

Aerospace series - Spiral drive recesses for threaded fasteners - Geometrical definition and technical requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 4609:2019 sisaldab Euroopa standardi EN 4609:2019 ingliskeelset teksti.	This Estonian standard EVS-EN 4609:2019 consists of the English text of the European standard EN 4609:2019.
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ICS 49.030.20

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English Version

Aerospace series - Spiral drive recesses for threaded fasteners - Geometrical definition and technical requirements

Série aérospatiale - Empreintes en spirale pour éléments de fixation filetés - Définition géométrique et exigences techniques

Luft- und Raumfahrt - Spiral-Innenantrieb für Schrauben - Definition der Geometrie und Technische Anforderungen

This European Standard was approved by CEN on 14 July 2019.

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

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European foreword

This document (EN 4609:2019) 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 Standard 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of an identical text or by endorsement, at the latest by May 2020, and conflicting national standards shall be withdrawn at the latest by May 2020.

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.

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Introduction

Aerospace and Defence Standardisation (ASD-STAN) draws attention to the fact that it is claimed that compliance with this document may involve the use of a patent "Spiral Drive System for Threaded Fasteners" EP1025370B1.

ASD-STAN takes no position concerning the evidence, validity and scope of this patent right.

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301 Edgewater Place, Suite 320
Wakefield, Massachusetts 01880
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1 Scope

This European Standard specifies dimensions, tolerances, characteristics and qualification requirements for MORTORQ Spiral Drive Recesses¹.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

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

- ISO Online browsing platform: available at <http://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

4 Required characteristics: configuration — dimensions — tolerances

Configuration shall be in accordance with Figure 1.

Dimensions and tolerances shall be according to Figure 1 and Table 1 and are expressed in millimetres.

1 MORTORQ® is the trade name of a product supplied by licensees of the Phillips Screw Company. This information is given for the convenience of users of this European Standard and does not constitute an endorsement by ASD-STAN nor CEN of the product named. Equivalent products may be used if they can be shown to lead to the same results.