

<b>STN</b>	<p><b>Letectvo a kozmonautika</b> <b>Zliatina odolávajúca vysokým teplotám</b> <b>CO-PH4101 (CoCr20W15N1)</b> <b>Tavenie vo vákuu</b> <b>Výkovky žíhané rozpúšťaním De &lt;= 100 mm</b></p>	<b>STN EN 4566</b>
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Aerospace series - Heat resisting alloy CO-PH4101 (CoCr20W15N1) -Vacuum melted - Solution treated - forgings - De 100 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. 06/22

Obsahuje: EN 4566:2022

**135000**

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 4566

March 2022

ICS 49.025.15

English Version

Aerospace series - Heat resisting alloy CO-PH4101  
(CoCr20W15Ni) - Vacuum melted - Solution treated -  
Forgings - De ≤ 100 mm

Série aéronautique - Alliage résistant à chaud CO-  
PH4101 (CoCr20W15Ni) - Élaboré sous vide - Mis en  
solution - Pièces forgées ou matricées - De ≤ 100 mm

Luft- und Raumfahrt - Hochwarmfeste Legierung CO-  
PH4101 (CoCr20W15Ni) - Vakuumerschmolzen -  
Lösungsgeglüht - Schmiedestücke - De ≤ 100 mm

This European Standard was approved by CEN on 22 February 2021.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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## European foreword

This document (EN 4566:2022) 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 document 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 document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2022, and conflicting national standards shall be withdrawn at the latest by September 2022.

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 4566:2022 (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-resistant alloy CO-PH4101 (CoCr20W15Ni)  
Vacuum melted  
Solution treated  
Forgings  
 $D_e \leq 100$  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 4700-006, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 006: Pre-production and production forgings*

EN 4246, *Aerospace series — Heat resisting alloy CO-PH4101 (CoCr26Ni11W) — Vacuum melted — As forged — Forging stock —  $D_e \leq 360$  mm* <sup>1)</sup>

koniec náhľadu – text d'alej pokračuje v platenej verzii STN

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