

English Version

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

Série aérospatiale - Système de raccordement 37° -
Configuration géométrique - Série inch - Partie 1: Extrémité
d'étanchéité mâles, sphériques

Luft- und Raumfahrt - Rohrverschraubungen 37° -
Konstruktionsblatt - Inch-Reihe - Teil 1:
Steckdichtungsenden mit Kugelbuchsen

This European Standard was approved by CEN on 11 November 2014.

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

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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Dimensions – Tolerances	4
4 Designation	5
Annex A (informative) Standard evolution form	6

Foreword

This document (EN 4550-1:2014) 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of an identical text or by endorsement, at the latest by June 2015, and conflicting national standards shall be withdrawn at the latest by June 2015.

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 4550-1:2003.

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.

1 Scope

This European Standard defines the dimensions and tolerances for the male sealing end of inch series pipe couplings, 37°, spherical, for aerospace applications.

Matched fluid system component shall have a female sealing end in accordance with EN 4550-4.

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 4550-4, *Aerospace series — Pipe coupling, 37° — Design configuration — Inch series — Part 4: Female sealing ends*

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

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