



SLOVENSKI STANDARD

SIST EN 2328:2001

01-januar-2001

Aerospace series - Washers, tab for flight control rods - Dimensions

Aerospace series - Washers, tab for flight control rods - Dimensions

Luft- und Raumfahrt - Sicherungsbleche für Bediengestänge von Flugsteuerungen - Maße

Série aérospatiale - Freins d'écrous pour bielles de commandes de vol - Dimensions

STANDARD PREVIEW
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Ta slovenski standard je istoveten z: **EN 2328:1988**

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ICS:

49.030.50	Podložke in drugi blokirni elementi	Washers and other locking elements
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EUROPEAN STANDARD
 NORME EUROPÉENNE
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Key words : Aircraft industry, flight control, rod-ends, lock washer, unalloyed carbon, cadmium, dimensions.

English version

**Aerospace series
 Washers, tab
 for flight control rods
 Dimensions**

**Série aéronautique
 Freins d'écrous
 pour bielles de commandes de vol
 Dimensions**

**Luft- und Raumfahrt
 Sicherungsbleche
 für Bediengestänge von Flugsteuerungen
 Maße**

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CEN

European Committee for Standardization
 Comité Européen de Normalisation
 Europäisches Komitee für Normung

Central Secretariat : Rue Bréderode 2, B—1000 Bruxelles

Brief history

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

After enquiries and votes carried out in accordance with the rules of this Association, this draft has successively received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to C.E.N.

According to the Common CEN/CENELEC Rules, following countries are bound to implement this European Standard: EN 2328:2001

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1 Scope and field of application

This standard specifies the characteristics of tab washers for flight control rod.

These tab washers are intended to immobilise the end fitting in relation to the rod body, whilst allowing a positional adjustment of 1/2 a turn.

2 References

ISO 3574-1976, Cold-reduced carbon steel sheet of commercial and drawing qualities

EN 2133, Cadmium plating of steels with a maximum specified tensile strength equal to or less than 1450 MPa, and copper and copper alloys - Aerospace series

3 Required characteristics

3.1 Dimensions - Tolerances - Mass

Configuration shall correspond with figure 1.

The dimensions, tolerances and masses shall conform with values quoted in table 1.

Dimensions apply after cadmium plating.

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3.2 Surface roughness

$R_a = 3,2 \mu\text{m}$; this value applies prior to cadmium plating.

3.3 Material

Carbon steel CR2 : ISO 3574, $R_m \leq 370$ MPa.

3.4 Surface treatment

Cadmium plating : EN 2133, 10 to 20 μm .

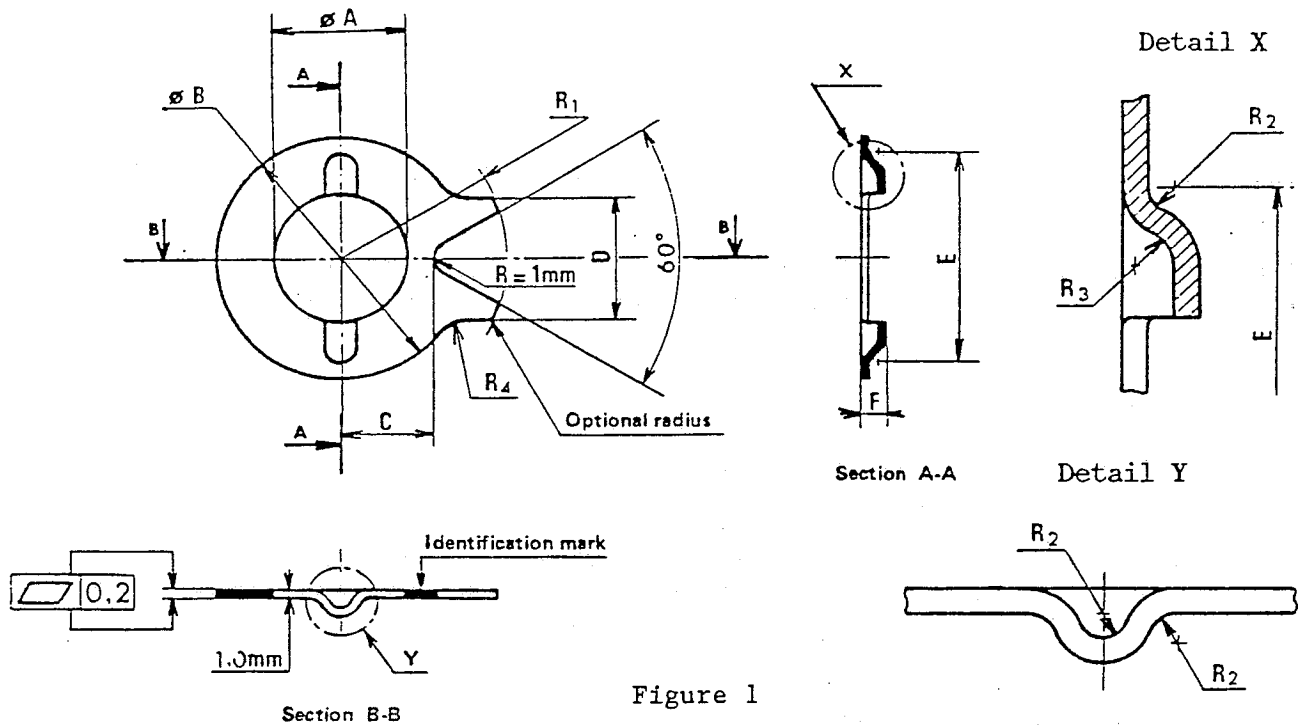


Figure 1

Table 1 Dimensions in millimetres

Diameter code	A +0,1 0	B +0,5 0	C	D	E	F	R ₁	R ₂	R ₃	R ₄	Mass g
08	8,2	16	6	8	14	1,8	10,5	0,6	1,0	1,5	1,0
10	10,2	18	8	10	16	2,5	13	0,8	1,2	1,5	1,6
12	12,2	21	9	11	19	2,5	16	0,8	1,2	3	2,0
14	14,2	24	10	12	21	2,5	17	0,8	1,2	3	2,4
16	16,2	26	11	12	24	2,5	19	0,8	1,2	4	2,7

4 Designation

Each tab washer shall only be designated as in the following example :

Description block
WASHER TAB

Identity block
EN2328-08

Number of EN Standard

08 = Diameter code (see table 1)

Note : If necessary, the originator code S9005 may be introduced between the description block and the identity block.

5 Marking

In addition to the manufacturer's mark or symbol, each lock washer element shall be marked by using the identity block shown in clause 4 of this standard.

These markings shall be indelible and shall not impair the characteristics of the lock washer.