



# SLOVENSKI STANDARD

## SIST EN 2949:2001

01-januar-2001

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**Aerospace series - Washers, wire locking, in corrosion resisting steel, passivated**

Aerospace series - Washers, wire locking, in corrosion resisting steel, passivated

Luft- und Raumfahrt - Sicherungsbleche, aus korrosionsbeständigem Stahl, passiviert

Série aérospatiale - Pattes d'ancrage, en acier résistant à la corrosion, passivées

**Ta slovenski standard je istoveten z: EN 2949:1996**

[SIST EN 2949:2001](https://standards.iteh.ai/catalog/standards/sist/51d8df53-0f76-4001-9e44-4174f418bcd0/sist-en-2949-2001)

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**ICS:**

49.030.50	Podložke in drugi blokirni elementi	Washers and other locking elements
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**SIST EN 2949:2001**

**en**

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EUROPEAN STANDARD

EN 2949

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 1996

ICS 49.040.20

Descriptors: aircraft industry, attaching lug, anchorage, corrosion resistant steel, specification, dimension, dimensional tolerance, designation

English version

**Aerospace series - Washers, wire locking, in  
corrosion resisting steel, passivated**

Série aérospatiale - Pattes d'ancrage, en acier  
résistant à la corrosion, passivées

Luft- und Raumfahrt - Sicherungsbleche, aus  
korrosionsbeständigem Stahl, passiviert

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**CEN**

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels



## 1 Scope

This standard specifies the characteristics of wire locking washers, in corrosion resisting steel, passivated, 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.

- 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 2463 Steel FE-PA13 - Softened - Sheets, strips and plates  $0,5 \text{ mm} \leq a \leq 20 \text{ mm}$  - Aerospace series <sup>1)</sup>
- EN 2516 Aerospace series - Passivation of corrosion resistant steels and decontamination of nickel base alloys <sup>1)</sup>

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## 3 Required characteristics

### 3.1 Configuration - Dimensions - Masses

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See figure 1 and table 1. Dimensions and tolerances are expressed in millimetres and apply after surface treatment.

### 3.2 Material

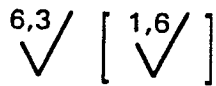
EN 2463

### 3.3 Surface treatment

EN 2516

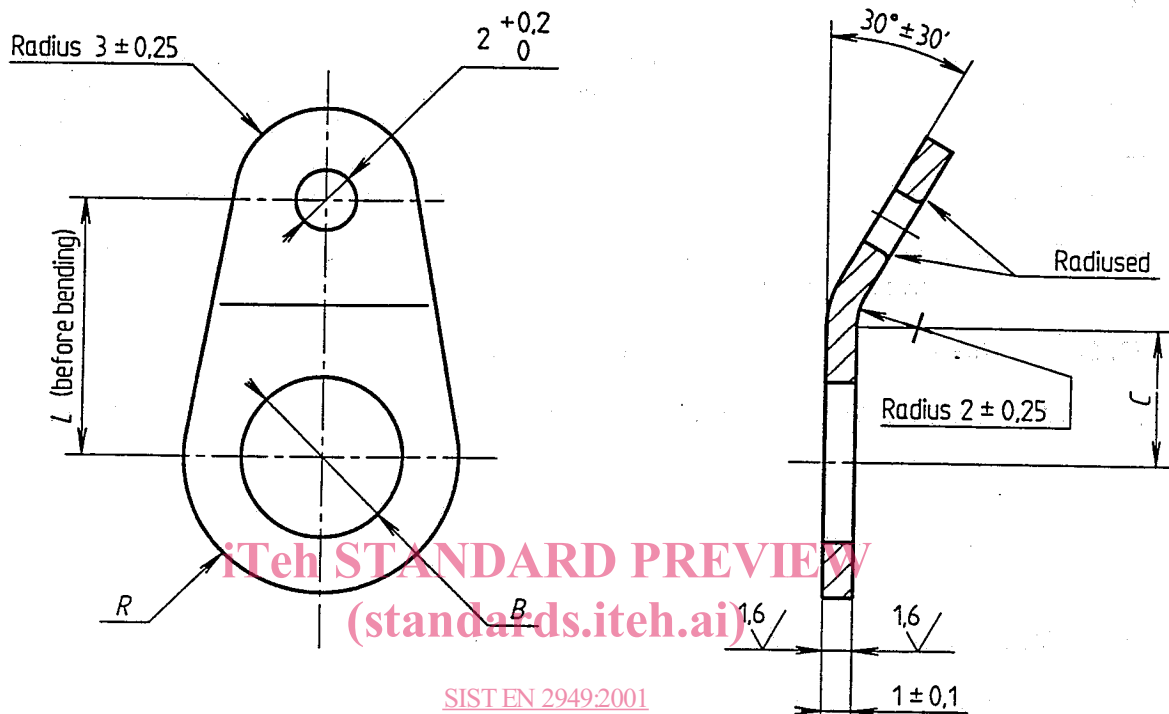
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1) Published as AECMA Standard at the date of publication of this standard



Values in micrometres apply prior to surface treatment.

Remove sharp edges 0,1 to 0,2



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Figure 1

Table 1

Diameter code	$B$ $+ 0,2$ $0$	$C$ $\pm 0,25$	$L$ $\pm 0,25$	$R$ $\pm 0,25$	Mass <sup>1)</sup>
030	3,2	3	7	3	0,46
040	4,3	4	8	4	0,61
050	5,3	4,5	8,5	4,5	0,67
060	6,4	5,5	9,5	5,5	0,86
080	8,4	7,5	11,5	7,5	1,36
100	10,5	8	12	8	1,50
120	12,5	9,5	13,5	9,5	1,72
140	14,5	10,5	14,5	10,5	1,90

1) Approximate values (kg/1 000 pieces), calculated on the basis of 7,85 kg/dm<sup>3</sup>, for information purposes only

**4 Designation**

EXAMPLE :

	Description block	Identity block
	WIRE LOCK WASHER	EN2949-080
Number of this standard	_____	
Diameter code (see table 1)	_____	

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

**5 Marking**

EN 2424, style G

**6 Quality assurance**

EN 2000

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