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| STN | Letectvo a kozmonautika. Rúrkové guľové spojky 37° zo žiaruvzdornej ocele. Priame rúrkové vsuvky s naváranými koncami. Palcové rady. | STN EN 4552 31 3680 |
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Aerospace series - Pipe coupling 37°, spherical, in heat resisting steel - Straight nipples, welded end - 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. 10/15

Obsahuje: EN 4552:2015

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English Version

Aerospace series - Pipe coupling 37°, spherical, in heat resisting steel - Straight nipples, welded end - Inch series

Série aérospatiale - Système de raccordement sphérique 37°, en acier résistant à chaud - Mamelons droits à souder - Série inch

Luft- und Raumfahrt - Rohrverschraubung 37°, aus hochwarmfestem Stahl - Gerade Verschraubungen zum Anschweißen - Inch-Reihe

This European Standard was approved by CEN on 7 February 2015.

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Contents

| | Page |
|--|------|
| European foreword | 3 |
| 1 Scope | 4 |
| 2 Normative references | 4 |
| 3 Required characteristics | 4 |
| 4 Designation | 9 |
| 5 Marking | 9 |
| 6 Technical specification | 9 |
| Annex A (informative) Standard evolution form..... | 10 |

European foreword

This document (EN 4552:2015) 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of an identical text or by endorsement, at the latest by January 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

This document supersedes EN 4552:2003.

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 swivel nuts for inch series pipe couplings, 37°, in heat resisting steel, for aerospace applications.

Nominal pressure: Class D in accordance with ISO 6771.

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 3468, *Aerospace series — Steel FE-PA13 — Softened — $500 \leq R_m \leq 700$ MPa — Forgings — $D_e \leq 100$ mm*¹⁾

EN 3487, *Aerospace series — Steel FE-PA3601 (X6CrNiTi18-10) — Air melted — Softened — Bar for machining — a or $D \leq 250$ mm — 500 MPa $\leq R_m \leq 700$ MPa*

EN 4549, *Aerospace series — Pipe coupling, in heat resisting steel or in heat resisting nickel alloy — Coupling end, welded — Design configuration — Inch series*

EN 4550-1, *Aerospace series — Pipe coupling, 37° — Design configuration — Inch series — Part 1: Male sealing ends, spherical*

EN 4560, *Aerospace series — Pipe coupling 37°, spherical, up to 21 000 kPa — Inch series — Technical specification*

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

ISO 6771, *Aerospace — Fluid systems and components — Pressure and temperature classifications*

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¹⁾ Published as ASD-STAN Prestandard at the date of publication of this standard (<http://www.asd-stan.org/>).