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**Drilling screws with tapping screw thread**

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## Foreword

This Japanese Industrial Standard has been 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 a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied *mutatis mutandis* pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS B 1124** : 2015), which has been technically revised.

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# Drilling screws with tapping screw thread

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 15481** : 1999, Edition 1, **ISO 15482** : 1999, Edition 1 and **ISO 15483** : 1999, Edition 1, and **ISO 15480** : 2019, Edition 2 by integrating them into one standard without modifying the technical contents for corresponding parts (profiles/dimensions, product specifications and product designations).

Annex JA in this Standard is added to provide the requirements that correspond to manufacturing/usage of the products in Japan, which are not given in the corresponding International Standards. The vertical lines on both sides and dotted underlines indicate additions to the corresponding International Standards. A list of modifications with the explanations is given in Annex JB.

## 1 Scope

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

~~It also specifies the characteristics of some drilling screws having profile, size and/or material not specified in the corresponding International Standards.~~

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

ISO 15480 : 2019 *Fasteners — Hexagon 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 Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

## 2 Normative references

Part or all of the provisions of the following standards, 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*