

**SRI LANKA STANDARD 601:PART 2:1983**  
**UDC 666.17**

**SPECIFICATION FOR**  
**GLASS CONTAINER FINISHES**  
**PART 2 — CROWN FINISHES**

**BUREAU OF CEYLON STANDARDS**



SPECIFICATION FOR GLASS CONTAINER FINISHES  
PART 2 : CROWN FINISHES

SLS 601:Part 2:1983

Gr.3

*Copyright Reserved*

BUREAU OF CEYLON STANDARDS  
53, Dharmapala Mawatha,  
Colombo 3,  
Sri Lanka.



SRI LANKA STANDARD  
SPECIFICATION FOR GLASS CONTAINER FINISHES  
PART 2 : CROWN FINISHES

## FOREWORD

This Sri Lanka Standard specification was authorized for adoption and publication by the Council of the Bureau of Ceylon Standards on 1983-12-20, after the draft, finalized by the Drafting Committee on Glass Products, had been approved by the Mechanical Engineering Divisional Committee.

This part is one of a series of standards on glass container finishes. Other parts covering Threaded finish, Omnia finish, Lug finish and Aluminium foil cap type finish are being issued. A complete list of such standards may be obtained from the Bureau of Ceylon Standards.

All standard values in this specification are given in SI units.

For the purpose of deciding whether a particular requirement of this specification is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with CS 102. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this specification.

In the preparation of this specification, the assistance obtained from the British Standards Institution is gratefully acknowledged.

## 1 SCOPE

This part of the specification prescribes the design and dimensions of the following crown bottle neck finishes :

Standard crown finishes (see Fig. 1);  
Shallow crown finishes (see Fig. 2); and  
Beadless crown finishes (see Fig. 3).

## 2 REFERENCE

CS 102 Presentation of numerical values.

3 DEFINITIONS

For the purpose of this specification the following definitions shall apply :

3.1 finish : The top part of the neck of a bottle made to suit the closure.

3.2 sealing surface : The portion of the finish which makes contact with the liner of the closure.

4 FINISH DESIGN AND DIMENSIONS

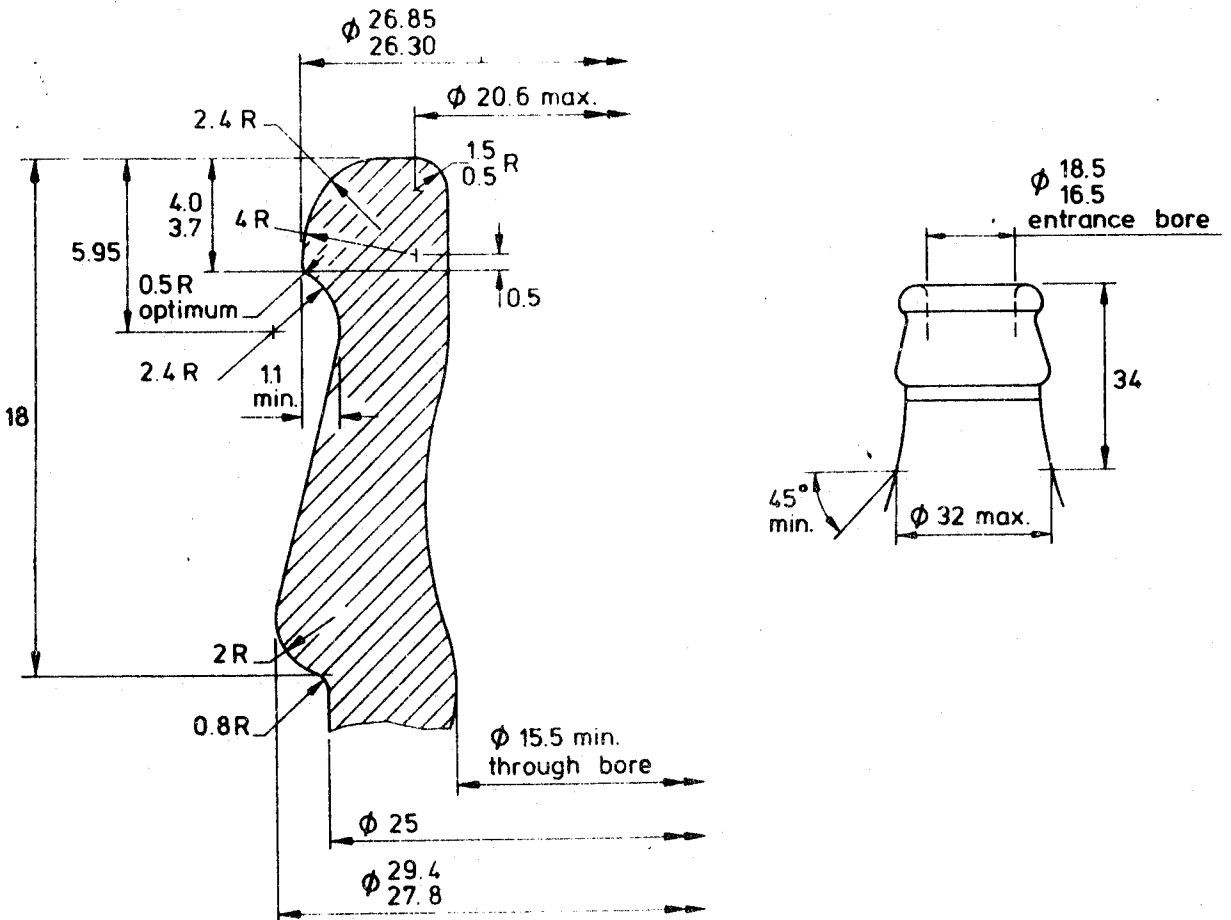
4.1 Standard, shallow and beadless crown finishes

