

SRI LANKA STANDARD 601:PART 4:1984
UDC 666.17

SPECIFICATION FOR
GLASS CONTAINER FINISHES
PART 4 — LUG FINISHES

SRI LANKA STANDARDS INSTITUTION

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SLS 601:Part 4:1984

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SRI LANKA STANDARDS INSTITUTION

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SPECIFICATION FOR GLASS CONTAINER FINISHES
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FOREWORD

This Sri Lanka Standard specification was authorized for adoption and publication by the Council of the Sri Lanka Standards Institution on 1984-02-22, 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, Crown finish, Omnia finish and Aluminium foil cap type finish are being issued. A complete list of such standards may be obtained from the Sri Lanka Standards Institution. Glass bottles with lug finish can be used for packing jams, preservatives, chutneys etc.

All standard values given in this specification are 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 should be the same as that of the specified value in this specification.

In the preparation of this specification, the assistance obtained from the Glass Manufacturers' Federation of London is gratefully acknowledged.

1 SCOPE

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

2 REFERENCES

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 Lug finishes

The design and dimensions of the lug finishes shall be as given in Figure 1 and Table 1.

NOTES

1 Minimum T dimension (see Fig. 1) should be measured by a Parnaby type gauge, the two engaging surfaces of which should subtend arcs of 22 and conform to the curvature of the minimum T circumference.

2 Nominal 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.

TABLE 1 - Lug finishes
(All dimensions in millimetres)

No. or size	T		E		β	Pitch
	Max.	Min.	Max.	Min.	Angle	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
63	62.50	61.60	59.4	58.4	5° 5'	16.95
66	65.40	64.50	62.2	61.4	4° 52'	16.95
70	69.40	68.50	66.2	65.4	4° 34'	16.95
77	76.10	75.20	73.0	72.0	4° 10'	16.95

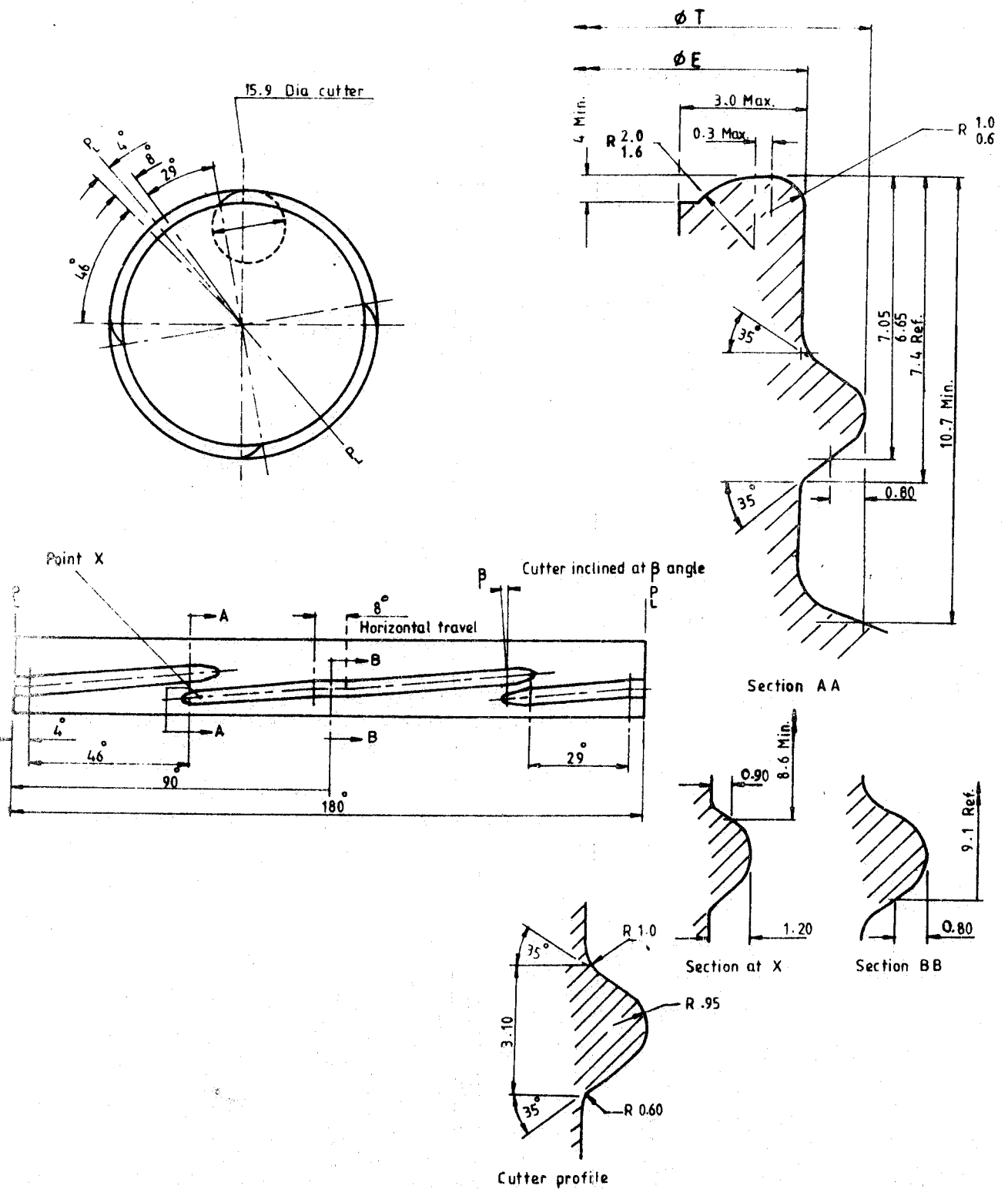


FIGURE 1 - Lug finishes

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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

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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.