



SLOVENSKI STANDARD
SIST EN 3426:2009
01-september-2009

5 YfcbUj h_U! 'A YfY'nUfYn'nUni bUb'Yj Ufcj UbY'cVfc Y'n'fUXJUbc'bUa Yghhj]'c

Aerospace series - Groove dimensions for axial mounting external type retaining rings

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

Série aérospatiale - Dimensions des gorges pour anneaux d'arrêt, type extérieur, à montage axial

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Ta slovenski standard je istoveten z: EN 3426:2006

<https://standards.iteh.ai/catalog/standards/sist/539f779e-7b04-455c-8f07-942ac59fd175/sist-en-3426-2009>

ICS:

49.030.99 Drugi vezni elementi Other fasteners

SIST EN 3426:2009

en,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3426

June 2006

ICS 49.030.99

English Version

Aerospace series - Groove dimensions for axial mounting external type retaining rings

Série aérospatiale - Dimensions des gorges pour anneaux
d'arrêt, type extérieur, à montage axial

Luft-und Raumfahrt - Nuten für axial auf Wellen
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.

CEN members are the national standards bodies of 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 United Kingdom.

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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 3426:2006) 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.

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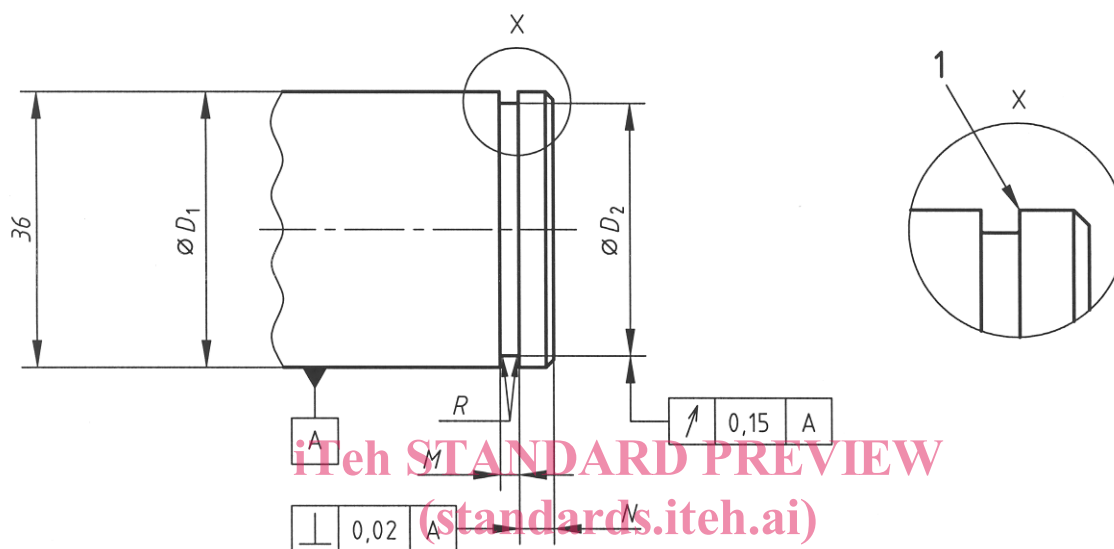
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1 Scope

This standard defines the dimensions of grooves for axial mounting, external type, retaining rings.

2 Required characteristics – Configuration – Dimensions

See Figure 1 and Table 1.



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Key

- 1 Square and sharp edge on the bearing side

Figure 1

Table 1

Dimensions in millimetres

D_1^a		D_2		M^b H11 H13	N min.	R max.			
Code	nom.	nom.	Tol.						
003	3	2,8	H11	0,5	0,3	0,04			
004	4	3,8							
005	5	4,8							
006	6	5,7		0,7	0,5	0,06			
007	7	6,7							
008	8	7,6		0,8	0,6	0,07			
009	9	8,6							
010	10	9,6		0,9	0,8	0,08			
011	11	10,5							
012	12	11,5							
013	13	12,4							
014	14	13,4							
015	15	14,3		1,1	0,9	0,1			
016	16	15,2							
017	17	16,2							
018	18	17							
019	19	18		1,3	1,5	0,12			
020	20	19							
021	21	20							
022	22	21							
024	24	22,9	1,7				2,1	0,15	
025	25	23,9							
026	26	24,9							
028	28	26,6							
029	29	27,6	1,6				2,6	0,15	
030	30	28,6							
032	32	30,3							
034	34	32,3							
035	35	33		3	3	0,17			
036	36	34							
038	38	36							
040	40	37,5	1,85	3,8	0,17				
042	42	39,5							
045	45	42,5							
048	48	45,5							
050	50	47	2,15	4,5	0,2				
052	52	49							
055	55	52							
056	56	53							
058	58	55							
060	60	57							
062	62	59							
063	63	60							
065	65	62							
068	68	65							
070	70	67	2,65	4,5	0,25				
072	72	69							
075	75	72							
077	77	74				H12	2,65	4,5	0,25
078	78	75							
080	80	76,5							
082	82	78,5	3,15	5,3	0,3				
085	85	81,5							
087	87	83,5							
088	88	84,5							
090	90	86,5							
092	92	88,5	H13	4,15	0,4				
095	95	91,5							
097	97	93,5							
098	98	94,5							
100	100	96,5							
102	102	98							
105	105	101							
107	107	103							
108	108	104							
110	110	106							
112	112	108	6	6	0,4				
115	115	111							
117	117	113							
118	118	114							
120	120	116							
122	122	118							
125	125	121							
127	127	123							
128	128	124							
130	130	126							
132	132	128							
135	135	131							
137	137	133							
138	138	134							
140	140	136							
142	142	138							
145	145	141							
147	147	143							
148	148	144							
150	150	145							
152	152	147							
155	155	150							
157	157	152							
158	158	153							
160	160	155							
162	162	157							
165	165	160							
a The tolerance is left to the manufacturer's option.									
b H11 when the axial load is to both directions; H13 when the axial load is to one direction only.									

continued

EN 3426:2006 (E)

3 Designation

EXAMPLE

EN3426-022

Number of this standard

Diameter code (see Table 1)

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