

STN	Letectvo a kozmonautika Oceľ X5CrNoMoCuNb14-5 (1.4594) Výkovky De ≤ 150 mm, 930 MPa ≤ Rm ≤ 1 080 MPa	STN EN 2503 31 2872
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Aerospace series - Steel X5CrNoMoCuNb14-5 (1.4594) - 930 MPa Rm 1 080 MPa - Forgings - De 150 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. 05/20

Obsahuje: EN 2503:2019

130631

EUROPEAN STANDARD

EN 2503

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2019

ICS 49.025.10

English Version

**Aerospace series - Steel X5CrNoMoCuNb14-5 (1.4594) -
930 MPa ≤ Rm ≤ 1 080 MPa - Forgings - De ≤ 150 mm**

Série aérospatiale - Acier X5CrNoMoCuNb14-5
(1.4594) - 930 MPa ≤ Rm ≤ 1 080 MPa - Pièces forgées
ou matricées - De ≤ 150 mm

Luft- und Raumfahrt - Stahl X5CrNoMoCuNb14-5
(1.4594) - 930 MPa ≤ Rm ≤ 1 080 MPa - Gesenk- und
Freiformschmiedestücke - De ≤ 150 mm

This European Standard was approved by CEN on 4 February 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

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

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European foreword

This document (EN 2503:2019) 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 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of an identical text or by endorsement, at the latest by June 2020, and conflicting national standards shall be withdrawn at the latest by June 2020.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.

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EN 2503:2019 (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 4500-005.

1 Scope

This document specifies the requirements relating to:

Steel X5CrNoMoCuNb14-5 (1.4594)
 $930 \text{ MPa} \leq R_m \leq 1\,080 \text{ MPa}$
Forgings
 $D_e \leq 150 \text{ mm}$

for aerospace applications.

ASD-STAN designation: FE-PM66.

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 2157-1, *Aerospace series — Steel — Forging stock and forgings — Technical specification — Part 1: General requirements*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN