

## **Aerospace series - Pipe coupling 8°30' - Protective caps with internal threads**

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caps with internal threads

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 3790:2002 sisaldab Euroopa standardi EN 3790:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.04.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 3790:2002 consists of the English text of the European standard EN 3790:2001.</p> <p>This document is endorsed on 19.04.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>This standard specifies the characteristics for plastic caps for pipe couplings 8°30' used to protect the couplings during transportation, storage and removal of units in system, for aerospace applications. The caps incorporate an internal thread for screwing on to the threaded portion of a pipe coupling.</p>	<p><b>Scope:</b></p> <p>This standard specifies the characteristics for plastic caps for pipe couplings 8°30' used to protect the couplings during transportation, storage and removal of units in system, for aerospace applications. The caps incorporate an internal thread for screwing on to the threaded portion of a pipe coupling.</p>
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ICS 49.080

**Võtmesõnad:** acceptance testing, limit deviations, marking, materials, measurement, metric, pipe couplings, pipe fittings, pipelines, plastics, protective caps, screwings, space transport, specification (approval), specifications, threads, tolerances, tolerances (measurement)

ICS 49.080

English version

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internal threads**

This European Standard was approved by CEN on 29 December 2000.

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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.

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

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## Foreword

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries 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 March 2002, and conflicting national standards shall be withdrawn at the latest by March 2002.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## 1 Scope

This standard specifies the characteristics for plastic caps for pipe couplings 8°30' used to protect the couplings during transportation, storage and removal of units in system, for aerospace applications. The caps incorporate an internal thread for screwing on to the threaded portion of a pipe coupling.

## 2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

ISO 2768-1	General tolerances – Part 1: Tolerances for linear and angular dimensions without individual tolerance indications
ISO 5855-3	Aerospace series – MJ threads – Part 3: Limit dimensions for fittings for fluid systems
EN 2424	Aerospace series – Marking of aerospace products

## 3 Required characteristics

### 3.1 Configuration – Dimensions

According to figure 1 and table 1

The dimensions not specified are at the manufacturer's option

### 3.2 Characteristics

The caps shall be without any visible contamination. Internal surfaces and threads shall be free from burrs.

The caps can be used for transportation/storage of oil-filled hydraulic components, at 0,1 MPa overpressure for 8 h without leakage.