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Hexagon nuts with flange

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Foreword

This translation has been made based on the original Japanese Industrial Standard 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 Research Institute for Screw Threads and Fasteners (JFRI)/ Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS B 1190 : 1999** is replaced with this Standard.

In order to conform to the International Standard, this revision has been prepared based on **ISO 4161 : 1999** *Hexagon nuts with flange—Coarse thread* and **ISO 10663 : 1999** *Hexagon nuts with flange—Fine pitch thread*.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Hexagon nuts with flange

Introduction This Japanese Industrial Standard has been prepared based on **ISO 4161** *Hexagon nuts with flange—Coarse thread* published in 1999 as the second edition and **ISO 10663** *Hexagon nuts with flange—Fine pitch thread* published in 1999 as the first edition by editing and integrating the corresponding parts (shape and dimensions, product specification, and designation of products) without modifying the technical content, while some items not specified in the corresponding International Standard are added as the Japanese Industrial Standard.

Portions given sidelines or dotted underlines are the matters not stated in the original International Standard. A list of modifications with the explanations is given in annex 2 (informative).

1 Scope This Standard specifies the characteristics of hexagon nuts with flange.

If, in special cases, specifications other than those listed in this Standard are required, they should be selected from existing standards, for example **JIS B 0205-2**, **JIS B 0209-2**, **JIS B 1052** and **JIS B 1054-2**.

NOTES 1 Hexagon nuts with flange not covered in **ISO 4161** and **ISO 10663** are specified in annex 1.

2 The International Standards corresponding to this Standard are as follows.

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**.

ISO 4161 : 1999 *Hexagon nuts with flange—Coarse thread* (MOD)

ISO 10663 : 1999 *Hexagon nuts with flange—Fine pitch thread* (MOD)

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0101 *Screw threads and fasteners—Vocabulary*

NOTE : **ISO 1891** : 1979 *Bolts, screws, nuts and accessories—Terminology and nomenclature* and **ISO 5408** : 1983 *Cylindrical screws threads—Vocabulary* are equivalent to the said standard.

JIS B 0143 *Symbols and designations of dimensions for threaded fasteners*

NOTE : **ISO 225** : 1983 *Fasteners—Bolts, screws, studs and nuts—Symbols and designations of dimensions* is equivalent to the said standard.

JIS B 0205-2 *ISO general purpose metric screw threads—Part 2 : General plan*

NOTE : **ISO 261** : 1998 *ISO general-purpose metric screw threads—General plan* is identical with the said standard.