Aerospace series - Pipe coupling 8°30' - Thread end - Geometric configuration

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NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 3274:2010 sisaldab Euroopa standardi EN 3274:2010 ingliskeelset teksti.	This Estonian standard EVS-EN 3274:2010 consists of the English text of the European standard EN 3274:2010.
Standard on kinnitatud Eesti Standardikeskuse 31.10.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 31.10.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 13.10.2010.	Date of Availability of the European standard text 13.10.2010.
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English Version

Aerospace series - Pipe coupling 8°30' - Thread end - Geometric configuration

Série aérospatiale - Système de raccordement 8°30' - Extrémité de filetage - Configuration géométrique

Luft- und Raumfahrt - Rohrverschraubung 8°30' - Gewindeende - Konstruktionsblatt

This European Standard was approved by CEN on 30 July 2010.

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Foreword

This document (EN 3274:2010) 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of an identical text or by endorsement, at the latest by April 2011, and conflicting national standards shall be withdrawn at the latest by April 2011.

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1 Scope

This standard specifies the characteristics of the thread end for 8°30' pipe couplings, nominal pressure up to 28 000 kPa, for aerospace applications.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2491, *Aerospace series — Molybdenum disulphide dry lubricants — Coating methods*

ISO 5855-3, *Aerospace — MJ threads — Part 3: Limit dimensions for fittings for fluid systems*

ISO 8788, *Aerospace — Nuts, metric — Tolerances of form and position*

3 Required characteristics

3.1 Configuration – Dimensions

3.1.1 General

Dimensions are in millimetres.

Dimensions and tolerances apply before lubrication. Threads and sealing face shall be lubricated according to EN 2491.

3.1.2 Form B

According to Figure 1 and Table 1.

3.1.3 Forms C to L

According to Figures 2 to 10 and Tables 1 and 2.

3.2 Surface roughness

According to Figures 1 to 10.

The O-ring sealing groove shall not contain any radial tool marks.