

**Specification for**

# **Dimensions of bricks of special shapes and sizes**

Dimensions des briques de forme et taille  
spéciales - Spécifications

Masse von Formziegeln

## Committees responsible for this British Standard

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Brick Development Association  
British Aggregate Construction Materials Industries  
British Ceramic Research Ltd.  
British Standards Society  
Building Employers' Confederation  
Calcium Silicate Brick Association Limited  
Consumer Policy Committee of BSI  
Department of Education and Science  
Department of the Environment (Property Services Agency)  
Department of the Environment (Building Research Establishment)  
Department of the Environment for Northern Ireland  
Institution of Civil Engineers  
Institution of Structural Engineers  
National House-Building Council  
North of Ireland Brickmakers' Association  
Royal Institute of British Architects  
Scottish Employers Council for the Clay Industries  
Society of Chemical Industry  
Society of Chief Architects of Local Authorities

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## Foreword

This British Standard has been prepared under the direction of the Clay and Calcium Silicate Products Standards Policy Committee. It is a revision of BS 4729 : 1971 which is withdrawn.

The main changes from the previous edition are as follows.

- (a) Guidance on dimensional tolerances for bricks of special shapes and sizes has been included. No tolerances on work sizes are specified in this standard, other than for non standard cuboid bricks in group NS (see table 12). When an acceptable method of measurement has been developed for individual bricks a suitable clause will be incorporated in this standard. In the interim period guidance on the limits of size for the dimensions of individual bricks is given in appendix D.
- (b) Dimensions of cants, and internal and external angles have been revised to suit half-brick thick leaves as well as one-brick thick walls (see table 6).
- (c) Half-round and saddle-back cappings have been added (see table 4).
- (d) A new range of stop ends for standard bricks on edge has been added (see table 3).
- (e) A new range of stop ends, returns and angles for bullnose bricks has been added (see table 5).
- (f) A new range of stop ends, returns and angles for cant bricks when used as cappings has been added (see table 6).
- (g) Returns for soldier brick courses have been added (see table 11).
- (h) A new range of arch bricks replaces the culvert radial side and end arch bricks (see table 8).
- (i) A new range of radial bricks replaces the chimney and well headers and stretchers (see table 9).
- (j) The diagrams in this standard show the mirror image where a faced surface occurs on the reverse side of a brick.
- (k) Metric equivalents of former imperial dimensions have been corrected. Imperial dimensions are no longer given.
- (l) The types of special bricks are listed in this standard in the same order as in the previous edition. A new alpha-numeric coding system has been adopted which is derived from the names of the groups of special bricks (e.g. BD for bonding bricks). It is sufficiently different from the former coding system to avoid confusion. (See appendix C.)
- (m) The information to be supplied by the purchaser with his enquiry or order is now listed in appendix A.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

# Specification

## 0 Introduction

### 0.1 Forms of bricks

Although the diagrams in this standard indicate solid bricks, bricks of special shapes may be solid, frogged, cellular or perforated.

NOTE. The specifier should ascertain from the supplier the exact nature of any voids and consider the structural implications as well as the implications for constructional detailing.

### 0.2 Faced surfaces

The surfaces of the bricks which will be faced are indicated by stippling in the diagrams shown in the tables in this standard. Surfaces not visible in the diagrams are not faced.

NOTE. If specifiers require other surfaces to be faced, they should consult the manufacturers or suppliers.

### 0.3 Colour and surface texture

With some types of bricks and manufacturing techniques, it is not possible to ensure that the colour and texture of all the exposed faces of bricks of special shapes exactly match those of the corresponding standard bricks.

NOTE. Specifiers should consult with the supplier at an early stage to establish their needs for a particular application.

### 0.4 Left- and right-handed bricks

Left- or right-handed versions will sometimes need to be specified, e.g.

- (a) where the special shape is asymmetric, e.g. a single bullnose stop (see table 5, Type BN.3);
- (b) where the directional nature of the surface texture of the bricks requires them to be laid in one aspect to avoid variations in appearance in the built wall.

When a brick has a handed version the diagram indicates whether a left-hand (LH) or right-hand (RH) version is shown.

NOTE. The need to specify handed versions of single-frogged bricks in positions where compressive strength may be critical (see 0.5) may be avoided by, on the appropriate hand, filling the frog with mortar before laying it frog down. An example is the use of squint bricks (see table 6, Type AN.1) at both sides of an opening.

### 0.5 Compressive strength

Clay and calcium silicate bricks of special shapes and sizes may have a lower compressive strength than bricks made to BS 3921 and BS 187 from the same raw materials.

NOTE. In positions where compressive strength may be critical, e.g. under the ends of lintels, it is usually necessary to fill any frogs in the bricks with mortar. Where strength is a critical design requirement the manufacturers should be consulted.

## 0.6 Durability

Bricks of special shapes which are to be used in positions where they are liable to be saturated and frozen, e.g. in parapets, copings, cappings and sills, need to be suitably durable (see item (e) of appendix A).

