

**Aerospace series - Steel FE-PM1506  
(X5CrNiMoAl13-8-2) - Vacuum induction  
melted and consumable electrode  
remelted - Solution treated and  
precipitation treated - Forgings - a or D  
≤ 150 mm - Rm ≥ 1 400 Mpa**

Aerospace series - Steel FE-PM1506  
(X5CrNiMoAl13-8-2) - Vacuum induction melted and  
consumable electrode remelted - Solution treated  
and precipitation treated - Forgings - a or D ≤ 150  
mm - Rm ≥ 1 400 Mpa

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 4466:2007 sisaldab Euroopa standardi EN 4466:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 14.09.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 4466:2007 consists of the English text of the European standard EN 4466:2007.</p> <p>This document is endorsed on 14.09.2007 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><b>Käsitlusala:</b> This standard specifies the requirements relating to: Steel FE-PM1506 (X5CrNiMoAl13-8-2) Vacuum induction melted and consumable electrode remelted Solution treated and precipitation treated Forgings a or D ≤ 150 mm Rm ≥ 1 400 Mpa for aerospace applications.</p>	<p><b>Scope:</b> This standard specifies the requirements relating to: Steel FE-PM1506 (X5CrNiMoAl13-8-2) Vacuum induction melted and consumable electrode remelted Solution treated and precipitation treated Forgings a or D ≤ 150 mm Rm ≥ 1 400 Mpa for aerospace applications.</p>
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ICS 49.025.10

Võtmesõnad:

ICS 49.025.10

English Version

Aerospace series - Steel FE-PM1506 (X5CrNiMoAl13-8-2) -  
Vacuum induction melted and consumable electrode remelted -  
Solution treated and precipitation treated - Forgings - a or D ≤  
150 mm - Rm ≥ 1 400 MPa

Série aérospatiale - Acier FE-PM1506 (X5CrNiMoAl13-8-2)  
- Élaboré sous vide par induction et refondu à l'électrode  
consommable - Mis en solution vieilli - Pièces forgées et  
pièces matricées - a ou D ≤ 150 mm - Rm ≥ 1 400 MPa

Luft- und Raumfahrt - Stahl FE-PM1506 (X5CrNiMoAl13-8-  
2) - Vakuuminduktionserschmolzen und mit  
selbstverzehrender Elektrode umgeschmolzen -  
Lösungsgeglüht und ausgelagert - Schmiedestücke - a  
oder D ≤ 150 mm - Rm ≥ 1 400 MPa

This European Standard was approved by CEN on 15 February 2007.

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

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## Foreword

This document (EN 4466:2007) 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 January 2008, and conflicting national standards shall be withdrawn at the latest by January 2008.

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.

## 1 Scope

This standard specifies the requirements relating to:

Steel FE-PM1506 (X5CrNiMoAl13-8-2)  
 Vacuum induction melted and consumable electrode remelted  
 Solution treated and precipitation treated  
 Forgings  
 $a$  or  $D \leq 150$  mm  
 $R_m \geq 1\,400$  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 2157-3, *Aerospace series — Steel — Forging stock and forgings — Technical specification — Part 3: Pre-production and production forgings.*

EN 2857-2, *Aerospace series — Magnetic particles inspection — Part 2: Inspection requirements.* <sup>1)</sup>

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

EN 4347, *Aerospace series — Steel FE-PM1506 (X3CrNiMoAl13-8-2) — Vacuum induction melted and consumable electrode remelted — Softened — Forging stock —  $a$  or  $D \leq 300$  mm.* <sup>2)</sup>

EN 4500-5, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 5: Specific rules for steels.* <sup>2)</sup>

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1) In preparation at the date of publication of this standard.

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