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ICS 25.120.30
CCS J46

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15318-2025

Die casting dies for semi-solid aluminum alloy

半固态铝合金压铸模

(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 15318-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

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.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the structure, parts, assembly, safety, and performance requirements for semi-solid aluminum alloy die-casting molds, describes the corresponding test methods, and specifies inspection rules, marking, packaging, transportation, and storage. This standard applies to the manufacture of semi-solid aluminum alloy die-casting molds.

JB/T 15318-2025 falls under ICS 25.120.30, 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

Standards on related subjects:

GB/T 45677-2025 - Forming moulds of composite material for upper cover of new energy vehicle battery pack

GB/T 6110-2021 - Drawing dies-Carbide alloy drawing dies-Structural types and dimensions

JB/T 6057-1992 - Steels for moulding parts of plastic moulds and their heat treatment - Technical specifications

JB/T 15321-2025 - Vacuum recombination moulds

JB/T 15320-2025 - Transfer moulds for resin matrix composite

JB/T 15319-2025 - Rotational mould for plastics - Specifications

5 Classification and status

International classification (ICS): 25.120.30

Chinese Standard Classification (CCS): J 46

Prefix JB/T: recommended standard.

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