

# Glass packaging — 26 H 180 crown finish — Dimensions

ICS 55.100

## National foreword

This British Standard is the UK implementation of EN 14634:2010. It supersedes BS EN 14634:2006 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PKW/0/-/7, Packaging - Glass.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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### Amendments/corrigenda issued since publication

Date	Comments

English Version

**Glass packaging - 26 H 180 crown finish - Dimensions**Emballage en verre - Bague couronne 26 H 180 -  
DimensionsVerpackungen aus Glas - Kronenmundstück 26 H 180 -  
Maße

This European Standard was approved by CEN on 5 May 2010.

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## Foreword

This document (EN 14634:2010) 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of an identical text or by endorsement, at the latest by December 2010, and conflicting national standards shall be withdrawn at the latest by December 2010.

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

This document supersedes EN 14634:2004.

The main technical change from the previous edition is the introduction of a new figure related to the Point "P".

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## **Introduction**

This document is based on CE.T.I.E. (International Technical Centre for Bottling and related Packaging) data sheet GME 13.01 Revision 1 (2007) [1].

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.

## 1 Scope

This European Standard specifies the dimensions of the 26 mm tall crown finish for glass bottles containing beverages. The tall crown finish is designed to use a metal crown closure (see CE.T.I.E. data sheet EC1-02 revision 1 [2]).

## 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 9058, *Glass containers — Standard tolerances for bottles*

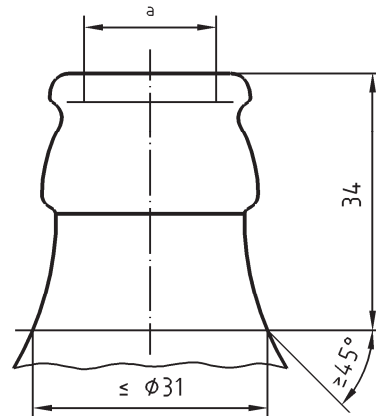
## 3 Dimensions

The design and dimensions of the finish shall be as shown in Figures 1, 2, 3, 4 and 5.

Details which are not specified shall be selected in accordance with the application.

For general tolerances see ISO 9058.

Dimensions in millimetres



minimum through bore  $\varnothing$  15,5

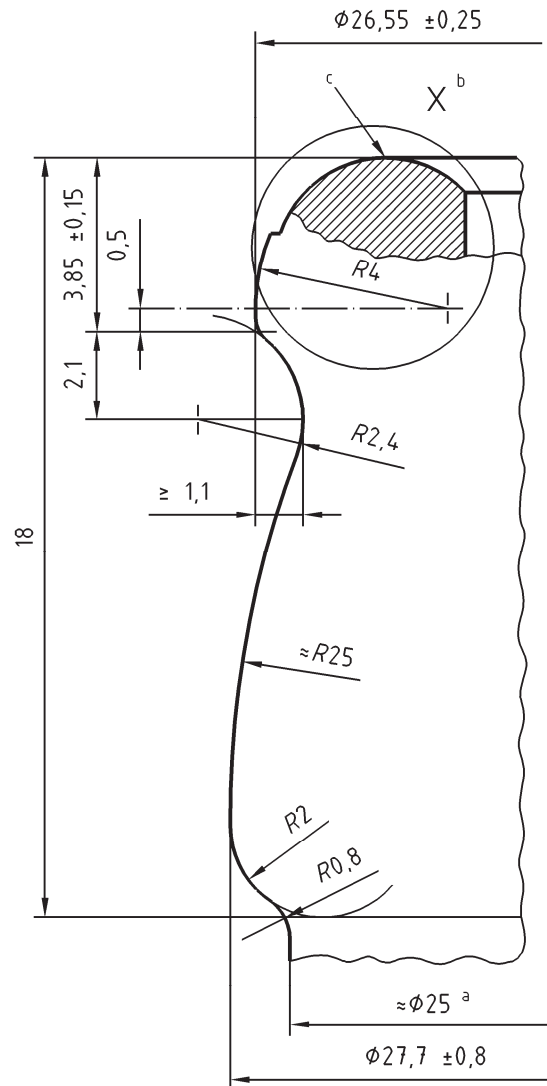
### Key

a  $\varnothing$  between 18,0 max and 16,5 min measured at 3 mm max down from the top

**Figure 1 — Shoulder and bore dimensions**

A controlled bore of 16,6 to 15,6 measured between 1,5 and 3,0 from the top is recommended for bottles which are to be resealed and/or for sterilisation.

Dimensions in millimetres



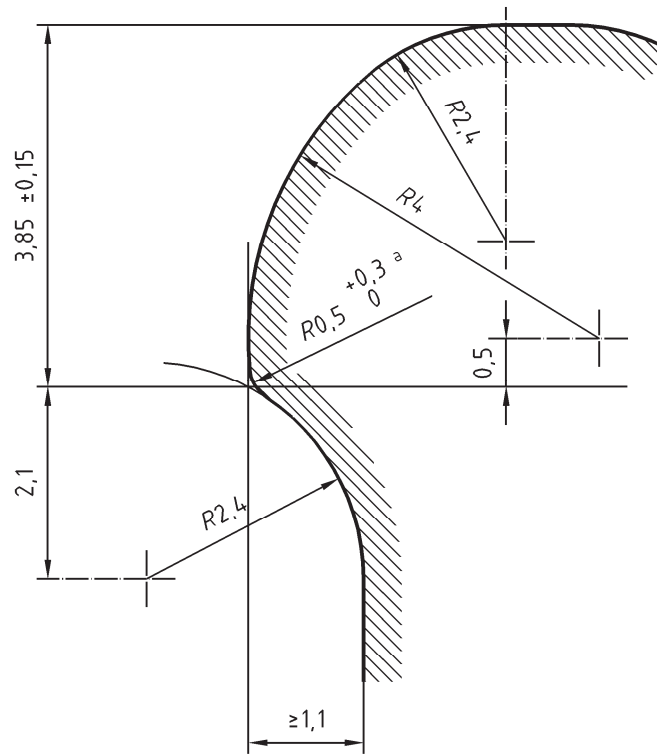
**Key**

- a Nominal diameter to suit glass manufacturer.
- b Detail X: see Figures 4 and 5
- c Top of the finish

