

इंटरनेट

मानक

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Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6165 (1992): Dimensions for special shapes of clay bricks [CED 30: Clay and Stabilized Soil Products for Construction]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक
विशेष आकार की मिट्टी की ईंटों के आयाम
(पहला पुनरीक्षण)
Indian Standard
DIMENSIONS FOR
SPECIAL SHAPES OF CLAY BRICKS
(*First Revision*)

UDC 666'71-4

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

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Price Group 3

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Clay Products for Buildings Sectional Committee had been approved by the Civil Engineering Division Council.

This standard was first published in 1971. In this revision, non-modular size of the brick in addition to the modular size has been included.

This standard prescribes the dimensions of some of the special shapes of clay bricks which are used frequently in the building and other civil engineering construction. By prescribing the dimensions, special shape of clay bricks could be manufactured even at the time of moulding, to the required shape.

Indian Standard
**DIMENSIONS FOR
SPECIAL SHAPES OF CLAY BRICKS**
(First Revision)

1 SCOPE

1.1 This standard prescribes the dimensions for special shapes of clay brick used in building and other civil engineering construction.

1.2 This standard does not lay down the specification of the special shapes for clay bricks and same shall conform to IS 1077 : 1991 and IS 2180 : 1988.

2 REFERENCES

2.1 The Indian standards listed below are necessary adjuncts to this standard:

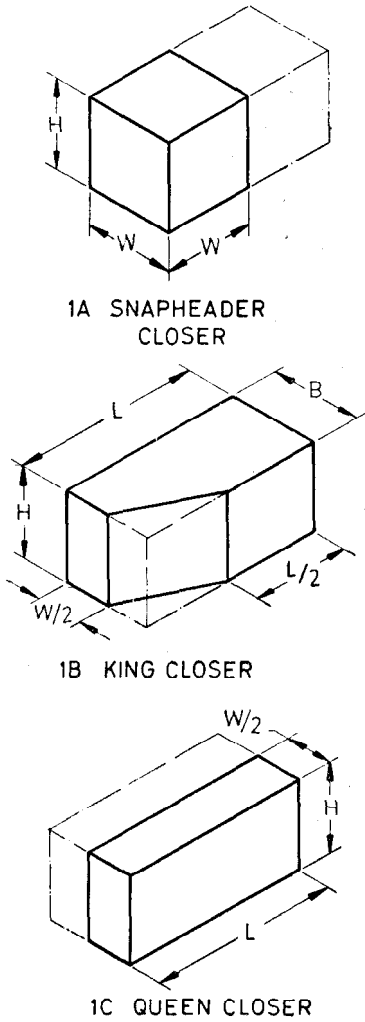
IS No.	Title
1077 : 1991	Common burnt clay building bricks
2180 : 1988	Heavy duty burnt clay building bricks (third revision)

3 DIMENSIONS

3.1 The standard size of modular brick and non-modular size of brick shall be as follows:

	Length (L) mm	Width (W) mm	Height (H) mm
Modular Size	190	90	90
Non-Modular Size	230	110	70

3.2 The dimensions of the special shape of clay bricks that are commonly used in building and other civil engineering construction are given in Fig. 1 to Fig. 7 (see 3.1 for L, W and H).



All dimensions in millimetres.
FIG. 1 CLOSERS

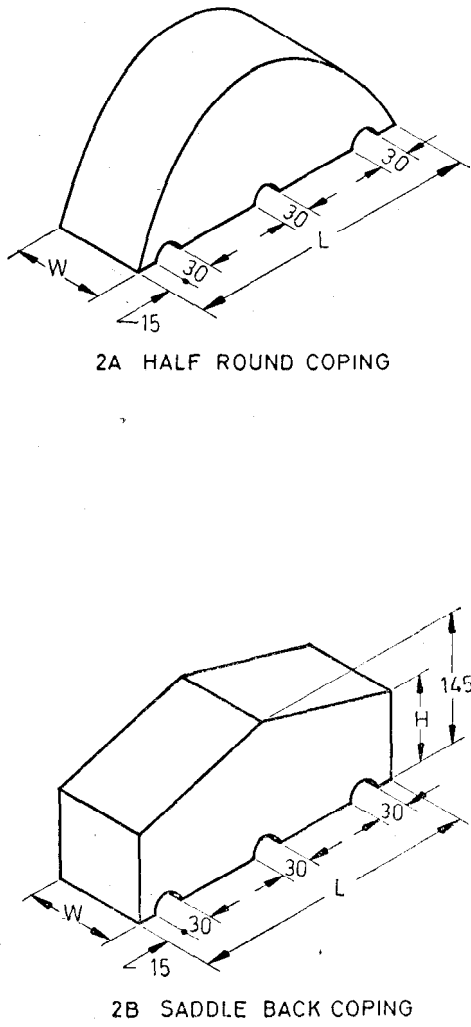
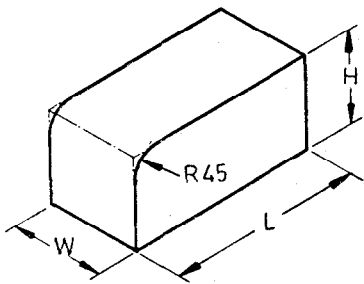
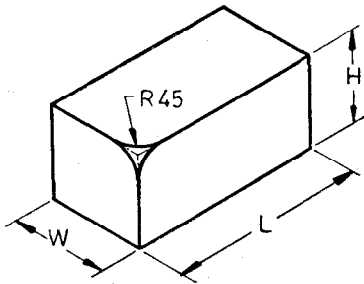


