



SLOVENSKI STANDARD
oSIST prEN 3078:2024
01-september-2024

Aeronavtika - Objemke tipa P, Q in cevne objemke z zaščitno obrobo prevleko iz gume - Tehnična specifikacija

Aerospace series - P, Q and saddle clamps with rubber cushion - Technical Specification

Luft- und Raumfahrt - Schellen in Schlaufen- (P- und Q-Form) und Sattel-Form mit Profilgummi - Technische Lieferbedingungen

Série aérospatiale - Colliers en « P », serrage central et « Q » avec profils en élastomère - Spécification technique

Ta slovenski standard je istoveten z: prEN 3078

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ICS:

49.030.99	Drugi vezni elementi	Other fasteners
49.080	Letalski in vesoljski hidravlični sistemi in deli	Aerospace fluid systems and components

oSIST prEN 3078:2024

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 3078

June 2024

ICS 49.060; 49.080

English Version

Aerospace series - P, Q and saddle clamps with rubber cushion - Technical Specification

Série aérospatiale - Colliers en " P ", serrage central et " O " avec profils en élastomère - Spécification technique

Luft- und Raumfahrt - Schellen in Schlaufen- (P- und Q-Form) und Sattel-Form mit Profilgummi - Technische Lieferbedingungen

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (prEN 3078:2024) has been prepared by the Aerospace and Defence Industries Association of Europe — Standardization (ASD-STAN).

This document is currently submitted to the CEN Enquiry.

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prEN 3078:2024 (E)

1 Scope

This document specifies the required characteristics, inspection test methods, quality assurance and delivery conditions, for P, Q and saddle clamps with rubber cushion, used for aerospace applications.

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*

EN ISO 21920-1, *Geometrical product specifications (GPS) - Surface texture: Profile - Part 1: Indication of surface texture (ISO 21920-1)*

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

ISO 3161, *Aerospace — UNJ threads — General requirements and limit dimensions*

ISO 5855-2, *Aerospace — MJ threads — Part 2: Limit dimensions for bolts and nuts*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology 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 Clamps

<https://standards.iteh.ai/catalog/standards/sist/1b743736-2f2d-4bd8-8908-db9dbd78799c/osist-pren-3078-2024>

3.1.1

“P” clamp

single metal strip formed into a “P loop” (see Figure 1)

Note 1 to entry: Used to support fluid pipes or cable bundles. Retained by a single fastener.

3.1.2

“Q” clamp

single metal strip formed into a “Q loop” (see Figure 2)

Note 1 to entry: Used to support fluid pipes or cable bundles. Retained by a single fastener.

3.1.3

“saddle” clamp

two metal strips, each with a cushion

Note 1 to entry: The top and bottom parts are formed into a “saddle” (see Figure 3 and Figure 4). Available in two versions: Type 1, fixed and type 2, sliding. Used to support fluid pipes or cable bundles retained by two fasteners.