

SLOVENSKI STANDARD
SIST EN ISO 15245-1:2002

01-maj-2002

D]bg_Y`Y`Yb_Y!`7]j]bXf] b]`bUj c]`nUdf]_`1 j]j]`j Yb]`cj `bU`Y`Yb_Y!`%`XY.
 GdYWZ_UM`Uf]GC`% &() !%&\$`\$%L

Gas cylinders - Parallel threads for connection of valves to gas cylinders - Part 1:
 Specification (ISO 15245-1:2001)

Ortsbewegliche Gasflaschen - Zylindrische Gewinde für den Anschluss von Ventilen an
 Gasflaschen - Teil 1: Spezifikation (ISO 15245-1:2001)

Bouteilles a gaz - Filetages paralleles pour le raccordement des robinets sur les
 bouteilles a gaz - Partie 1: Spécifications (ISO 15245-1:2001)

<https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>

Ta slovenski standard je istoveten z: EN ISO 15245-1:2001

ICS:

21.040.30	Posebni navoji	Special screw threads
23.020.30	V æ } ^Á [• [å^É] ã • \ ^ b\ ^ } \ ^	Pressure vessels, gas cylinders

SIST EN ISO 15245-1:2002

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 15245-1:2002](#)

<https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 15245-1

October 2001

ICS 23.020.30

English version

Gas cylinders - Parallel threads for connection of valves to gas cylinders - Part 1: Specification (ISO 15245-1:2001)

Bouteilles à gaz - Filetages parallèles pour le raccordement des robinets sur les bouteilles à gaz - Partie 1: Spécifications (ISO 15245-1:2001)

Ortsbewegliche Gasflaschen - Zylindrische Gewinde für den Anschluss von Ventilen an Gasflaschen - Teil 1: Spezifikation (ISO 15245-1:2001)

This European Standard was approved by CEN on 5 October 2001.

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

[SIST EN ISO 15245-1:2002](https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002)

<https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>



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

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

EN ISO 15245-1:2001 (E)

CORRECTED 2002-10-09

Foreword

This document (EN ISO 15245-1:2001) has been prepared by Technical Committee ISO/TC 58 "Gas cylinders" in collaboration with Technical Committee CEN/TC 23 "Transportable gas cylinders", the secretariat of which is held by BSI.

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 April 2002, and conflicting national standards shall be withdrawn at the latest by April 2002.

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.

Endorsement notice

The text of ISO 15245-1:2001 has been approved by CEN as EN ISO 15245-1:2001 without any modifications.

(standards.iteh.ai)

NOTE Normative references to International Standards are listed in Annex ZA (normative).

[SIST EN ISO 15245-1:2002](https://standards.iteh.ai/catalog/standards/sist/df4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002)

<https://standards.iteh.ai/catalog/standards/sist/df4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>

Annex ZA (normative)

Normative references to international publications with their relevant European publications

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

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 286-1	1988	ISO system of limits and fits - Part 1: Bases of tolerances, deviations and fits	EN 20286-1	1993
ISO 11114-2	2000	Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 2: Non-metallic materials	EN ISO 11114-2	2000

<https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 15245-1:2002](#)

<https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>

INTERNATIONAL STANDARD

ISO
15245-1

First edition
2001-10-15

Gas cylinders — Parallel threads for connection of valves to gas cylinders —

Part 1: Specification

*Bouteilles à gaz — Filetages parallèles pour le raccordement des robinets
sur les bouteilles à gaz —
Partie 1: Spécifications*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 15245-1:2002](https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002)

<https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>



Reference number
ISO 15245-1:2001(E)

© ISO 2001

ISO 15245-1:2001(E)**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 15245-1:2002](https://standards.iteh.ai/catalog/standards/sist/d44b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002)

<https://standards.iteh.ai/catalog/standards/sist/d44b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>

© ISO 2001

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

Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions.....	2
4 Requirements	3
4.1 Thread rotation.....	3
4.2 Thread profile	4
4.3 Pitch	4
4.4 Thread dimensions	6
5 Thread end finish	6
6 Identification.....	6
Bibliography	8

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 15245-1:2002](https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002)

<https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>

ISO 15245-1:2001(E)**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 15245 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 15245-1 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *Cylinder fittings*.

ISO 15245 consists of the following parts, under the general title *Gas cylinders – Parallel threads for connection of valves to gas cylinders*:

- *Part 1: Specification*
- *Part 2: Gauge inspection*

TC1 STANDARD PREVIEW
(standards.iteh.ai)
[SIST EN ISO 15245-1:2002
https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002](https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002)

Introduction

Cylinders intended to contain compressed, liquefied or dissolved gas under pressure are fitted with accessories (valves, straight or angle fittings) to allow release of and refilling with gas. Hereinafter, the term “valve” applies to such accessories.

The connection between cylinder and valve is obtained by the assembly of two parallel threads with the same nominal pitch and thread profile – an external one on the valve stem and an internal one in the cylinder neck – and an “O” ring seal.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 15245-1:2002](https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002)

<https://standards.iteh.ai/catalog/standards/sist/d4b943e-04d5-43e3-8e4f-c86230a0d023/sist-en-iso-15245-1-2002>