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ICS 49.025
CCS V10

HB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HB 5261-2023

K-R curve test method for metallic materials

金属材料K-R曲线试验方法

(English Translation)

Issued on: December 20, 2023 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

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1 Foreword

HB 5261-2023 was issued by Ministry of Industry and Information Technology of the People's Republic of China on 20 December 2023 and has been in force since 1 July 2024.

The HB prefix, without a suffix, marks a mandatory standard: within its scope, compliance is required.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the specimens, test equipment and devices, test procedures, calculation of test results and test reports for K-R curve tests of metallic materials. This standard is applicable to the measurement of K-R curves of metal materials using central crack tensile M (T) specimens and compact tensile C (T) specimens.

HB 5261-2023 falls under ICS 49.025, in the field of aircraft and space vehicle engineering.

This catalogue holds 64 other HB standards in that field.

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In this catalogue, HB standards carry edition years from 2012 to 2025.

3 About this standard

Sector: Aviation Industry Standard

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 34520.8-2021 - Test methods of continuous silicon carbide fibers-Part 8: Oxygen content

HB 8423.7-2023 - Metal material grade identification method - Part 7: Spectral identification of nickel-based high-temperature alloy grade

5 Classification and status

International classification (ICS): 49.025

Chinese Standard Classification (CCS): V 10

Prefix HB: mandatory standard.

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