The design and dimensions of these shall be as given in Figure 1, Figure 2 and Figure 3 for the appropriate type of finishes.

NOTE - Untoleranced dimensions are for mould making purposes only.

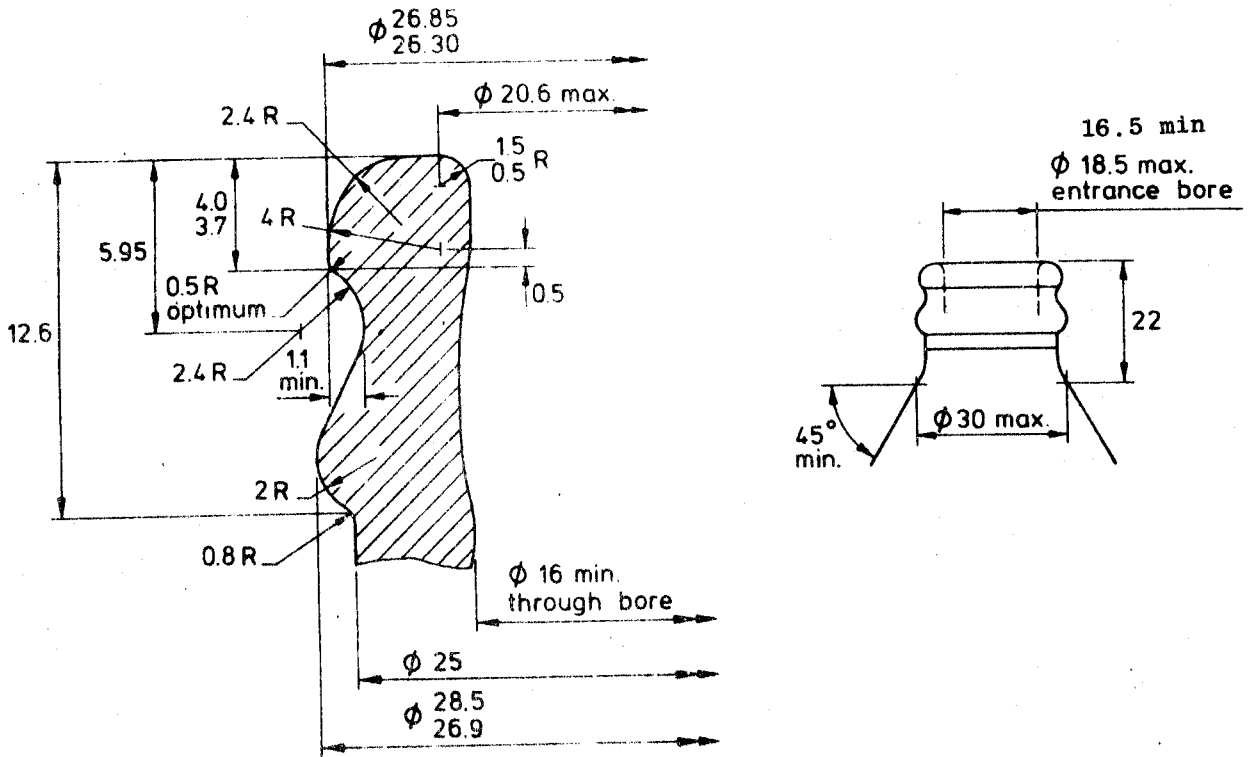
4.2 Sealing surface

The sealing surface shall be essentially smooth and free from features that prevent adequate sealing. It shall conform to the dimensions shown in Figure 1 to Figure 3.



