



SLOVENSKI STANDARD
oSIST prEN 6129:2024

01-oktober-2024

Aeronavtika - Slepa kovica, štrleča glava, visoka trdnost, povlečni tip

Aerospace series - Blind bolt, protruding head, high strength, pulltype

Luft- und Raumfahrt - Blindniet, Universalkopf, hochfest (Zugtyp)

Série aérospatiale - Boulon aveugle, tête protubérante, haute résistance, installation en tirant

Ta slovenski standard je istoveten z: prEN 6129

ICS:

<https://standards.iteh.ai/catalog/standards/sist/35574508-3118-4f76-8ae8-4528e177b0ee/osist-pren-6129-2024>
49.030.20 Sorniki, vijaki, stebelni vijaki Bolts, screws, studs

oSIST prEN 6129:2024

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 6129

July 2024

ICS 49.030.20

Will supersede EN 6129:2016

English Version

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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.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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 6129:2024) has been prepared by 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 6129:2016.

The main changes compared to the previous edition are as follows:

- a) Figure 1 and Figure 2 updated (dimension Q removed);
- b) dimension Q removed in Table 1 accordingly;
- c) Table 1, Table 2 and Table 3: Single values corrected and hole limits removed;
- d) Table 5 and Table 6 updated according to updated normative references and preferred options.

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prEN 6129:2024 (E)**1 Scope**

This document specifies the configuration, dimensions, tolerances and mass of a stainless steel blind bolt with protruding head for aerospace application.

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

DOD-L-85645,¹ *Lubricant, Dry Film, Molecular Bonded*

MIL-PRF-46010,¹ *Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting NATO Code – S-1738*

NASM8975,² *Fastener, Blind, High Strength, Installation Formed, Cres, Heat Resistant Steel and Titanium, General Specification for*

SAE AMS2700,³ *Passivation of Corrosion Resistant Steels*

SAE AMS5687,³ *Nickel Alloy, Corrosion- and Heat-Resistant, Wire 74Ni-15,5Cr-8,0Fe Annealed*

SAE AMS5690,³ *Steel, Corrosion and Heat Resistant, Wire, 17Cr-12N-2.5Mo (316), Solution Heat Treated*

SAE AMS5737,³ *Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Mechanical Tubing, and Stock for Forging and Heading 15Cr-25,5Ni-1,2Mo-2,1Ti-0,006B-0,30V (A286) Consumable Electrode Remelted, 1650 °F (899 °C) Solution and Precipitation Heat Treated*

SAE AS5272,³ *Lubricant, Solid Film; Heat Cured, Corrosion Inhibiting Procurement Specification*

SAE AS87132,³ *Lubricant, Cetyl Alcohol, 1-Hexadecanol, Application to Fasteners*

3 Terms and definitions

No terms and definitions are listed in this document.

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/>

¹ Published by Department of Defense (DoD), available at: <https://assist.dla.mil/>.

² Published by Aerospace Industries Association (AIA), available at: <https://www.aia-aerospace.org/>.

³ Published by: Society of Automotive Engineers (SAE), available at: <https://www.sae.org/>.