



**SLOVENSKI STANDARD**  
**oSIST prEN 6127:2024**

**01-oktober-2024**

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**Aeronavtika - Slepa kovica, 100° zmanjšana ugrezna glava, visoka trdnost**

Aerospace series - Blind bolt, 100° reduced flush head, high strength

Luft- und Raumfahrt - Blindbolzen, 100° reduzierter Senkkopf, hochfest

Série aérospatiale - Boulon aveugle, tête fraisée réduite 100°, haute résistance

**Ta slovenski standard je istoveten z: prEN 6127**

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**ICS:**

49.030.20 Sorniki, vijaki, stebelni vijaki Bolts, screws, studs

**oSIST prEN 6127:2024**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN 6127**

July 2024

ICS 49.030.20

English Version

## Aerospace series - Blind bolt, 100° reduced flush head, high strength

Série aérospatiale - Boulon aveugle, tête fraisée réduite  
100°, haute résistance

Luft- und Raumfahrt - Blindbolzen, 100° reduzierter  
Senkkopf, hochfest

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 6127:2024) 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 ASD-STAN prEN 6127:2006.

This document includes the following significant technical changes with respect to ASD-STAN prEN 6127:2006:

- a) Figure 1 and Figure 2 updated (dimensions  $Q$  and  $X$  removed);
- b) dimension  $Q$  removed in Table 1 accordingly;
- c) Table 1 and Table 3: Single values corrected and hole limits removed;
- d) Table 5 and Table 6 updated according updated normative references and preferred options;
- e) oversize “X” added in document.

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**prEN 6127:2024 (E)****1 Scope**

This document specifies the configuration, dimensions, tolerances and mass of a stainless steel blind bolt with 100° reduced flush 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,<sup>1</sup> *Lubricant, Dry Film, Molecular Bonded*

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

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

SAE AMS2700,<sup>3</sup> *Passivation of Corrosion Resistant Steels*

SAE AMS5687,<sup>3</sup> *Nickel Alloy, Corrosion- and Heat-Resistant, Wire 74Ni-15.5Cr-8.0Fe Annealed*

SAE AMS5690,<sup>3</sup> *Steel, Corrosion and Heat Resistant, Wire 17Cr-12Ni-2.5Mo (316) Solution Heat Treated*

SAE AMS5737,<sup>3</sup> *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,<sup>3</sup> *Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting, Procurement Specification*

SAE AS87132,<sup>3</sup> *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/>

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

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

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