

Pipes threads where pressure tight joint are made on the threads - Part 3: Verification by means of limit gauges

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gauges

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 10226-3:2005 sisaldab Euroopa standardi EN 10226-3:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 28.04.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 10226-3:2005 consists of the English text of the European standard EN 10226-3:2005.</p> <p>This document is endorsed on 28.04.2005 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:</p> <p>This part of EN 10226 specifies a process using limit gauges, for the validation of taper internal and external threads and parallel internal threads on piping systems components and other products, the dimensions and tolerances of which are detailed in EN 10226-1 and prEN 10226-2.</p>	<p>Scope:</p> <p>This part of EN 10226 specifies a process using limit gauges, for the validation of taper internal and external threads and parallel internal threads on piping systems components and other products, the dimensions and tolerances of which are detailed in EN 10226-1 and prEN 10226-2.</p>
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English version

Pipes threads where pressure tight joint are made on the threads - Part 3: Verification by means of limit gauges

Filetage de tuyauteries pour raccordement avec étanchéité
par le filetage - Partie 3: Vérification par calibres à limites

Rohrgewinde für im Gewinde dichtende Verbindungen - Teil
3: Prüfung mit Grenzlehren

This European Standard was approved by CEN on 22 December 2004.

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Contents

	page
Foreword.....	3
1 Scope	4
2 Normative reference	4
3 Terms and definitions	4
4 Symbols	5
5 Design of gauges	6
5.1 General.....	6
5.2 Taper full form threaded plug gauges (gauges No. 1 and No. 2).....	7
5.3 Parallel full form threaded ring gauge (gauge No. 3).....	11
5.4 Taper plain ring gauge (gauge No. 4)	13
5.5 Taper modified thread form check plug gauge (gauge No. 5)	14
5.6 Parallel modified thread form check ring gauge (gauge No. 6)	16
6 Use of gauges and checking of pipe threads	18
6.1 General.....	18
6.2 Checking of internal taper (Rc) and internal parallel (Rp) threads.....	19
6.3 Checking of external taper (R) threads.....	20
7 Gauge dimensions and manufacturing tolerances, checking of new gauges and checking gauges for wear	21
7.1 Gauge dimensions and manufacturing tolerances	21
7.2 Checking of new gauges.....	28
7.3 Checking gauges for wear	31
7.4 Marking of gauges	33
Annex A (normative) Summary of gauges	34

Foreword

This document (EN 10226:2005) has been prepared by 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 2005, and conflicting national standards shall be withdrawn at the latest by August 2005.

This document is based, with editorial modification, on ISO 7-2: *Pipe threads where pressure-tight joints are made on the threads – Part 2: Verification by means of limit gauges*.

EN 10226 consists of the following parts, under the general title *Pipe threads where pressure-tight joints are made on the threads*:

- *Part 1: Taper external threads and parallel internal threads - Dimensions, tolerances and designation*
- *Part 2: Taper external threads and taper internal threads - Dimensions, tolerances and designation*
- *Part 3: Verification by means of limit gauges*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This document specifies a process using limit gauges, for the validation of taper internal and external threads and parallel internal threads on piping systems components and other products, the dimensions and tolerances of which are detailed in EN 10226-1 and prEN 10226-2.

The gauging system described may not be suitable, without special precautions, for gauging of threads on injection moulded plastic workpieces.

This document does not cover completely all the requirements necessary for full control of thread quality and dimensions. Additional control of tools and equipment and visual inspection during production are required to ensure complete compliance with EN 10226-1 and prEN 10226-2, for example the length of useful thread on internally threaded workpieces should be checked by direct measurement.

Annex A gives a summary of the gauges included in this document, together with details of the thread elements controlled by each gauge and gauge identification numbers.

In the event of a dispute over compliance with the requirements of EN 10226-1 and prEN 10226-2, the gauges in this document are to be considered as decisive for the thread elements which they control on the workpiece.

2 Normative reference

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 10226-1:2004, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Taper external threads and parallel internal threads — Dimensions, tolerances and designation.*

prEN 10226-2:2002, *Pipe threads where pressure-tight joints are made on the threads — Part 2: Taper external threads and taper internal threads — Dimensions, tolerances and designation.*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 10226-1:2004 and prEN 10226-2:2002 and the following apply.

accommodation length

distance from the face of an internally threaded workpiece to the first obstruction which the externally threaded workpiece will encounter on assembly.

See Figure 3