



SLOVENSKI STANDARD
SIST EN 3911:2014

01-marec-2014

Aeronavtika - Šestzoba vdolbina, notranji pogon - Geometrijske definicije

Aerospace series - Six lobe recess - Geometrical definition

Luft- und Raumfahrt - Verbindungselemente, Innenantrieb - Sechs-Bogenzahn

Série aérospatiale - Empreinte six lobes - Définition géométrique

Ta slovenski standard je istoveten z: EN 3911:2010

[SIST EN 3911:2014](https://standards.iteh.ai/catalog/standards/sist/2484b3ac-0dbc-4c8d-9d84-dea219f64301/sist-en-3911-2014)

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ICS:

49.030.01 Vezni elementi na splošno Fasteners in general

SIST EN 3911:2014

en

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ICS 49.030.01

English Version

Aerospace series - Six lobe recess - Geometrical definition

Série aérospatiale - Empreinte six lobes - Définition
géométriqueLuft- und Raumfahrt - Sechs-Bogenzahn, Innenantrieb -
Definition der Geometrie

This European Standard was approved by CEN on 16 April 2010.

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.

CEN members are the national standards bodies of 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

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Foreword

This document (EN 3911:2010) 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 April 2011, and conflicting national standards shall be withdrawn at the latest by April 2011.

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.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This European Standard specifies the dimensions and tolerances of a six lobe recess.

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.

EN 3905, *Aerospace series — Six lobe recesses for bolts — Technical specification*

NAS 1800:1990, *Recess, six lobe drive — Internal — Dimensions for recess and gages*¹⁾

3 Required characteristics

3.1 Configuration – Dimensions – Tolerances

Configuration shall be in accordance with Figure 1.

Dimensions and tolerances shall conform with Figure 1 and Table 1 and are expressed in millimetres.

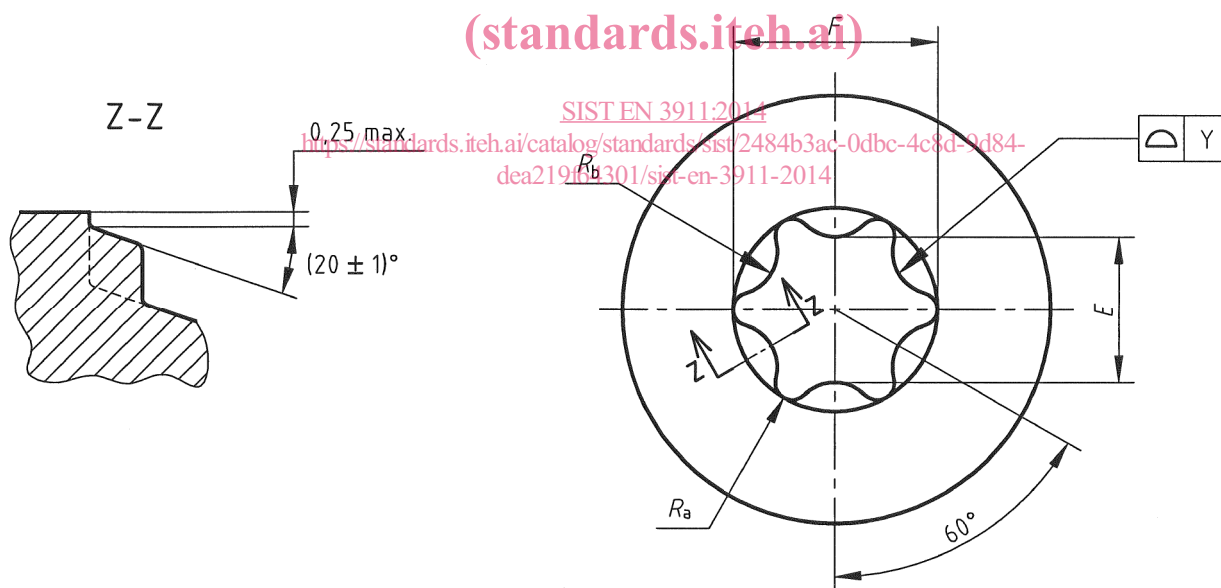


Figure 1

1) Published by: National Standards Association, Inc., 1200 Quince Orchard Blvd, Gaithersburg, MD 20878, United States.

Table 1

Recess code	E	F	R_a	R_b	Y
06	1,27	1,75	0,16	0,36	0,025
07 ^a	1,50	2,07	0,18	0,42	
08	1,73	2,40	0,22	0,49	
09	1,86	2,58	0,23	0,53	
10 ^a	2,03	2,82	0,25	0,57	
15	2,41	3,35	0,30	0,69	
20 ^a	2,83	3,94	0,33	0,83	
25	3,24	4,52	0,40	0,89	0,035
27	3,63	5,08	0,42	1,08	
30 ^a	4,03	5,61	0,48	1,16	
40 ^a	4,84	6,76	0,58	1,40	0,050
45	5,64	7,92	0,61	1,76	
50 ^a	6,45	8,94	0,81	1,78	
55 ^a	8,03	11,34	0,96	2,62	0,060
60 ^a	9,61	13,42	1,12	2,83	

^a These dimensions are derived from NAS 1800.

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4 Designation

EXAMPLE

Description block

RECESS

Identity block

EN3911-40

Number of this standard _____

Recess code (see Table 1) _____

5 Technical specification

EN 3905