
**Plinske jeklenke - Konični navojni priključek 17E za ventile plinskih jeklenk - 2. del:
Kalibri za kontrolo (ISO 11116-2:1999)**

Gas cylinders - 17E taper thread for connection of valves to gas cylinders - Part 2:
Inspection gauges (ISO 11116-2:1999)

Ortsbewegliche Gasflaschen - Gasflaschen - 17E kegeliges Gewinde zum Anschluß von
Ventilen an Gasflaschen - Teil 2: Prüflöhren (ISO 11116-2:1999)

Bouteilles a gaz - Filetage conique 17E pour le raccordement des robinets sur les
bouteilles a gaz - Partie 2: Calibres de vérification (ISO 11116-2:1999)

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EN ISO 11116-2

June 1999

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English version

Gas cylinders - 17E taper thread for connection of valves to gas
cylinders - Part 2: Inspection gauges (ISO 11116-2:1999)

Bouteilles à gaz - Filetage conique 17E pour le
raccordement des robinets sur les bouteilles à gaz - Partie
2: Calibres de vérification (ISO 11116-2:1999)

Ortsbewegliche Gasflaschen - Gasflaschen - 17E kegeliges
Gewinde zum Anschluß von Ventilen an Gasflaschen - Teil
2: Prüflehren (ISO 11116-2:1999)

This European Standard was approved by CEN on 16 April 1999.

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.

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 Central Secretariat 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.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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

Page 2
EN ISO 11116-2:1999

Foreword

The text of the International Standard from Technical Committee ISO/TC 58 "Gas cylinders" of the International Organization for Standardization (ISO) has been taken over as an European Standard by 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 December 1999, and conflicting national standards shall be withdrawn at the latest by December 1999.

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 the International Standard ISO 11116-2:1999 has been approved by CEN as a European Standard without any modification.

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INTERNATIONAL
STANDARD

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11116-2

First edition
1999-04-01

**Gas cylinders — 17E taper thread for
connection of valves to gas cylinders —
Part 2:
Inspection gauges**

*Bouteilles à gaz — Filetages coniques 17E pour le raccordement des
robinets sur les bouteilles à gaz —
(Partie 2: Calibres de vérification)*

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Contents	Page
1 Scope	1
2 Terms and definitions	1
3 Requirements	1
3.1 Materials	1
3.2 Thread profile	2
3.3 Thread rotation.....	3
3.4 Taper	3
3.5 Thread profile	3
3.6 Pitch, <i>P</i>	3
4 Gauge dimensions.....	3
5 Inspection gauges	4
5.1 Cylinder neck thread	4
5.2 Valve stem thread	5
5.3 Check gauges.....	7
6 Use of inspection gauges	7
6.1 Plain gauges.....	7
6.2 Threaded gauges	7
6.3 Accept or reject criteria, using plug gauges.....	7
6.4 Accept or reject criteria, using ring gauges.....	7
7 Verification of inspection gauges	10
7.1 General.....	10
7.2 Plug gauges.....	10

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7.3 Ring gauges	10
7.4 Use of check gauges	10
8 Identification	10
8.1 Inspection gauges	10
8.2 Check gauges	11
Annex A (informative) Examples of calculation for thread gauge dimensions on the large end diameter	12
Annex B (informative) Limitations of gauging system	13

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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.

International Standard ISO 11116-2 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC2, *Cylinder fittings*.

ISO 11116 consists of the following parts, under the general title *Gas cylinders — 17E taper thread for connection of valves to gas cylinders*:

— *Part 1: Specification*

— *Part 2: Inspection gauges*

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Annexes A and B of this part of ISO 11116 are for information only.

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Introduction

This part of ISO 11116 belongs to a series of standards specifying thread dimensions and gauge requirements.

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Gas cylinders — 17E taper thread for connection of valves to gas cylinders —

Part 2: Inspection gauges

1 Scope

This part of ISO 11116 specifies types, dimensions and principles of the use of gauges, to be used in conjunction with the taper thread specified in ISO 11116-2.

Annex A provides examples of calculations for thread gauge dimensions on the large end diameter.

Annex B draws attention to the limitations of the gauging system specified.

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2 Terms and definitions

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For the purposes of this part of ISO 11116 the following terms and definitions apply.

2.1

inspection gauge

gauge used for the routine gauging of cylinder neck and valve stem threads, but not used for checking other gauges

2.2

check gauge

gauge for checking dimensional conformity of inspection ring gauges, but not for gauging cylinder neck threads

2.3

single part gauge

gauge, plug or ring, plain or threaded of sufficient length to contact the full length of taper thread

2.4

two-part gauges

two separate inspection gauges, plug or ring, plain or threaded used in combination, where one is used to contact the large end of the taper cone and the other the small end

3 Requirements

3.1 Materials

All gauges shall be manufactured from material of suitable strength, stability and hardness.