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In the event of any doubts arising as to the contents,
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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 1127:2009** is replaced with this Standard.

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Hexagon flange head tapping screws

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 10509**, published in 2012, by editing and incorporating items (shape and dimensions, product specifications and designation of products) that correspond to **JIS** contents without modification of technical contents.

The portions given sidelines or dotted underlines are the matters not given in the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies the characteristics of hexagon flange head tapping screws with thread sizes from ST2.2 to ST9.5 inclusive.

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

ISO 10509 : 2012 *Hexagon flange head tapping screws* (MOD)

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 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The following standards contain provisions which, through reference in this text, constitute provisions of this Standard.

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* (IDT)

JIS B 1007 *Tapping screws thread*

NOTE: Corresponding International Standard : ISO 1478 :1999 *Tapping screws thread* (IDT)

JIS B 1010 *Designation system for fasteners*

JIS B 1021 *Tolerances for fasteners — Part 1 : Bolts, screws, studs and nuts — Product grades A, B and C*