ICS 49.025.10 SLOVENSKÁ TECHNICKÁ NORMA Máj 2023

STN	**Letectvo a kozmonautika Oceľ X3CrNiMoAl (1.4534) Indukčné tavenie vo vákuu a pretavovanie elektródy Homogenizačne a precipitačne žíhané tyče na obrábanie, *a* alebo *D* <= 200 mm, 1 200 MPa <= R_m <= 1 350 MPa**	**STN EN 4884** 31 2898

Aerospace series - Steel X3CrNiMoAl (1.4534) - Vacuum induction melted and consumable electrode remelted - Solution treated and precipitation treated - Bars for machining - a or D <= 200 mm - 1 200 MPa <= Rm <= 1 350 MPa

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/23

Obsahuje: EN 4884:2022

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 4884

December 2022

ICS 49.025.10

English Version

Aerospace series - Steel X3CrNiMoAl (1.4534) - Vacuum induction melted and consumable electrode remelted - Solution treated and precipitation treated - Bars for machining - a or D ≤ 200 mm - 1 200 MPa ≤ Rm ≤ 1 350 MPa

Série aérospatiale - Acier X3CrNiMoAl (1.4534) - Élaboré sous vide par induction et refondu à l'électrode consommable - Mis en solution et précipité - Barres pour usinage - a ou D ≤ 200 mm - 1 200 MPa ≤ Rm ≤ 1 350 MPa

Luft- und Raumfahrt - Stahl X3CrNiMoAl (1.4534) - Vakuuminduktionserschmolzen und mit selbstverzehrender Elektrode umgeschmolzen - Lösungsgeglüht und ausscheidungsgehärtet - Stangen für die Bearbeitung - a oder D ≤ 200 mm - 1 200 MPa ≤ Rm ≤ 1 350 MPa

This European Standard was approved by CEN on 22 August 2022.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 4884:2022) 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, 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of an identical text or by endorsement, at the latest by June 2023, and conflicting national standards shall be withdrawn at the latest by June 2023.

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.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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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.

1 Scope

This document specifies the requirements relating to:

Steel X3CrNiMoAl (1.4534)

Vacuum induction melted and consumable electrode remelted

Solution treated and precipitation treated

Bars for machining

a or $D \leq 200$ mm

$1\,200 \text{ MPa} \leq R_m \leq 1\,350 \text{ MPa}$

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 4700-002, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 002: Bars and sections*

AMS 2315, *Determination of Delta Ferrite Content* [1)]

[1)] Published by: SAE International (US), https://www.sae.org/.