

Aerospace series - Cable outlet accessories for circular
and rectangular electrical and optical connectors -
Part 003: Grommet nut, style A - Product standard

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 3660-003:2023 sisaldab Euroopa standardi EN 3660-003:2023 ingliskeelset teksti. Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 11.10.2023. Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.	This Estonian standard EVS-EN 3660-003:2023 consists of the English text of the European standard EN 3660-003:2023. This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation. Date of Availability of the European standard is 11.10.2023. The standard is available from the Estonian Centre for Standardisation and Accreditation.
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ICS 49.060

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English Version

**Aerospace series - Cable outlet accessories for circular and
rectangular electrical and optical connectors - Part 003:
Grommet nut, style A - Product standard**

Série aérospatiale - Accessoires arrière pour
connecteurs circulaires et rectangulaires électriques et
optiques - Partie 003 : Écrou de passe-fil, type A -
Norme de produit

Luft- und Raumfahrt - Endgehäuse für elektrische und
optische Rund- und Rechtecksteckverbinder - Teil 003:
Dichtungsmutter, Bauform A - Produktnorm

This European Standard was approved by CEN on 9 July 2023.

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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 the CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 3660-003:2023) 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-STAN, 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 April 2024, and conflicting national standards shall be withdrawn at the latest by April 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 3660-003:2018.

EN 3660-003:2023 includes the following significant technical changes with respect to EN 3660-003:2018:

- Table 1: mass for classes N, A, W, T and Z, shell size 28 updated;
- editorial revision of the document.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document specifies a range of grommet nuts, style A, for use under the following conditions:

Associated electrical connector(s): EN 3660-002

Temperature range, Class N: -65 °C to 200 °C

Class W: -65 °C to 175 °C

Class K: -65 °C to 260 °C

Class A: -65 °C to 200 °C

Class T: -65 °C to 175 °C

Class Z: -65 °C to 175 °C

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 2591 (all parts), *Aerospace series — Elements of electrical and optical connection — Test methods*

EN 3660-001, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 001: Technical specification*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 3660-001 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp/>

— IEC Electropedia: available at <https://www.electropedia.org/>

4 Characteristics

4.1 Dimensions and mass

Dimensions and mass according to Figure 1 and Table 1.

Interface dimensions according to 4.2.