



SLOVENSKI STANDARD

SIST EN 3267:2004

01-maj-2004

Aerospace series - Washers, bulkhead, in titanium alloy

Aerospace series - Washers, bulkhead, in titanium alloy

Luft- und Raumfahrt - Scheiben aus Titanlegierung für Schottanschluss

Série aérospatiale - Rondelles pour traversée de cloison, en alliage de titane

Ta slovenski standard je istoveten z: EN 3267:2001

[SIST EN 3267:2004](https://standards.iteh.ai/catalog/standards/sist/20edb2b4-879b-486c-a47a-a7688f4f0fba/sist-en-3267-2004)

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ICS:

49.030.50	Podložke in drugi blokirni elementi	Washers and other locking elements
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SIST EN 3267:2004

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3267

October 2001

ICS 49.030.50

English version

Aerospace series - Washers, bulkhead in titanium alloy

Série aérospatiale - Rondelles pour traversée de cloison en alliage de titane

Luft- und Raumfahrt - Scheiben aus Titanlegierung für Schottanschluß

This European Standard was approved by CEN on 6 January 2001.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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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

Foreword

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries 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 AECMA, 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 2002, and conflicting national standards shall be withdrawn at the latest by April 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This standard specifies the characteristics for washers, bulkhead, in titanium alloy, for aerospace applications.

2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 2000	Aerospace series – Quality assurance – EN aerospace products – Approval of the quality system of manufacturers
EN 2424	Aerospace series – Marking of aerospace products
EN 2808	Aerospace series – Anodizing of titanium and titanium alloys
EN 3311	Aerospace series – Titanium alloy TI-P64001 – Annealed – Bar for machining – $D \leq 150$ mm ¹⁾
EN 3314	Aerospace series – Titanium alloy TI-P64001 – Solution treated and aged – Bar for machining – $D \leq 75$ mm ¹⁾
EN 3456	Aerospace series – Titanium alloy TI-P64001 – Annealed – Sheet and strip, hot rolled – $a \leq 6$ mm ¹⁾

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1) Published as AECMA Prestandard at the date of publication of this standard

3 Required characteristics

3.1 Configuration – Dimensions – Mass

According to figure 1 and table 1. The dimensions apply after anodizing.

3.2 Surface roughness

According to figure 1. Values apply before anodizing.

3.3 Material

According to EN 3311 or EN 3314 or EN 3456

3.4 Surface treatment

According to EN 2808

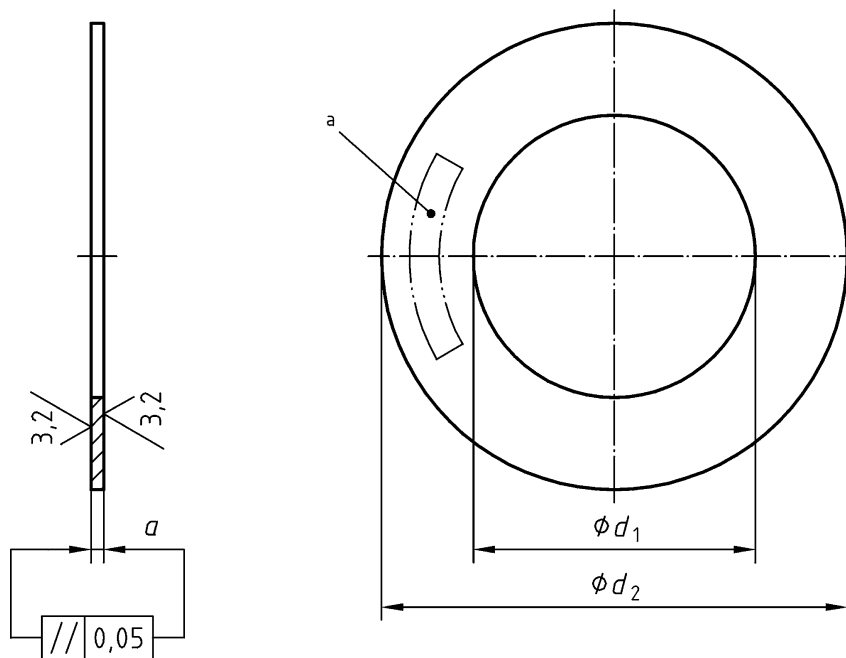
Dimensions in millimetres

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^a Area for marking

Figure 1

Table 1

Dimensions in millimetres

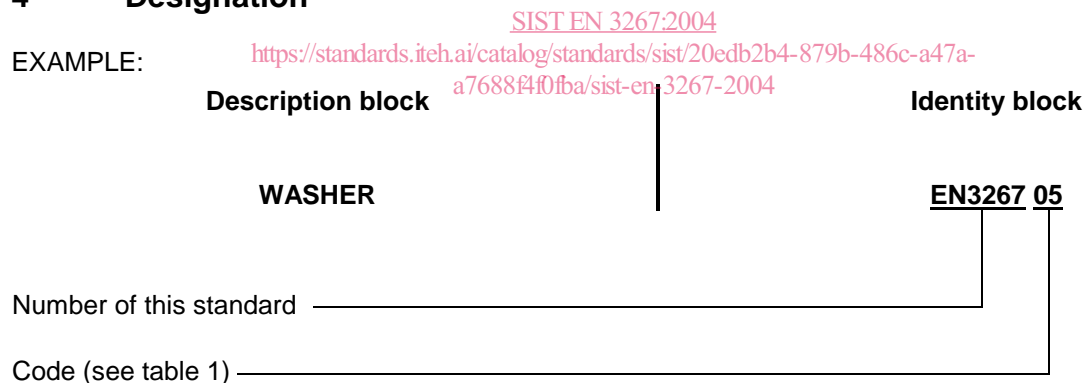
Code ^a	a^b	d_1 $\pm 0,25$	d_2 $\begin{matrix} 0 \\ -0,5 \end{matrix}$	Mass g/piece max.
05	1,0	10,5	18	0,76
06	1,0	12,5	21	1,02
08	1,0	14,5	24	1,30
10	1,0	16,5	28	1,83
12	1,5	18,5	32	3,65
14	1,5	20,5	35	4,30
16	1,5	22,5	38	5,02
18	1,5	24,5	42	6,22
20	1,5	27,5	45	6,78
22	1,5	30,5	50	8,40
25	1,5	33,5	55	10,18
28	1,5	36,5	58	10,87
32	1,5	39,5	63	12,88

^a Corresponds to the pipe nominal outside diameter

^b Tolerances for washers from
 – sheet: according to dimensional standards
 – bar: $\pm 0,1$

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4 Designation



NOTE: If necessary, the code I9005 shall be placed between the description block and the identity block.

5 Marking

According to EN 2424, style A and figure 1

6 Quality assurance

According to EN 2000