SLOVENSKI STANDARD
oSIST prEN 3278:2024

01-november-2024

Aeronavtika - Obojke, cevaste, štrleče glave, iz korozijsko odpornega jekla, pasivirane (debelina stene 0,25 mm)

Aerospace series - Sleeves, tubular, protruding head, in corrosion resisting steel, passivated (0,25 mm wall thickness)

Luft- und Raumfahrt - Hülsen, überstehender Kopf, aus korrosionsbeständigem Stahl, passiviert (Wanddicke 0,25 mm)

Série aérospatiale - Douilles tubulaires, tête saillante en acier résistant à la corrosion, passivées (épaisseur de paroi 0,25 mm)

Ta slovenski standard je istoveten z: **prEN 3278**

ICS:

49.030.99	Drugi vezni elementi	Other fasteners

oSIST prEN 3278:2024 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN 3278

September 2024

ICS 49.030.99

Will supersede EN 3278:2019

English Version

Aerospace series - Sleeves, tubular, protruding head, in corrosion resisting steel, passivated (0,25 mm wall thickness)

Série aérospatiale - Douilles tubulaires, tête saillante en acier résistant à la corrosion (Épaisser de paroi 0,25 mm)

Luft- und Raumfahrt - Hülsen, überstehender Kopf, aus korrosionsbeständigem Stahl, passiviert (Wanddicke 0,25 mm)

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ASD-STAN.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN 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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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

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

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European foreword

This document (prEN 3278:2024) 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 document is currently submitted to the CEN Enquiry.

This document will supersede EN 3278:2019.

prEN 3278:2024 includes the following significant technical changes with respect to EN 3278:2019:

— normative references updated;

— 4.3 and 4.4 expanded with additional options;

— document editorially revised.

1 Scope

This document specifies the characteristics and technical requirements for protruding head tubular sleeves, in corrosion resisting steel, which can be plain or provided with a series of annular grooves.

Passivated sleeves are for use in aerospace assemblies whose maximum operating temperature does not exceed 650 °C. It is important that the operating temperatures for aluminium pigmented sleeves do not exceed 230 °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 2175,[1] *Heat resisting alloy FE-PA2602 (X4NiCrTiMoV26-15) — Solution treated and precipitation treated — Sheet, strip and plate — 0,5 mm ≤ a ≤ 10 mm — R_m ≥ 850 MPa*

EN 2424, *Aerospace series — Marking of aerospace products*

EN 2516, *Aerospace series — Passivation of corrosion resisting steels and decontamination of nickel or cobalt base alloys*

EN 4473, *Aerospace series — Aluminium pigmented coatings for fasteners — Technical specification*

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

SAE AMS 2700, *Passivation of Corrosion Resistant Steels*

SAE AMS 5525, *Steel, Corrosion and Heat-Resistant, Sheet, Strip, and Plate 15Cr — 25.5Ni — 1.2Mo — 2.1Ti — 0.006B — 0.30V 1 800 °F (982 °C) Solution Heat Treated*

NAS4006, *Aluminum coating*

[1] Published as ASD STAN prEN, available at: https://www.asd-stan.org/