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SIZES OF DRAWING SHEETS

BUREAU OF CEYLON STANDARDS

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SLS 433 : 1978

Gr. 3

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SRI LANKA STANDARD
FOR SIZES OF DRAWING SHEETS

FOREWORD

This Sri Lanka Standard was prepared by the Technical Drafting Committee of the Bureau of Ceylon Standards on Sizes of Drawing Sheets. It was approved by the Metric Divisional Committee of the Bureau and was authorised for adoption and publication by the Council of the Bureau on 1978-03-14.

The sizes of the ISO principal series (A series) and the subsidiary series (B series) are given in CS 3: 1967 Specification for Paper Sizes.

The ISO A series paper sizes have been recommended for engineering drawings for many years. The ISO B series is not included because this series is not acceptable internationally for the technical drawing sheets.

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

**CS 102 Presentation of numerical values.*

Assistance derived from the publications of the British Standards Institution in the preparation of this standard is gratefully acknowledged.

1 SCOPE

This Sri Lanka Standard specifies a range of sizes for drawing sheets of any materials and corresponding border sizes. Provision is made for centring marks for the purpose of microfilming and for marks to assist in the folding of sheets.

2 SIZES

2.1 The trimmed drawing sheets shall comply with the dimensions given in Table 1 below.

TABLE 1 Sizes of drawing sheets

Designation	Size (mm x mm)
A0	841 x 1189
A1	594 x 841
A2	420 x 594
A3	297 x 420
A4	210 x 297

NOTES :

1 The range of sizes is based on a rectangle of 1 m^2 area, the sides of which are in the ratio 1 :$\sqrt{2}$; this size is designated A0. The next size smaller than A0 in the series is obtained by halving the larger side of the A0 sheet, the division being parallel to the shorter side, so that area of the two successive sizes is in the

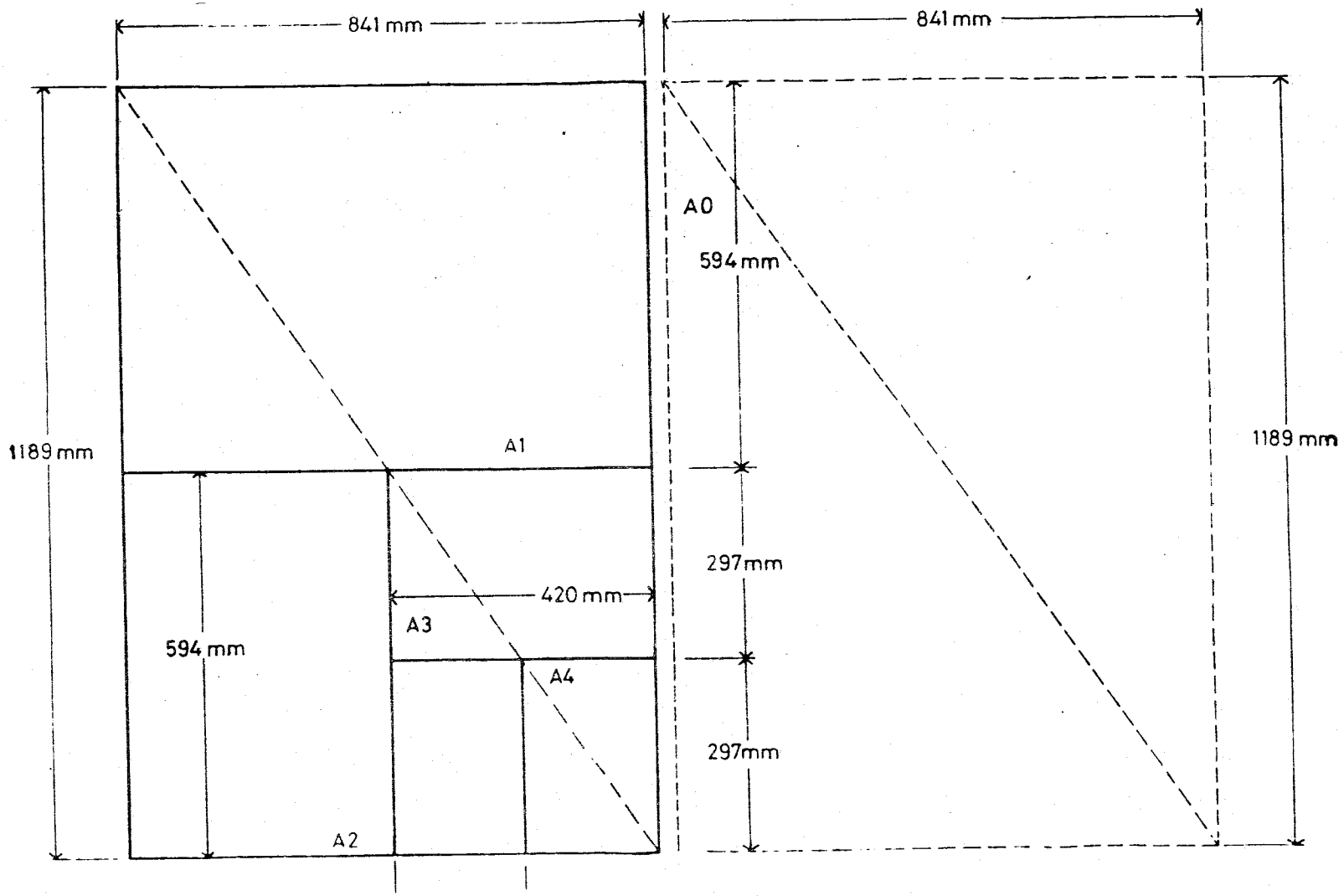

FIG. 1 The halving principle

ratio of 2 : 1. This second size is designated A1. Other sizes are similarly obtained. (see Figure 1).

2 The series can be extended either side of the sizes shown but those listed are considered as standard for technical drawings.

3 BORDER WIDTHS

Where printed borders are required on the drawing sheet for the purpose of micro-filming, they shall comply with the dimensions given in Table 2 below.

TABLE 2 Border widths for drawing sheets

Designation	Border width (mm)
A0	25
A1	20
A2	20
A3	15
A4	15

The border width is the perpendicular distance from the edge of the sheet to the border line. The border frame shall be symmetrical with the edges of the sheet.

4 CENTRING MARKS AND FOLD LINES

Centring marks and fold lines shall be of such dimensions as to leave a minimum distance of 13 mm between the edge of the sheet and the tip of the mark.

Centring marks shall be provided on all four sides of the original, projecting at right angles from the border lines to within approximately 13 mm of the edges of the drawing sheet.

5 TOLERANCES

5.1 Tolerances for sheets made from polyester drafting film shall be as follows:

a)	for sheet sides upto and including 594 mm in length	± 2 mm
b)	for sheet sides over 594 mm up to and including 1189 mm in length	± 3 mm

5.2 Tolerances for sheets made from drawing paper shall be as follows:

a)	for sheet sides up to and including 210 mm	± 2 mm
b)	for sheet sides over 210 mm and below 841 mm	± 4 mm
c)	for sheet sides 841 mm and above	± 6 mm

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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.*

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