

<b>STN</b>	<b>Letectvo a kozmonautika Kovové materiály Pravidlá na navrhovanie a vypracovanie materiálových noriem Časť 002: Špecifické pravidlá na hliník, zliatiny hliníka a zliatiny horčíka</b>	<b>STN EN 4500-002</b>  31 2004
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Aerospace series - Metallic materials - Rules for drafting and presentation of material standards - Part 002: Specific rules for aluminium, aluminium alloys and magnesium alloys

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/24

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EUROPEAN STANDARD

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English Version

**Aerospace series - Metallic materials - Rules for drafting  
and presentation of material standards - Part 002: Specific  
rules for aluminium, aluminium alloys and magnesium  
alloys**

Série aérospatiale - Matériaux métalliques - Règles  
pour la rédaction et la présentation des normes de  
matériaux - Partie 002 : Règles spécifiques à  
l'aluminium, aux alliages d'aluminium et aux alliages  
de magnésium

Luft- und Raumfahrt - Metallische Werkstoffe - Regeln  
für das Erstellen und die Gestaltung von  
Werkstoffnormen - Teil 002: Besondere Regeln für  
Aluminium, Aluminiumlegierungen und  
Magnesiumlegierungen

This European Standard was approved by CEN on 17 June 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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**EN 4500-002:2024(E)****European foreword**

This document (EN 4500-002:2024) 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 XP prEN 4500-2:1997, which was published by ASD-STAN.

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

XP prEN 4500-2, 02/1997 — Editorial improvements and update of the scope to change “single mode fibre core” to “simplex fibre”.

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.

The EN 4500 series (*Aerospace series — Metallic materials — Rules for drafting and presentation of material standards*) is composed by the following documents:

- General rules EN 4500-001;
- Specific rules for aluminium, aluminium alloys and magnesium alloys EN 4500-002;
- Specific rules for heat-resisting alloys EN 4500-003;
- Specific rules for titanium and titanium alloys EN 4500-004;
- Specific rules for steels EN 4500-005;
- Specific rules for filler metals for welding EN 4500-002 to EN 4500-005;
- Specific rules for filler metals for brazing EN 4500-006.

**EN 4500-002:2024(E)****1 Scope**

The EN 4500 series specifies the rules for the drafting and presentation of metallic material standards for aerospace applications.

This Part 002 specifies the “Specific rules for aluminium, aluminium alloys and magnesium alloys”.

**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 515, *Aluminium and aluminium alloys — Wrought products — Temper designations*

EN 4259, *Aerospace series — Metallic materials — Definition of general terms*

EN 1753, *Magnesium and magnesium alloys — Magnesium alloy ingots and castings*

EN 4500-001, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 001: General rules*

ASTM B275,<sup>1</sup> *Standard Practice for Codification of Certain Zinc, Tin and Lead Die Castings*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**

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<sup>1</sup> Published by American Society for Testing and Materials (ASTM International), available at: <https://www.astm.org/>