
International Standard



8162

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Glass containers — Tall crown finishes — Dimensions

Réipients en verre — Bagues-couronnes hautes — Dimensions

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[ISO 8162:1985](#)

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Descriptors : containers, glass packaging, bottles, dimensions.

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.

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 8162 was prepared by Technical Committee ISO/TC 63, *Glass containers*.

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Glass containers — Tall crown finishes — Dimensions

1 Scope and field of application

This International Standard lays down the dimensions for tall crown finishes on beverage bottles.

NOTE — The dimensions for shallow crown finishes are laid down in ISO 8163.

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2 References

ISO 7348, *Glass containers — Manufacture — Vocabulary*.¹⁾

ISO 8163, *Glass containers — Shallow crown finishes — Dimensions*.

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 7348 and the following definition shall apply.

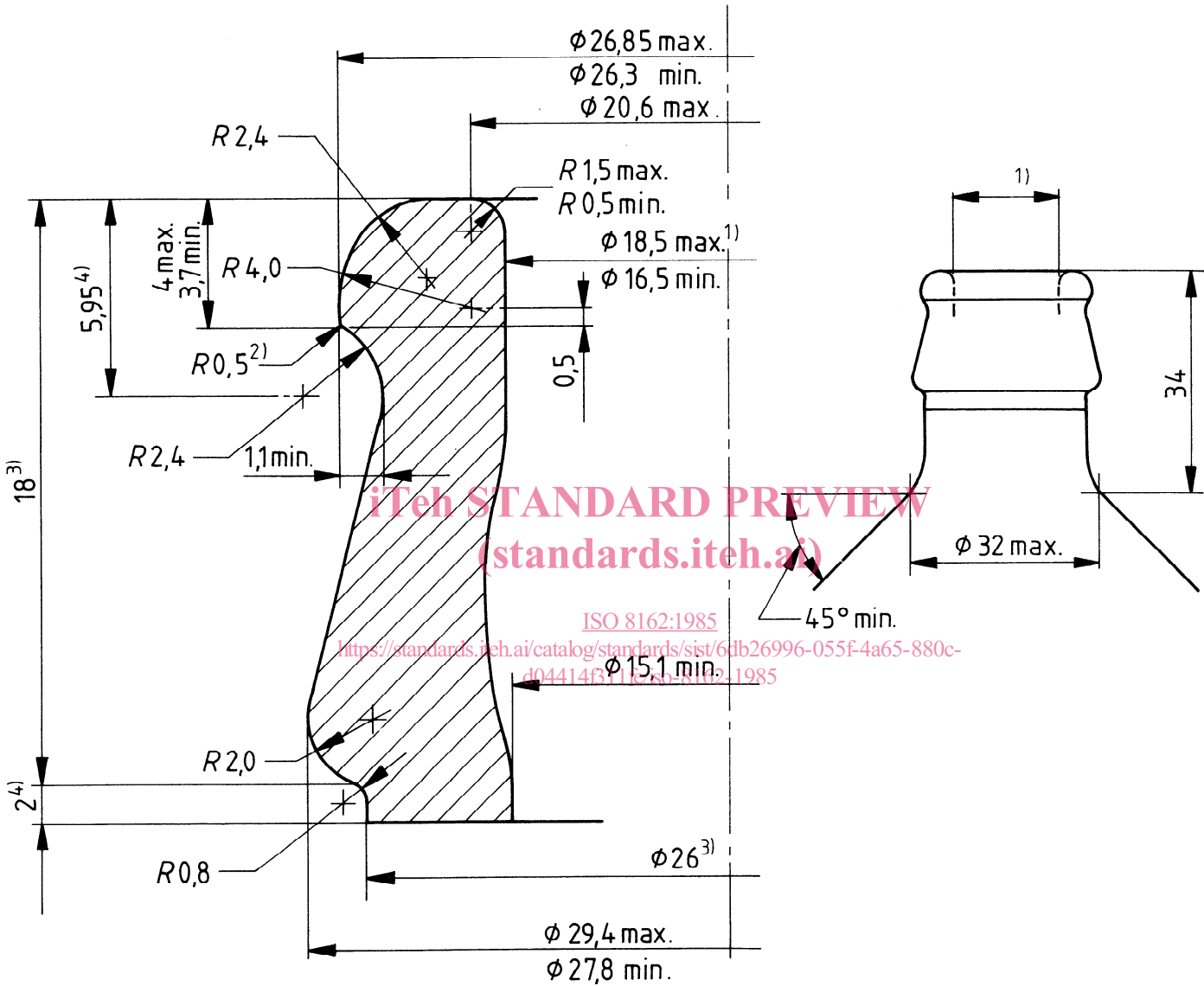
crown finish : A finish designed to take a crown closure.

4 Dimensions

The dimensions shall be as given in the figure. All untoleranced dimensions are nominal.

Glass thickness throughout the full depth of the finish shall be adequate to withstand normal handling.

¹⁾ At present at the stage of draft.



1) The entrance bore diameter shall be between 18,5 mm max. and 16,5 mm min. from the depths of 1,5 to 3,0 mm. For returnable bottles, an entrance bore diameter of between 16,6 mm max. and 15,6 mm min. from the depths of 1,5 to 3,0 mm is recommended, if a re-seal is to be used or if the bottle is going to be subjected to a special sterilizing process.

2) This radius is optimum.

3) Nominal dimension to suit glass manufacture.

4) For manufacturing purposes only.

Figure – Dimensions of tall crown finishes