

<b>STN</b>	<b>Letectvo a kozmonautika</b> <b>Oceľ X6CrNiTi18-10 (1.4541)</b> <b>Tavenie na vzduchu</b> <b>Žíhaná tyč na obrábanie, <math>a</math> alebo <math>D \leq 250</math> mm,</b> <b><math>500 \text{ MPa} \leq R_m \leq 700 \text{ MPa}</math></b>	<b>STN</b> <b>EN 3487</b>  31 2171
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Aerospace series - Steel X6CrNiTi18-10 (1.4541) - Air melted - Softened - Bars for machining - a or D 250 mm - 500 MPa Rm 700 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. 01/25

Obsahuje: EN 3487:2024

Oznámením tejto normy sa ruší  
STN EN 3487 (31 2171) z júna 2008

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EUROPEAN STANDARD

EN 3487

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2024

ICS 49.025.10

Supersedes EN 3487:2007

English Version

**Aerospace series - Steel X6CrNiTi18-10 (1.4541) - Air  
melted - Softened - Bars for machining - a or D ≤ 250 mm -  
500 MPa ≤ Rm ≤ 700 MPa**

Série aérospatiale - Acier X6CrNiTi18-10 (1.4541) -  
Élaboré à l'air - Adouci - Barres pour usinage - a ou D ≤  
250 mm - 500 MPa ≤ Rm ≤ 700 MPa

Luft- und Raumfahrt - Stahl X6CrNiTi18-10 (1.4541) -  
Lufterschmolzen - Weichgeglüht - Stangen zur  
spanenden Bearbeitung - a oder D ≤ 250 mm - 500 MPa  
≤ Rm ≤ 700 MPa

This European Standard was approved by CEN on 19 May 2024.

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.

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

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**EN 3487:2024 (E)**

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## European foreword

This document (EN 3487:2024) has been prepared by 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-STAN, 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 May 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

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.

This document supersedes EN 3487:2007.

The main changes with respect to the previous edition are as follows:

- EN 3487 (P2), 12/2007 — General editorial improvements and update of the references in the bibliography.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this document: 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, Türkiye and the United Kingdom.

**EN 3487:2024 (E)****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 X6CrNiTi18-10 (1.4541)

Air melted

Softened

Bars for machining

$a$  or  $D \leq 250$  mm

$500 \text{ MPa} \leq R_m \leq 700 \text{ MPa}$

for aerospace applications.

W.nr: 1.4541.

ASD-STAN designation: FE-PA3601.

## 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 2043, *Aerospace series — Metallic materials — General requirements for semi-finished product qualification (excluding forgings and castings)*

EN 4436,<sup>1</sup> *Aerospace series — Steel — Test methods — Determination of  $\delta$  ferrite content*

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

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**

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<sup>1</sup> Published as ASD-STAN prEN at the date of publication of this document, available at: <https://asd-stan.org/>.