
Aeronavtika - Vijak, 100° ugrezna glava, križna zareza, polno steblo, ozka toleranca, srednja navojna dolžina, iz legiranega jekla, prevlečen s kadmijem - Klasifikacija: 1100 MPa (pri temperaturi okolice)/235 °C

Aerospace series - Screw, 100° countersunk normal head, offset cruciform recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature)/235 °C

Luft- und Raumfahrt - 100°-Senkschraube mit Flügelkreuzschlitz, mittlere Gewindelänge, aus legiertem Stahl, verkadmet - Klasse: 1 100 MPa (bei Raumtemperatur)/235 °C

Série aérospatiale - Vis à tête fraisée 100° normale, à empreinte cruciforme déportée, tige normale à tolérance large, filetage moyen, en acier allié, cadmiée - Classification: 1 100 MPa (à température ambiante)/235 °C

Ta slovenski standard je istoveten z: EN 4162:2026

ICS:

49.025.10	Jekla	Steels
49.030.20	Sorniki, vijaki, stebelni vijaki	Bolts, screws, studs

SIST EN 4162:2026

en,fr,de

Sample Document

get full document from standards.iteh.ai

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 4162

September 2026

ICS 49.030.20

English Version

**Aerospace series - Screw, 100° countersunk normal head,
offset cruciform recess, coarse tolerance normal shank,
medium length thread, in alloy steel, cadmium plated -
Classification: 1 100 MPa (at ambient temperature)/235
°C**

Série aérospatiale - Vis à tête fraisée 100° normale, à
empreinte cruciforme déportée, tige normale à
tolérance large, filetage moyen, en acier allié, cadmiée -
Classification : 1 100 MPa (à température
ambiante)/235 °C

Luft- und Raumfahrt - 100°-Senkschraube mit
Flügelkreuzschlitz, mittlere Gewindelänge, aus
legiertem Stahl, verkadmet - Klasse: 1 100 MPa (bei
Raumtemperatur)/235 °C

This European Standard was approved by CEN on 3 August 2026.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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.

CEN members are the national standards bodies of 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 United Kingdom.



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

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

Contents	Page
European foreword	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	5
4 Required characteristics.....	5
4.1 Configuration — Dimensions — Mass	5
4.2 Tolerances of form and position	5
4.3 Materials	5
4.4 Surface treatment	5
5 Designation	9
6 Marking	9
7 Technical specification	10
7.1 General.....	10
7.2 Approval of manufacturers	10
7.3 Qualification of screws.....	10
Bibliography	11

get full document from standards.iteh.ai

European foreword

This document (EN 4162:2026) 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 March 2027, and conflicting national standards shall be withdrawn at the latest by March 2027.

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.

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.

Sample Document

get full document from standards.iteh.ai