

<b>STN</b>	<p><b>Letectvo a kozmonautika</b>  <b>Zliatina odolávajúce vysokým teplotám FE-PA2602</b>  <b>(X4NiCrTiMoV26-15)</b>  <b>Homogenizačne a precipitačne žíhané výkovky De</b>  <b>&lt;= 100 mm, Rm =&gt; 850 MPa</b></p>	<p><b>STN</b>  <b>EN 2174</b></p> <p>31 2852</p>
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Aerospace series - Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) - Solution treated and precipitation treated - Forgings - De 100 mm - Rm 850 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. 05/18

Obsahuje: EN 2174:2017

**126602**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2018  
 Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii.

EUROPEAN STANDARD

EN 2174

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2017

ICS 49.025.10

English Version

**Aerospace series - Heat resisting alloy FE-PA2602  
(X4NiCrTiMoV26-15) - Solution treated and precipitation  
treated - Forgings -  $De \leq 100$  mm -  $Rm \geq 850$  MPa**

Série aérospatiale - Acier résistant à chaud FE-PA2602  
(X4NiCrTiMoV26-15) - Mis en solution et précipité -  
Pièces forgées et pièces matricées -  $De \leq 100$  mm -  $Rm$   
 $\geq 850$  MPa

Luft- und Raumfahrt - Hochwarmfeste Legierung FE-  
PA2602 (X4NiCrTiMoV26-15) - Lösungsgeglüht und  
ausgehärtet - Schmiedestücke -  $De \leq 100$  mm -  $Rm \geq$   
850 MPa

This European Standard was approved by CEN on 4 September 2017.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 2174:2017 (E)**

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## **European foreword**

This document (EN 2174:2017) 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 June 2018 and conflicting national standards shall be withdrawn at the latest by June 2018.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**EN 2174:2017 (E)****Introduction**

This European 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 European Standard has been prepared in accordance with EN 4500-003.

## 1 Scope

This European Standard specifies the requirements relating to:

Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15)  
Solution treated and precipitation treated  
Forgings  
 $D_e \leq 100$  mm  
 $R_m \geq 850$  MPa

for aerospace applications.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

EN 4314, *Aerospace series — Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) — Non heat treated, forging stock —  $a$  or  $D \leq 250$  mm*

EN 4500-003, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 003: Specific rules for heat resisting alloys*

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

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