

Aerospace series - Fitting end, 24° internal cone,  
external thread, flareless type - Extra fine thread pitch -  
Inch series - Design standard

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 6123:2016 sisaldab Euroopa standardi EN 6123:2016 ingliskeelset teksti.	This Estonian standard EVS-EN 6123:2016 consists of the English text of the European standard EN 6123:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 23.03.2016.	Date of Availability of the European standard is 23.03.2016.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile [standardiosakond@evs.ee](mailto:standardiosakond@evs.ee).

ICS 49.080

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English Version

**Aerospace series - Fitting end, 24° internal cone, external thread, flareless type - Extra fine thread pitch - Inch series - Design standard**

Série aérospatiale - Raccord, cône interne à 24°, filetage externe, de type sans épanoui - Filetage à pas extra fin - Série inch - Norme de conception

Luft- und Raumfahrt - Endstück, Innenkonus 24°, Außengewinde, nicht gebördelt - Extrafeingewindesteigung - Inch-Reihe - Konstruktionsnorm

This European Standard was approved by CEN on 27 September 2015.

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.

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

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## European foreword

This document (EN 6123:2016) 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 European 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 September 2016, and conflicting national standards shall be withdrawn at the latest by September 2016.

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.

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## 1 Scope

This European Standard specifies the dimensions, tolerances and the required characteristics of a fitting end, 24° cone, external thread, flareless type, size -04 up to -20 for use in hydraulic and fluid systems at 5 080 psi, diameter  $1/4 \text{ inch} \leq D \leq 1 1/4 \text{ inch}$  ( $6,35 \text{ mm} \leq D \leq 31,75 \text{ mm}$ ) for aerospace applications.

This is a design standard.

This fitting end cannot be used for plug in union.

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