

STN	Letectvo a kozmonautika Nastaviteľné kĺbové hlavice s jednoduchou vidlicou a stopkou so závitom UNJ s minimálnou hĺbkou zaskrutkovania: 1,5 × priemer závitu z nehrdzavejúcej ocele Rozmery a zaťaženia Palcový rad	STN EN 6029 31 4782
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Aerospace series - Rod-ends, adjustable, single fork with UNJ threaded shank min. engagement: 1,5 x thread diameter in corrosion resisting steel - Dimensions and loads - Inch series

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. 06/17

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Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD

EN 6029

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2017

ICS 49.035

English Version

**Aerospace series - Rod-ends, adjustable, single fork with
UNJ threaded shank min. engagement: 1,5 x thread
diameter in corrosion resisting steel - Dimensions and
loads - Inch series**

Série aérospatiale - Embouts réglables à chape simple à tige fileté UNJ, implantation min. : 1,5 x diamètre de filetage en acier résistant à la corrosion - Dimensions et charges - Série en inches

Luft- und Raumfahrt - Einstellbare Gabelköpfe, einfach, UNJ-Gewindenschaft, min. Einschraubtiefe 1,5 x Gewindedurchmesser, aus korrosionsbeständigem Stahl - Maße und Belastungen - Inch-Reihe

This European Standard was approved by CEN on 20 August 2016.

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.

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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 6029:2017) 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 July 2017, and conflicting national standards shall be withdrawn at the latest by July 2017.

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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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the characteristics of adjustable rod ends in corrosion resisting steel, inch series, consisting of:

- a single fork ;
- a UNJ threaded shank with ;
 - min. engagement 1,5 times thread diameter and
 - longitudinal groove for locking purposes.

These rod ends are intended for use with control rods or rods for aerospace structures.

They shall be used in the temperature range – 54 °C and 150 °C.

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 2424, *Aerospace series — Marking of aerospace products*

EN 2601, *Aerospace series — Fork ends, adjustable — Technical specification*

EN 3161, *Aerospace series — Steel FE-PM3801 (X5CrNiCu17-4) — Air melted, solution treated and precipitation treated, bar a or $D \leq 200$ mm, $R_m \geq 930$ MPa*

ISO 3161:1999, *Aerospace — UNJ threads — General requirements and limit dimensions*

ISO 3353-1:2002, *Aerospace — Lead and runout threads — Part 1: Rolled external threads*

ISO 8074, *Aerospace — Surface treatment of austenitic stainless steel parts*

NAS 559, *Rod End Lock* ¹⁾

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

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