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JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15183.1-2025

CNC gear hobbing edge-milling machines - Part 1: Testing of the accuracy

数控滚铣铣棱机 第1部分：精度检验

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JB/T 15183.1-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

It is one of 2 parts of the JB/T 15183 series.

The JB/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.

2 Scope Preview

This standard specifies the requirements for geometric accuracy, positioning accuracy, repeatability, and working accuracy of CNC hobbing and milling machines. It describes the corresponding testing methods and specifies the inspection items. This standard applies to the accuracy inspection activities of CNC hobbing and milling machines with a maximum workpiece diameter up to 320 mm.

JB/T 15183.1-2025 falls under ICS 25.040.20, in the field of manufacturing engineering.

This catalogue holds 1,459 other JB/T standards in that field.

In this catalogue, JB/T standards carry edition years from 1967 to 2026.

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3 About this standard

Sector: Mechanical & Machinery Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

JB/T 15183.2-2025 - Part 2: Specification

Standards on related subjects:

GB/T 38193-2019 - Machine tools automatic production line for automobile gears

JB/T 12396-2015 - Proportional valve solenoids

JB/T 8490-2008 - Floor-type boring machines and floor-type milling and boring machines - Technical requirements

JB/T 15181.2-2025 - Numerical control gear skiving machines - Part 2: Specification

JB/T 15181.1-2025 - Numerical control gear skiving machines - Part 1: Testing of the accuracy

5 Classification and status

International classification (ICS): 25.040.20

Chinese Standard Classification (CCS): J 56

Prefix JB/T: recommended standard.

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