



SLOVENSKI STANDARD
SIST EN 2821:2024

01-oktober-2024

Aeronavtika - Jeklo X5CrNiCu15 5 (1.4545) - Pretaljeno s talilno elektrodo - Žarjeno v topilu in utrjeno - Palice za obdelavo - a ali $D \leq 200$ mm - $R_m \geq 1310$ MPa

Aerospace series - Steel X5CrNiCu15 5 (1.4545) - Consumable electrode remelted - Solution treated and precipitation treated - Bars for machining - a or $D \leq 200$ mm - $R_m \geq 1310$ MPa

Luft- und Raumfahrt - Stahl X5CrNiCu15 5 (1.4545) - Mit selbstverzehrender Elektrode umgeschmolzen - Lösungsgeglüht und ausscheidungsgehärtet - Stangen zur spanenden Bearbeitung - a oder $D \leq 200$ mm - $R_m \geq 1310$ MPa

Série aérospatiale - Acier X5CrNiCu15 5 (1.4545) - Refondu à l'électrode consommable - Mis en solution et vieilli - Barres pour usinage - a ou $D \leq 200$ mm - $R_m \geq 1310$ MPa

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ICS:

49.025.10	Jekla	Steels
77.140.60	Jeklene palice in drogovi	Steel bars and rods

SIST EN 2821:2024

en,fr,de

EUROPEAN STANDARD

EN 2821

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2024

ICS 49.025.10

Supersedes EN 2821:2007

English Version

**Aerospace series - Steel X5CrNiCu15-5 (1.4545) -
Consumable electrode remelted - Solution treated and
precipitation treated - Bars for machining - a or D ≤ 200
mm - Rm ≥ 1 310 MPa**

Série aérospatiale - Acier X5CrNiCu15-5 (1.4545) -
Refondu à l'électrode consommable - Mis en solution et
précipité - Barres pour usinage - a ou D ≤ 200 mm - Rm
≥ 1 310 MPa

Luft- und Raumfahrt - Stahl X5CrNiCu15-5 (1.4545) -
Mit selbstverzehrender Elektrode umgeschmolzen -
Lösungsgeglüht und ausscheidungsgehärtet - Stangen
zur spanenden Bearbeitung - a oder D ≤ 200 mm - Rm
≥ 1 310 MPa

This European Standard was approved by CEN on 26 May 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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

EN 2821:2024 (E)

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European foreword

This document (EN 2821:2024) 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 February 2025, and conflicting national standards shall be withdrawn at the latest by February 2025.

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 2821:2007.

The main changes with respect to the previous edition are as follows:

- EN 2821 (P3), 03/2007 — Overall editorial improvements and correction of the French title.

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.

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EN 2821:2024 (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.

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