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**Drilling screws with tapping screw
thread**

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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 1124:2003** is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Drilling screws with tapping screw thread

Introduction

This Japanese Industrial Standard has been prepared based on the first editions of **ISO 15480**, **ISO 15481**, **ISO 15482** and **ISO 15483** published in 1999, 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 JB.

This Standard contains the following Annex, not given in the **ISO** Standard, for providing requirements that reflect the manufacturing and use of the product in Japan.

Annex JA (normative) Drilling screws not specified in **ISO 15480** to **ISO 15483**

1 Scope

This Standard specifies the characteristics of steel drilling screws with tapping screw thread with thread sizes from ST2.9 to ST6.3 inclusive.

The characteristics of drilling screws not specified in **ISO 15480**, **ISO 15481**, **ISO 15482** and **ISO 15483** are given in Annex JA.

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

ISO 15480:1999 *Hexagonal washer head drilling screws with tapping screw thread*

ISO 15481:1999 *Cross recessed pan head drilling screws with tapping screw thread*

ISO 15482:1999 *Cross recessed countersunk head drilling screws with tapping screw thread*

ISO 15483:1999 *Cross recessed raised countersunk head drilling screws with tapping screw thread* (Overall evaluation: 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 most recent editions of the standards (including amendments) indicated 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*