

ICS 19.100
CCS N77

JB

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JB/T 12727.1-2025

**Nondestructive testing instruments - Standard testing block -
Part 1: Ultrasonic testing block**

无损检测仪器 试样 第1部分：超声检测试样

(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 12727.1-2025 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 5 parts of the JB/T 12727 series.

2 Scope

This standard specifies the classification and technical requirements for ultrasonic testing specimens, describes the corresponding test methods, and specifies inspection rules, marking, packaging, transportation and storage requirements. This standard applies to the manufacture of ultrasonic testing standard specimens, test specimens and reference specimens made of steel; the manufacture of specimens made of other materials is subject to this standard.

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 12727.2-2020 - Non-destructive testing instruments - Test blocks - Part 2: Test blocks for radiographic testing

JB/T 12727.3-2016 - Non-destructive testing instruments - Test blocks - Part 3: Test blocks for electromagnetic (eddy current) testing

JB/T 12727.4-2016 - Non-destructive testing instruments - Test blocks - Part 4: Test blocks for magnetic particle testing

JB/T 12727.5-2016 - Non-destructive testing instruments - Test blocks - Part 5: Test blocks for penetrant testing

5 Classification and status

International classification (ICS): 19.100

Chinese Standard Classification (CCS): N77

Prefix JB/T: recommended standard.