ICS 49.025.20 SLOVENSKÁ TECHNICKÁ NORMA Január 2019

STN	**Letectvo a kozmonautika Zliatina hliníka 2014A-T6 Rúry na konštrukcie 0,6 mm <= a <= 12,5 mm**	**STN EN 2387** 31 2401

Aerospace series - Aluminium alloy 2014A- - 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. 12/18

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2387

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English Version

Aerospace series - Aluminium alloy 2014A- - T6 - Tubes for structures - 0,6 mm ≤ a ≤ 12,5 mm

Série aérospatiale - Alliage d'aluminium 2014A- - T6 - Tubes pour structures - 0,6 mm ≤ a ≤ 12,5 mm

Luft- und Raumfahrt - Aluminiumlegierung 2014A- - T6 - Konstruktionsrohre - 0,6 mm ≤ a ≤ 12,5 mm

This European Standard was approved by CEN on 13 May 2018.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 2387:2018) 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of an identical text or by endorsement, at the latest by January 2019, and conflicting national standards shall be withdrawn at the latest by January 2019.

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.

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Introduction

This European Standard 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 European Standard has been prepared in accordance with EN 4500-2.

1 Scope

This European Standard specifies the requirements relating to:

Aluminium alloy 2014A-
T6
Tubes for structures
0,6 mm ≤ *a* ≤ 12,5 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 2004-6, *Aerospace series — Test methods for aluminium and aluminium alloy products — Part 6: Residual stress testing in aluminium alloys tubes* [2)]

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 mm ≤ D ≤ 100 mm — Thickness 1 mm ≤ a ≤ 6 mm — Dimensions*

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

EN 4500-2, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 2: Specific rules for aluminium, aluminium alloys and magnesium alloys* [1)]

1) Published as ASD-STAN Prestandard at the date of publication of this standard by AeroSpace and Defence industries Association of Europe - Standardization (ASD-STAN) (www.asd-stan.org)

2) In preparation at the date of publication of this standard.