

Irish Standard I.S. EN 2699:2019&LC:2019

Aerospace series - Aluminium alloy (5086) - Annealed and straightened (H111) -Drawn bar - 6 mm \leq D \leq 50 mm

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National Foreword

I.S. EN 2699:2019&LC:2019 is the adopted Irish version of the European Document EN 2699:2019, Aerospace series - Aluminium alloy (5086) - Annealed and straightened (H111) - Drawn bar - 6 mm \leq D \leq 50 mm

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Correction Notice

Reference: EN 2699:2019

Title:

Aerospace series - Aluminium alloy (5086) - Annealed and straightened (H111) - Drawn bar - 6 mm ≤ D ≤ 50 mm

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Brussels, 2019-04-03

Please include the following minor editorial correction(s) in the document related to:

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It has been brought to our attention that this document, issued on 2019-03-27, requires modification.

Insertion of missing title page

Please find enclosed the updated English version.

We apologise for any inconvenience this may cause.

STD3/FO004 (November 2017)

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 2699

March 2019

ICS 49.025.20

English Version

Aerospace series - Aluminium alloy (5086) - Annealed and straightened (H111) - Drawn bar - 6 mm $\leq D \leq 50$ mm

Série aérospatiale - Alliage d'aluminium (5086) - Recuit et dressé (H111) - Barres étirées - 6 mm $\leq D \leq 50$ mm

Luft- und Raumfahrt - Aluminiumlegierung (5086) - Geglüht und gerichtet (H111) - Stangen, gezogen - 6 mm $\leq D \leq 50$ mm

This European Standard was approved by CEN on 20 August 2018.

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 CEN-CENELEC Management Centre or to any CEN member.

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European foreword

This document (EN 2699:2019) 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 September 2019, and conflicting national standards shall be withdrawn at the latest by September 2019.

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EN 2699:2019 (E)

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.

1 Scope

This European Standard specifies the requirements relating to:

Aluminium alloy (5086) Annealed and straightened (H111) Drawn bars $6 \text{ mm} \le D \le 50 \text{ mm}$

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 2044, Aerospace series — Round bars, drawn in aluminium and aluminium alloys — Tolerance class h 11 — Diameter 4 mm $\leq D \leq 63$ mm — Dimensions

EN 2045, Aerospace series — Square bars, drawn in aluminium and aluminium alloys — Tolerance class h 11 — Thickness 6 mm $\leq a \leq 50$ mm — Dimensions

EN 2046, Aerospace series — Hexagonal bars, drawn in aluminium and aluminium alloys — Tolerance class $h \ 11 - Width \ across \ flats \ 7 \ mm \le a \le 50 \ mm - Dimensions$

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

EN 4400-3, Aerospace series — Aluminium and aluminium alloy wrought products — Technical specification — Part 3: Aluminium and aluminium alloy bar and section

EN 4500-002, 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 <u>http://www.iso.org/obp</u>

4 Requirements

See Table 1.

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



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