

**Lennunduse ja kosmonautika seeria.
Alumiiniumisulamist sepietoorikud ja
sepiused. Tehnilised andmed. Osa 3:
Proovi- ja tootesepiused**

Aerospace series - Aluminium alloy forging stock
and forgings - Technical specification - Part 3: Pre-
production and production forgings

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 2082-3:2000 sisaldab Euroopa standardi EN 2082-3:1989 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 2082-3:2000 consists of the English text of the European standard EN 2082-3:1989.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: Standard määrab kindlaks täpsed nõuded alumiiniumisulamist proovi- ja tootesepiste kohta, mis on toodetud normdokumendile EN 2082-2 vastavatest sepietoorikutest. Standardit tuleb kasutada koos normdokumendiga EN 2082-1.</p>	<p>Scope:</p>
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Võtmesõnad: alumiiniumisulamid, detailed tehnilised andmed, lennukitööstus, matriitsisepised, märgistamine, sepiet, toodangu kontrollimine

EVS

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English version

**Aerospace series
Aluminium alloy
forging stock and forgings
Technical specification
Part 3 : Pre-production
and production forgings**

**Série aérospatiale
Produits destinés à la forge,
pièces forgées et pièces matricées
en alliages d'aluminium
Spécification technique
Partie 3 : Pièces types et pièces de série**

**Luft- und Raumfahrt
Schmiedevormaterial und Schmiedestücke
aus Aluminiumlegierungen
Technische Lieferbedingungen
Teil 3 : Ausfallmuster- und
Serienschmiedestücke**

This European Standard was accepted by CEN on 1988-11-03. CEN members are bound to comply with the requirements of CEN 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 Central Secretariat or to any CEN member.

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 CEN Central Secretariat has the same status as the official versions.

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CEN

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

Central Secretariat : Rue Bréderode 2, B-1000 Bruxelles

Brief history

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.

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

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- 4 Manufacture of production forgings
- 5 Inspection and testing of production forgings
- 6 Marking

1 Scope and field of application

This standard specifies the particular requirements for aluminium alloy pre-production and production forgings produced from forging stock complying with EN 2082-2. It shall be used in conjunction with EN 2082-1.

2 References

- EN 2002-1, Aerospace series - Test methods for metallic materials - Part 1 - Tensile testing at ambient temperature 1)
- EN 2002-7, Aerospace series - Test methods for metallic materials - Part 7 - Hardness tests 1)
- EN 2002-16, Aerospace series - Test methods for metallic materials - Part 16 - Dye penetrant testing 1)
- EN 2002-22, Aerospace series - Test methods for metallic materials - Part 22 - Plane strain fracture toughness test 1)
- EN 2002-23, Aerospace series - Test methods for metallic materials - Part 23 - Sharp-notch tension testing 1)
- EN 2004-1, Aerospace series - Test methods for aluminium and aluminium alloy products - Part 1 - Determination of electrical conductivity of wrought aluminium alloys 1)
- EN 2004-2, Test methods for aluminium and aluminium alloy products - Part 2 - Ultrasonic testing of plates, forgings and extrusions - Aerospace series
- EN 2004-4, Aerospace series - Test methods for aluminium and aluminium alloy products - Part 4 - Stress corrosion cracking test
- EN 2082-1, Aerospace series - Aluminium alloy forging stock and forgings - Technical specification - Part 1 - General requirements
- EN 2082-2, Aerospace series - Aluminium alloy forging stock and forgings - Technical specification - Part 2 - Forging stock
- EN 2101, Aerospace series - Chromic acid anodizing of aluminium and wrought aluminium alloys.

1) In preparation