Chinastandards.org

ICS 25.040.20
CCS J56

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15183.2-2025

CNC gear hobbing edge-milling machines - Part 2: Specification

数控滚铣铣棱机 第2部分：技术规范

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-15183-2-2025

Chinastandards.org

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms and definitions
3.1 Electroplated Inner Cutting Disc
3.2 Electroplated Needle File
3.3 Electroplated Grinding Head
4 Technical requirements
4.1 General requirements
4.2 Performance
4.3 Safety and protection
4.4 Castings, forgings and weldments
4.5 Machining
4.6 No-load operation requirements
4.7 Load operation requirements
4.8 Motion accuracy
5 Test methods
5.1 Appearance
5.2 Protection requirements
5.3 Machining and assembly quality of components
5.4 Appearance quality
5.5 Installation requirements for fire extinguishers
5.6 Functional test requirements
5.7 Anti-interference capability and functional stability test requirements
5.8 Mass per unit area
5.9 Tensile breaking force
6 Inspection rules
6.1 Factory inspection
6.2 Type inspection
6.3 Joint surfaces
6.4 Numerical control system
6.5 Working fluid system

Preview: page 2 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-15183-2-2025

6.6 Lubrication system
6.7 Machine running test
6.8 Accuracy inspection
6.9 Others
7 Marking, packaging, transportation and storage
7.2 Machining and assembly of components
7.9 Load operation test
8.1 General
8.2 Inspection principles
8.3 Inspection items
8.4 Conformity judgment
8.5 Storage
9.1 Marking
9.2 Packaging
9.3 Transportation

1 Foreword

JB/T 15183.2-2025 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 general requirements, accessories, tools, safety and hygiene, machining, and assembly requirements for CNC hobbing and milling machines. It describes the corresponding test methods and specifies the requirements for inspection items, packaging, and accompanying technical documents. This standard applies to the manufacture of CNC hobbing and milling machines with a maximum workpiece diameter up to 320 mm.

JB/T 15183.2-2025 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.

Preview: page 3 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-15183-2-2025

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 15183.1-2025 - Part 1: Testing of the accuracy

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.

Preview: page 4 of 4 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-15183-2-2025