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

GB/T 6172.1-2016

**Hexagon thin nuts (chamfered)
(English Translation)**

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1 Scope

This Part of GB/T 617 specifies the types and dimensions, technical specifications and marking of hexagon thin nuts.

This Part applies to hexagon thin nuts (chamfered). thread specification M1.6 to M64; performance grade 04, 05, A2-025, A2-035, A4-025, A4-035, CU2, CU3 and AL4; product grades A and B. Grade A is for nuts with $D \leq 16\text{mm}$; and Grade B for nuts with $D > 16\text{ mm}$.

2 Normative References

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

GB/T 90.1 Fasteners - Acceptance Inspection (GB/T 90.1-2002, ISO 3269.2000, MOD)

GB/T 90.2 Fasteners - Marking and Packaging

GB/T 193 General Purpose Screw Threads - Diameters and Pitches (GB/T 193-2003, ISO 261.1998, MOD)

GB/T 1237 Designation System for Fasteners (GB/T 1237-2000, ISO 8991.1986, EQV)

GB/T 3098.2 Mechanical Properties of Fasteners - Nuts (GB/T 3098.2-2015, ISO 898-2.2012, MOD)

GB/T 3098.10 Mechanical Properties of Fasteners - Bolts, Screws, Studs and Nuts

Made of Non-Ferrous Metals (GB/T 3098.10-1993, ISO 8839.1986, EQV)

GB/T 3098.15 Mechanical Properties of Fasteners - Nuts Made of Stainless-steel (GB/T 3098.15-2014, ISO 3506-2.2009, MOD)

GB/T 3103.1 Tolerances for Fasteners - Bolts, Screws, Studs and Nuts (GB/T 3103.1-2000, ISO 4759-1.2000, IDT)

GB/T 5267.1 Fasteners - Electroplated Coatings (GB/T 5267.1-2002, ISO 4042.1999, IDT)

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