

STN	Letectvo a kozmonautika. Rúrkové spojky zo žiaruvzdornej ocele alebo zo žiaruvzdornej zliatiny niklu. Privárané konce spojok. Konštrukčná úprava. Palcové rady.	STN EN 4549 31 3692
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Aerospace series - Pipe coupling, in heat resisting steel or in heat resisting nickel alloy - Coupling end, welded - Design configuration - 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. 10/14

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Oznámením tejto normy sa ruší
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EUROPEAN STANDARD

EN 4549

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2014

ICS 49.080

Supersedes EN 4549:2003

English Version

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

Série aérospatiale - Système de raccordement, en acier
résistant à chaud ou en alliage de nickel résistant à chaud -
Extrémités à souder - Configuration géométrique - Série
inch

Luft- und Raumfahrt - Rohrverschraubung, aus
hochwärmfestem Stahl oder aus hochwärmfester
Nickellegierung - Anschweißzapfen - Konstruktionsblatt -
Inch-Reihe

This European Standard was approved by CEN on 27 December 2013.

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



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Dimensions – Tolerances	6
4	Designation	8
Annex A (informative) Standard evolution form		9

Foreword

This document (EN 4549:2014) 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 October 2014, and conflicting national standards shall be withdrawn at the latest by October 2014.

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.

This document supersedes EN 4549:2003.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

The following dimensions and tolerances have been used on couplings, 37°, spherical, in FE-PA3601 (X6CrNiTi18) or in FE-CM3901 (X10CrNiNb18) material, welded on pipe in FE-PA3601 (X6CrNiTi18) material, or on couplings in NI-PH3601 (NiCr22MoNb) material, welded on pipe in NI-PH3601 (NiCr22MoNb) material, for aerospace applications with nominal pressure of class D in accordance with ISO 6771. They have to be confirmed for other materials or applications.

1 Scope

This European Standard defines the dimensions and tolerances for the weld end of fluid system components mating with pipe.

Both shall be:

- from inch series;
- of the same dimensional code;
- made of corrosion resistant steel or nickel alloy.

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.

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN