ICS 49.025.10 SLOVENSKÁ TECHNICKÁ NORMA Jún 2020

STN	**Letectvo a kozmonautika Oceľ X3CrNiMoAl13-8-2 (1.4534) Rozpúšťané a precipitačne vytvrdené výkovky De <= 100 mm, 1 400 MPa <= Rm <= 1 550 MPa**	**STN EN 3486** 31 2875

Aerospace series - Steel X3CrNiMoAl13-8-2 (1.4534) - Solution annealed and precipitation hardened - 1 400 Rm 1 550 MPa - Forgings - De 100 mm

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. 05/20

Obsahuje: EN 3486:2019

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3486

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English Version

Aerospace series - Steel X3CrNiMoAl13-8-2 (1.4534) - Solution annealed and precipitation hardened - 1 400 ≤ Rm ≤ 1 550 MPa - Forgings - De ≤ 100 mm

Série aérospatiale - Acier X3CrNiMoAl13-8-2 (1.4534) - Recuit de mise en solution et durci par précipitation - 1 400 ≤ Rm ≤ 1 550 MPa - Pièces forgées ou matricées - De ≤ 100 mm

uft- und Raumfahrt - Stahl X3CrNiMoAl13-8-2 (1.4534) - Dösungsgeglüht mit abschrecken und ausgehärtet - 1 400 ≤ Rm ≤ 1 550 MPa - Schmiedestücke - De ≤ 100 mm

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

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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 3486:2019) 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of an identical text or by endorsement, at the latest by June 2020, and conflicting national standards shall be withdrawn at the latest by June 2020.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.

1 Scope

This document specifies the requirements relating to:

Steel X3CrNiMoAl13-8-2 (1.4534)
Solution annealed and precipitation hardened
$1\,400 \leq R_m \leq 1\,550$ MPa
Forgings
$D_e \leq 100$ mm

for aerospace applications.

ASD-STAN designation: FE-PM67.

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 2157-3, *Aerospace series — Steel — Forging stock and forgings — Technical specification — Part 3: Pre-production and production forgings*

EN 3359, *Aerospace series — Steel FE-PM1503 (X3CrNiMoAl13-8-2) — Vacuum induction melted and consumable electrode remelted, softened, forging stock a or D ≤ 300 mm*