



SLOVENSKI STANDARD

SIST EN 2365:2001

01-januar-2001

Aerospace series - Collars, aluminium alloy

Aerospace series - Collars, aluminium alloy

Luft- und Raumfahrt - Ringe aus Aluminiumlegierung

Série aérospatiale - Bagues en alliage d'aluminium

Ta slovenski standard je istoveten z: EN 2365:1989

[SIST EN 2365:2001](https://standards.iteh.ai/catalog/standards/sist/9bb91c54-cc08-42b3-b4a6-9bea26aa2fe4/sist-en-2365-2001)

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ICS:

49.025.20	Aluminij	Aluminium
49.030.99	Drugi vezni elementi	Other fasteners

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2365

March 1989

UDC : 621.887.6-034.715 : 629.7

Key words : Aircraft industry - Bushings - Aluminium alloys - Specifications, designation, dimensions

English version

Aerospace series
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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 CEN Central Secretariat has the same status as the official versions.

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

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 Standard has successively received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

According to the Common CEN/CENELEC Rules, following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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INTERNATIONAL ORGANIZATION OF STANDARDIZATION

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1 Scope and field of application

This standard specifies the characteristics of aluminium alloy collars for use in aerospace applications, in conjunction with shear pins EN 2364 and split pin EN 2367.

2 References

- EN 2101, Aerospace series - Chromic acid anodizing of aluminium and wrought aluminium alloys
- EN 2364, Aerospace series - Pins, shear, headed, close tolerance
- EN 2367, Aerospace series - Split pins in steel EN 2573
- EN 2387, Aluminium alloy 2014A-T6 - Tubes for structures $0,6 \text{ mm} \leq a \leq 12,5 \text{ mm}$ - Aerospace series
- EN 2424, Aerospace series - Identification marking of standard fasteners

3 Required characteristics

3.1 Configuration - Dimensions - Tolerances

Configuration shall correspond to the figure. The dimensions and tolerances shall correspond to the figure and the table.

These apply after chromic anodizing.

3.2 Surface roughness

$R_a = 3,2 \text{ }\mu\text{m}$, on all surfaces

This value applies prior to chromic acid anodizing.

3.3 Material

Aluminium alloy EN 2387.

3.4 Surface treatment

Chromic acid anodizing EN 2101, type B.

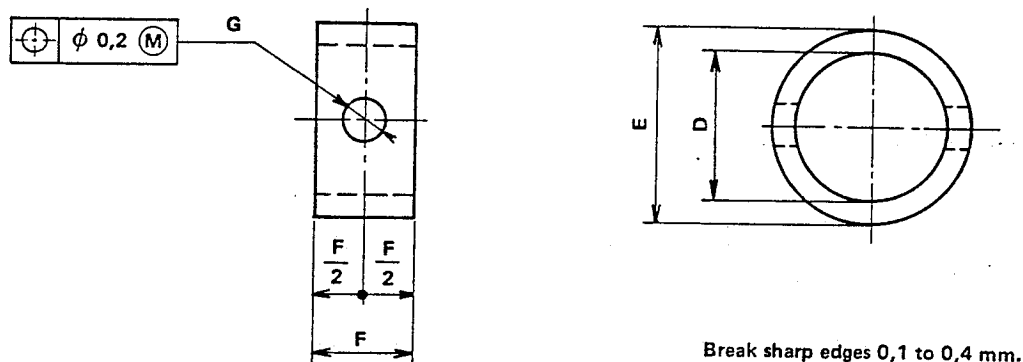


Figure - Configuration

Table - Dimensions and masses
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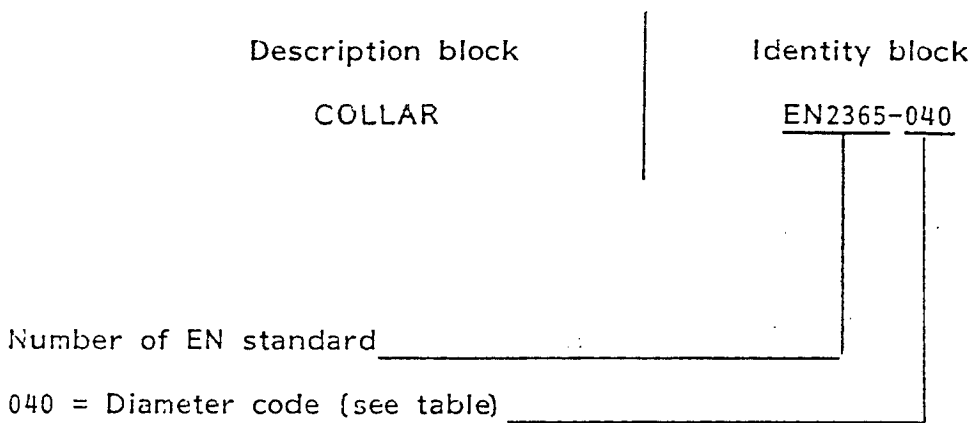
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Dimensions in millimetres

Diameter code	D		E $\pm 0,25$	F $\pm 0,25$	G H13	Mass kg/1000 pieces
	max.	min.				
030	3,1	3	6	4,5	1,1	0,3
040	4,1	4	7	5	1,5	0,4
050	5,1	5	8	5,5	1,9	0,5
060	6,15	6	9	5,5	1,9	0,6
070	7,15	7	10	6	2,4	0,7
080	8,15	8	11	6	2,4	0,8
100	10,15	10	13	6,5	3	1,1

4 Designation

Each collar shall only be designated as in the following example :



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

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5 Marking

EN 2424, style G.

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