



MALAYSIAN STANDARD

MS ISO 4028:2005
(CONFIRMED:2011)

HEXAGON SOCKET SET SCREWS WITH DOG POINT (ISO 4028:2003, IDT)

ICS: 21.060.10

Descriptors: hexagon socket set screws, dog point

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Committee representation

The Mechanical Engineering Industry Standards Committee (ISC F) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Occupational Safety and Health
Department of Standards Malaysia
Jabatan Keselamatan dan Perbekalan Gas, Suruhanjaya Tenaga
Jabatan Kerja Raya
Kementerian Pertahanan Malaysia
Kementerian Perdagangan Antarabangsa dan Industri Malaysia
Lembaga Kemajuan Perindustrian Malaysia
Malaysian Iron and Steel Industry Federation
National Institute of Occupational Safety and Health Malaysia
Petroleum Nasional Berhad
SIRIM QAS International Sdn Bhd (Mechanical Product Testing Section)
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia
Universiti Malaya
Universiti Teknologi Malaysia

The Technical Committee on Fasteners and Screw Threads which developed this Malaysian Standard consists of representatives from the following organisations:

Department of Occupational Safety and Health
Kementerian Pertahanan Malaysia (Pusat Sains dan Teknologi Pertahanan)
Master Builders Association of Malaysia
Motosikal dan Enjin Nasional Sdn Bhd
Power Steel and Electro-plating Works Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM Berhad (Metrology Laboratory Section)
SIRIM QAS International Sdn Bhd (Building and Construction Material Testing Section)
Syarikat Central Bolts and Nuts Sdn Bhd
The Institution of Engineers, Malaysia
Tong Heer Fasteners Sdn Bhd
Universiti Malaya
Universiti Teknologi Malaysia

NATIONAL FOREWORD

This Malaysian Standard was developed by the Technical Committee on Fasteners and Screw Threads under the authority of the Mechanical Engineering Industry Standards Committee.

This Malaysian Standard is identical with ISO 4028:2003, *Hexagon socket set screws with dog point*, 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) references to International Standards should be replaced by equivalent Malaysian Standards as follows:

Referenced International Standards

Corresponding Malaysian Standards

ISO 225, *Fasteners - Bolts, screws, studs and nuts - Symbols and designations of dimensions*

MS ISO 225, *Fasteners and screw threads - Vocabulary: Part 3: Symbols and designation of dimensions of bolts, screws, studs and nuts*

ISO 261, *ISO general-purpose metric screw threads - General plan*

MS ISO 261, *ISO general-purpose metric screw threads - General plan*

ISO 898-5, *Mechanical properties of fasteners made of carbon steel and alloy steel - Part 5: Set screws and similar threaded fasteners not under tensile stresses*

MS ISO 898-5, *Mechanical properties of fasteners made of carbon steel and alloy steel - Part 5: Set screws and similar threaded fasteners not under tensile stresses*

ISO 965-2, *ISO general-purpose metric screw threads - Tolerances - Part 2: Limits of sizes for general purpose external and internal screw threads - Medium quality*

MS ISO 965-2, *ISO general-purpose metric screw threads - Tolerances - Part 2: Limits of sizes for general purpose external and internal screw threads - Medium quality*

ISO 965-3, *ISO general-purpose metric screw threads - Tolerances - Part 3: Deviations for constructional screw threads*

MS ISO 965-3, *ISO general-purpose metric screw threads - Tolerances - Part 3: Deviations for constructional screw threads*

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, wording and presentation of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21.

Hexagon socket set screws with dog point

Vis sans tête à six pans creux, à téton



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Foreword

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The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4028 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

This third edition cancels and replaces the second edition (ISO 4028:1993), which has been technically revised.