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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 : 2005** is replaced with this Standard.

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Hexagon nuts with flange

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of ISO 4161 published in 2012 and the second edition of ISO 10663 published in 2012 with some modifications of the technical contents.

The portions given dotted underlines are the matters in which the contents of the corresponding International Standards have been modified. A list of modifications with the explanations is given in Annex JB. The matters contained in Annex JA are unique contents of JIS that are not given in the corresponding International Standards.

1 Scope

This Standard specifies the characteristics of hexagon nuts with flange (hereafter referred to as “nuts”).

If, in special cases, dimensions and product specifications other than those listed in this Standard are required, they shall be selected from existing Japanese Industrial Standards, for example, JIS B 0205-2, JIS B 0205-4, JIS B 0209-2, JIS B 1052-2 and JIS B 1054-2 upon agreement between the purchaser and the manufacturer.

Annex JA provides specifications of hexagon nuts with flange not given in ISO 4161 and ISO 10663.

NOTE : The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 4161 : 2012 *Hexagon nuts with flange, style 2 — Coarse thread*

ISO 10663 : 2012 *Hexagon nuts with flange, style 2 — Fine pitch thread* (Overall evaluation : MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21-1.

2 Normative references

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

JIS B 0101 *Screw threads and fasteners — Vocabulary*

JIS B 0143 *Fasteners — Bolts, screws, studs and nuts — Symbols and descriptions of dimensions*

NOTE : Corresponding International Standard : ISO 225 : 2010 *Fasteners — Bolts, screws, studs and nuts — Symbols and descriptions of dimensions*