

Aerospace series - Steel 15CrMoV6 (1.7334) - Forgings
- $D_e \leq 100 \text{ mm}$ - $1\,080 \text{ MPa} \leq R_m \leq 1\,250 \text{ MPa}$

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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ICS 49.025.10

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EUROPEAN STANDARD

EN 2252

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2024

ICS 49.025.10

Supersedes EN 2252:2012

English Version

**Aerospace series - Steel 15CrMoV6 (1.7334) - Forgings - D_e
 ≤ 100 mm - $1\ 080$ MPa $\leq R_m \leq 1\ 250$ MPa**

Série aérospatiale - Acier 15CrMoV6 (1.7334) - Pièces
forgées ou matricées - $D_e \leq 100$ mm - $1\ 080$ MPa $\leq R_m \leq$
 $1\ 250$ MPa

Luft- und Raumfahrt - Stahl 15CrMoV6 (1.7334) -
Gesenk- und Freiformschmiedestücke - Stangen - $D_e \leq$
 100 mm - $1\ 080$ MPa $\leq R_m \leq 1\ 250$ MPa

This European Standard was approved by CEN on 18 November 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

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European foreword

This document (EN 2252:2024) 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of an identical text or by endorsement, at the latest by June 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.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 2252:2012.

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

- EN 2252 (P1), 02/2012:
 - o correction of the title: removal of semi-product “bars”;
 - o correction of the format of Table 1 to comply with the requirements of the EN 4500 series;
 - o Table 1, line 6.1: addition of note a regarding the heat treatment cycle;
 - o addition of “KV” in Table 1, line 20;
 - o use of “imperfections” rather than “defects” in Table 1, lines 44 and 61;
 - o removal of line 51 in Table 1.

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.

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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1 Scope

This document specifies the requirements relating to:

Steel 15CrMoV6 (1.7334)

Forgings

$D_e \leq 100$ mm

$1\ 080\ \text{MPa} \leq R_m \leq 1\ 250\ \text{MPa}$

for aerospace applications.

W.nr: 1.7334.

ASD-STAN designation: FE-PL1505.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2951, *Aerospace series — Metallic materials — Micrographic determination of content of non-metallic inclusions*

EN 4700-005, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 005: Forging stock*

EN 4700-006, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 006: Pre-production and production forgings*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Requirements

The requirements of Table 1 shall be applied.

The documents listed in Table 1 shall be applied.