

ICS 21.060.10

CCS J 13



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

GB/T 32.2-2025

Replacing GB/T 32.2-1988

**Fasteners - Hexagon head bolts with split pin hole on head -
Part 2: Reduced shank - Product grade B**

紧固件 六角头头部带孔螺栓 第2部分：细杆 B级

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Foreword

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Fasteners - Hexagon head bolts with split pin hole on head -Part 2: Reduced shank -
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Fasteners - Hexagon head bolts with split pin hole on head -Part 2: Reduced shank -
Product grade B 1 Scope

This document specifies the types, dimensions, technical requirements, marking, labels, and designation of reduced-shank hexagon head bolts with split pin hole on head. This document applies to coarse-threaded hexagon head bolts with split pin hold on head (hereinafter referred to as bolts) of thread specifications M6~M20, performance grades 5.8, 6.8, 8.8, A2-50, and A2-70, shank diameter approximately equal to the thread pitch diameter, and product grade B. The bolts specified in this document have wire holes on head of products conforming to GB/T 5784.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 90.1, Fasteners - Acceptance inspection

GB/T 90.2, Fasteners - Marking and packaging

GB/T 197, General purpose metric screw threads - Tolerances

GB/T 1237, Designation system for fasteners

GB/T 3098.1, Mechanical properties of fasteners - Bolts, screws and studs

GB/T 3098.6, Mechanical properties of fasteners - Stainless steel bolts, screws and studs

GB/T 3099.4, Terminology of fasteners - Control, inspection, delivery, acceptance and quality

GB/T 3103.1, Essential oils and aromatic extracts - Determination of residual benzene content

GB/T 5267.1, Fasteners - Electroplate coating

GB/T 5267.2, Fasteners - Non-electrolytically applied zinc flake coatings

GB/T 5276, Fasteners - Bolts, screws, studs and nuts - Symbols and descriptions of dimensions

GB/T 5278, Fasteners - Split pin holes and wire holes

GB/T 5779.1, Fasteners - Surface discontinuities - Bolts, screws and studs for general requirements

3 Terms and definitions

No terms and definitions need to be defined in this document.

6 Marking and labels 6.1 Product marking

Product marking shall comply with the following specifications: -- Steel fasteners shall conform to the specifications in GB/T 3098.1; -- Stainless steel fasteners shall conform to the specifications in GB/T 3098.6.

6.2 Packaging labels Packaging labels shall comply with the provisions of GB/T

90.2 and shall include at least the following: -- a reference to this document, i.e., GB/T 32.2; -- thread specification d and nominal length l; -- performance grade designation of steel fasteners; -- group and performance grade designation of stainless steel fasteners; -- surface treatment type; -- manufacturer and/or distributor identification marks and/or names; -- manufacturing batch number specified in GB/T 3099.4; -- number of packages.

7 Designation

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