



SLOVENSKI STANDARD SIST EN 3717:2008

01-julij-2008

Aeronavtika - Cevi - Izbira cevi za fluidne sisteme pri motorjih

Aerospace series - Tubes - Selection for engines fluid systems

Luft- und Raumfahrt - Rohre für Fluid-Systeme an Triebwerken - Auswahl

Série aérospatiale - Tubes - Sélection pour circuits de fluide pour application moteurs

Ta slovenski standard je istoveten z: EN 3717:2008

[SIST EN 3717:2008](https://standards.iteh.ai/catalog/standards/sist/024dc9b9-a492-4d60-a3ad-cce4d0872628/sist-en-3717-2008)

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ICS:

49.080 Štejni sistemi za letalstvo in zrakoplovstvo
Aerospace fluid systems and components

SIST EN 3717:2008

en

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ICS 49.080

English Version

Aerospace series - Tubes - Selection for engines fluid systems

Série aérospatiale - Tubes - Sélection pour circuits de
fluide pour application moteurs

Luft- und Raumfahrt - Rohre für Fluid-Systeme an
Triebwerken - Auswahl

This European Standard was approved by CEN on 21 December 2007.

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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 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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 3717:2008) 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of an identical text or by endorsement, at the latest by October 2008, and conflicting national standards shall be withdrawn at the latest by October 2008.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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1 Scope

The present standard gives a selection of external diameters and thicknesses of tubes according to ISO 2964.

These tubes shall be used for conveying fluids such as kerosene, oil, air, etc. for engine application.

2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 2964, *Aerospace — Tubing — Outside diameters and thicknesses — Metric dimensions.*

3 Dimensions

Dimensions are in millimetres.

Diameter-thickness combinations of tubes shall be chosen from Table 1.

Table 1
Mass^a
(kg/m)

Outside diameter	Thicknesses					
	Stainless steel			Titanium alloy		
	0,6	0,8	1	0,6	0,8	1
4	0,050	0,063	0,074	0,029	0,036	0,042
6	0,080	0,103	0,123	0,046	0,059	0,071
8	0,109	0,142	0,173	0,062	0,081	0,099
10	0,139	0,182	0,222	0,080	0,104	0,127
12	0,169	0,221	0,271	0,097	0,127	0,155
14	0,198	0,260	0,321	0,114	0,149	0,184
16	0,228	0,300	0,370	0,131	0,172	0,212
18	0,257	0,339	0,419	0,147	0,194	0,240
20	0,287	0,379	0,469	0,165	0,217	0,269
25	—	0,477	0,592	—	0,273	0,339
32		0,615	0,765		0,353	0,439
40		0,773	0,962		0,443	0,551
45		0,872	1,085		0,500	0,622
50		0,970	1,208		0,556	0,692

^a The masses are given only for information. They are calculated on the basis of a density of 7,85 kg/dm³ for stainless steel and 4,5 kg/dm³ for titanium alloys.