

<b>STN</b>	<b>Letectvo a kozmonautika Zliatina hliníka 2024- - T3 Pretlačené tyče a profily 1,2 mm <math>\leq</math> (a alebo D) <math>\leq</math> 150 mm s kontrolou okrajovej zóny zhrubnutého zrna</b>	<b>STN EN 2638</b>  31 2334
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Aerospace series - Aluminium alloy 2024-T3 - Extruded bar and section - 1,2 mm (a or D) 150 mm with coarse peripheral grain control

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. 10/19

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EUROPEAN STANDARD

EN 2638

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

## Aerospace series - Aluminium alloy 2024- - T3 - Extruded bar and section - $1,2 \text{ mm} \leq (a \text{ or } D) \leq 150 \text{ mm}$ with coarse peripheral grain control

Série aérospatiale - Alliage d'aluminium 2024- - T3 -  
Barres et profilés filés -  $1,2 \text{ mm} \leq (a \text{ or } D) \leq 150 \text{ mm}$   
avec contrôle de la zone périphérique à gros grains

Luft- und Raumfahrt - Aluminiumlegierung 2024- - T3 -  
Stranggepresste Stangen und Profile -  $1,2 \text{ mm} \leq (a \text{ or } D) \leq 150 \text{ mm}$  mit Kontrolle der Grobkornrandzone

This European Standard was approved by CEN on 20 August 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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**EN 2638:2019 (E)**

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## **European foreword**

This document (EN 2638:2019) 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 November 2019, and conflicting national standards shall be withdrawn at the latest by November 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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**EN 2638:2019 (E)****Introduction**

This document is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

This document has been prepared in accordance with EN 4500-2.

## 1 Scope

This document specifies the requirements relating to:

Aluminium alloy 2024-T3  
Extruded bar and section  
 $1,2 \text{ mm} \leq (a \text{ or } D) \leq 150 \text{ mm}$   
with coarse peripheral grain control

for aerospace applications.

## 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 2004-1, *Aerospace series — Test methods for aluminium and aluminium alloy products — Part 1: Determination of electrical conductivity of wrought aluminium alloy products*

EN 2047, *Aerospace series — Beaded L-section extruded, in aluminium alloys — Dimensions*

EN 2048, *Aerospace series — Extruded L-section, in aluminium alloys — Dimensions*

EN 2049, *Aerospace series — Extruded channel section, in aluminium alloys — Dimensions*

EN 2050, *Aerospace series — Extruded T-section, in aluminium alloys — Dimensions*

EN 2070-1, *Aerospace series — Aluminium and aluminium alloy wrought products — Technical specification — Part 1: General requirements*

EN 2070-3, *Aerospace series — Aluminium and aluminium alloy wrought products — Technical specification — Part 3: Bar and section*

EN 2134, *Aerospace series — Round bars, extruded in aluminium and aluminium alloys — Diameter  $10 \text{ mm} \leq D \leq 220 \text{ mm}$  — Dimensions*

EN 2341, *Aerospace series — Aluminium and aluminium alloy — Square and rectangular extruded bars — Dimensions*

EN 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use*

EN 4500-2, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 2: Specific rules for aluminium, aluminium alloys and magnesium alloys*<sup>1</sup>

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

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<sup>1</sup> Published as ASD-STAN Prestandard at the date of publication of this standard by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN), <http://www.asd-stan.org/>.