

SLOVENSKI STANDARD

SIST EN 2633:2001

01-januar-2001

**Aerospace series - Aluminium alloy AL-P2024-T3511 - Extruded bars and sections
1,2 mm <= a or D <= 150 mm with peripheral coarse grain control**

Aerospace series - Aluminium alloy AL-P2024-T3511 - Extruded bars and sections 1,2 mm <= a or D <= 150 mm with peripheral coarse grain control

Luft- und Raumfahrt - Aluminiumlegierung AL-P2024-T3511 - Stranggepreßte Stangen und Profile 1,2 mm <= a oder D <= 150 mm mit Kontrolle der Grobkornrandzone

ITEN STANDARD PREVIEW

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Série aérospatiale - Alliage d'aluminium AL-P2024-T3511 - Barres et profilés filés 1,2 mm <= a ou D <= 150 mm avec contrôle de la zone périphérique a gros grains

<https://standards.iteh.ai/catalog/standards/sist/ec31c0a3-99fc-4614-a0ff-4a863dfe4788/sist-en-2633-2001>

Ta slovenski standard je istoveten z: **EN 2633:1993**

ICS:

49.025.20 Aluminij Aluminium

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en

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EUROPEAN STANDARD

EN 2633

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 1993

UDC 669.715-422:620.1.629.7

Descriptors: Aircraft industry, aluminium, aluminium alloys, metal bars, metal sections, extruded products

English version

Aerospace series - Aluminium alloy
AL-P2024-T3511 - Extruded bars and sections
1,2 mm < a or D < 150 mm with peripheral
coarse grain control

Série aérospatiale - Alliage d'aluminium
 AL-P2024-T3511 - Barres et profils filés 1,2
 mm < a ou D < 150 mm avec contrôle de la zone
 périphérique à gros grains

Luft- und Raumfahrt - Aluminiumlegierung
 AL-P2024-T3511 - Stranggepreßte Stangen und
 Profile 1,2 mm < a oder D < 150 mm mit
 Kontrolle der Grobkornrandzone

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This European Standard was approved by CEN on 1993-12-06. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
 Comité Européen de Normalisation
 Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

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

This standard was submitted for Formal Vote, and the result was positive.

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 1994, and conflicting national standards shall be withdrawn at the latest by June 1994.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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СТАНДАРТЫ И СЕРТИФИКАЦИИ ДЛЯ БИЗНЕСА

— АНАЛИЗЫ —

ПОДДЕРЖКА
СТАНДАРТНЫХ МОДЕЛЕЙ ОТ ТЕХНОЛОГИИ

0 Introduction

For the use of this standard, see EN 2500-2.

1 Scope

This standard specifies the requirements relating to extruded bars and sections in aluminium alloy, AL-P2024-, for use in the T3511 condition, $1,2 \text{ mm} \leq a$ or $D \leq 150 \text{ mm}$, with peripheral coarse grain control, for aerospace applications.

This standard may also be used to supply material in the T3510 condition, if the purchaser specifies this conditions on the order. In this case the designation of line 97 shall not be used.

2 Normative References

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- EN 2047 Beaded L- section aluminium alloy extrusions - Dimensions - Aerospace series ¹⁾
- EN 2048 L- section aluminium alloy extrusions - Dimensions - Aerospace series ¹⁾
- EN 2049 Channel section aluminium alloy extrusions - Dimensions - Aerospace series ¹⁾
- EN 2050 T- section aluminium alloy extrusions - Dimensions - Aerospace series ¹⁾
<https://standards.iteh.ai/catalog/standards/sist/ec1c0a3-99fc-4614-a0ff-4863dfc4788/iteh-en-2633-2001>
- EN 2070-3 Aerospace series - Aluminium and aluminium alloy wrought products - Technical specification - Part 3: Bar and section
- EN 2134 Round aluminium alloy bars - Extruded - Dimensions - Aerospace series ¹⁾
- EN 2341 Aluminium and aluminium alloy square and rectangular extruded bars - Dimensions - Aerospace series ¹⁾
- EN 2500-2 Aerospace series - Instructions for the drafting and use of metallic material standards - Part 2: Specific requirements for aluminium, aluminium alloys and magnesium alloys ²⁾
- EN 2600 Aerospace series - Designation of metallic semi-finished products - Rules ²⁾

1) Published as AECMA Standard at the date of publication of this standard

2) Published as AECMA Prestandard at the date of publication of this standard

44	External defects	-	See EN 2070-3		
51	Macrostructure	7	Back end defects: see EN 2070-3 Peripheral coarse grain: level A		
61	Internal defects	-	See EN 2070-3		
82	Batch uniformity	-	See EN 2070-3		
		7	Electrical conductivity	$\gamma = 18 \text{ MS/m}$ (typical value)	
			or		
		7	Hardness	120 HB (typical value)	$\delta \leq 16 \text{ HB per product}$ $\Delta \leq 24 \text{ HB per batch}$

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97	Designation	-	For extruded bars, see EN 2600. For extruded sections, see relevant drawing.		
98	Notes	-	1) Bar only 2) or $A_{50 \text{ mm}} \geq 11 \%$ 3) or $A_{50 \text{ mm}} \geq 10 \%$		
99	Typical use	-			