

<b>STN</b>	<b>Letectvo a kozmonautika</b> <b>Skrutky s nízkou hlavou, s krížovou drážkou,</b> <b>so závitom po hlavu, z nehrdzavejúcej ocele,</b> <b>pasivované, metrické</b> <b>Trieda: 490 MPa (pri teplote okolia)/425 °C</b>	<b>STN</b> <b>EN 4075</b>  31 3265
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Aerospace series - Screw, pan head, offset cruciform recess, threaded to head, in corrosion resisting steel, passivated, metric -  
Classification: 490 MPa (at ambient temperature)/425 °C

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/25

Obsahuje: EN 4075:2025

Oznámením tejto normy sa ruší  
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EUROPEAN STANDARD

EN 4075

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 4075:2008

English Version

**Aerospace series - Screw, pan head, offset cruciform  
recess, threaded to head, in corrosion resisting steel,  
passivated, metric - Classification: 490 MPa (at ambient  
temperature)/425 °C**

Série aérospatiale - Vis à tête cylindrique, à empreinte cruciforme déportée, fileté jusqu'à proximité de la tête, en acier résistant à la corrosion, passivée, série métrique - Classification : 490 MPa (à température ambiante)/425 °C

Luft- und Raumfahrt - Flachkopfschraube, mit Flügelkreuzschlitz, Gewinde annähernd bis Kopf, aus korrosionsbeständigem Stahl, passiviert, metrisch - Klasse: 490 MPa (bei Umgebungstemperatur)/425 °C

This European Standard was approved by CEN on 20 January 2025.

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

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**EN 4075:2025 (E)**

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## European foreword

This document (EN 4075:2025) 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 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of an identical text or by endorsement, at the latest by September 2025, and conflicting national standards shall be withdrawn at the latest by September 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 4075:2008.

This document includes the following significant technical changes with respect to EN 4075:2008:

- normative references updated;
- Clause 3 “Terms and definitions” added;
- Figure 1 updated;
- Table 2 updated with new drive code references;
- 7.2 “Approval of manufacturers” revised;
- Bibliography updated.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

**EN 4075:2025 (E)****1 Scope**

This document specifies the characteristics of screws, pan head, offset cruciform recess, threaded to head, in corrosion resisting steel, passivated, metric.

Classification: 490 MPa<sup>1</sup>/425 °C<sup>2</sup>

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

ISO 3202, *Aerospace — Screws, pan head, internal offset cruciform ribbed or unribbed drive, threaded to head, MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa — Dimensions*

ISO 3353-1, *Aerospace — Lead and runout threads — Part 1: Rolled external threads*

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

ISO 7913, *Aerospace — Bolts and screws, metric — Tolerances of form and position*

ISO 8168, *Aerospace — Bolts, with MJ threads, made of heat and corrosion resisting steel, strength class 1 100 MPa — Procurement specification*

ISO 14275, *Aerospace — Drives, internal, offset cruciform, ribbed — Metric series*

ISO 14276, *Aerospace — Drives, internal, offset cruciform — Metric series*

TR 3775,<sup>3</sup> *Aerospace series — Bolts and pins — Materials*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**

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<sup>1</sup> Minimum tensile strength of the material at ambient temperature.

<sup>2</sup> Maximum temperature that the screw can withstand without continuous change in its original characteristics, after return to ambient temperature. The maximum temperature is determined by the surface treatment.

<sup>3</sup> Published as ASD-STAN TR, available at: <https://www.asd-stan.org>.