

Aerospace series - Shock mount with bushes - Part 2:
Technical overview

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ICS 49.035

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EUROPEAN STANDARD

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English Version

Aerospace series - Shock mount with bushes - Part 2: Technical overview

Série aérospatiale - Amortisseur de vibrations à bagues
- Partie 2 : Présentation technique

Luft- und Raumfahrt - Schwingungsdämpfer mit
Buchse - Teil 2: Technische Übersicht

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Contents	Page
European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Requirements	6
4.1 Configuration, dimensions, tolerances and masses	6
4.1.1 Configuration	6
4.1.2 Dimensions, tolerances and masses	6
4.1.3 Serviceable life	6
4.1.4 Storage time	6
4.1.5 Working life	6
4.1.6 Temperature range	6
4.1.7 Loads	6
5 Assembly code definitions	8
6 Materials	9
7 Dimensions and mass	11
8 Marking	18
9 Designation	18
10 Technical specification	18
Annex A (informative) Overview of assembly with tie rods according to EN 4693, EN 4694 and EN 4695	19

European foreword

This document (EN 4841-2:2022) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD, 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of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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Introduction

This document is part of the series of EN mechanical standards for aerospace applications.

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1 Scope

This document specifies the dimensions, masses, the tolerances and the required characteristics of shock mounts with bushes for aerospace interior application and without contamination by phosphate-ester hydraulic fluids.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2424:2008, *Aerospace series — Marking of aerospace products*

EN 4693, *Aerospace series — Tie rod with integrated bolts — Assembly Code A, B and C*

EN 4694, *Aerospace series — Tie rod with integrated bolts — Assembly Code D, E and F*

EN 4695, *Aerospace series — Tie rod with integrated bolts — Assembly Code G, H and K*

EN 4841-1, *Aerospace series — Shock mount with bushes — Part 1: Technical specification*

EN 22768-1:1993, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1:1989)*

EN 22768-2:1993, *General tolerances — Part 2: Geometrical tolerances for features without individual tolerance indications (ISO 2768-2:1989)*

SAE AS 5316, *Storage of Elastomer Seals and Seal Assemblies Which Include an Elastomer Element Prior to Hardware Assembly*¹

SAE AS 14102E, *Bearing, Plain, Self-Lubricating, Self-Aligning, Low Speed, Wide, Chamfered Race, -65 °F to 325 °F*¹

LN 9368-1, *Aerospace — Designation of surface treatments — Composition of code numbers, indications in design documents, survey*²

LN 9368-4, *Aerospace — Designation of surface treatments — Part 4: Code numbers for methods of anodic treatment*²

WL 1.4548-2, *Aerospace — Precipitation-hardening stainless chromium-nickel-copper steel with approx. 0,05C-16Cr-4Cu-4Ni — Bars and forgings*²

WL 3.1354-2, *Aerospace — Wrought aluminium alloy with approx. 4,4Cu-1,5Mg-0,6Mn — Bars*²

¹ Published by SAE, <https://www.sae.org/>

² Published by: Beuth Verlag GmbH, <https://www.beuth.de/de>.