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

GB/T 802-1988

Replacing GB/T 802-1988

**Acorn nuts -- Assembling type
(English Translation)**

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Foreword

This part is one of the national standard "cap nut" product series of standards. The series includes.

- GB/T 802.1-2008 modular cap nuts;
- GB/T 802.2 Hexagon cap nut welding type;
- GB/T 802.3 hexagonal flange cover nut welding type;
- GB/T 802.4 Hexagon low spherical cap nut welding type;
- GB/T 802.5 non-metallic insert hexagonal locking cap nut welding type;
- GB/T 923 Hexagon nuts.

This part is part 1 of GB/T 802.

This part replaces GB/T 802-1988 "modular cap nut".

This section compares with GB/T 802-1988 as follows.

- increase the thread size M4 (see Table 1);
- Increased fine thread series (Series 2, Series 3) (see Table 1);
- increase in stainless steel and non-ferrous metal materials (see Table 2);
- Add non-electrolytic zinc sheet coating and hot dip galvanized layer surface treatment to steel nuts (see Table 2).

This part is made by the China Machinery Industry Federation.

This part is headed by the National Standardization Technical Committee on Fasteners (SAC/TC85).

This part is responsible for drafting units. China Machine Productivity Promotion Center.

This part participates in the drafting unit. Zhangjiagang Xinyi Hardware Co., Ltd.

This part is explained by the Secretariat of the National Standardization Technical

Committee for Fasteners.

This part of the previous version of the standard to replace the release of the situation.

GB 802-67, GB 802-76, GB/T 802-1988.

Combination cover nuts

1 Scope

GB/T 802 of the provisions of the thread specifications for the M4 ~ M24, performance levels of 6,8, A2-50, A2-70, A4-50, A4-70, CU2, CU3 and AL4, Class A and Class B, Class A for $D \leq 16\text{mm}$; Class B for $D > 16\text{mm}$ nut.

2 Normative reference documents

The terms of the following documents are the terms of this part by reference to this part of GB/T 802. Any reference to the date, All subsequent amendments (excluding corrigenda) or revisions do not apply to this part, however, encouragement under this section the parties to the agreement study whether the latest version of these files can be used. For undated references, the latest version of the document this part.

GB/T 90.1 Acceptance inspection of fasteners (GB/T 90.1-2002, ISO 3269.:2000, IDT)
GB/T 90.2 Fastener Marking and Packaging GB/T 196 Common thread basic dimensions (GB/T 196-2003, ISO 724.:1993, ISO generalpurposemetric screwthreads-Basicdimensions, MOD) GB/T 197 Common thread tolerances (GB/T 197-2003, ISO 965-1.:1998, ISO generalpurposemetric screwthreads-Tolerances-Part 1. Principlesbasicdata, MOD) GB/T 1237 Fastener marking method (GB/T 1237-2000, eqv ISO 8991. 1986) GB/T 3098.2 Fasteners - Mechanical properties - Coarse thread (GB/T 3098.2-2000, idt ISO 898-2.:1992) GB/T 3098.4 fasteners mechanical properties nut fine thread (GB/T 3098.4-2000, idt ISO 898-6.:1994) GB/T 3098.10 Fasteners Mechanical properties Bolts, screws, studs and nuts made of nonferrous metals (GB/T 3098.10-1993, eqv ISO 8839. 1986) GB/T 3098.15 Fasteners - Mechanical properties - Stainless steel nuts (GB/T 3098.15-2000, idt ISO 3506-2.:1997) GB/T 3103.1 Fasteners Tolerances Bolts, screws and nuts (GB/T 3103.1-2002, ISO 4759-1.:2000, IDT) GB/T 5267.1 Fastener plating (GB/T 5267.1-2002, ISO 4042.:1999, IDT) GB/T 5267.2 Fasteners Non-electrolytic zinc sheet coating (GB/T 5267.2-2002, ISO 10683.:2000, IDT) GB/T 5267.3 Fastener hot dip galvanized layer (GB/T 5267.3-2008, ISO 10684.:2004, IDT) GB/T 5276 Fasteners - Bolts, screws, studs and nuts - Code and designation (GB/T 5276-1985, eqv ISO 225. 1983)

GB/T 5779.2 Fastener surface defect nut (GB/T 5779.2-2000, idt ISO 6157-2.:1995) GB/T 16938 Fasteners - General technical conditions for bolts, screws, studs and nuts (GB/T 16938-2008, ISO 8992.

2005, IDT)