

Aerospace series - Steel X5CrNiCuNb16-4 (1.4549 type 1.4542) - As cast - Reference heat treatment: homogenised, solution treated, precipitation hardened and sub zero - Remelting stock

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 3484:2019 sisaldab Euroopa standardi EN 3484:2019 ingliskeelset teksti.	This Estonian standard EVS-EN 3484:2019 consists of the English text of the European standard EN 3484:2019.
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 04.12.2019.	Date of Availability of the European standard is 04.12.2019.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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ICS 49.025.10

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English Version

**Aerospace series - Steel X5CrNiCuNb16-4 (1.4549 type
1.4542) - As cast - Reference heat treatment:
homogenised, solution treated, precipitation hardened and
sub zero - Remelting stock**

Série aérospatiale - Acier X5CrNiCuNb16-4 (1.4549
type 1.4542) - Brut de coulée - Traitement thermique
de référence : homogénéisé, mis en solution, durci par
précipitation et traité sous-zéro - Produits pour
refusion

Luft- und Raumfahrt - Stahl X5CrNiCuNb16-4 (1.4549
typ 1.4542) - Gegossen - Referenz wärmebehandlung:
diffusionsgeglüht, lösungsgeglüht, ausgehärtet und
tieftemperaturbehandelt - Gussvormaterial

This European Standard was approved by CEN on 22 April 2019.

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.

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 the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Contents	Page
European foreword	3
Introduction	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	5
4 Requirements.....	5
Bibliography.....	8

European foreword

This document (EN 3484:2019) 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 document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2020, and conflicting national standards shall be withdrawn at the latest by June 2020.

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 4500-005.

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1 Scope

This document specifies the requirements relating to:

Steel X5CrNiCuNb16-4 (1.4549 type 1.4542)

As cast

Reference heat treatment:

homogenised, solution treated, precipitation hardened and sub zero

Remelting stock

for aerospace applications.

ASD-STAN designation: FE-CM61.

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 2103-2, *Aerospace series — Steel, nickel base and cobalt base alloy remelting stock and castings — Technical specification — Part 2: Remelting stock*

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:

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

4 Requirements

See Table 1.