



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS B 1116 : 2009

(JFRI/JSA)

**Slotted head screws for precision
instruments**

ICS 21.040.100

Reference number : JIS B 1116: 2009 (E)

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B 1116 : 2009

Date of Establishment: 1960-03-01

Date of Revision: 2009-03-20

Date of Public Notice in Official Gazette: 2009-03-23

Investigated by: Japanese Industrial Standards Committee
Standards Board

Technical Committee on Machine Elements

JIS B 1116 : 2009, First English edition published in 2009-08

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

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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 1116** : 1980 is replaced with this Standard.

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Slotted head screws for precision instruments

1 Scope

This Japanese Industrial Standard specifies the characteristic of steel slotted head machine screws (hereinafter referred to as the “steel machine screws”), brass slotted head machine screws (hereinafter referred to as the “brass machine screws”) and stainless steel slotted head machine screws (hereinafter referred to as the “stainless steel machine screws”) to be used for the precision instruments such as optical instruments and measuring instruments.

In this Standard, steel machine screws, brass machine screws and stainless steel machine screws are named generically “machine screws”.

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	<i>Screw threads and fasteners — Vocabulary</i>
JIS B 0205-2	<i>ISO general purpose metric screw threads — Part 2 : General plan</i>
JIS B 0209-3	<i>ISO general purpose metric screw threads — Tolerances — Part 3 : Deviations for constructional screw threads</i>
JIS B 1010	<i>Designation system for fasteners</i>
JIS B 1044	<i>Fasteners — Electroplated coatings</i>
JIS B 1071	<i>Method of verification for size and geometry of threaded fasteners</i>
JIS G 3123	<i>Cold finished carbon and alloy steel bars</i>
JIS G 3505	<i>Low carbon steel wire rods</i>
JIS G 3507-2	<i>Carbon steels for cold heading — Part 2 : Wires</i>
JIS G 4303	<i>Stainless steel bars</i>
JIS G 4315	<i>Stainless steel wires for cold heading and cold forging</i>
JIS H 3250	<i>Copper and copper alloy rods and bars</i>
JIS H 3260	<i>Copper and copper alloy wires</i>
JIS Z 2244	<i>Vickers hardness test — Test method</i>