

Aerospace series - Aluminium alloy 5086 - H111 -
Extruded bars - $10 \text{ mm} \leq D \leq 300 \text{ mm}$

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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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 and Accreditation.
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EUROPEAN STANDARD

EN 4900

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2022

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English Version

Aerospace series - Aluminium alloy 5086 - H111 - Extruded bars - $10 \text{ mm} \leq D \leq 300 \text{ mm}$

Série aérospatiale - Alliage d'aluminium 5086 - H111 -
Barres filées - $10 \text{ mm} \leq D \leq 300 \text{ mm}$

Luft- und Raumfahrt - Aluminiumlegierung 5086 -
H111 - Gezogene Stangen - $10 \text{ mm} \leq D \leq 300 \text{ mm}$

This European Standard was approved by CEN on 13 March 2022.

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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 4900:2022) 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 document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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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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 5086

H111

Extruded bars

$10 \text{ mm} \leq D \leq 300 \text{ mm}$

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 4400-3, *Aerospace series — Aluminium and aluminium- and magnesium- alloys — Technical specification — Part 3: Aluminium and aluminium alloy bar and section*

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

4 Requirements

According to Table 1.