

Aerospace series - Clamps worm drive - Technical specification

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ICS 49.080

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EUROPEAN STANDARD

EN 3077

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Aerospace series - Clamps worm drive - Technical specification

Série aérospatiale - Colliers à vis tangente -
Spécification technique

Luft- und Raumfahrt - Schellen mit Schneckentrieb -
Technische Lieferbedingungen

This European Standard was approved by CEN on 17 January 2022.

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European foreword

This document (EN 3077:2022) 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-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of an identical text or by endorsement, at the latest by September 2022, and conflicting national standards shall be withdrawn at the latest by September 2022.

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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.

1 Scope

This document specifies the required characteristics, inspections, test methods, quality assurance, qualification, acceptance and delivery conditions of clamps worm drive designed for use with suitable rubber hoses to form joints in fluid system pipelines.

The clamps worm drive are intended to be used as specified in the product standards.

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 10204, *Metallic products — Types of inspection documents*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

3 Terms and definitions

For the purposes of this document, the following terms and definitions 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/>

3.1

clamp worm drive

band of material fitted with an adjustment device intended for use in conjunction with a suitable hose to provide a pipe-to-pipe joint

3.2

batch

clamps of a particular size and material produced under essentially the same manufacturing conditions and presented for inspection at the same time

4 Requirements, inspection and test methods

See Table 1.