



SLOVENSKI STANDARD SIST EN 3635:2015

01-januar-2015

Nadomešča:
SIST EN 3635:2008

Aeronavtika - Varjeni zaključek priključne cevi - Geometrijski načrt

Aerospace series - Weld lip - Geometrical configuration

Luft- und Raumfahrt - Rohranschlussende geschweißt - Masse

Série aéronautique - Embout à souder - Configuration géométrique
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Ta slovenski standard je istoveten z: EN 3635:2014

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ICS:

49.080

Letalski in vesoljski
hidravlični sistemi in deli

Aerospace fluid systems and
components

SIST EN 3635:2015

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3635

October 2014

ICS 49.080

Supersedes EN 3635:2008

English Version

Aerospace series - Weld lip - Geometrical configuration

Série aérospatiale - Embout à souder - Configuration
géométrique

Luft- und Raumfahrt - Rohranschlussende geschweißt -
Masse

This European Standard was approved by CEN on 4 January 2014.

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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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 3635:2014) 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 document supersedes EN 3635:2008.

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 April 2015, and conflicting national standards shall be withdrawn at the latest by April 2015.

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According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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1 Scope

The purpose of this European Standard is to specify the dimensions and tolerances for orbital-welding fittings, intended for stainless steel fluid pipes to EN 3717.

2 Normative references

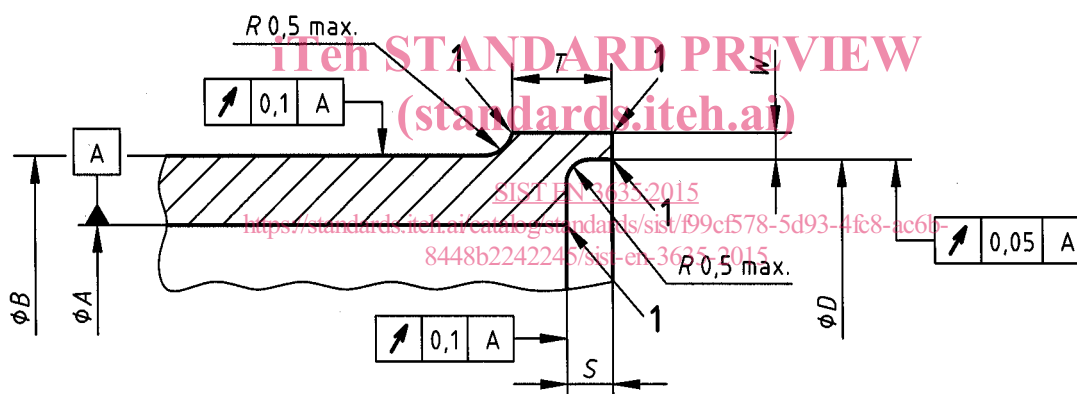
The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 3717, *Aerospace series — Tubes — Selection for engines fluid systems*

3 Fitting dimensions

See Figure 1 and Table 1.

1,6 /



Key

1 Break edges 0,1 max.

Figure 1

Table 1 — Dimensions

Dimensions in millimetres

Diameter code	Tube outside diameter h12	(e) ^a	Ø A + 0,1 0	Ø B 0 − 0,1	Ø D + 0,1 0	S + 0,1 0	T 0 − 0,1	W 0 − 0,1
060	6	0,6 0,8 1	4,7 4,3 3,9	6	6	0,4	1	0,4
080	8	0,6 0,8 1	6,7 6,3 5,9	8	8	0,6	1,4	
100	10	0,6 0,8 1	8,7 8,3 7,9	10	10			
120	12	0,6 0,8 1	10,7 10,3 9,9	12	12			
140	14	0,6 0,8 1	12,7 12,3 11,9	14	14			
160	16	0,6 0,8 1	14,7 14,3 13,9	16	16			
180	18	0,6 0,8 1	16,7 16,3 15,9	18	18			
200	20	0,6 0,8 1	18,7 18,3 17,9	20	20			
220	22	0,6 0,8 1	20,7 20,3 19,9	22	22			
250	25	0,6 0,8 1	23,7 23,3 22,9	25	25			
280	28	0,6 0,8 1	26,7 26,3 25,9	28	28			
320	32	0,6 0,8 1	30,7 30,3 29,9	32	32			

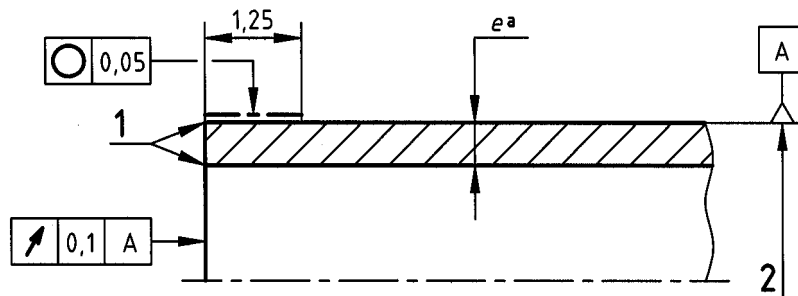
^a Nominal wall thickness of the tube.

^a Nominal wall thickness of the tube.

EN 3635:2014 (E)

4 Tube end geometry

See Figure 2 and Table 2.



Key

- 1 Break edges 0,15 max.
- 2 Ø tube
- ^a Nominal wall thickness of the tube

Figure 2

Table 2

Diameter code	e
060	0,6
080	0,8
100	1

5 Designation

EXAMPLE

Description block

Welded fitting

Identity block

EN3635-060-080

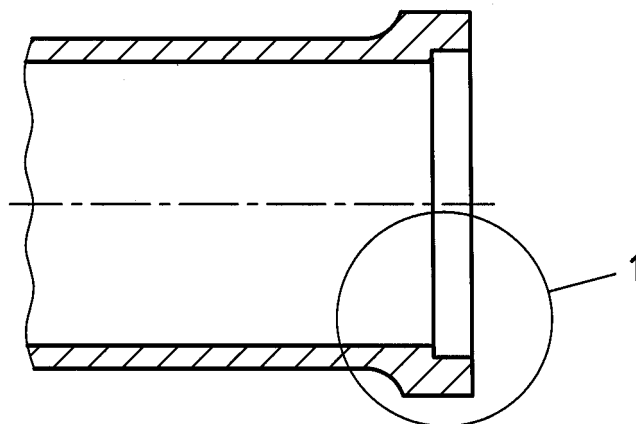
Number of EN standard

Diameter code (see Table 1)

Thickness code (see Table 2)

6 Indications on drawings

EXAMPLE See Figure 3.



Key

1 Welded fitting EN 3635-160-080

Figure 3

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