**Figure 2 — Profile of the finish**



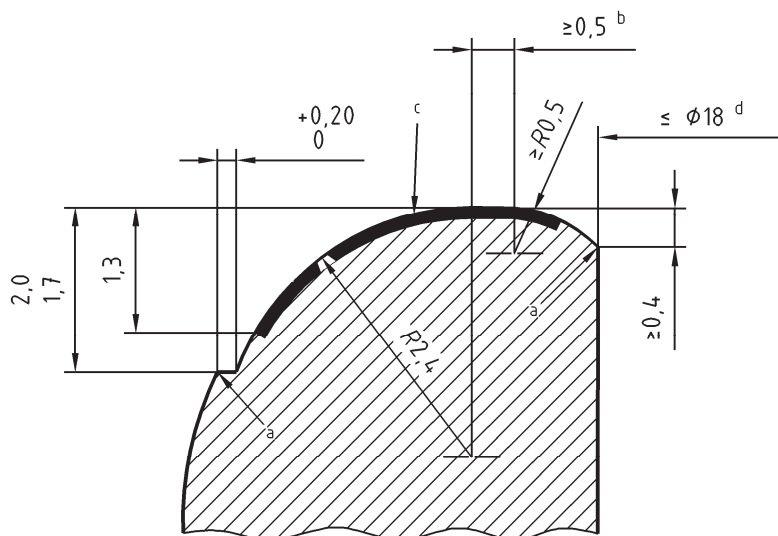
Dimensions in millimetres



**Key**

a For optimum performance, the radius should lie between 0,5 and 0,8 excluding the vertical mould joint, and be as near as possible to 0,5.

**Figure 3 — Point "P"**



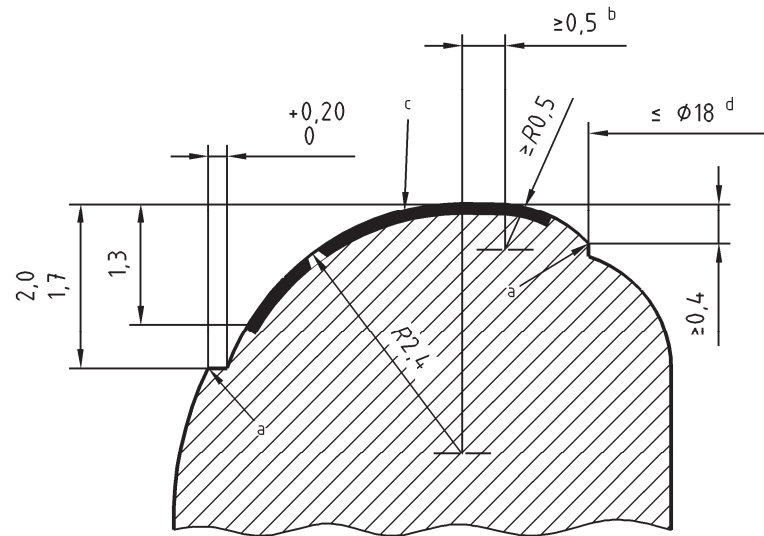
**Key**

- a Mould parting line of glass finish
- b Flat
- c Glass sealing surface
- d For a non returnable ("one way") bottle, this diameter may be at 18,5 mm max, subject to written agreement – through the bottler – between the three involved parties (bottler, glass manufacturer, crown cork manufacturer).

**Figure 4 — Detail X – Glass sealing surface – Alternative 1**

Contact between the crown cork liner compound and the internal mould parting line of glass finish should be avoided (see CE.T.I.E. data sheets EC1-02 revision 1 [2] and EC1-021 [3]). The glass sealing surface should be smooth and free of any defects.

Dimensions in millimetres



**Key**

- a Mould parting line of glass finish
- b Flat
- c Glass sealing surface
- d For a non returnable ("one way") bottle, this diameter may be at 18,5 mm max, subject to written agreement – through the bottler – between the three involved parties (bottler, glass manufacturer, crown cork manufacturer).

**Figure 5 — Detail X – Glass sealing surface – Alternative 2**

Contact between the crown cork liner compound and the internal mould parting line of glass finish should be avoided (see CE.T.I.E. data sheets EC1-02 revision 1 [2] and EC1-021 [3]). The glass sealing surface should be smooth and free of any defects.

## Bibliography

- [1] CE.T.I.E. data sheet GME 13.01 Revision 1, *26 H 180 Crown finish* <sup>1)</sup>
- [2] CE.T.I.E. EC1-02 revision 1, *26 millimetres crown cork* <sup>1)</sup>
- [3] CE.T.I.E. EC1-021, *26 millimetres crown cork: main liner profiles* <sup>1)</sup>

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1) Obtainable through

Centre Technique International de l'Emboutillage (CE.T.I.E.), 112-114, rue La Boétie, 75008 Paris, France  
[www.cetie.org](http://www.cetie.org), TP: 0033-1-42 65 26 45, TF: 0033-1-40 07 03 21

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