EESTI STANDARD EVS-EN 2365:2000

Lennunduse ja kosmonautika seeria. Võrud. Alumiiniumisulam

Aerospace series - Collars - Alluminium alloy

EESTI STANDARDIKESKUS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 2365:2000 sisaldab Euroopa standardi EN 2365:1989 ingliskeelset teksti.	This Estonian standard EVS-EN 2365:2000 consists of the English text of the European standard EN 2365:1989.
Standard on kinnitatud Eesti Standardikeskuse 11.01.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 11.01.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

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EUROPÄISCHE NORM

EN 2365

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

English version

Aerospace series
Collars, aluminium alloy

Série aérospatiale
Bagues en alliage d'aluminium

Luft- und Raumfahrt
Ringe aus Aluminiumlegierung

This European Standard was accepted by CEN on 1988-05-26. CEN members are bound to comply with the requirements of CEN 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 CEN 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 CEN Central Secretariat has the same status as the official versions.

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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 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, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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 mm $\leq$ a $\leq$ 12,5 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 µm, 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.