

Steel threaded pipe fittings

Steel threaded pipe fittings

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 10241:2000 sisaldab Euroopa standardi EN 10241:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 12.09.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 10241:2000 consists of the English text of the European standard EN 10241:2000.</p> <p>This document is endorsed on 12.09.2000 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>
--	---

<p>Käsitlusala: This standard specifies requirements for threaded fittings of nominal sizes from DN 6 to DN 150 inclusive, made out of welded or seamless steel tubes, forging and rolled bars. It is applicable to those threaded steel pipe fittings that are used in the transportation and distribution of liquid or gas.</p>	<p>Scope: This standard specifies requirements for threaded fittings of nominal sizes from DN 6 to DN 150 inclusive, made out of welded or seamless steel tubes, forging and rolled bars. It is applicable to those threaded steel pipe fittings that are used in the transportation and distribution of liquid or gas.</p>
--	--

ICS 23.040.40

Võtmesõnad:

Hinnagrupp P

ICS 23.040.40

English version

Steel threaded pipe fittings

Raccords filetés en acier

Stahlfittings mit Gewinde

This European Standard was approved by CEN on 2000-29-03.

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

CEN

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

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Contents

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions.....	4
4 Designation.....	5
5 Information to be supplied by the purchaser.....	5
5.1 Mandatory information	5
5.2 Options.....	5
6 Technical requirements.....	6
6.1 Fitting manufacture	6
6.2 Surface condition.....	6
6.3 Material.....	6
6.3.1 Chemical composition.....	6
6.3.2 Mechanical properties	6
6.4 Threads	7
7 Dimensions and tolerances	7
7.1 Dimensions.....	7
7.2 Tolerances	7
7.2.1 Tolerances on length of fitting	7
7.2.2 Tolerances on diameters.....	8
7.2.3 Tolerance on threads.....	8
8 Protection	8
8.1 General.....	8
8.2 Zinc protective coating.....	8
8.2.1 Hot dip zinc galvanizing	8
8.2.2 Electro zinc plating	8
8.2.3 Zinc flake.....	8
9 Inspection and testing.....	8
9.1 Leaktightness test	8
9.1.1 Hydrostatic test.....	8
9.1.2 Air test.....	9
9.2 Inspection of threads.....	9
9.2.1 Inspection method.....	9
9.2.2 Thread electro zinc plating	9
10 Marking	9
11 Packaging	9
12 Inspection documents.....	9
Annex A (informative) Thread designation and nominal size	31

Foreword

This European Standard has been prepared 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 October 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

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.

This document is a preview generated by EVS

1 Scope

This European standard specifies requirements for threaded fittings of nominal sizes from DN 6 to DN 150 inclusive, made out of welded or seamless steel tubes, forging and rolled bars. It is applicable to those threaded steel pipe fittings that are used in the transportation and distribution of liquid or gas.

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 amendments or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

EN 10204, *Metallic products - Types of inspection documents.*

EN ISO 6708, *Pipework components - Definition and selection of DN (nominal size) (ISO 6708:1995)*

ISO 7-1¹⁾, *Pipe threads where pressure-tight joints are made on the threads - Part 1: Dimensions, tolerances and designation.*

ISO 7-2¹⁾, *Pipe threads where pressure-tight joints are made on the threads - Part 2: Verification by means of limit gauges.*

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

ISO 228-2, *Pipe threads where pressure-tight joints are not made on the threads - Part 2: Verification by means of limit gauges.*

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions apply :

3.1

nominal size (DN)

DN : as defined in EN ISO 6708

NOTE The comparison between the thread size designation and the nominal size (DN) is given in table A.1 for information only.

3.2

seamless fitting

Fitting manufactured from seamless tube, forging or rolled bar

3.3

fabricated fitting

Fitting manufactured either from a welded tube or where the welding forms part of the fabrication of the fitting

3.4

tubular

Fitting manufactured from medium or heavy pipe as defined in table 6. These fittings are defined in tables 21 to 24

¹⁾ European standards are under development (series EN 10226). When published, they may be agreed at the time of enquiry and/or order.