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# International Standard



# 3863

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## Cork — Cylindrical stoppers — Dimensional characteristics

*Liège — Bouchons cylindriques — Caractéristiques dimensionnelles*

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Descriptors : cork, stoppers, geometrical characteristics, dimensions, dimensional tolerances, tests, packages, designation.

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

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.

International Standard ISO 3863 was developed by Technical Committee ISO/TC 87, *Cork*, and was circulated to the member bodies in October 1979.

It has been approved by the member bodies of the following countries :

Australia	Iran	South Africa, Rep. of
Chile	Italy	United Kingdom
Ethiopia	Libyan Arab Jamahiriya	USSR
France	Portugal	
Hungary	Romania	

The member body of the following country expressed disapproval of the document on technical grounds :

Germany, F. R.

# Cork — Cylindrical stoppers — Dimensional characteristics

## 1 Scope and field of application

This International Standard specifies the dimensional characteristics of cylindrical cork stoppers.

## 2 Definition

**cylindrical cork stopper** : A stopper which has the shape of a cylinder generated by rotating a rectangle round one of its parallel sides.

## 3 Dimensional characteristics

The dimensional characteristics of cylindrical stoppers are shown in the following table.

Table

Length, <i>l</i> mm	Nominal diameter, <i>d</i> , mm									
	32	31	30	26	25	24	23	22	21	20
54	X	X	X			X				
49	X	X	X			X	X			
45	X	X	X	X	X	X	X			
38			X	X	X	X	X	X		
33						X	X	X	X	
27						X	X	X	X	X

## 4 Tolerances

The tolerances allowed for cylindrical stoppers are as follows :

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

## 5 Test

Condition the stoppers for a period of 24 h in an atmosphere at  $20 \pm 2$  °C and a relative humidity of  $65 \pm 5$  %, then measure, at mid-length, the diameter both in the direction of vein growth and in the direction perpendicular to it. Take the arithmetic mean of these two measurements.

The two measurements may only differ by 0,25 mm max.

## 6 Packing

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

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

## 7 Designation

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

**Example** : Cylindrical cork stoppers 38 × 24.