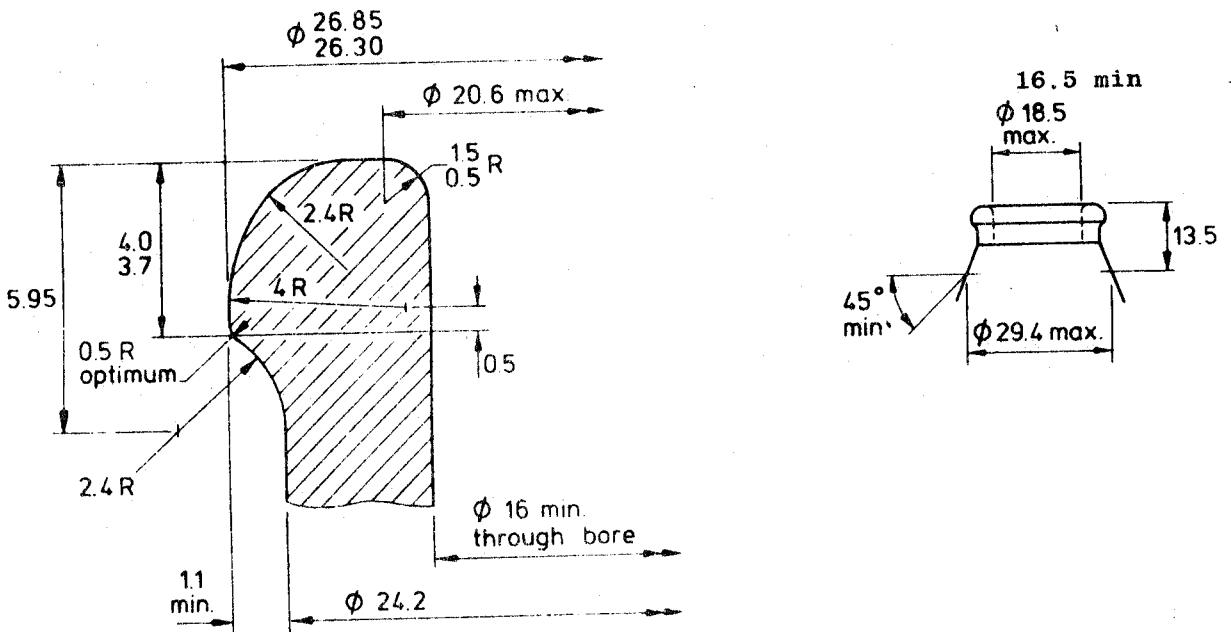
(All dimensions are in millimetres)

FIGURE 1 - Standard crown finishes



(All dimensions are in millimetres)

FIGURE 2 - Shallow crown finishes



(All dimensions are in millimetres)

FIGURE 3 - Beadless crown finishes





## **SLS CERTIFICATION MARK**

*The Sri Lanka Standards Institution is the owner of the registered certification mark shown below. Beneath the mark, the number of the Sri Lanka Standard relevant to the product is indicated. This mark may be used only by those who have obtained permits under the SLS certification marks scheme. The presence of this mark on or in relation to a product conveys the assurance that they have been produced to comply with the requirements of the relevant Sri Lanka Standard under a well designed system of quality control inspection and testing operated by the manufacturer and supervised by the SLSI which includes surveillance inspection of the factory, testing of both factory and market samples.*

*Further particulars of the terms and conditions of the permit may be obtained from the Sri Lanka Standards Institution, 17, Victoria Place, Elvitigala Mawatha, Colombo 08.*



## **SRI LANKA STANDARDS INSTITUTION**

The Sri Lanka Standards Institution (SLSI) is the National Standards Organization of Sri Lanka established under the Sri Lanka Standards Institution Act No. 6 of 1984 which repealed and replaced the Bureau of Ceylon Standards Act No. 38 of 1964. The Institution functions under the Ministry of Science & Technology.

The principal objects of the Institution as set out in the Act are to prepare standards and promote their adoption, to provide facilities for examination and testing of products, to operate a Certification Marks Scheme, to certify the quality of products meant for local consumption or exports and to promote standardization and quality control by educational, consultancy and research activity.

The Institution is financed by Government grants, and by the income from the sale of its publications and other services offered for Industry and Business Sector. Financial and administrative control is vested in a Council appointed in accordance with the provisions of the Act.

The development and formulation of National Standards is carried out by Technical Experts and representatives of other interest groups, assisted by the permanent officers of the Institution. These Technical Committees are appointed under the purview of the Sectoral Committees which in turn are appointed by the Council. The Sectoral Committees give the final Technical approval for the Draft National Standards prior to the approval by the Council of the SLSI.

All members of the Technical and Sectoral Committees render their services in an honorary capacity. In this process the Institution endeavours to ensure adequate representation of all view points.

In the International field the Institution represents Sri Lanka in the International Organization for Standardization (ISO), and participates in such fields of standardization as are of special interest to Sri Lanka.