EESTI STANDARD EVS-EN 3868:2003

Aerospace series - Pipe couplings, loose flanges and seals - Seals in fluorocarbon rubber and armature in aluminium alloy

EESTI STANDARDIKESKUS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 3868:2003 sisaldab Euroopa standardi EN 3868:2003 ingliskeelset teksti.	This Estonian standard EVS-EN 3868:2003 consists of the English text of the European standard EN 3868:2003.
Standard on kinnitatud Eesti Standardikeskuse 18.02.2003 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 18.02.2003 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

ICS 49.080

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3868

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English version

Aerospace series - Pipe couplings, loose flanges and seals - Flange connectors, welded, in titanium alloy TI-P64001

This European Standard was approved by CEN on 2 June 2002.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

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

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Foreword

This document (EN 3868:2003) has been prepared by the European Association of Aerospace Manufacturers – Standardization (AECMA-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 AECMA, 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 2003, and conflicting national standards shall be withdrawn at the latest by July 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard specifies the characteristics of welded flanged connectors in titanium alloy TI-P64001 for aerospace applications.

NOTE: Assembly in accordance with TR 4053

2 Normative references

ISO 286-2 ISO system of limits and fits – Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts

EN 2000 Aerospace series Quality assurance – EN aerospace products – Approval of the quality system of manufacturers

EN 2424 Aerospace series – Marking of aerospace products

EN 2656 Aerospace series – Pipe couplings up to 56000 kPa – Fitting end, welded – Geometrical configuration [1)]

EN 3310 Aerospace series – Titanium alloy TI-P64001 – Not heat treated – Grade 2 forging stock, for annealed forgings – a or $D \leq 360$ mm [1)]

EN 3311 Aerospace series – Titanium alloy TI-P64001 – Annealed – Bar for machining – $D \leq 150$ mm [1)]

TR 4053 Aerospace series – Pipe couplings, loose flanges and seals in titanium alloy – Assembly recommendations [2)]

1) Published as AECMA Prestandard at the date of publication of this standard

2) Published as AECMA Technical Report at the date of publication of this standard