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

GB/T 48248-2026

**Aerospace-nuts, anchor, self-locking, floating, self-aligning,
single lug, with MJ threads - Dimensions**

航空航天用MJ螺纹带沉头窝的成组游动托板自锁螺母 尺寸

(English Translation)

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Foreword

GB/T 48248-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 January 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Standardization Administration of China.

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1 Scope

This standard gives dimensions for aerospace anchor nuts of the self-locking, floating, self-aligning, single lug type with MJ threads. These are nut elements that stay attached to a structure and allow a bolt to be fastened with some tolerance for misalignment. It is meant for fastener manufacturers, aerospace designers and structural engineers, and for purchasing and inspection departments that specify and check such hardware.

It adopts an international standard. It was issued on 28 September 2026 and takes effect on 1 January 2027. As a recommended national standard, it is applied through drawings, contracts or company procedures. The MJ thread is a rounded-root metric form used for high-performance aerospace fasteners, and a dimensional standard lets designers draw the nut into a structure knowing that parts from different makers will fit the same envelope. Anyone sourcing aerospace fasteners for Chinese programs can use it to match parts to a common dimensional reference. The scope is limited to dimensions.