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

**Part 1:
Specification**

*Bouteilles à gaz — Filetages coniques 17E pour le raccordement des
robinets sur les bouteilles à gaz —*

Partie 1: Spécifications



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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 11116-1 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 2, *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*

Introduction

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

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" will apply to such accessories.

The connection, between cylinder and valve, is obtained by assembly of two taper threads, an external one on the valve stem and an internal one in the cylinder neck, each having the same nominal taper, pitch and thread profile.