



# MALAYSIAN STANDARD

MS ISO 6507-1:2012

**Metallic materials - Vickers hardness test -  
Part 1: Test method  
(First revision)  
(ISO 6507-1:2005, IDT)**

**ICS: 77.040.10**

Descriptors: metallic materials, Vickers hardness test, test method

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Jalan Usahawan  
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Selangor Darul Ehsan  
MALAYSIA

Tel: 60 3 8318 0002  
Fax: 60 3 8319 3131  
<http://www.standardsmalaysia.gov.my>

E-mail: [central@standardsmalaysia.gov.my](mailto:central@standardsmalaysia.gov.my)

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40700 Shah Alam  
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Tel: 60 3 5544 6000  
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E-mail: [msonline@sirim.my](mailto:msonline@sirim.my)

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# MS ISO 6507-1:2012

## Committee representation

The Industry Standards Committee on Metallic Materials and Semi-Finished Products (ISC P) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia  
Association of Marine Industries of Malaysia  
Construction Industry Development Board Malaysia  
Department of Standards Malaysia  
Federation of Malaysian Manufacturers  
IKRAM QA Services Sdn Bhd  
Institute of Materials Malaysia  
Jabatan Kerja Raya Malaysia  
Malaysian Industrial Development Authority (MIDA)  
Malaysian Iron and Steel Industry Federation  
Malaysian Steel Association  
Master Builders Association Malaysia  
Minerals and Geoscience Department Malaysia  
Ministry of International Trade and Industry  
Pertubuhan Akitek Malaysia  
SIRIM Berhad  
SIRIM Berhad (National Centre for Machinery and Tooling Technology)  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd  
The Institution of Engineers, Malaysia  
Universiti Kebangsaan Malaysia  
Universiti Malaya  
Universiti Sains Malaysia  
Universiti Teknologi Malaysia

The Technical Committee on Mechanical Testing of Metallic Materials which recommended the adoption of the ISO Standard as Malaysian Standard consists of representatives from the following organisations:

Construction Industry Development Board Malaysia  
Department of Occupational Safety and Health Malaysia  
Institute of Materials Malaysia  
Jabatan Kerja Raya Malaysia  
Malaysian Iron and Steel Industry Federation  
Metallurgical Consultancy and Services Sdn Bhd  
PETRONAS Lubricants International Sdn Bhd  
PUSPAKOM Sdn Bhd  
Shell Refining Company (FOM) Berhad  
SIRIM Berhad (Advanced Materials Research Centre)  
SIRIM Berhad (National Metrology Laboratory)  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd  
The Institution of Engineers, Malaysia  
Universiti Malaya  
Universiti Teknologi Malaysia  
Universiti Teknologi MARA  
Universiti Teknologi PETRONAS

## NATIONAL FOREWORD

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Mechanical Testing of Metallic Materials under the authority of the Industry Standards Committee on Metallic Materials and Semi-Finished Products.

This Malaysian Standard is the first revision of MS ISO 6507-1, *Metallic materials - Vickers hardness test - Part 1: Test method*.

This Malaysian Standard is identical with ISO 6507-1:2005, *Metallic materials - Vickers hardness test - Part 1: Test method*, 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 6507-2, *Metallic materials - Vickers hardness test - Part 2: Verification of testing machines*

MS ISO 6507-2, *Metallic materials - Vickers hardness test - Part 2: Verification of testing machines*

MS ISO 6507 consists of the following parts, under the general title *Metallic materials - Vickers hardness test*:

*Part 1: Test method*

*Part 2: Verification and calibration of testing machines*

*Part 3: Calibration of reference blocks*

*Part 4: Tables of hardness values*

This Malaysian Standard cancels and replaces MS ISO 6507-1:2001.

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.