



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 18230.5-2000

**Plain washers for high-strength structural bolting hardened and
tempered**

(English Translation)

Issued on: October 17, 2000

Implemented on: May 1, 2001

Issued by: the State Bureau of Quality Technical Supervision

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Foreword

This Standard is not equivalent to ISO 7416. 1984 Plain washers, chamfered, hardened and tempered for high-strength structural bolting.

This Standard specifies packaging technical requirements which is not specified in ISO 7416 (Table 2).

This Standard adds the provision (Table 2) of sherardizing which is not specified in ISO 7416.

This Standard was proposed by State Administration of Machinery Industry.

This Standard shall be administered by the National Fastener Standardization of Technical Committee.

Academy of Machinery Science and Technology is the responsible drafting organization of this Standard. Shanghai Jinma High Strength Fastener Co., Ltd, Shanghai High strength Bolts Plant, Shanghai Shenguang High strength Bolts Plant, Zhejiang Shaoxing High Strength Fastener Plant, and Hebei Ren County High strength Bolts Co., Ltd are the participating drafting organizations of this Standard.

ISO Foreword

ISO (International Standardization Organization) is a syndicate consisting of state standard group (members of ISO) across the world. The formulation of the international standard is made by all technical committees of ISO. Each member who is interested in

projects of certain technical committee can participate in the committee. Governmental and non-governmental international organizations related with ISO can also take part in the job. ISO is closely related with IEC in terms of electro-technical normalization.

International standard draft adopted by technical committee shall be distributed to all member groups for voting. The official publication of international standards needs at least 75% votes by the member groups.

International standard ISO 7416 was formulated by ISO/TC 2 Fasteners Technical Committee.

National Standard of the People's Republic of China

Plain washers for high-strength structural bolting hardened and tempered

neq ISO 7416. 1984

1 Scope

This Standard specifies the plain washers, nominal specification is 12-36mm, for high strength structural bolting hardened and tempered with hexagon head bolts and matched nuts.

2 Normative references

The provisions contained in the following standards become part of this Standard, through the reference of this Standard. At the time of publication of this Standard, the shown versions of these standards are valid. All standards are subject to revision, and all parties who use this Standard are encouraged to investigate the possibility of applying the newest version of these standards.

GB/T 90-1985 Acceptance check, marking and packaging of fasteners (eqv ISO 3269. 1984)

GB/T 1237-2000 Marking method of fasteners (eqv ISO 8991.1986)

GB/T 3103.3-2000 Tolerances for fasteners - Plain washers (idt ISO 4795-3. 2000)

GB/T 5267-1985 Electroplated Coating of Threaded Fastener

GB/T 13912-1992 Hot Dip Electroplated Coating Technical Requirements of Steel

Products with Metal Coating (neq ISO 1459.1973)

JB/T 5067-1999 Iron and steel parts zinc power impregnation

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