Aerospace series - Bolts, MJ threads, in heat resisting steel FE-PA2601 (A286) - Classification: 900 MPa (at ambient temperature)/650 °C - Technical specification

EESTI STANDARDIKESKUS
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NATIONAL FOREWORD

See Eesti standard EVS-EN 2576:2020 sisaldab Euroopa standardi EN 2576:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 2576:2020 consists of the English text of the European standard EN 2576:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 13.05.2020.	Date of Availability of the European standard is 13.05.2020.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 49.030.20

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 2576

May 2020

ICS 49.030.20

English Version

Aerospace series - Bolts, MJ threads, in heat resisting steel FE-PA2601 (A286) - Classification: 900 MPa (at ambient temperature)/650 °C - Technical specification

Série aérospatiale - Vis à filetage MJ, en acier résistant à chaud FE-PA2601 (A286) - Classification : 900 MPa (à température ambiante)/650 °C - Spécification technique

Luft- und Raumfahrt - Schrauben, MJ-Gewinde, aus hochwarmfestem Stahl FE-PA2601 (A286) - Klasse: 900 MPa (bei Raumtemperatur)/650 °C - Technische Lieferbedingungen

This European Standard was approved by CEN on 30 September 2019.

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

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Ref. No. EN 2576:2020 E

Contents

European foreword

This document (EN 2576:2020) 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 Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, 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 November 2020, and conflicting national standards shall be withdrawn at the latest by November 2020.

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

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1 Scope

This document specifies the characteristics, qualification and acceptance requirements for bolts with MJ threads in heat resisting steel FE-PA2601, for aerospace applications.

Classification: 900 MPa[1]/650 °C[2].

It is applicable whenever referenced.

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 ISO 3452-1, *Non-destructive testing — Penetrant testing — Part 1: General principles*

EN ISO 4288, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Rules and procedures for the assessment of surface texture*

EN ISO 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method*

EN ISO 6892-1, *Metallic materials — Tensile testing — Part 1: Method of test at room temperature*

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

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

ISO 7961, *Aerospace — Bolts — Test methods*

ASTM E 112, *Standard Test Methods for Determining Average Grain Size*[3]

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at http://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

1 Minimum tensile strength of the material at ambient temperature.

2 Maximum test temperature of the parts.

3 Published by: ASTM International (http://www.astm.org/).