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ICS 77.140.75
CCS H43

YB

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YB/T 6399-2025

## Superalloy for fasteners

紧固件用高温合金

**(English Translation)**

**Issued on: December 17, 2025** **Implemented on: July 1, 2026**

**Issued by: Ministry of Industry and Information Technology**

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https://chinastandards.org/standards/yb-t-6399-2025

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## 1 Foreword

YB/T 6399-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

The YB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

## 2 Scope Preview

This standard specifies the classification, designations, ordering details, manufacturing methods, technical requirements, testing methods, inspection rules, packaging, marking, and quality certificates for high-temperature alloy wires, wire rods, and bars used in fasteners. This standard applies to the manufacture of high-temperature alloy round wires with a nominal diameter not exceeding 8mm, high-temperature alloy round, square, and hexagonal wire rods with nominal dimensions (diameter, side length, or distance between opposite sides) of 6mm to 30mm, and high-temperature alloy round bars with a nominal diameter of 8mm to 45mm, high-temperature alloy square bars with a nominal side length of 8mm to 30mm, and high-temperature alloy hexagonal bars with a nominal distance between opposite sides of 8mm to 36mm.

YB/T 6399-2025 falls under ICS 77.140.75, in the field of metallurgy.

This catalogue holds 971 other YB/T standards in that field.



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In this catalogue, YB/T standards carry edition years from 1980 to 2026.

## 3 About this standard

Sector: Ferrous Metallurgy Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

## 4 Related standards

Standards on related subjects:

GB/T 29913-2025 - Medium carbon alloy bearing steel

GB/T 5068-2019 - Axles steel for railway locomotives and wagons

YB/T 5222-2014 - Quality hot rolled and forged carbon structural steel round tube blank

YB/T 4422-2026 - Steel flat for fork

YB/T 4421-2026 - Continuously cast round billet for wind power flange

YB/T 4163-2026 - Hot-rolled steel angles for tower structure

## 5 Classification and status

International classification (ICS): 77.140.75

Chinese Standard Classification (CCS): H 43

Prefix YB/T: recommended standard.



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