



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

GB/T 41027-2021

**Aluminum alloy MJ thread with small flange blind hole self
locking insert for aviation**

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foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents"

drafted:

This document is equivalent to ISO 13598:2000 "Coated or uncoated, made of metallic materials, reduced flanges, with MJ threads for aerospace purposes:

Dimensions of closed self-locking inserts:

A chapter "Terms and Definitions" has been added to this document:

The following minimal editorial changes have been made to this document:

--- In order to coordinate with the existing standards, the standard name is changed to "MJ threaded aluminum alloy with small flange blind hole self-locking inserts for aviation":

Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents:

1 Scope

This document specifies the dimensions of coated or uncoated MJ thread with small flange metal blind hole self-locking inserts:

This document applies to Aerospace MJ Threaded Metal Blind Hole Self-Locking Inserts with Small Flange:

Note: The strength and temperature grade of MJ thread with small flange metal blind hole self-locking inserts are determined by the core material and sealant, which are not specified in this document:

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, dated citations

documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document:

ISO 5855-2:1999 Aerospace MJ threads - Part 2: Limiting dimensions of bolt and nut threads (Aerospace-MJ

threads-Part 2:Limitdimensionsforboltsandnuts)

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document:

4 Structure and dimensions

The structure and dimensions of the inserts are shown in Figure 1 and Table 1: