



BSI Standards Publication

**Aerospace series — Steel 15CrMoV6
(1.7334) — Air melted — Hardened and
tempered — Sheets and strips — $2 \text{ mm} \leq a$
 $\leq 6 \text{ mm}$ — $1\,080 \text{ MPa} \leq R_m \leq 1\,280 \text{ MPa}$**

National foreword

This British Standard is the UK implementation of EN 3524:2023. It supersedes BS EN 3524:2007, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ACE/61, Metallic materials for aerospace purposes.

A list of organizations represented on this committee can be obtained on request to its committee manager.

Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2024
Published by BSI Standards Limited 2024

ISBN 978 0 539 123 9 8

ICS 49.025.70

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2024.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

EUROPEAN STANDARD

EN 3524

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2023

ICS 49.025.10

Supersedes EN 3524:2007

English Version

**Aerospace series - Steel 15CrMoV6 (1.7334) - Air melted -
Hardened and tempered - Sheets and strips - $2 \text{ mm} \leq a \leq 6$
mm - $1\,080 \text{ MPa} \leq R_m \leq 1\,280 \text{ MPa}$**

Série aérospatiale - Acier 15CrMoV6 (1.7334) - Élaboré
à l'air - Trempé et revenu - Tôles et bandes - $2 \text{ mm} \leq a$
 $\leq 6 \text{ mm}$ - $1\,080 \text{ MPa} \leq R_m \leq 1\,280 \text{ MPa}$

Luft- und Raumfahrt - Stahl 15CrMoV6 (1.7334) -
Lufterschmolzen - Gehärtet und angelassen - Blech und
Bänder - $2 \text{ mm} \leq a \leq 6 \text{ mm}$ - $1\,080 \text{ MPa} \leq R_m \leq 1\,280$
MPa

This European Standard was approved by CEN on 13 October 2023.

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.

CEN members are the national standards bodies of 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 United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Requirements	5
Annex A (informative) Standard evolution form		9
Bibliography		10

Currently in preview, click buy full version

European foreword

This document (EN 3524:2023) 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 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 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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 3524:2007.

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

- prEN 3524 (P3), 09/2019 — Editorial improvements: correction of titles DE and FR. Correction of Table 1, line 44 as the term in use is imperfections rather than defects and addition of the mention "visual testing – VT". Addition of Annex A standard evolution form listing changes with respect to all previous editions of this document.

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.

Currently in preview, click buy full version

1 Scope

This document specifies the requirements relating to:

Steel 15CrMoV6 (1.7334)
Air melted
Hardened and tempered
Sheets and strips
 $2 \text{ mm} \leq a \leq 6 \text{ mm}$
 $1\ 080 \text{ MPa} \leq R_m \leq 1\ 280 \text{ MPa}$

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 2043, *Aerospace series — Metallic materials — General requirements for semi-finished product qualification (excluding forgings and castings)*

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

EN 4700-001, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 001: Plate, sheet and strip*

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological 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

See Table 1.