



NSAI
Standards

Irish Standard
I.S. EN 2320:2019

Aerospace series - Aluminium alloy 2024-
T4 - Drawn bar - $a \leq 75$ mm

I.S. EN 2320:2019

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 2320:2019 is the adopted Irish version of the European Document EN 2320:2019, Aerospace series - Aluminium alloy 2024-T4 - Drawn bar - $a \leq 75$ mm

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EUROPEAN STANDARD

EN 2320

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2019

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English Version

Aerospace series - Aluminium alloy 2024-T4 - Drawn bar - $a \leq 75$ mm

Série aérospatiale - Alliage d'aluminium 2024-T4 -
Barres étirées - $a \leq 75$ mm

Luft- und Raumfahrt - Aluminiumlegierung 2024-T4 -
Gezogene Stangen - $a \leq 75$ mm

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European foreword

This document (EN 2320:2019) 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 Standard 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 European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2019, and conflicting national standards shall be withdrawn at the latest by September 2019.

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EN 2320:2019 (E)

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 4500-003.

1 Scope

This document specifies the requirements relating to:

Aluminium alloy 2024-T4
Drawn bars
 $a \leq 75$ 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 2004-1, *Aerospace series — Test methods for aluminium and aluminium alloy products — Part 1: Determination of electrical conductivity of wrought aluminium alloy products*

EN 2044, *Aerospace series — Round bars, drawn in aluminium and aluminium alloys — Tolerance class h11 — Diameter $4 \text{ mm} \leq D \leq 63 \text{ mm}$ — Dimensions*

EN 2045, *Aerospace series — Square bars, drawn in aluminium and aluminium alloys — Tolerance class h11 — Thickness $6 \text{ mm} \leq a \leq 50 \text{ mm}$ — Dimensions*

EN 2046, *Aerospace series — Hexagonal bars, drawn in aluminium and aluminium alloys — Tolerance class h11 — Width across flats $7 \text{ mm} \leq a \leq 50 \text{ mm}$ — Dimensions*

EN 2070-1, *Aerospace series — Aluminium and aluminium alloy wrought products — Technical specification — Part 1: General requirements*

EN 2070-3, *Aerospace series — Aluminium and aluminium alloy wrought products — Technical specification — Part 3: Bar and section*

EN 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use*

EN 4500-003, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 003: Specific rules for heat resisting alloys*

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:

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

4 Requirements

See Table 1.

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