

STN	Letectvo a kozmonautika Oceľ 31Ni10, 1 230 MPa \leq Rm \leq 1 420 MPa, tyče De \leq 40 mm	STN EN 2450 31 2860
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Aerospace series - Steel 31Ni10 - 1 230 MPa Rm 1 420 MPa - Bars - De 40 mm

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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EUROPEAN STANDARD

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English Version

Aerospace series - Steel 31Ni10 - $1\ 230\ \text{MPa} \leq R_m \leq 1\ 420\ \text{MPa}$ - Bars - $D_e \leq 40\ \text{mm}$ Série aérospatiale - Acier 31Ni10 - $1\ 230\ \text{MPa} \leq R_m \leq 1\ 420\ \text{MPa}$ - Barres - $D_e \leq 40\ \text{mm}$ Luft- und Raumfahrt - Stahl 31Ni10 - $1\ 230\ \text{MPa} \leq R_m \leq 1\ 420\ \text{MPa}$ - Stangen - $D_e \leq 40\ \text{mm}$

This European Standard was approved by CEN on 27 May 2018.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 25 September 2019.

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

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EN 2450:2018 (E)

Contents	Page
European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements	5

European foreword

This document (EN 2450:2018) 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of an identical text or by endorsement, at the latest by June 2019, and conflicting national standards shall be withdrawn at the latest by June 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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EN 2450:2018 (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:

$$\begin{array}{c} \text{Steel 31Ni10} \\ 1\,230 \text{ MPa} \leq R_m \leq 1\,420 \text{ MPa} \\ \text{Bars} \\ D_e \leq 40 \text{ mm} \end{array}$$

for aerospace applications.

The ASD STAN designation of this material is FE-PL73.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2034, *Aerospace series — Round steel bars drawn and/or descaled — Dimensions — Tolerance h 11*

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

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

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

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, *Aerospace series — Rectangular steel bars rolled — Dimensions — Tolerance js 16*

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

EN 4500-005, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 005: Specific rules for steels*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

1) Published as ASD-STAN Standard at the date of publication of this European Standard by AeroSpace and Defence industries Association of Europe - Standardization (www.asd-stan.org)