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Flat head bolts

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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 1179** : 1994 is replaced with this Standard.

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Flat head bolts

1 Scope

This Japanese Industrial Standard specifies characteristics of flat head bolts made of steel (hereafter referred to as “steel bolts”), stainless steel (hereafter referred to as “stainless steel bolts”) and brass (hereafter referred to as “brass bolts”) for general use.

In addition, steel bolts, stainless steel bolts and brass bolts are generically referred to as merely “bolts”.

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) indicated below shall be applied.

JIS B 0101 *Screw threads and fasteners— Vocabulary*

JIS B 0205-3 *ISO general purpose metric screw threads— Part 3 : Selected sizes for screws, bolts and nuts*

JIS B 0209-3 *ISO general purpose metric screw threads— Tolerances— Part 3 : Deviations for constructional screw threads*

JIS B 0601 *Geometrical Product Specifications (GPS)—Surface texture : Profile method— Terms, definitions and surface texture parameters*

JIS B 1010 *Designation system for fasteners*

JIS B 1044 *Fasteners — Electroplated coatings*

JIS B 1051 *Mechanical properties of fasteners made of carbon steel and alloy steel— Part 1 : Bolts, screws and studs*

JIS B 1054-1 *Mechanical properties of corrosion-resistant stainless-steel fasteners— Part 1 : Bolts, screws and studs*

JIS B 1057 *Mechanical properties of non-ferrous metal fasteners*

JIS B 1071 *Method of verification for size and geometry of threaded fasteners*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS B 0101** apply.

4 Classification

The bolts shall be classified into two classes, slotted flat head bolts and flat head nib bolts.