

Aerospace series — Inserts, thin wall, self-locking — Installation and removal procedure

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National foreword

This British Standard is the UK implementation of EN 3298:2008. It supersedes BS EN 3298:1998 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ACE/12, Aerospace fasteners and fastening systems.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Aerospace series - Inserts, thin wall, self-locking - Installation and removal procedure

Série aérospatiale - Douilles filetées, à paroi mince, à freinage interne - Procédure d'installation et d'extraction

Luft- und Raumfahrt - Gewindeeinsätze, dünnwandig, selbstsichernd - Ein- und Ausbauverfahren

This European Standard was approved by CEN on 5 January 2008.

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Foreword

This document (EN 3298:2008) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2008, and conflicting national standards shall be withdrawn at the latest by October 2008.

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1 Scope

This standard specifies the conditions of installation and removal (hole serration profile, tools, swaging procedure) of self-locking thin wall inserts defined by EN standards, for aerospace applications.

2 Normative references

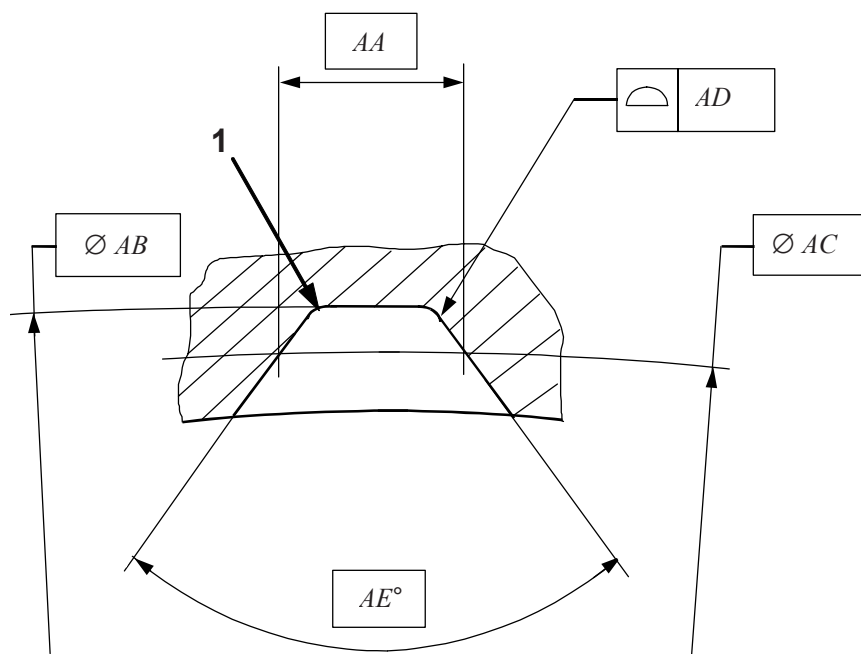
The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 3236, *Aerospace series — Inserts, thin wall, self-locking, short, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated internal thread.*

EN 3237, *Aerospace series — Inserts, thin wall, self-locking, long, in heat resisting nickel base alloy NI-P100HT (Inconel 718), silver plated internal thread.*

3 Hole serration profile (short inserts)

Figure 1 and Table 1 provide details of the insert part number and associated bolt thread in relation to the serration profile in the counterbore of the installation hole.



Key

- 1 Corners may vary from a sharp corner to a radius within the profile tolerance

Figure 1