

<b>STN</b>	<b>Letectvo a kozmonautika</b> <b>Ploché šesťhranné matice, so zmenšeným</b> <b>otvorom kľúča, zo žiaruvzdornej ocele,</b> <b>postriebrené, s ľavotočivým závitom</b> <b>Trieda: 600 MPa (pri teplote okolia)/425 °C</b>	<b>STN</b> <b>EN 2924</b>  31 3257
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Aerospace series - Nuts, hexagon, plain, reduced height, reduced across flats, in heat resisting steel, silver plated, left hand thread -  
Classification: 600 MPa (at ambient temperature) / 425 C

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/19

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EUROPEAN STANDARD

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NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Aerospace series - Nuts, hexagon, plain, reduced height,  
reduced across flats, in heat resisting steel, silver plated,  
left hand thread - Classification: 600 MPa (at ambient  
temperature) / 425 °C**

Série aérospatiale - Écrous hexagonaux ordinaires,  
hauteur réduite, surplats réduits, en acier résistant à  
chaud, argentés, filetage à gauche - Classification: 600  
MPa (à température ambiante) / 425 °C

Luft- und Raumfahrt - Flache Sechskantmuttern, kleine  
Schlüsselweite, aus hochwarmfestem Stahl, versilbert,  
Linksgewinde - Klasse: 600 MPa (bei Raumtemperatur)  
/ 425 °C

This European Standard was approved by CEN on 15 July 2018.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

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## **European foreword**

This document (EN 2924:2019) 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 2019, and conflicting national standards shall be withdrawn at the latest by October 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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**EN 2924:2019 (E)****1 Scope**

This European standard specifies the characteristics of hexagon plain nuts, reduced height, reduced across flats, with left hand thread, in heat resisting steel, silver plated, for aerospace applications.

Classification: 600 MPa<sup>1</sup>/425 °C<sup>2</sup>.

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

EN 2786, *Aerospace series — Electrolytic silver plating of fasteners*

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

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

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

ISO 9139, *Aerospace — Nuts, plain or slotted (castellated) — Procurement specification*

TR 3823-002, *Aerospace series — Materials for plain, slotted and self-locking by plastic ring hexagonal nuts*<sup>3</sup>

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**

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<sup>1</sup> 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.

<sup>2</sup> 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 material.

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