

<b>STN</b>	<b>Letectvo a kozmonautika</b> <b>Zliatina hliníka 6082-T6</b> <b>Rúry na konštrukcie 0,6 mm <math>\leq</math> a <math>\leq</math> 12,5 mm</b>	<b>STN</b> <b>EN 2390</b>  31 2338
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Aerospace series - Aluminium alloy 6082-T6 - Tubes for structures 0,6 mm a 12,5 mm

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. 03/20

Obsahuje: EN 2390:2019

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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.

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

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**EN 2390:2019 (E)**

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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.

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 organisations of the following countries are bound to implement this European Standard: 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 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* <sup>1)</sup>

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*

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

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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/>