



SLOVENSKI STANDARD SIST EN ISO 228-1:2003

01-november-2003

Cevni navoji za zveze, ki ne tesnijo z navoji – 1. del: Mere, odstopki in oznake (ISO 228-1:2000)

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

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

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

<https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>

Ta slovenski standard je istoveten z: EN ISO 228-1:2003

ICS:

21.040.30 Posebni navoji Special screw threads

SIST EN ISO 228-1:2003 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 228-1:2003

<https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 228-1

February 2003

ICS 21.040.30

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 raccordement 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 15 November 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, Slovak Republic, Spain, Sweden, Switzerland and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>



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

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

EN ISO 228-1:2003 (E)**Foreword**

The text of ISO 228-1:2000 has been prepared by Technical Committee ISO/TC 5 "Ferrous metal pipes and metallic fittings" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 228-1:2003 by Technical Committee ECISS/TC 29 "Steel tubes and fittings for steel tubes", the secretariat of which is held by UNI.

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 August 2003, and conflicting national standards shall be withdrawn at the latest by August 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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
Endorsement notice

The text of ISO 228-1:2000 has been approved by CEN as EN ISO 228-1:2003 without any modifications. <https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>

INTERNATIONAL STANDARD

ISO
228-1

Fourth edition
2000-09-01

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

Part 1: Dimensions, tolerances and designation

*Filetages de tuyauterie pour raccordement sans étanchéité dans le filet —
Partie 1: Dimensions, tolérances et désignation*
(standards.iteh.ai)

[SIST EN ISO 228-1:2003](https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003)

<https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>



Reference number
ISO 228-1:2000(E)

© ISO 2000

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 228-1:2003](https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003)

<https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>

© ISO 2000

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
Web www.iso.ch

Printed in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 228 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 228-1 was prepared by Technical Committee ISO/TC 5, *Ferrous metal pipes and metallic fittings*, Subcommittee SC 5, *Threaded or plain end butt-welding fittings, threads, gauging of threads*.

This fourth edition cancels and replaces the third edition (ISO 228-1:1994), which has been technically revised.

ISO 228 consists of the following parts, under the general title *Pipe threads where pressure-tight joints are not made on the threads*:

- *Part 1: Dimensions, tolerances and designation*
SIST EN ISO 228-1:2003
<https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>
- *Part 2: Verification by means of limit gauges*

Annex A of this part of ISO 228 is for information only.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 228-1:2003

<https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>

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

Part 1: Dimensions, tolerances and designation

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.
<https://standards.iteh.ai/catalog/standards/sist/4b4b1bb7-6c1d-4c5b-ab6a-442d77346d46/sist-en-iso-228-1-2003>

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.*