

<b>STN</b>	<b>Letectvo a kozmonautika</b> <b>Zliatina niklu odolávajúca vysokým teplotám</b> <b>(Ni-P101HT)</b> <b>Tvárnené tyče za studena a žíhané rozpúšťaním</b> <b>na obrábanie na spojovacie súčiastky 3 mm ≤ D</b> <b>≤ 50 mm</b>	<b>STN</b> <b>EN 2960</b>  31 2688
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Aerospace series - Heat resisting nickel base alloy (NI-P101HT) - Cold worked and solution treated - Bars for machining for fasteners - 3 mm D 50 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. 08/20

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EUROPEAN STANDARD

EN 2960

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

## Aerospace series - Heat resisting nickel base alloy (NI-P101HT) - Cold worked and solution treated - Bars for machining for fasteners - $3 \text{ mm} \leq D \leq 50 \text{ mm}$

Série aérospatiale - Alliage résistant à chaud base nickel (NI-P101HT) - Écroui et mis en solution - Barres pour usinage pour fixations -  $3 \text{ mm} \leq D \leq 50 \text{ mm}$

Luft- und Raumfahrt - Hochwarmfeste Nickellegierung (NI-P101HT) - Kaltverfestigt und lösungsgeglüht - Stangen zur spanabhebenden Formgebung für Verbindungselemente -  $3 \text{ mm} \leq D \leq 50 \text{ mm}$

This European Standard was approved by CEN on 8 December 2019.

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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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## **European Foreword**

This document (EN 2960:2020) 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 September 2020, and conflicting national standards shall be withdrawn at the latest by September 2020.

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 organisations of the following countries are bound to implement this European Standard: 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, Turkey and the United Kingdom.

**EN 2960:2020 (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 nickel base alloy (NI-P101HT)  
Cold worked and solution treated  
Bars for machining for fasteners  
 $3 \text{ mm} \leq D \leq 50 \text{ mm}$

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 2344, *Aerospace series — Round bars, machined in heat resisting alloys — Diameter  $10 \text{ mm} \leq D \leq 180 \text{ mm}$  — Dimensions*

EN 2369, *Aerospace series — Wires, heat resisting alloys — Diameter  $0,2 \text{ mm} \leq D \leq 8 \text{ mm}$  — Dimensions*

EN 2600, *Aerospace series — Designation of metallic semi-finished products — Rules*

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

EN 4700-004, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 004: Wire*

EN 4800-002, *Aerospace series — Titanium and titanium alloys — Technical specification — Part 002: Bar and section*

EN 4800-004, *Aerospace series — Titanium and titanium alloys — Technical specification — Part 004: Wire*

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