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Aerospace series - Rotary fasteners - Structural and non-structural applications - Technical specification

Táto norma obsahuje anglickú verziu európskej normy.

This standard includes the English version of the European Standard.

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EUROPEAN STANDARD
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English Version

**Aerospace series - Rotary fasteners - Structural and non-
structural applications - Technical specification**

Série aéronautique - Fixations rapides filetées -
Applications structurales et non structurales -
Spécification technique

Luft- und Raumfahrt - Drehverschlüsse - Strukturelle
und nichtstrukturelle Anwendungen - Technische
Lieferbedingung

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EN 6095:2023 (E)

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European foreword

This document (EN 6095:2023) 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of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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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EN 6095:2023 (E)**1 Scope**

This document specifies the required characteristics, inspections, tests, quality assurance requirements, conditions for qualification acceptance and delivery of rotary fasteners for structural and non-structural applications.

This document is applicable to all rotary fasteners for structural and non-structural applications. It can be applied when referred to in the product standard or in a design specification.

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, *Aerospace series — Marking of aerospace products*

EN 9100, *Quality Management Systems — Requirements for Aviation, Space and Defence Organizations*

EN 10204, *Metallic products — Types of inspection documents*

EN ISO 6270-2, *Paints and varnishes — Determination of resistance to humidity — Part 2: Condensation (in-cabinet exposure with heated water reservoir) (ISO 6270-2)*

EN ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227)*

ISO 554, *Standard atmospheres for conditioning and/or testing; Specifications*

ISO 1817, *Rubber, vulcanized or thermoplastic — Determination of the effect of liquids*

ISO 4288:1996, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Rules and procedures for the assessment of surface texture*

ISO 8785, *Geometrical Product Specification (GPS) — Surface imperfections — Terms, definitions and parameters*

ASTM A342¹, *Standard Test Methods for Permeability of Weakly Magnetic Materials*

BS 2634-1², *Roughness comparison specimens — Specification for turned, ground, bored, milled, shaped and planed specimens*

NASA-STD-6001³, *Flammability, Offgassing, and Compatibility Requirements and Test Procedures*

NASM22978⁴, *Fastener, Rotary, Quick-operating, High-strength*

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2 Published by: British Standards Institution.

3 Published by: National Aeronautics and Space Administration (NASA), available at: <https://standards.nasa.gov/>.

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