

# JIS

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JIS B 4633 : 1998

**Screwdrivers for cross recessed head  
screws**

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ICS 25.140.30

**Descriptors** : screwdrivers, hand tools, crossheads

**Reference number** : JIS B 4633 : 1998 (E)

B 4633 : 1998

## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently, JIS B 4633:1991 is replaced with JIS B 4633:1998.

In this revision, emphasizing the conformity with the International Standards, Annex to this Standard is prepared with adoption of the technical contents of the corresponding International Standard without modification. The provisions specified conventionally in the Japanese Industrial Standard are provided in the body with partial amendments.

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Divisional Council on Machine Elements

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In the event of any doubts arising as to the contents,  
the original JIS is to be the final authority.

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## Screwdrivers for cross recessed head screws

**Introduction** This Japanese Industrial Standard has been prepared based on the International Standards shown in the Remarks, providing the classification and grade specified conventionally in the Japanese Industrial Standard and their shape and dimensions, quality, inspection, designation of products and marking in the body, and without modifying their technical contents in Annex while supplements the provisions not specified in the corresponding International Standards (inspection and designation) as a part of Japanese Industrial Standard.

The provisions or the phrases underlined with dots in Annex are the matters not specified in the corresponding International Standards.

Remarks : The International Standards corresponding to this Standard are as follows :

ISO/DIS 8764-1:1996 *Assembly tools for screws and nuts — Screwdrivers for cross recessed head screws — Part 1 : Driver points*

ISO 8764-2 : 1992 *Screwdrivers for cross-recessed head screws — Part 2 : General requirements, lengths of blades and marking of hand-operated screwdrivers*

**1 Scope** This Standard specifies screwdrivers to be used for threaded fasteners with H and S type cross-recessed type heads specified in **JIS B 1012** (hereafter referred to as “screwdrivers”), but not specifies bits for cross-recessed head screws.

**2 Normative references** The following standards contains provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions (including the amendments) indicated below shall be applied.

JIS B 1012 *Cross recesses for screws*

JIS B 1501 *Steel balls for ball bearings*

JIS B 7725 *Vickers hardness testing machines*

JIS B 7726 *Rockwell and Rockwell superficial hardness testing machines*

JIS G 3506 *High carbon steel wire rods*

JIS Z 2244 *Method of Vickers hardness test*

JIS Z 2245 *Method of Rockwell and Rockwell superficial hardness test*

**3 Classification** Screwdrivers shall be divided into 8 types by the combination of each classification given in Table 1.