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ICS 29.035.50
CCS Q 65

JC

BUILDING MATERIALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JC/T 816-2025

Replacing JC/T 816-1985

Synthetic diamond thin-wall bit

人造金刚石薄壁钻头

(English Translation)

Issued on: April 10, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 10 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jc-t-816-2025

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms and definitions
4 Technical requirements
4.1 Classification
4.2 Designation
6 Test methods
7 Inspection Rules
9 Marking, Packaging, Transportation and Storage

1 Foreword

JC/T 816-2025 was issued by Ministry of Industry and Information Technology on 10 April 2025 and has been in force since 1 November 2025.

It replaces the earlier edition JC/T 816-1985.

The JC/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 designation, product marking, technical requirements, test methods, inspection rules, marking, packaging, transportation, and storage of synthetic thin-walled diamond drill bits. This document applies to synthetic thin-walled diamond drill bits used for drilling non-metallic hard and brittle materials such as building and civil engineering, stone, concrete, reinforced concrete, various rocks, quartz glass, glass fiber reinforced plastics, ordinary glass, optical glass, ceramics, and refractory materials.

JC/T 816-2025 falls under ICS 29.035.50, in the field of electrical engineering.

This catalogue holds 3 other JC/T standards in that field.

In this catalogue, JC/T standards carry edition years from 1973 to 2026.

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3 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 10 pages

Chinese original: about 15,146 characters

Supersedes the earlier edition JC/T 816-1985.

4 Related standards

Other editions:

JC/T 816-1985 (earlier edition)

Standards on related subjects:

JC/T 2625-2021 - Titanium gypsum

GB/T 15344-2020 - Methods for physical test of talc

JC/T 2268-2014 - Measurement of copper and other elements in brake friction materials

JC/T 813-2024 - Fused synthetic mica

JC/T 814-2024 - Test methods for fused-cast synthetic mica

JC/T 817-2014 - Gem grade synthetic cubic zirconia crystals

5 Classification and status

International classification (ICS): 29.035.50

Chinese Standard Classification (CCS): Q 65

Prefix JC/T: recommended standard.

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