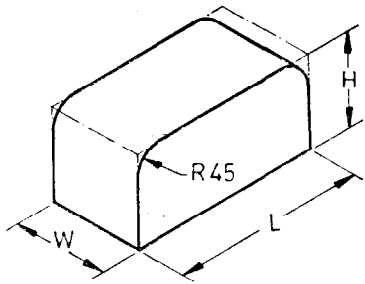
FIG. 2 COPINGS



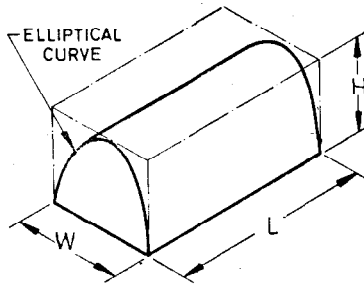
3A SINGLE BULLNOSE
OR BULLNOSE HEADER



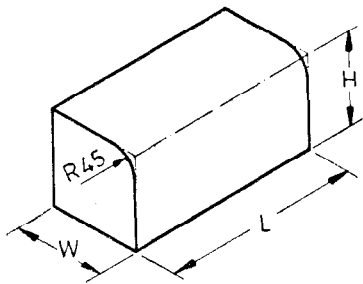
3D BULLNOSE MITRE



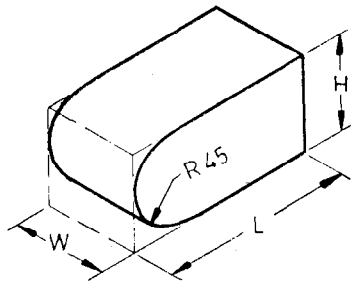
3B DOUBLE BULLNOSE



3E BULLNOSE DOUBLE



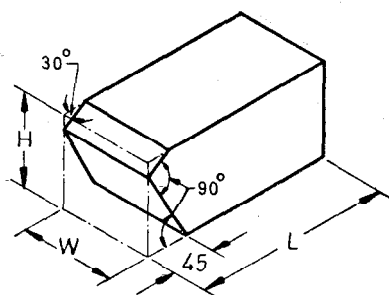
3C BULLNOSE STRETCHER



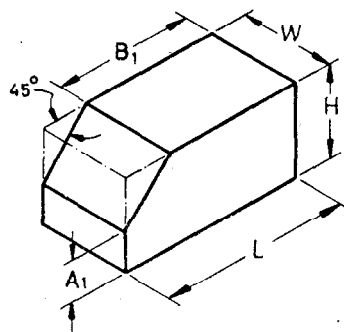
3F BULLNOSE ON END

All dimensions in millimetres.

