

STN	Letectvo a kozmonautika Zliatina odolávajúca vysokým teplotám X6NiCrTiMoV26-15 (1.4980) Pretavovanie elektródy Homogenizačne a precipitačne žíhané tyče a profily, $D_e \leq 100$ mm, $R_m \geq 960$ MPa	STN EN 4318 31 2168
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Aerospace series - Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980) - Consumable electrode remelted - Solution treated and precipitation treated - Bars and sections - $D_e \leq 100$ mm - $R_m \geq 960$ 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. 03/26

Obsahuje: EN 4318:2025

Oznámením tejto normy sa ruší
STN EN 4318 (31 2168) z januára 2008

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EUROPEAN STANDARD

EN 4318

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 4318:2007

English Version

**Aerospace series - Heat-resisting alloy X6NiCrTiMoV26-15
(1.4980) - Consumable electrode remelted - Solution
treated and precipitation treated - Bars and sections - $D_e \leq$
100 mm - $R_m \geq 960$ MPa**

Série aérospatiale - Alliage résistant à chaud
X6NiCrTiMoV26-15 (1.4980) - Refondu à l'électrode
consommable - Mis en solution et précipité - Barres et
profilés - $D_e \leq 100$ mm - $R_m \geq 960$ MPa

Luft- und Raumfahrt - Hochwarmfeste Legierung
X6NiCrTiMoV26-15 (1.4980) - Mit selbstverzehrender
Elektrode umgeschmolzen - Lösungsgeglüht und
ausscheidungsgehärtet - Stangen und Profile - $D_e \leq 100$
mm - $R_m \geq 960$ MPa

This European Standard was approved by CEN on 26 October 2025.

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.

CEN members are the national standards bodies of 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 United Kingdom.



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

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EN 4318:2025 (E)

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European foreword

This document (EN 4318:2025) 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 June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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 4318:2007.

EN 4318:2025 includes the following significant technical changes with respect to EN 4318:2007:

- update of the material designation;
- correction of the format of Table 1 to comply with the requirements of the EN 4500 series;
- update of Clause 2; and
- addition of a 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 4318:2025 (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 4500-003.

1 Scope

This document specifies the requirements relating to:

Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980)
Consumable electrode remelted
Solution treated and precipitation treated
Bars and sections
 $D_e \leq 100$ mm
 $R_m \geq 960$ MPa

for aerospace applications.

W.nr: 1.4980.

ASD-STAN designation: FE-PA2601.

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 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