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**Glass containers — Standard tolerances  
for bottles**

*Réipients en verre — Tolérances standards pour bouteilles*



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## Foreword

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The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9058 was prepared by Technical Committee ISO/TC 63, *Glass containers*.

This second edition cancels and replaces the first edition (ISO 9058:1992), which has been technically revised.

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# Glass containers — Standard tolerances for bottles

## 1 Scope

This International Standard specifies tolerances for glass bottles of circular cross-section and nominal capacity from 50 ml to 5 000 ml.

NOTE This International Standard is based on CE.T.I.E [Centre technique international de l'embouteillage et du conditionnement (International Technical Centre for Bottling and Packaging), 112-114, rue La Boétie, 75008 Paris, France, <http://www.cetie.org>] data sheet DT 2 (1996) and EC Council Directive 75/107/EEC.

## 2 Normative references

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.

ISO 7348:1992, *Glass containers — Manufacture — Vocabulary*

ISO 9009:1991, *Glass containers — Height and non-parallelism of finish with reference to container base — Test methods*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 7348 and ISO 9009 and the following apply.

### 3.1

#### leading body diameter

greatest horizontal cross-sectional dimension of a container

## 4 Tolerances

### 4.1 Capacity tolerance

The actual capacity error (tolerance) shall be in accordance with the values specified in Table 1.

Table 1 — Capacity tolerances

Nominal capacity, $V_n$ ml	Maximum permissible error of the actual capacity	
	% of $V_n$	ml
$50 < V_n \leq 100$		3
$100 < V_n \leq 200$	3	
$200 < V_n \leq 300$		6
$300 < V_n \leq 500$	2	
$500 < V_n \leq 1\ 000$		10
$1\ 000 < V_n \leq 5\ 000$	1	