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

GB/T 47264-2026

**Aerospace - General specification for lightweight quick-release
clamp assemblies for air ducts**

航空航天 空气导管轻型快卸卡箍组件通用规范

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Aircraft Standardization Technical Committee (SAC/TC435). This document was drafted by: Taiyuan Aviation Instrument Co., Ltd., Shanghai Aviation Industry (Group) Co., Ltd., and China Aviation Integrated Technology Research Institute. Xi'an Aircraft Design Institute of Aviation Industry Corporation of China, Xi'an Aircraft Industry Corporation of China Civil Aircraft Co., Ltd., China Helicopter Design and Research Institute Research Institute, Jiangxi Hongdu Aviation Industry Group Co., Ltd., Beijing University of Aeronautics and Astronautics. The main drafters of this document are. Wang Jiangong, Zhang Zhibin, Du Wenjie, Zhang Jialiang, Wang Zhansheng, Huang Shasha, Xie Puyu, Ren Haitao, Chen Peng, and Mi Baowei. Deng Xiang, Zhang Jian,

Ouyang Ping, Yan Jin, Bo Jianlong, Yan Yuan, Zheng Yabin, Li Keping, Gan Zhiwen, Shang Jialin, Zheng Ke. Lightweight quick-release clamp assembly for aerospace air ducts
General Specifications

1 Scope

GB/T 47264-2026 is the Chinese national standard covering the V-band clamp on an aircraft air duct - the joint that must seal hot bleed air, take vibration and thermal cycling, weigh as little as possible and still be undone by hand for maintenance. First edition, in force since 1 July 2026. It was issued on 31 March 2026 and has been in force since 1 July 2026, as a first edition. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the classification, technical requirements, inspection rules, marking, and packaging of lightweight quick-release clamp assemblies for air ducts in the aerospace field. The section on transportation and storage describes the corresponding experimental methods. This document applies to the design and manufacture of lightweight quick-release clamp assemblies for air ducts in the aerospace field (hereinafter referred to as "quick-release clamp assemblies"). Testing, inspection and delivery.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 191 Pictorial Symbols for Packaging and Storage

GB/T 1220 Stainless Steel Bars

GB/T 1804 General tolerances - Tolerances for linear and angular dimensions without specified tolerances

GB/T 2828.1 Sampling Procedures for Inspection by Attributes - Part

1.Sampling Schemes Retrieved by Acceptable Quality Limit (AQL) for Lot-by-Lot Inspection

GB/T 2965 Titanium and Titanium Alloy Rods

GB/T 3280 Stainless steel cold-rolled sheet and strip

GB/T 3621 Titanium and Titanium Alloy Plates

GB/T 14992 Classification and Grades of High-Temperature Alloys and Intermetallic Compounds

GB/T 14994 High-Temperature Alloy Cold-Drawn Bars

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Quick-release clamps Clamps used to enable quick connection and disassembly of conduit end flanges.