

SLOVENSKI STANDARD

SIST EN 12726:2018

01-december-2018

Nadomešča:
SIST EN 12726:2001

Embalaža - Grlo za plutovinaste zamaške z notranjim premerom 18,5 mm in za tulce, varne pred posegom

Packaging - Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules

Packmittel - Bandmundstück mit einem Eingangsdurchmesser von 18,5 mm für Naturkorken und Kapseln als Originalitätssicherung

Emballage - Bague plate unique ayant un diamètre d'entrée de 18,5 mm pour bouchage liège et capsule témoin d'effraction

Ta slovenski standard je istoveten z: EN 12726:2018

ICS:

55.100 Steklenice. Lonci. Kozarci Bottles. Pots. Jars

SIST EN 12726:2018

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 12726

October 2018

ICS 55.100

Supersedes EN 12726:2000

English Version

Packaging - Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules

Emballage - Bague plate ayant un diamètre d'entrée de 18,5 mm pour bouchage liège et capsule témoin d'effraction

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This European Standard was approved by CEN on 27 May 2018.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 12726:2018) has been prepared by Technical Committee CEN/TC 261 “Packaging”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by April 2019, and conflicting national standards shall be withdrawn at the latest by April 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12726:2000.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Introduction

This document is based on Cetie (International Technical Center for Bottling and related Packaging) data sheet GME 50.1 (1992).

Efficient packaging is of great importance for the distribution and the protection of goods. Insufficient or inappropriate packaging can lead to damage or wastage of the contents of the pack.

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1 Scope

This European Standard specifies the dimensions of a cork mouth finish for corks and capsules for glass bottles, for wine that has a carbonation pressure not exceeding 1,2 g CO₂/l, for use with natural corks.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 22768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications* (ISO 2768-1:1989)

ISO 3863, *Cylindrical cork stoppers — Dimensional characteristics, sampling, packaging and marking*

3 Terms and definitions

For the purposes of this document, the following term and definition applies.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

through bore

maximum diameter of a round rod able to penetrate vertically into the body of the bottle

[SIST EN 12726:2018](https://standards.iteh.ai/catalog/standards/sist/6a59a089-bef8-4dbb-8e7e-f23740a67413/sist-en-12726-2018)

4 Dimensions

<https://standards.iteh.ai/catalog/standards/sist/6a59a089-bef8-4dbb-8e7e-f23740a67413/sist-en-12726-2018>

4.1 The dimensions of the finish shall be as shown in Figure 1.

4.2 Details which are not specified shall be selected in accordance with the application. For linear and angular dimensions, see EN 22768-1. Detail X see Figure 2.

4.3 Since the performance of an appropriate packaging depends on the combination of several parameters, the nominal dimensions of the cork stoppers to be used with this finish design shall be in accordance with ISO 3863.

Experience shows that because several parameters are involved advice should be taken from cork suppliers.

5 Requirements

See Figure 1.

5.1 d_1 : The diameter of the entry bore is the internal diameter approximately 3 mm below the top of the finish.

5.2 The ovality of the entry bore shall not exceed 0,5 mm.

5.3 d_2 : The minimum average diameter shall be according to Formula (1).

$$d_2 = \frac{\text{actual measured diameter min} + \text{actual measured diameter max}}{2} \geq 28,3 \text{ mm} \quad (1)$$

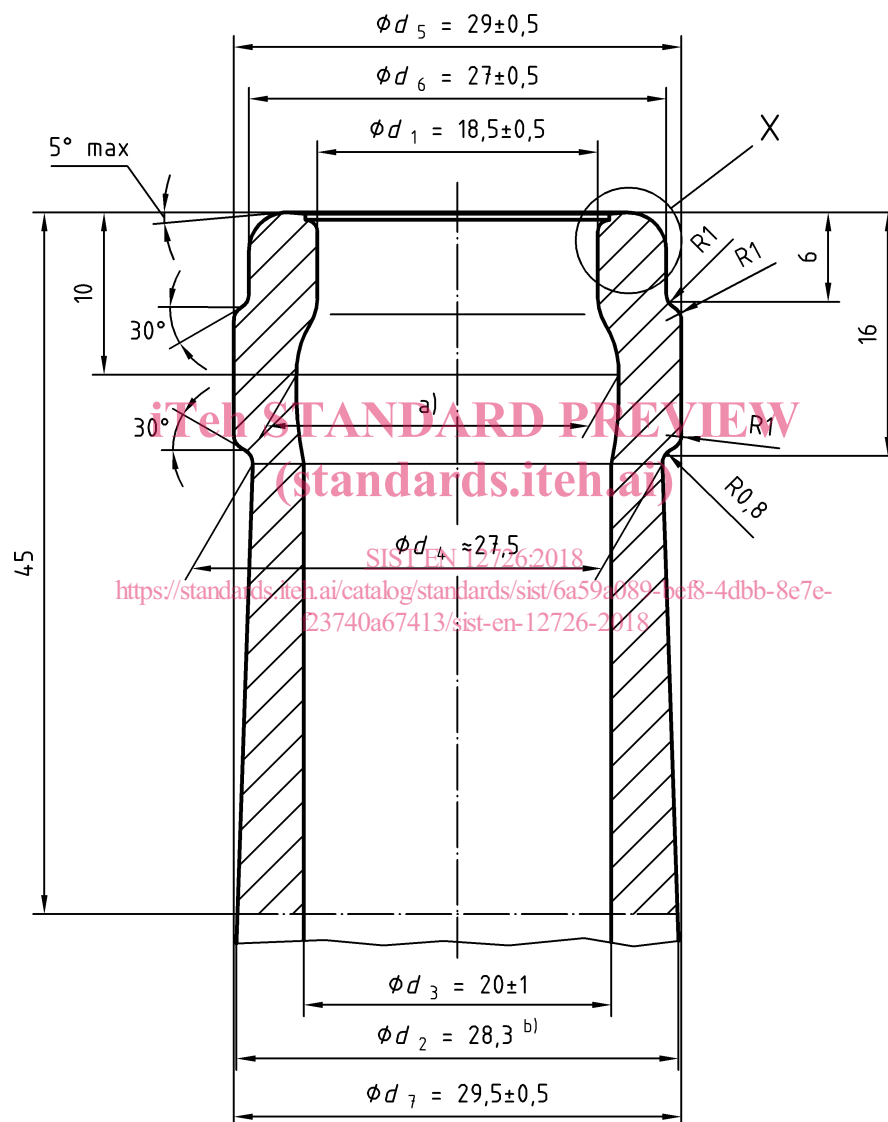
5.4 d_4 : Diameter is an approximate dimension to suit the glass manufacturers.

5.5 The mean internal diameter (a) (see Figure 1) shall not be more than 1 mm greater than the mean entry bore.

5.6 For good performance of the closure, the mean diameter of the internal profile between d_1 and d_3 shall not be less than the measured mean entry bore minus 0,2 mm.

5.7 The through bore shall be at least 17,5 mm, which allows a filling tube up to 16 mm in diameter to be used.

Dimensions in millimetres



Key

a) mean internal diameter

b) NOTE: see 5.3

Figure 1 — Cork mouth finish 18,5