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ICS 77.140.60
CCS H44

YB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YB/T 6410-2025

Wire rod of high carbon steel for diamond core steel wire

金刚线母线用高碳钢盘条

(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-6410-2025

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1 Foreword

YB/T 6410-2025 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 grade designation, ordering details, manufacturing process, technical requirements, test methods, inspection rules, packaging, marking, and quality certificate for high-carbon steel wire rods used in diamond wire rod manufacturing. This standard applies to wire rods with a nominal diameter of 5.0 mm to 5.5 mm used in the manufacture of diamond wire rods.

YB/T 6410-2025 falls under ICS 77.140.60, 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 6723-2017 - Cold forming open section steel for general structure

GB/T 6478-2015 - Steels for cold heading and cold extruding

YB/T 5346-2006 - Cold drawn special shaped steel bar

YB/T 6413-2025 - Hot rolled wire rod for prestressed spiral ribbed steel wire

YB/T 6412-2025 - Hot-rolled wire rod for mooring wire rope in marine engineering

YB/T 6411-2025 - Ultra-low carbon steel hot-rolled wire rods for cable

5 Classification and status

International classification (ICS): 77.140.60

Chinese Standard Classification (CCS): H 44

Prefix YB/T: recommended standard.

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