

ICS 49.030.10
CCS V21



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

GB/T 48160-2026

Aerospace - Couplings, threaded and sealed, for fluid systems

航空航天 流体系统用螺纹和密封联轴器

(English Translation)

Issued on: August 28, 2026

Implemented on: March 1, 2027

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

GB/T 48160-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

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

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

Classification: ICS 49.030.10; CCS V21.

1 Scope

This aerospace standard concerns threaded and sealed couplings for fluid systems. Couplings of this kind connect tubing and components in hydraulic, fuel and other fluid lines of aircraft and related aerospace equipment. The document is intended for aerospace component manufacturers, airframe and systems designers, procurement staff and quality engineers who specify or accept such fittings.

It adopts an international standard and takes effect on 1 March 2027. It is a recommended national standard (GB/T). Suppliers that sell fluid system components to Chinese aerospace programs, and integrators that buy from them, can use the document as a common reference for the coupling type. Detailed dimensions, performance levels and test conditions should be taken from the full text and are not summarized here.