



NSAI
Standards

Irish Standard
I.S. EN 2390:2019

Aerospace series - Aluminium alloy 6082-T6 - Tubes for structures $0,6 \text{ mm} \leq a \leq 12,5 \text{ mm}$

I.S. EN 2390:2019

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National Foreword

I.S. EN 2390:2019 is the adopted Irish version of the European Document EN 2390:2019, Aerospace series - Aluminium alloy 6082-T6 - Tubes for structures $0,6 \text{ mm} \leq a \leq 12,5 \text{ mm}$

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EUROPEAN STANDARD

EN 2390

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2019

ICS

English Version

Aerospace series - Aluminium alloy 6082-T6 - Tubes for structures $0,6 \text{ mm} \leq a \leq 12,5 \text{ mm}$

Série aérospatiale - Alliage d'aluminium 6082-T6 -
Tubes pour structures $0,6 \text{ mm} \leq a \leq 12,5 \text{ mm}$

Luft- und Raumfahrt - Aluminium legierung 6082-T6 -
Konstruktionsrohre $0,6 \text{ mm} \leq a \leq 12,5 \text{ mm}$

This European Standard was approved by CEN on 14 July 2019.

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

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European foreword

This document (EN 2390:2019) 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of an identical text or by endorsement, at the latest by March 2020, and conflicting national standards shall be withdrawn at the latest by March 2020.

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EN 2390:2019 (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 4500-2.

1 Scope

This document specifies the requirements relating to:

Aluminium alloy 6082-
T6
Tubes for structures
 $0,6 \text{ mm} \leq a \leq 12,5 \text{ mm}$

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 2002-10, *Aerospace series — Metallic materials — Test methods — Part 10: Tube flattening test* ¹⁾

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

EN 2070-4, *Aerospace series — Aluminium and aluminium alloy wrought products — Technical specification — Part 4: Tube for structures*

EN 2257, *Aerospace series — Circular tubes for structures in aluminium and aluminium alloys — Diameter $6 \text{ mm} \leq D \leq 100 \text{ mm}$ — Thickness $1 \text{ mm} \leq a \leq 6 \text{ mm}$ — Dimensions*

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

4 Requirements

See Table 1.

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

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