FIG. 3 BULLNOSE BRICKS

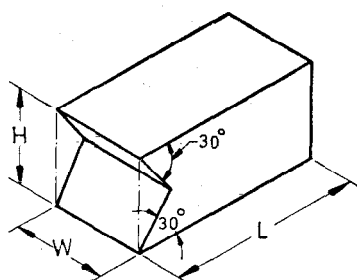


4A SQUINT 30°

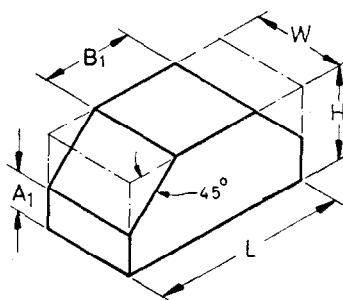


A ₁	40	50
B ₁	140	150

4D SINGLE CANT OR
PLINTH HEADER

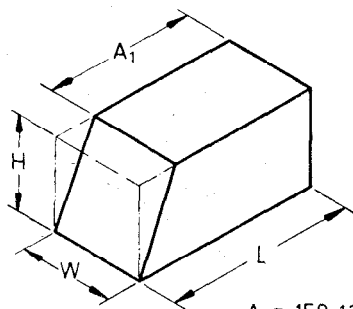


4B BRIDSMOUTH 30°



A ₁	40	50
B ₁	90	110

4E DOUBLE CANT

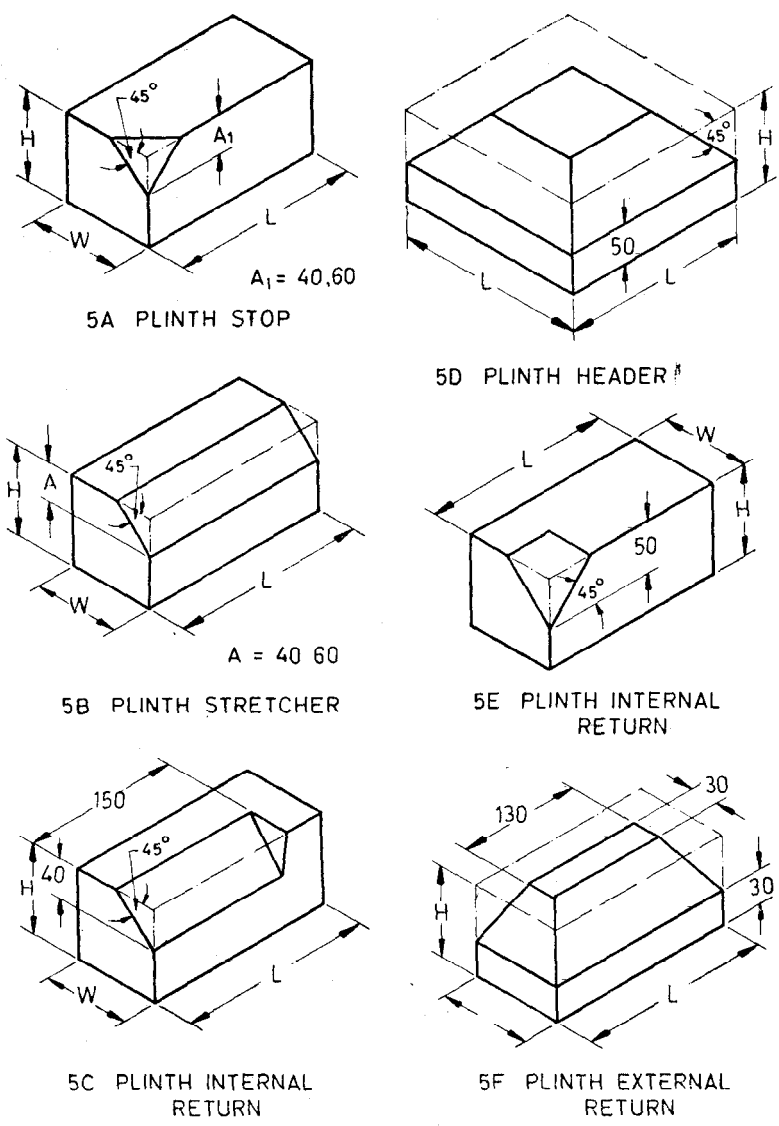


A₁ = 150, 170

4C HEADER SPLAY

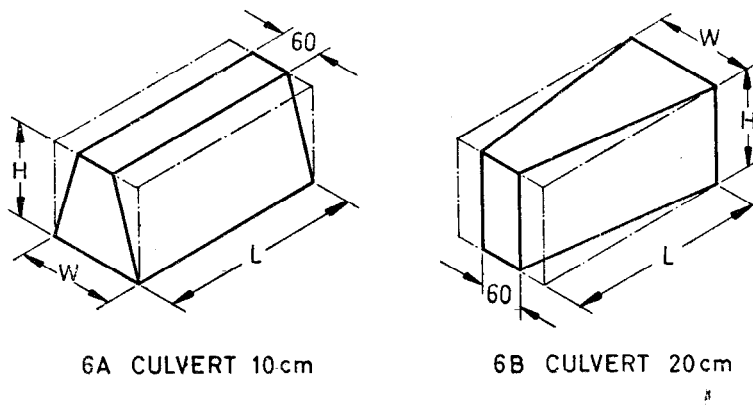
All dimensions in millimetres.

FIG. 4 CORNER BRICKS



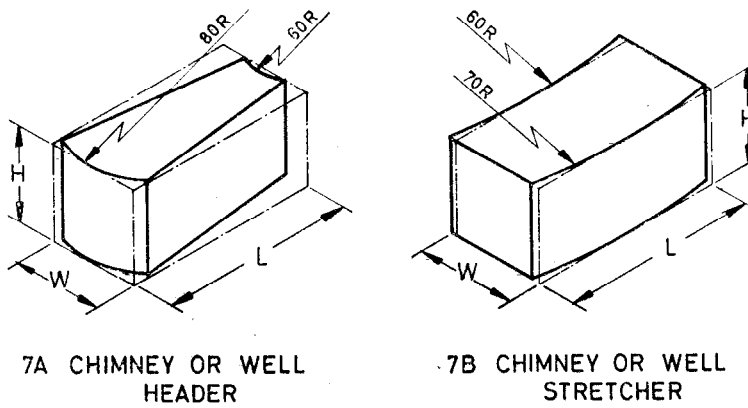
All dimensions in millimetres.

FIG. 5 PLINTH BRICKS



All dimensions in millimetres.

FIG. 6 CULVERT BRICKS



All dimensions in millimetres.

FIG. 7 CHIMNEY OR WELL TYPE BRICKS

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Amend No.	Date of Issue	Text Affected

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