
**Aerospace — Inserts, self-locking,
with MJ threads, open type, in metallic
material, coated or uncoated — Dimensions**

*Aéronautique et espace — Douilles filetées, à freinage interne et filetage
MJ, du type ouvert, en matériau métallique, revêtues ou non revêtues —
Dimensions*



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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 734 10 79
E-mail copyright@iso.ch
Web www.iso.ch

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International Standard ISO 13597 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 4, *Aerospace fastener systems*.

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Aerospace — Inserts, self-locking, with MJ threads, open type, in metallic material, coated or uncoated — Dimensions

1 Scope

This International Standard specifies the dimensions of open inserts, with self-locking MJ threads, in metallic material, coated or uncoated, for honeycomb and composite materials. The classification referring to strength and temperature, depending on the core material and potting compound, is not specified.

This International Standard is only applicable to the compilation of aerospace product standards.

2 Normative reference

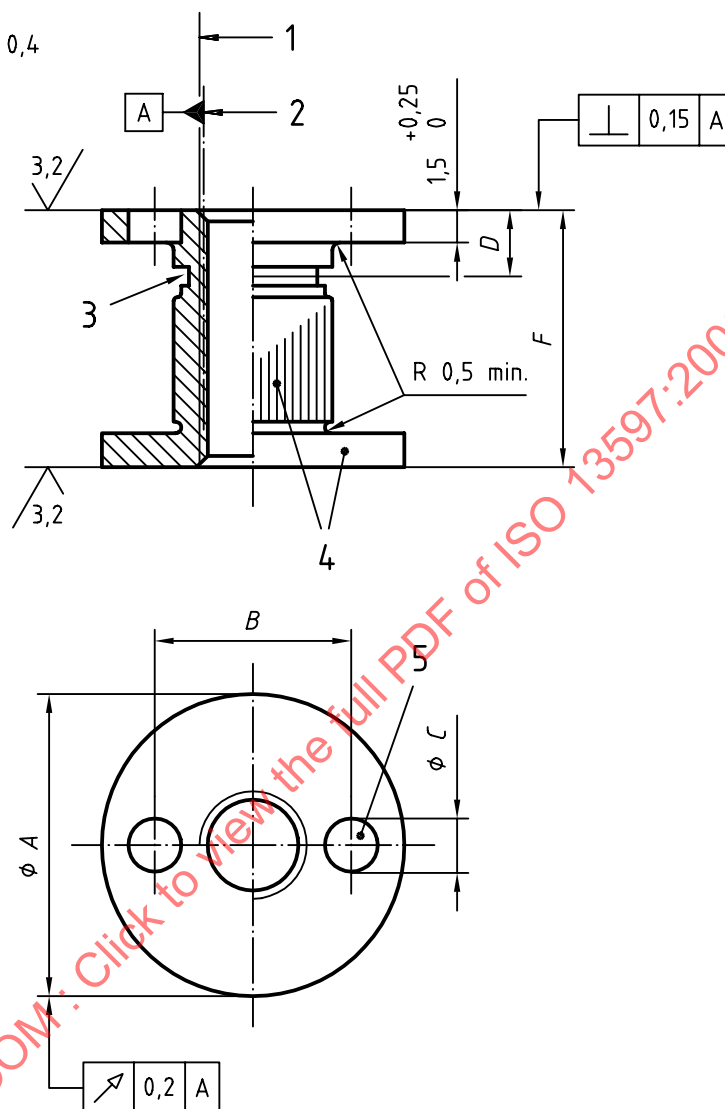
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ISO 5855-2:1999, *Aerospace — MJ threads — Part 2: Limit dimensions for bolts and nuts*.

3 Configuration and dimensions

See Figure 1 and Table 1. Dimensions and tolerances are expressed in millimetres. They apply to inserts after any surface coating(s).

$12,5 / \left(\sqrt{3,2} \right)^a$
Remove sharp edges 0,1 to 0,4



Details of form not stated are at the manufacturer's discretion.

Key

- 1 Thread
- 2 Pitch diameter
- 3 Shank deformed in this area to provide thread lock
- 4 Antirotation feature at manufacturer's option on shank or bottom flange
- 5 Potting and vent hole

^a These values, in micrometres, are valid prior to any surface coating(s). The values do not apply to threads having a surface texture obtained by usual manufacturing methods.

Figure 1