ICS 49.025.10 SLOVENSKÁ TECHNICKÁ NORMA Jún 2020

STN	**Letectvo a kozmonautika Oceľ X5CrNoMoCuNb14-5 (1.4594) Tyče, 930 MPa <= Rm <= 1 080 MPa**	**STN EN 2502** 31 2870

Aerospace series - Steel X5CrNoMoCuNb14-5 (1.4594) - 930 MPa Rm 1 080 MPa - Bars

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 2502:2019

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2502

December 2019

ICS 49.025.10

English Version

Aerospace series - Steel X5CrNoMoCuNb14-5 (1.4594) - 930 MPa ≤ Rm ≤ 1 080 MPa - Bars

Série aérospatiale - Acier X5CrNoMoCuNb14-5 (1.4594) - 930 MPa ≤ Rm ≤ 1 080 MPa - Barres

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

This European Standard was approved by CEN on 4 February 2019.

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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 2502:2019) 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of an identical text or by endorsement, at the latest by June 2020, and conflicting national standards shall be withdrawn at the latest by June 2020.

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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 MPa ≤ R_m ≤ 1 080 MPa
Bars
D_e ≤ 150 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 2034, *Round steel bars drawn and/or descaled — Dimensions — Tolerance h 11 — Aerospace series*

EN 2035, *Round steel bars — Drawn — Dimensions — Tolerance h 9 — Aerospace series* [1)]

EN 2036, *Round steel bars — Ground — Dimensions — Tolerance h 8 — Aerospace series*

EN 2037, *Hexagonal steel bars — Drawn — Dimensions — Tolerances h 11 and h 12 — Aerospace series*

EN 2038, *Hexagonal steel bars — Drawn — Dimensions — Tolerance h 9 — Aerospace series* [1)]

EN 2039, *Rectangular steel bars — Drawn — Dimensions — Tolerances h 11/h 12 — Aerospace series* [1)]

EN 2040, *Rectangular steel bars — Rolled — Dimensions — Tolerance js 16 — Aerospace series*

EN 2041, *Square steel bars — Drawn — Dimensions — Tolerances h 11/h 12 — Aerospace series* [1)]

EN 2042, *Square steel bars — Rolled — Dimensions — Tolerance js 16 — Aerospace series* [1)]

EN 4700-002, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 002: Bars and sections* [1)]