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ICS 77.140.50
CCS H46

YB

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YB/T 6419-2025

## High strength low alloy cold rolled steel sheet and strip

低合金高强度冷轧钢板及钢带

**(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-6419-2025

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## 1 Foreword

YB/T 6419-2025 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 and designation, ordering details, manufacturing process, technical requirements, test methods, inspection rules, packaging, marking, and quality certificate for low-alloy high-strength cold-rolled steel sheets and strips. This standard applies to low-alloy high-strength cold-rolled wide steel strips and sheared steel sheets and strips with a thickness not exceeding 4.0 mm, used in trailer guardrails, industrial chains, and welded pipes.

YB/T 6419-2025 falls under ICS 77.140.50, in the field of metallurgy.

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

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



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## 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 5313-2023 - Steel plate with through-thickness properties

GB/T 6653-2017 - Steel plates and strips for welded gas cylinders

YB/T 5063-2007 - Heat Treatment Spring Steel Strips

YB/T 6422-2025 - Continuously hot-dip zinc-aluminum-magnesium alloy coated steel sheet and strip for photovoltaic stents

YB/T 6421-2025 - Cold-rolled bottom-layer-free grain-oriented electrical steel strip (sheet) for electric vehicle driving motor

YB/T 6420-2025 - Atmospheric corrosion resisting steel plate for urban monorail transit system

## 5 Classification and status

International classification (ICS): 77.140.50

Chinese Standard Classification (CCS): H 46

Prefix YB/T: recommended standard.



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