



SLOVENSKI STANDARD

SIST EN 3427:2009

01-september-2009

5 YfcbUj H_U!`A YfYnUfYn'nUj Ufcj UbYcVfc YnfUX]UbcbUa Yghlj]t

Aerospace series - Groove dimensions for radial mounting retaining rings

Luft-und Raumfahrt - Nuten für axial auf Wellen montierbare Sicherungsringe Maße

Série aérospatiale - Dimensions des gorges pour anneaux d'arrêt à montage radial

THE STANDARD PREVIEW

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Ta slovenski standard je istoveten z: **EN 3427:2006**

[SIST EN 3427:2009](#)

<https://standards.iteh.ai/catalog/standards/sist/81080bed-6e02-4f91-b3f4-394e86423e/sist-en-3427-2009>

ICS:

49.030.99 Drugi vezni elementi Other fasteners

SIST EN 3427:2009 en,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3427

June 2006

ICS 49.030.99

English Version

**Aerospace series - Groove dimensions for radial mounting
retaining rings**

Série aérospatiale - Dimensions des gorges pour anneaux
d'arrêt à montage radial

Luf-und Raumfahrt - Nuten für radial montierbare
Sicherungsringe Maße

This European Standard was approved by CEN on 20 April 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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[SIST EN 3427:2009](#)

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

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Foreword

This European Standard (EN 3427:2006) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 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 December 2006, and conflicting national standards shall be withdrawn at the latest by December 2006.

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, 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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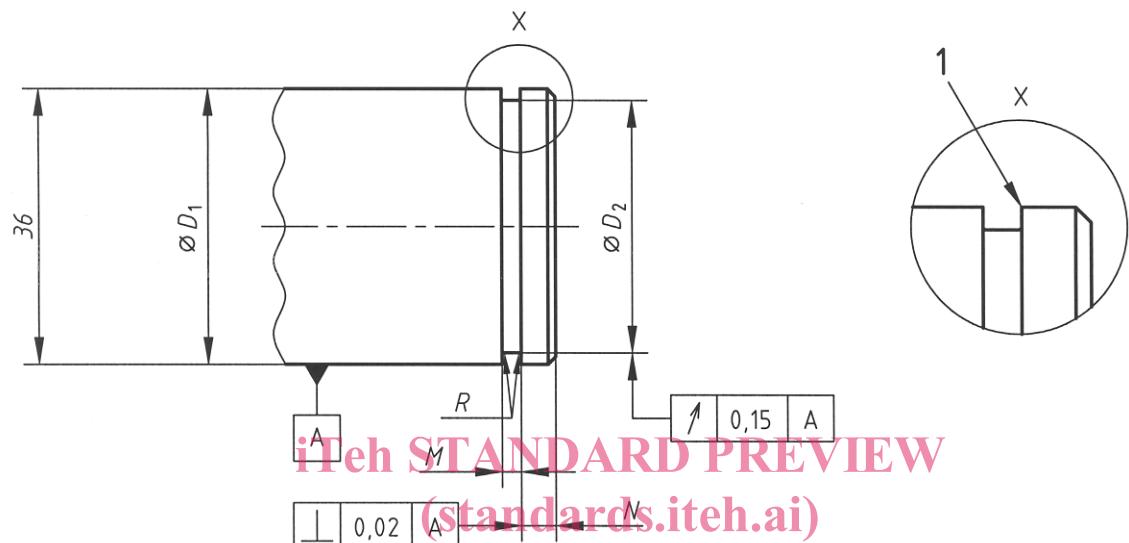
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1 Scope

This standard defines the definitions of groove for radial mounting retaining rings.

2 Required characteristics – Configuration – Dimensions

See Figure 1 and Table 1.



Key

- 1 Square and sharp edge on the bearing side

Figure 1

Table 1

Dimensions in millimetres

<i>D</i> ₁			<i>D</i> ₂ ^a		<i>M</i>		<i>N</i>	<i>R</i>	
code	nom.	tol.	from	to	nom.	tol.	min.	max.	
008	0,8	h11	1	1,4	0,24	+ 0,02 0	0,4	0,02	
012	1,2		1,4	2	0,34		0,6	0,03	
015	1,5		2	2,5	0,44		0,8	0,04	
019	1,9		2,5	3	0,54	0,64	0,05		
023	2,3		3	4	1		0,06		
032	3,2		4	5					
040	4		5	7	0,74	+ 0,03 0	1,2	0,07	
050	5		6	8					
060	6		7	9			1,5	0,09	
070	7		8	11	0,94	1,05	1,8	0,1	
080	8		9	12	1,15		2	0,11	
090	9		10	14			2	0,12	
100	10		11	15	1,25	1,35	2,5	0,13	
120	12		13	18	1,55		3	0,15	
150	15		16	24			3,5	0,17	
190	19		20	21	1,8	2,05	4	0,2	
240	24		25	38	2,05		4,5	0,25	
300	30		32	42					

^a The tolerance is left to the manufacturer's option.

3 Designation

EXAMPLE

EN3427-023

Number of this standard _____

Diameter code (see Table 1) _____