

STN	Letectvo a kozmonautika. Samopoistné nitovacie matice so zúbkovaním, zo žiaruvzdornej ocele FE-PA 2601 (A286), s postriebreným závitom. Trieda: 1 100 MPa (pri teplote okolia)/650 °C.	STN EN 4121
		31 3379

Aerospace series - Shank nuts, serrated, self-locking, in heat resisting steel FE-PA2601 (A286), silver plated on thread - Classification: 1 100 MPa (at ambient temperature) / 650 °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. 10/15

Obsahuje: EN 4121:2015

Oznámením tejto normy sa ruší
STN EN 4121 (31 3379) z mája 2005

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2015
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

English Version

**Aerospace series - Shank nuts, serrated, self-locking, in heat
resisting steel FE-PA2601 (A286), silver plated on thread -
Classification: 1 100 MPa (at ambient temperature) / 650 °C**

Série aéronautique - Écrous dentelés à sertir, à freinage interne, en acier résistant à chaud FE-PA2601 (A286), argentés sur filetage - Classification: 1 100 MPa (à température ambiante) / 650 °C

Luft- und Raumfahrt - Einnietmuttern, verzahnt, selbstsichernd, aus hochwärmfestem Stahl steel FE-PA2601 (A286), Gewinde versilbert - Klasse: 1 100 MPa (bei Raumtemperatur) / 650 °C

This European Standard was approved by CEN on 8 November 2014.

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.

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

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European foreword

This document (EN 4121:2015) 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 January 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

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 standard specifies the characteristics of self-locking serrated shank nuts in FE-PA2601, silver plated on thread, for aerospace applications.

Classification: 1 100 MPa ¹⁾ / 650 °C ²⁾.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2399, *Aerospace series — Heat resisting steel FE-PA2601 (X4NiCrTiMoV26-15) — $R_m \geq 900$ MPa — Bars for forged bolts — $D \leq 25$ mm*

EN 2424, *Aerospace series — Marking of aerospace products*

EN 2786, *Aerospace series — Electrolytic silver plating of fasteners*

EN 3004, *Aerospace series — Nuts, self-locking, MJ threads, in heat resisting steel FE-PA2601 (A286) — Classification: 1 100 MPa (at ambient temperature) / 650 °C — Technical specification*

EN 3064, *Aerospace series — Shank nuts, self-locking, serrated — Installation procedure*

EN 3065, *Aerospace series — Installation holes for self-locking, serrated shank nuts — Design standard*

EN 3639, *Aerospace series — Heat resisting alloy FE-PA2601 — Softened and cold worked — Wire for forged fasteners — $D \leq 15$ mm — 900 MPa $\leq R_m \leq 1$ 100 MPa ³⁾*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

1) Correspond to the minimum tensile stress which the nut is able to withstand at ambient temperature without breaking or cracking when tested with a bolt of a higher strength class.

2) Maximum test temperature of the parts.

3) Published as ASD-STAN Prestandard at the date of publication of this standard (www.asd-stan.org).