

STN	Letectvo a kozmonautika Oceľ FE-PL75, 1 100 MPa \leq Rm \leq 1 250 MPa, tyče De \leq 100 mm	STN EN 2137 31 2849
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Aerospace series - Steel FE-PL75 - 1 100 MPa Rm 1 250 MPa - Bars - De 100 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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NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Aerospace series - Steel FE-PL75 - $1\ 100\ \text{MPa} \leq R_m \leq 1\ 250\ \text{MPa}$ - Bars - $De \leq 100\ \text{mm}$ Série aérospatiale - Acier FE-PL75 - $1\ 100\ \text{MPa} \leq R_m \leq 1\ 250\ \text{MPa}$ - Barres - $De \leq 100\ \text{mm}$ Luft- und Raumfahrt - Stahl FE-PL75 - $1\ 100\ \text{MPa} \leq R_m \leq 1\ 250\ \text{MPa}$ - Stangen - $De \leq 100\ \text{mm}$

This European Standard was approved by CEN on 11 September 2017.

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EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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European foreword

This document (EN 2137:2017) 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of an identical text or by endorsement, at the latest by June 2018 and conflicting national standards shall be withdrawn at the latest by June 2018.

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 2137:2017 (E)**Introduction**

This European Standard 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 European Standard has been prepared in accordance with EN 4500-005.

1 Scope

This European Standard specifies the requirements relating to:

$$\begin{aligned} & \text{Steel FE-PL75} \\ & 1\ 100\ \text{MPa} \leq R_m \leq 1\ 250\ \text{MPa} \\ & \text{Bars} \\ & D_e \leq 100\ \text{mm} \end{aligned}$$

for aerospace applications.

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, *Round steel bars drawn and/or descaled — Dimensions — Tolerance h 11 — Aerospace series* ¹⁾
- 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* ¹⁾
- EN 2037, *Hexagonal steel bars — Drawn — Dimensions — Tolerances h 11 and h 12 — Aerospace series* ¹⁾
- 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* ¹⁾
- 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

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