

**Pipe threads where pressure-tight joints are
not made on the threads - Part 1:
Dimensions, tolerances and designation**

Pipe threads where pressure-tight joints are not
made on the threads - Part 1: Dimensions,
tolerances and designation

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 228-1:2003 sisaldab Euroopa standardi EN ISO 228-1:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 06.06.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 228-1:2003 consists of the English text of the European standard EN ISO 228-1:2003.</p> <p>This document is endorsed on 06.06.2003 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>Käsitlusala: This part of ISO 228 specifies the requirements for thread form, dimensions tolerances and designation for fastening pipe threads, thread sizes 1/16 to 6 inclusive</p>	<p>Scope: This part of ISO 228 specifies the requirements for thread form, dimensions tolerances and designation for fastening pipe threads, thread sizes 1/16 to 6 inclusive</p>
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ICS 21.040.30

Võtmesõnad: dimensiona, dimensions, g-series screw threads, joints, marking, measurement, pipe connector, pipe couplings, pipe fittings, pipe threads, screw threads, specification (approval), specifications, symbols, thread forms, threads, tolerances, tolerances (measurement)

English version

**Pipe threads where pressure-tight joints are not
made on the threads**

**Part 1: Dimensions, tolerances and designation
(ISO 228-1 : 2000)**

Filetages de tuyauterie pour raccorde-
ment sans étanchéité dans le filet –
Partie 1: Dimensions, tolérances et
désignation (ISO 228-1 : 2000)

Rohrgewinde für nicht im Gewinde
dichtende Verbindungen – Teil 1:
Maße, Toleranzen und Bezeichnung
(ISO 228-1 : 2000)

This European Standard was approved by CEN on 2002-11-15.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 228-1 : 2000 Pipe threads where pressure-tight joints are not made on the threads – Part 1: Dimensions, tolerances and designation,

which was prepared by ISO/TC 5 'Ferrous metal pipes and metallic fittings' of the International Organization for Standardization, has been adopted by Technical Committee ECISS/TC 29 'Steel tubes and fittings for steel tubes', the Secretariat of which is held by UNI, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by August 2003 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

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

Endorsement notice

The text of the International Standard ISO 228-1 : 2000 was approved by CEN as a European Standard without any modification.

1 Scope

This part of ISO 228 specifies the requirements for thread form, dimensions, tolerances and designation for fastening pipe threads, thread sizes 1/16 to 6 inclusive. Both internal and external threads are parallel threads, intended for the mechanical assembly of the component parts of fittings, cocks and valves, accessories, etc.

These threads are not suitable as jointing threads where a pressure-tight joint is made on the thread. If assemblies with such threads must be made pressure-tight, this should be effected by compressing two tightening surfaces outside the threads, and by interposing an appropriate seal.

NOTE 1 For pipe threads where pressure-tight joints are made on the threads, see ISO 7-1.

NOTE 2 ISO 228-2 gives details of methods for verification of fastening thread dimensions and form, and recommended gauging systems.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of ISO 228. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 228 are encouraged to investigate the possibility of applying the most recent editions of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 7-1:1994, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation.*