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JIS B 1199-1 : 2001

(JFRI/JSA)

Prevailing torque type nuts— Part 1 : Hexagon nuts with non-metallic insert

JIS B 1199-1:2001 has been revised under date of March 20, 2008. The revised items are included in Amendment 1.

ICS 21.060.20

Descriptors : hexagonal nuts

Reference number : JIS B 1199-1 : 2001 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal of establishing a Japanese Industrial Standard from The Japan Research Institute for Screw Threads and Fasteners (JFRI)/the Japanese Standards Association (JSA), with a draft of Industrial Standard based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

This Standard employs **ISO 7040** : 1997 *Prevailing torque type hexagon nuts (with non-metallic insert), style 1—Property classes 5, 8 and 10*, **ISO 7041** : 1997 *Prevailing torque type hexagon nuts (with non-metallic insert), style 2—Property classes 9 and 12*, **ISO 10511** : 1997 *Prevailing torque type hexagon thin nuts (with non-metallic insert)* and **ISO 10512** : 1997 *Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread—Property classes 6, 8 and 10* as a basis for the purpose of conforming Japanese Industrial Standard to International Standards.

This Standard group consists of the following four parts with a title of *Prevailing torque type nuts*.

Part 1 : Hexagon nuts with non-metallic insert

Part 2 : All-metal hexagon nuts

Part 3 : Hexagon nuts with flange with non-metallic insert

Part 4 : All-metal hexagon nuts with flange

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the original JIS is to be the final authority.

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Prevailing torque type nuts— Part 1 : Hexagon nuts with non-metallic insert

Introduction This Japanese Industrial Standard has been prepared based on **ISO 7040** *Prevailing torque type hexagon nuts (with non-metallic insert), style 1—Property classes 5, 8 and 10* and **ISO 7041** *Prevailing torque type hexagon nuts (with non-metallic insert), style 2—Property classes 9 and 12* published in 1997 as the second editions, and **ISO 10511** *Prevailing torque type hexagon thin nuts (with non-metallic insert)* and **ISO 10512** *Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread—Property classes 6, 8 and 10* published in 1997 as the first editions, without modifying the corresponding parts (shape, dimensions, and specification and designation of products) being compiled and integrated.

In addition, **JIS B 1199** specifying prevailing torque type nut products consists of four parts. The relation between each part and the International Standards corresponding thereto is shown in Annex 1 (informative).

1 Scope This Standard specifies the characteristics of prevailing torque type hexagon nuts (with non-metallic insert) for general use.

If other specifications are required, they should be selected from existing standards, for example **JIS B 0205**, **JIS B 0207**, **JIS B 0209**, **JIS B 0211** and **JIS B 1056**.

Remarks : 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 7040 : 1997 *Prevailing torque type hexagon nuts (with non-metallic insert), style 1—Property classes 5, 8 and 10* (MOD)

ISO 7041 : 1997 *Prevailing torque type hexagon nuts (with non-metallic insert), style 2—Property classes 9 and 12* (MOD)

ISO 10511 : 1997 *Prevailing torque type hexagon thin nuts (with non-metallic insert)* (MOD)

ISO 10512 : 1997 *Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread—Property classes 6, 8 and 10* (MOD)

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. If the indication of the year of coming into effect is given to these referred standards, only the edition of indicated year constitutes the provision of this Standard but the revision and amendment made thereafter are not applied. The normative references without the indication of the year of coming into effect apply limiting only to the most recent edition (including amendments).