

# INTERNATIONAL STANDARD

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## Cylindrical cork stoppers— Dimensional characteristics, sampling, packaging and marking

*Bouchons cylindriques en liège — Caractéristiques dimensionnelles,  
échantillonnage, emballage et marquage*

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Reference number  
ISO 3863 : 1989 (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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 3863 was prepared by Technical Committee ISO/TC 87, *Cork*.

This second edition cancels and replaces the first edition (ISO 3863 : 1980), which has been technically revised.

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# Cylindrical cork stoppers — Dimensional characteristics, sampling, packaging and marking

## 1 Scope

This International Standard specifies the dimensional characteristics, as well as the method of sampling, packaging and marking, of cylindrical cork stoppers.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2569 : 1985, *Cork stoppers — Types and general characteristics*.

ISO 4707 : 1981, *Cork — Stoppers — Sampling for inspection of dimensional characteristics*.

## 3 Definitions

For the purposes of this International Standard, the definitions in ISO 2569 apply.

## 4 Sampling

See ISO 4707.

## 5 Designation

Cylindrical cork stoppers shall be designated by the words "cylindrical cork stoppers" followed by the figures which correspond to their length and diameter, in millimetres, separated by a cross.

*Example:*

Cylindrical cork stoppers 38 × 24.

## 6 Tolerances

The tolerances on nominal dimensions allowed for cylindrical stoppers are as follows:

- length,  $l$  :  $\pm 0,5$  mm;
- diameter,  $d$  :  $\pm 0,4$  mm.

Cylindrical cork stoppers shall have a circular cross-section.

Nevertheless, a maximum difference of 0,5 mm may be accepted between two measurements obtained in perpendicular directions.

## 7 Testing

Condition the stoppers for a period of 24 h in an atmosphere at  $20^{\circ}\text{C} \pm 2^{\circ}\text{C}$  and a relative humidity of  $(65 \pm 5)\%$ , then measure at midlength the diameter both in the direction of vein growth and in the direction perpendicular to it.

Take the arithmetic mean of these two measurements.

## 8 Packaging

The cork stoppers shall be packaged in bales, bags or cartons and shall not be compressed.

All the stoppers in any one package shall have the same shape and dimensional characteristics.

## 9 Marking

The package or the label shall show:

- a) the coded name or the brand of the manufacturer, and the country of origin;
- b) the coded initials of the buyer and the country or place of destination;
- c) the number of stoppers and the corresponding symbols in accordance with clause 5;
- d) the gross mass.