



NSAI
Standards

Irish Standard
I.S. EN 6025:2021&LC:2021

Aerospace series - Plates - Aluminium
alloy 2024 - Close tolerances flatness -
Thickness - $6 \text{ mm} < a \leq 55 \text{ mm}$ -
Dimensions

I.S. EN 6025:2021&LC:2021

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National Foreword

I.S. EN 6025:2021&LC:2021 is the adopted Irish version of the European Document EN 6025:2021, Aerospace series - Plates - Aluminium alloy 2024 - Close tolerances flatness - Thickness - 6 mm < a ≤ 55 mm - Dimensions

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Correction Notice

Reference: EN 6025:2021

Title: Aerospace series - Plates - Aluminium alloy 2024 - Close tolerances flatness - Thickness - $6 \text{ mm} < a \leq 55 \text{ mm}$ - Dimensions

Work Item: 04001871

Brussels, 2021-04-07

Please include the following minor editorial correction(s) in the document related to:

the following language version(s) :

- English
- French
- German

for the following procedure :

- PQ/UQ
- Enquiry
- 2nd Enquiry
- Parallel Enquiry
- 2nd Parallel Enquiry
- Formal Vote
- 2nd Formal Vote
- Parallel Formal Vote
- 2nd Parallel Formal Vote
- UAP
- TC Approval
- 2nd TC Approval
- Publication
- Parallel Publication

It has been brought to our attention that this document, issued on 2021-03-10, requires modification.

Incorrect symbol in title, replaced $6 \text{ mm} \leq a \leq 55 \text{ mm}$ with $6 \text{ mm} < a \leq 55 \text{ mm}$

Please find enclosed the updated English and French version.

We apologise for any inconvenience this may cause.

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EUROPEAN STANDARD

EN 6025

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2021

ICS 49.025.20

English Version

**Aerospace series - Plates - Aluminium alloy 2024 - Close
tolerances flatness - Thickness - $6 \text{ mm} < a \leq 55 \text{ mm}$ -
Dimensions**

Série aérospatiale - Plaques - Alliage d'aluminium 2024
- Tolérances serrées de planéité - Épaisseur - $6 \text{ mm} < a$
 $\leq 55 \text{ mm}$ - Dimensions

Luft- und Raumfahrt - Platten - Aluminiumlegierung
2024 - Enge Ebenheitstoleranzen - Dicken - $6 \text{ mm} < a \leq$
 55 mm - Maße

This European Standard was approved by CEN on 17 February 2020.

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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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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 6025:2021) 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, 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 September 2021, and conflicting national standards shall be withdrawn at the latest by September 2021.

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.

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, Turkey and the United Kingdom.

EN 6025:2021 (E)**1 Scope**

This document specifies the dimensions and tolerances of plates in aluminium alloy 2024 with close-tolerance flatness, thickness $6 \text{ mm} < a \leq 55 \text{ mm}$, for aerospace applications.

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 3848, *Aerospace series — Semi-finished metallic products — Methods of measuring form deviations*

EN 6000, *Aerospace series — Aluminium alloy AL-P2024- T351 — Plate — $6 \text{ mm} < a \leq 55 \text{ mm}$ — Close-tolerance flatness*¹⁾

EN 6071, *Aerospace series — Aluminium and aluminium alloy wrought products — Technical specification — Plate*¹⁾

3 Terms and definitions

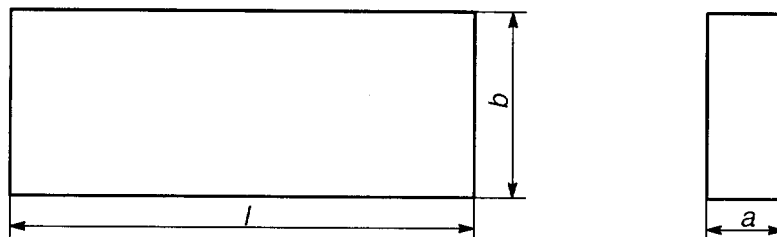
No terms and definitions are provided in this document.

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 Form

See Figure 1.

**Key**

<i>a</i>	Thickness
<i>b</i>	Width
<i>l</i>	Length

Figure 1 — Dimensions of a plate

¹⁾ Published as ASD-STAN Standard at the date of publication of this document by AeroSpace and Defence industries Association of Europe - Standardization (ASD-STAN), <http://www.asd-stan.org/>

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