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Plain washers

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Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	2
3 Classification	2
4 Shape and dimensions, product specification and designation of product	4
5 Marking	5
5.1 Marking on product	5
5.2 Marking on package	5
Annex JA (informative) Square washers	20
Annex JB (informative) Comparison table between JIS and corresponding International Standards	21

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.

This Standard is prepared by dividing the text part and Annex 1 (normative) of **JIS B 1256:1998** and revising the text part so as to conform to the technical contents of corresponding International Standards. For square washers shown in Annex 2 (informative) of **JIS B 1256:1998**, it is retained as Annex JA (informative). For Annex 1, it is newly established as **JIS B 1250**.

Consequently **JIS B 1256:1998** is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

Plain washers

Introduction

This Japanese Industrial Standard has been prepared by unifying the second editions of ISO 7089, ISO 7090, ISO 7091, ISO 7092 and ISO 7094 published in 2000 and the first editions of ISO 7093-1 and ISO 7093-2 published in 2000 without modifying the technical contents with respect to the corresponding items (classification, shape and dimensions, product specification and designation of product) ; however, the item (marking) not included in the corresponding International Standards is added to this Standard.

The portions given sidelines or dotted underlines in the text and whole Annex JA are the matters not stated in the original International Standards. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies the circular plain washers (hereafter referred to as “plain washers”) made of steel and stainless steel used for bolts, screws and nuts of general use.

When requiring the dimensions of washers other than those specified in the text of this Standard, the reference dimensions should be selected from those in JIS B 1250 and the tolerances should be selected from those in JIS B 1022.

The shape and dimensions of square washer is shown in Annex JA as reference.

NOTE : The International Standards corresponding to this Standard are as follows.

ISO 7089 : 2000 *Plain washers — Normal series — Product grade A*

ISO 7090 : 2000 *Plain washers, chamfered — Normal series — Product grade A*

ISO 7091 : 2000 *Plain washers — Normal series — Product grade C*

ISO 7092 : 2000 *Plain washers — Small series — Product grade A*

ISO 7093-1 : 2000 *Plain washers — Large series — Part 1 : Product grade A*

ISO 7093-2 : 2000 *Plain washers — Large series — Part 2 : Product grade C*

ISO 7094 : 2000 *Plain washers — Extra large series — Product grade C*
(Overall evaluation : MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and JIS are