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Studs

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Contents

	Page
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Shape and dimensions	1
5 Screw threads	1
5.1 Screw threads on stud end side	1
5.2 Screw threads on nut end side	2
6 Mechanical properties	2
7 Materials	2
8 Surface condition	2
9 Surface treatment	2
10 Test and inspection	2
10.1 Inspection on shape and dimensions	2
10.2 Inspection on screw threads	3
10.3 Inspection on mechanical properties	3
10.4 Inspection on surface condition	3
10.5 Acceptance inspection	3
11 Designation of product	3
12 Marking	4
12.1 Marking of product	4
12.2 Marking on packaging	4

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 1173:1995** is replaced with this Standard.

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Studs

1 Scope

This Japanese Industrial Standard specifies the characteristics of the steel studs for general use (hereafter referred to as “studs”).

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 0205-3 *ISO general purpose metric screw threads—Part 3: Selected sizes for screws, bolts and nuts*

JIS B 0209-3 *ISO general purpose metric screw threads—Tolerances—Part 3: Deviations for constructional screw threads*

JIS B 1010 *Designation system for fasteners*

JIS B 1044 *Fasteners—Electroplated coatings*

JIS B 1051 *Mechanical properties of fasteners made of carbon steel and alloy steel—Part 1: Bolts, screws and studs*

JIS B 1071 *Fasteners—Methods of verification for size and geometry*

JIS B 1091 *Fasteners—Acceptance inspection*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS B 0101** apply.

4 Shape and dimensions

The studs shall be measured in accordance with **10.1**, and the shape and dimensions shall be as given in table 1.

5 Screw threads

5.1 Screw threads on stud end side

The screw threads on stud end side shall be the metric coarse threads or the metric fine pitch threads specified in **JIS 0205-3**, and the permissible dimensional deviations and tolerances thereof shall be as given in table 4. However, the case where the permissible dimensional deviations and tolerances other than table 4 are required for those on which the electroplating has been processed shall be in accordance with the designation of the purchaser.