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ICS 77.150.99
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YS

NONFERROUS METALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YS/T 1835-2026

High-purity tantalum magnetron sputtering ring

高纯钽磁控溅射环

(English Translation)

Issued on: April 15, 2026 **Implemented on: November 1, 2026**

Issued by: Ministry of Industry and Information Technology

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Foreword

YS/T 1835-2026 is a recommended industry standard of the People's Republic of China in the Nonferrous Metals sector, approved and issued by the Ministry of Industry and Information Technology on 15 April 2026, with effect from 1 November 2026.

Classification: ICS 77.150.99; CCS H60.

1 Scope

The document specifies the classification, technical requirements, test methods, inspection rules, marking, packaging, transport, storage, accompanying documents and order form content for high-purity tantalum magnetron sputtering rings. It applies to high-purity tantalum magnetron sputtering rings used in the manufacture of electronic thin films. Sputtering rings are the shaped source material from which a thin metallic film is deposited onto a surface in vacuum, so the document concentrates on the quality and delivery of the ring itself.

Producers of tantalum sputtering components, makers of thin-film deposition equipment and electronic thin-film manufacturers can use it when agreeing purchase terms and checking supplied rings. It is a voluntary standard (code with /T), issued by the Ministry of Industry and Information Technology on 15 April 2026 and effective from 1 November 2026. It is a new standard.

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