

Aerospace series - Nuts, anchor, self-locking, floating, two lug, incremental counterbore, in corrosion resisting steel, MoS2 lubricated - Classification: 900 MPa (at ambient temperature) / 315 °C

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 3834:2010 sisaldab Euroopa standardi EN 3834:2010 ingliskeelset teksti.

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English Version

**Aerospace series - Nuts, anchor, self-locking, floating, two lug,
incremental counterbore, in corrosion resisting steel, MoS₂
lubricated - Classification: 900 MPa (at ambient temperature) /
315 °C**

Série aérospatiale - Écrous à river, à freinage interne,
flottants, double patte, à chambrage très profond, en acier
résistant à la corrosion, lubrifiés MoS₂ - Classification : 900
MPa (à température ambiante) / 315 °C

Luft- und Raumfahrt - Anniemuttern, selbstsichernd,
beweglich, beiderseitiger Flansch, mit unterschiedlich tiefer
zylindrischer Aussenkennung, aus korrosionsbeständigem
Stahl, MoS₂-geschmiert - Klasse: 900 MPa (bei
Raumtemperatur) / 315 °C

This European Standard was approved by CEN on 21 November 2009.

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Foreword

This document (EN 3834:2010) 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of an identical text or by endorsement, at the latest by July 2010, and conflicting national standards shall be withdrawn at the latest by July 2010.

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1 Scope

This standard specifies the characteristics of self-locking, floating, two lug anchor nuts, with incremental counterbore, in corrosion resisting steel, MoS₂ lubricated.

Classification: 900 MPa¹⁾ / 315 °C²⁾.

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 2424, *Aerospace series — Marking of aerospace products*

EN 2491, *Aerospace series — Molybdenum disulphide dry lubricants — Coating methods*

EN 9100, *Quality Management Systems — Requirements for Aviation, Space and Defense Organizations*

EN 9133, *Aerospace series — Quality management systems — Qualification procedure for aerospace standard parts*

TR 3791, *Aerospace series — Materials for self-locking nuts, threaded inserts and screw thread inserts of temperature classes ≤ 425 °C³⁾*

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

ISO 5858, *Aerospace — Nuts, self-locking, with maximum operating temperature less than or equal to 425 °C — Procurement specification*

ISO 8788, *Aerospace — Nuts, metric — Tolerances of form and position*

1) Corresponds to the minimum tensile stress which the nut is able to withstand at ambient temperature without breaking or cracking when tested with a bolt of a higher strength class.

2) Maximum temperature that the nut is able to withstand, without permanent alteration to its original characteristics, after ambient temperature has been restored. The maximum temperature is conditioned by the MoS₂ lubricant.

3) Published as ASD-STAN Technical Report at the date of publication of this standard.