SLOVENSKI STANDARD
SIST EN 3523:2025

01-marec-2025

Aeronavtika - Jeklo 15CrMoV6 (1.7334) - Taljeno - Utrjeno in mehko žarjeno - Palice za obdelavo - De ≤ 100 mm - 1080 MPa ≤ Rm ≤ 1280 MPa

Aerospace series - Steel 15CrMoV6 (1.7334) - Air melted - Hardened and tempered - Bar for machining - De ≤ 100 mm - 1 080 MPa ≤ Rm ≤ 1 280 MPa

Luft- und Raumfahrt - Stahl 15CrMoV6 (1.7334) - Lufterschmolzen - Gehärtet und angelassen - Stange zur spanenden Bearbeitung - De ≤ 100 mm - 1 080 MPa ≤ Rm ≤ 1 280 MPa

Série aérospatiale - Acier 15CrMoV6 (1.7334) - Élaboré à l'air - Trempé et revenu - Barres pour usinage - De ≤ 100 mm - 1 080 MPa ≤ Rm ≤ 1 280 MPa

Ta slovenski standard je istoveten z: EN 3523:2024

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ICS:

49.025.10	Jekla	Steels

SIST EN 3523:2025	**en,fr,de**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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SIST EN 3523:2025

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3523

December 2024

ICS 49.025.10

Supersedes EN 3523:2007

English Version

Aerospace series - Steel 15CrMoV6 (1.7334) - Air melted - Hardened and tempered - Bars for machining - $D_e \leq 100$ mm - 1 080 MPa $\leq R_m \leq$ 1 280 MPa

Série aérospatiale - Acier 15CrMoV6 (1.7334) - Élaboré à l'air - Trempé et revenu - Barres pour usinage - $D_e \leq$ 100 mm - 1 080 MPa $\leq R_m \leq$ 1 280 MPa

Luft- und Raumfahrt - Stahl 15CrMoV6 (1.7334) - Lufterschmolzen - Gehärtet und angelassen - Stange zur spanenden Bearbeitung - $D_e \leq$ 100 mm - 1 080 MPa $\leq R_m \leq$ 1 280 MPa

This European Standard was approved by CEN on 18 November 2024.

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

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Ref. No. EN 3523:2024 E

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European foreword

This document (EN 3523:2024) 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 June 2025, and conflicting national standards shall be withdrawn at the latest by June 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 3523:2007.

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

— EN 3523 (P2), 03/2007:

- o correction of the title, scope and Table 1, line 4.1: use of the plural for the semi-product “bars for machining”;
- o correction of the format of Table 1 to comply with the requirements of the EN 4500 series;
- o use of “imperfections” rather than “defects” in Table 1, lines 44 and 61;
- o Table 1, line 6.1: addition of note a regarding the heat treatment.

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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.

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