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मानक

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IS 12979 (1990): Mould for determination of linear shrinkage - [CED 43: Soil and Foundation Engineering]



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IS 12979 : 1990

भारतीय मानक

रैखिक संकुचन साँचों की विशिष्टि

*Indian Standard*

MOULD FOR DETERMINATION OF LINEAR  
SHRINKAGE—SPECIFICATION

UDC 624.131.434 : 620.1.05

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BUREAU OF INDIAN STANDARDS  
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## FOREWORD

This Indian Standard was adopted by the Bureau of Indian Standards, after the draft finalized by the Soil and Soil Engineering Sectional Committee had been approved by the Civil Engineering Division Council.

The equipment covered in this standard is meant to be used as a part of the apparatus for determination of the linear shrinkage of remoulded soils as covered in IS 2720 (Part 20) : 1966 'Methods of test for soil : Part 20 Determination of linear shrinkage'.

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 analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

## Indian Standard

# MOULD FOR DETERMINATION OF LINEAR SHRINKAGE — SPECIFICATION

### 1 SCOPE

**1.1** This standard covers general requirements, materials and dimensions for moulds used as part of the apparatus for the determination of linear shrinkage of remoulded soils.

### 2 REFERENCES

**2.1** The following Indian Standards are necessary adjuncts to this standard:

IS No.	Title
292 : 1983	Leaded brass ingots and castings ( <i>second revision</i> )
2102 (Part 1) : 1980	General tolerances for dimensions and form and position: Part 1 General tolerances for linear and angular dimensions ( <i>second revision</i> )

### 3 GENERAL REQUIREMENTS

**3.1** The mould shall consist of the following (*see Fig. 1*):

a) Body

b) End Plates — 2 No.

c) Securing screws — 4 No.

### 4 MATERIALS

**4.1** The materials for construction of the different component parts of the mould, namely, body, plates and screws shall conform to IS 292 : 1983.

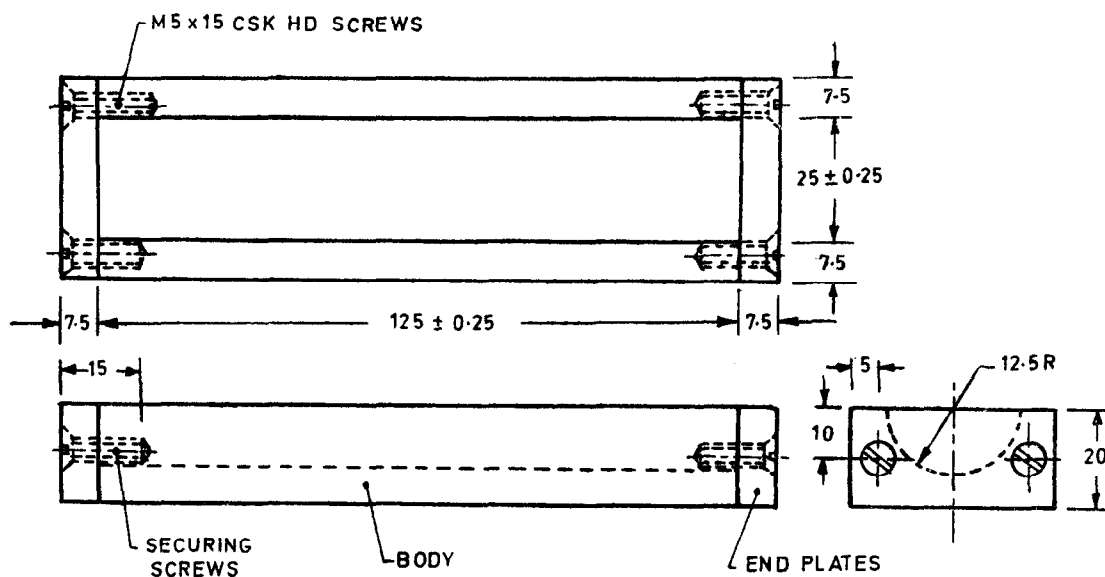
### 5 DIMENSIONS

**5.1** The dimensions of the component parts of the mould shall be as detailed in Fig. 1. The tolerances on the dimensions wherever not mentioned in Fig. 1 shall be as given in IS 2102 (Part 1) : 1980 and shall be medium class.

### 6 MARKING

**6.1** The following information shall be clearly and indelibly marked on each mould:

- a) Indication of the source of manufacturer; and
- b) Batch number.



All dimensions in millimetres.

FIG. 1 MOULD FOR LINEAR SHRINKAGE

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