehicles.

This Malaysian Standard is identical with ISO 9981:1998, *Belt drives - Pulleys and V-ribbed belts for the automotive industry - PK profile: Dimensions*, published by the International Organization for Standardization (ISO). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, "this International Standard" should read "this Malaysian Standard";
- b) the comma which is used as a decimal sign (if any), to read as a point; and
- c) reference to International Standards should be replaced by corresponding Malaysian Standards as follows:

Referenced International Standards

Corresponding Malaysian Standards

ISO 254:1998, *Belt drives - Pulleys - Quality, finish and balance*

MS ISO 254, *Belt drives - Pulleys - Quality, finish and balance*

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.

**Belt drives — Pulleys and V-ribbed belts for
the automotive industry — PK profile:
Dimensions**

*Transmissions par courroies — Poulies et courroies striées pour la
construction automobile — Profil PK: Dimensions*



Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9981 was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 1, *Veebelts and grooved pulleys*.

This second edition cancels and replaces the first edition (ISO 9981:1990), which has been technically revised. In particular, a subclause on the tolerances on the diameters over balls (3.3.4) has been added.

Annex A of this International Standard is for information only.

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International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch

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