

STN	Letectvo a kozmonautika Korunové šesťhranné matice, samoistiace, z ocele, pokovované kadmíom, mazané MoS₂ Trieda: 900 MPa (pri teplote okolia)/235 °C	STN EN 3434 31 3285
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Aerospace series - Nuts, hexagon, slotted/castellated, self-locking, in steel, cadmium plated, MoS₂ lubricated - Classification: 900 MPa (at ambient temperature)/235 °C

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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EUROPEAN STANDARD

EN 3434

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Aerospace series - Nuts, hexagon, slotted/castellated, self-locking, in steel, cadmium plated, MoS2 lubricated -
Classification: 900 MPa (at ambient temperature)/235 °C**

Série aérospatiale - Écrous hexagonaux à créneaux, à freinage interne, en acier, cadmiés, lubrifiés au MoS2 -
Classification : 900 MPa (à température ambiante)/235 °C

Luft- und Raumfahrt - Sechskant-Kronenmuttern, selbstsichernd, aus Stahl, verkadmet, MoS2-geschmiert -
Klasse: 900 MPa (bei Raumtemperatur)/235 °C

This European Standard was approved by CEN on 26 March 2021.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 3434:2022 (E)

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European foreword

This document (EN 3434:2022) 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 document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, 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of an identical text or by endorsement, at the latest by June 2023, and conflicting national standards shall be withdrawn at the latest by June 2023.

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EN 3434:2022 (E)**1 Scope**

This document specifies the characteristics of self-locking hexagonal slotted/castellated nuts, in steel, cadmium plated, MoS₂ lubricated, for aerospace applications.

Classification: 900 MPa¹/235 °C².

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 2133, *Aerospace series — Cadmium plating of steels with specified tensile strength $\leq 1\,450$ MPa, copper, copper alloys and nickel alloys*

EN 2367, *Aerospace series — Split pins in steel EN 2573*

EN 2424, *Aerospace series — Marking of aerospace products*

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

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 degrees C — Procurement specification*

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

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ Corresponds to the minimum tensile stress that 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 cadmium plating.

³ Published as ASD-STAN Technical Report at the date of publication of this standard by AeroSpace and Defence Industries Association of Europe — Standardization (ASD-STAN) (<http://www.asd-stan.org/>).