

**Aerospace series - Steel FE-PM2701 (X2NiCoMo18-8-5) -
Vacuum induction melted and vacuum arc remelted -
Solution treated and precipitation treated - Forgings - a
or $D \leq 150 \text{ mm}$ - $1\,750 \text{ MPa} \leq R_m \leq 2000 \text{ Mpa}$**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 3529:2010 sisaldab Euroopa standardi EN 3529:2010 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 30.04.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 10.03.2010.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 3529:2010 consists of the English text of the European standard EN 3529:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 30.04.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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English Version

Aerospace series - Steel FE-PM2701 (X2NiCoMo18-8-5) -
Vacuum induction melted and vacuum arc remelted - Solution
treated and precipitation treated - Forgings - a or D ≤ 150 mm -
1 750 MPa ≤ Rm ≤ 2 000 MPa

Série aérospatiale - Acier FE-PM2701 (X2NiCoMo18-8-5) -
Élaboré sous vide et refondu par arc sous vide - Mis en
solution et vieilli - Pièces forgées et pièces matricées - a ou
D ≤ 150 mm - 1 750 MPa ≤ Rm ≤ 2 000 MPa

Luft- und Raumfahrt - Stahl FE-PM2701 (X2NiCoMo18-8-5)
- Vakuuminduktionerschmolzen und mit
selbstverzehrender Elektrode im Vakuum umgeschmolzen
- Lösungsgeglüht und ausgelagert - Schmiedestücke - a
oder D ≤ 150 mm - 1 750 MPa ≤ Rm ≤ 2 000 MPa

This European Standard was approved by CEN on 28 November 2009.

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 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 Management Centre has the same status as the official versions.

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

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Foreword

This document (EN 3529:2010) 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 European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2010, and conflicting national standards shall be withdrawn at the latest by September 2010.

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.

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Introduction

This standard 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 standard has been prepared in accordance with EN 4500-5.

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1 Scope

This standard specifies the requirements relating to:

Steel FE-PM2701 (X2NiCoMo18-8-5)
 Vacuum induction melted and vacuum arc remelted
 Solution treated and precipitation treated
 Forgings
 a or $D \leq 150$ mm
 $1\,750 \text{ MPa} \leq R_m \leq 2\,000 \text{ MPa}$

for aerospace applications.

2 Normative references

The following referenced documents are indispensable for the application 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 3530, *Aerospace series — Steel FE-PA95 — Softened — Reference heat treatment: solution treated and precipitation treated — Forging stock — $D_s \leq 200$ mm*¹⁾

EN 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use*

EN 4500-5, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 5: Specific rules for steels*¹⁾

EN 4700-006, *Aerospace series — Steel and heat resisting alloys — Wrought product — Technical specification — Part 006: Pre-production and production forgings*¹⁾

1) Published as ASD Prestandard at the date of publication of this standard.