

Aerospace series - Aluminium alloy AL-C42101 - T6 -
Sand casting - $a \leq 20$ mm

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 2728:2018 sisaldab Euroopa standardi EN 2728:2018 ingliskeelset teksti.	This Estonian standard EVS-EN 2728:2018 consists of the English text of the European standard EN 2728:2018.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 21.11.2018.	Date of Availability of the European standard is 21.11.2018.
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English Version

Aerospace series - Aluminium alloy AL-C42101 - T6 - Sand casting - $a \leq 20$ mm

Série aérospatiale - Alliage d'aluminium AL-C42101 -
T6 - Pièce moulée en sable - $a \leq 20$ mm

Luft- und Raumfahrt - Aluminiumlegierung AL-C42101
- T6 - Sandgußstück - $a \leq 20$ mm

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European foreword

This document (EN 2728:2018) 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of an identical text or by endorsement, at the latest by May 2019, and conflicting national standards shall be withdrawn at the latest by May 2019.

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

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Introduction

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

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1 Scope

This European Standard specifies the requirements relating to:

Aluminium alloy AL-C42101
T6
Sand casting
 $a \leq 20$ mm

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 2076-3, *Aerospace series — Aluminium and magnesium alloy ingots and castings — Technical specification — Part 3: Pre-production and production castings*

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* ¹⁾

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

4 Requirements

Table 1 shows the requirements for aluminium alloy AL-C42101 T6, sand casting, $a \leq 20$ mm.

1) 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/>)