

STN	<p style="text-align: center;">Letectvo a kozmonautika Zliatina odolávajúca vysokým teplotám NI-PH1302 (NiCr20Co13Mo4Ti3Al) Homogenizačne žíhané a za studena tvárnené tyče na kované spojovacie súčiastky, 3 mm <= D <= 30 mm</p>	<p>STN EN 2959</p> <p style="text-align: right;">31 2683</p>
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Aerospace series - Heat resisting alloy NI-PH1302 (NiCr20Co13Mo4Ti3Al) - Solution treated and cold worked - Bar for forged fasteners - 3 mm D 30 mm

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. 11/19

Obsahuje: EN 2959:2019

EUROPEAN STANDARD

EN 2959

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2019

ICS 49.025.15; 49.025.99

English Version

**Aerospace series - Heat resisting alloy NI-PH1302
(NiCr20Co13Mo4Ti3Al) - Solution treated and cold
worked - Bar for forged fasteners - $3 \text{ mm} \leq D \leq 30 \text{ mm}$**

Série aérospatiale - Alliage résistant à chaud - NI-
PH1302 (NiCr20Co13Mo4Ti3Al) - Mis en solution et
écroui - Barres pour éléments de fixations forgés - 3
 $\text{mm} \leq D \leq 30 \text{ mm}$

Luft- und Raumfahrt - Hochwarmfeste Legierung - NI-
PH1302 (NiCr20Co13Mo4Ti3Al) - Lösungsgeglüht und
kaltverfestigt - Stangen zum Warmstauchschmieden
für Verbindungselemente - $3 \text{ mm} \leq D \leq 30 \text{ mm}$

This European Standard was approved by CEN on 6 January 2019.

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.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 2959:2019) 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 December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

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.

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EN 2959:2019 (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 NI-PH1302 (NiCr20Co13Mo4Ti3Al)
Solution treated and cold worked
Bar for forged fasteners
 $3 \text{ mm} \leq D \leq 30 \text{ mm}$

for aerospace applications.

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

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

EN 4700-002, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 002 : bar and section¹⁾*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹⁾ Published as ASD-STAN Prestandard at the date of publication of this standard by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN) (<http://www.asd-stan.org/>)