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**Weld nuts**

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## Contents

	Page
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	1
4 Classification .....	1
5 Shape and dimensions .....	2
6 Screw threads .....	2
7 Mechanical properties .....	2
8 Material .....	3
9 Surface condition .....	3
10 Surface treatment .....	3
11 Test and inspection .....	3
11.1 Inspection on shape and dimensions .....	3
11.2 Inspection on screw threads .....	3
11.3 Inspection on mechanical properties .....	3
11.4 Inspection on surface condition .....	4
12 Designation of product .....	4
13 Marking .....	5
13.1 Marking on product .....	5
13.2 Marking on packaging .....	5
Annex A (informative) Peel strength to pressing and its test method .....	11
Annex B (informative) Peel strength to torque and its test method .....	13

## 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 1196 : 2001** has been replaced with this Standard.

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## Weld nuts

### 1 Scope

This Japanese Industrial Standard specifies the steel weld nuts (hereafter referred to as "nuts") used for general purposes.

These nuts are intended to be projection-welded or spot-welded.

### 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 1052-2 *Mechanical properties of fasteners—Part 2: Nuts with specified proof load values—Coarse thread*

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

JIS B 1082 *Stress area and bearing area for threaded fasteners*

JIS Z 2243 *Brinell hardness test—Test method*

JIS Z 2244 *Vickers hardness test—Test method*

JIS Z 2245 *Rockwell hardness test—Test method*

### 3 Terms and definitions

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

### 4 Classification

The nuts shall be classified by the combination of type and shape as given in table 1.

The type shall be divided by the welding method, the existence of pilot and the existence of projection at the weld.