
Aeronavtika - Jeklo X5CrNiCu17-4 (1.4542) - Taljeno - Topilno žarjeno in izločevalno utrjeno - Palice - a ali $D \leq 200$ mm - $R_m \geq 930$ MPa

Aerospace series - Steel X5CrNiCu17-4 (1.4542) - Air melted - Solution treated and precipitation treated - Bars - a or $D \leq 200$ mm - $R_m \geq 930$ MPa

Luft- und Raumfahrt - Stahl X5CrNiCu17-4 (1.4542) - Lufterschmolzen - Lösungsgeglüht und ausgehärtet - Stangen - a oder $D \leq 200$ mm - $R_m \geq 930$ MPa

Série aérospatiale - Acier X5CrNiCu17-4 (1.4542) - Élaboré à l'air - Mis en solution et précipité - Barres - a ou $D \leq 200$ mm - $R_m \geq 930$ MPa

Ta slovenski standard je istoveten z: EN 3161:2026

ICS:

49.025.10 Jekla

Steels

SIST EN 3161:2026

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EUROPEAN STANDARD

EN 3161

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 49.025.10

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English Version

**Aerospace series - Steel X5CrNiCu17-4 (1.4542) - Air
melted - Solution treated and precipitation treated - Bars -
a or $D \leq 200$ mm - $R_m \geq 930$ MPa**

Série aérospatiale - Acier X5CrNiCu17-4 (1.4542) -
Élaboré à l'air - Mis en solution et précipité - Barres - a
ou $D \leq 200$ mm - $R_m \geq 930$ MPa

Luft- und Raumfahrt - Stahl X5CrNiCu17-4 (1.4542) -
Lufterschmolzen - Lösungsgeglüht und
ausscheidungsgehärtet - Stangen - a oder $D \leq 200$ mm -
 $R_m \geq 930$ MPa

This European Standard was approved by CEN on 13 April 2026.

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European foreword

This document (EN 3161:2026) has been prepared by 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-STAN, 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of an identical text or by endorsement, at the latest by November 2026, and conflicting national standards shall be withdrawn at the latest by November 2026.

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.

This document supersedes EN 3161:2007.

EN 3161:2026 includes the following significant technical changes with respect to EN 3161:2007:

- update of the material designation;
- correction of the format of Table 1 to comply with the requirements of the EN 4500 series;
- update of Clause 2;
- addition of a bibliography;
- modification of Table 1, line 9, “ a or $D \leq 150$ ” with “ a or $D \leq 200$ ”.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this document: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.