NOTE. Specifiers should consult with manufacturers or suppliers regarding the suitability of the bricks for use in such exposed positions.

## 1 Scope

This British Standard specifies the shapes and dimensions of bricks of special shapes and sizes made from clay, calcium silicate or concrete and intended for use in the construction of brick masonry. The dimensions and other requirements of standard bricks are covered by BS 187, BS 3921, BS 6073 : Part 1 and BS 6649.

NOTE 1. The purchaser should supply with his enquiry or order the information given in appendix A.

NOTE 2. Typical examples of applications of special shapes in brickwork are shown in appendix B (figures 1 and 2 and table 13).

NOTE 3. A list of the brick types in BS 4729 : 1971 showing their relationship to the brick types used in this standard is given in appendix C.

NOTE 4. The titles of the publications referred to in this standard are listed on the inside back cover.

## 2 Shapes and dimensions

The shapes and dimensions of special bricks shall be as shown in tables 3 to 12.

Unless otherwise stated all dimensions are in millimetres.

All dimensions shown in tables 3 to 12 have been derived from the work sizes shown in figure 1 before being rounded to whole millimetres. For bricks with specified angles, the angles should take precedence over the rounded dimensions.

## 3 Limits of size for non standard cuboid bricks (Group NS)

The dimensions of bricks in group NS shall comply with the work sizes shown in table 12 within the limits specified in tables 1 and 2.

NOTE 1. Table 1 shows the limits of size of 24 bricks, i.e. if the length of a brick is  $L$ , the maximum length of 24 bricks is  $24.35L$  and the minimum is  $23.65L$ .

Table 2 shows the limits of size, calculated by applying the values from table 1 to the dimension given in table 12.

NOTE 2. Guidance on the limits of size for other special bricks is given in appendix D.

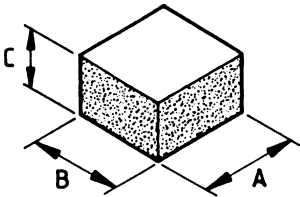
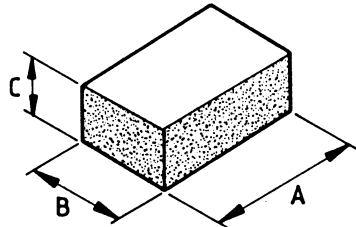
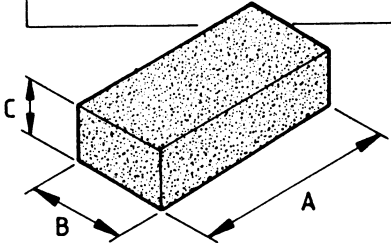
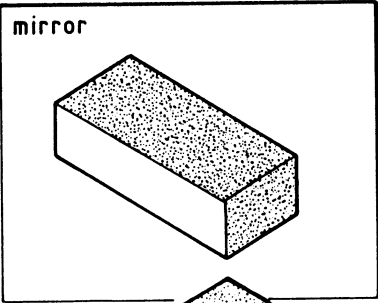
| Table 1. Limits of size for bricks in group NS                                                                                                                                                    |                                                     |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------|
| Work size                                                                                                                                                                                         | Limits of size for overall measurement of 24 bricks |                |
|                                                                                                                                                                                                   | Maximum                                             | Minimum        |
|                                                                                                                                                                                                   | mm                                                  | mm             |
| For length, <i>L</i>                                                                                                                                                                              | 24.35 <i>L</i>                                      | 23.65 <i>L</i> |
| For width, <i>W</i>                                                                                                                                                                               | 24.44 <i>W</i>                                      | 23.56 <i>W</i> |
| For thickness, <i>T</i>                                                                                                                                                                           | 24.69 <i>T</i>                                      | 23.30 <i>T</i> |
| NOTE. The tolerances for the overall measurement of 24 bricks are directly proportional to the work size, which has been accepted as a principle in other British Standards for fired-clay units. |                                                     |                |

#### 4 Bricks of special shapes

The bricks of special shapes listed in this standard shall be designated in the following groups:

| Group designation | Description                                |
|-------------------|--------------------------------------------|
| BD                | Bonding bricks (see table 3);              |
| CP                | Copings and cappings (see table 4);        |
| BN                | Bullnose bricks (see table 5);             |
| AN                | Angle and cant bricks (see table 6);       |
| PL                | Plinth bricks (see table 7);               |
| AR                | Arch bricks (see table 8);                 |
| RD                | Radial bricks (see table 9);               |
| SL                | Brick slips (see table 10);                |
| SD                | Soldier bricks (see table 11);             |
| NS                | Non standard cuboid bricks (see table 12). |

| Table 2. Limits of size applied to the work size of bricks in group NS (table 12) |                                                     |         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|---------|
| Work size                                                                         | Limits of size for overall measurement of 24 bricks |         |
|                                                                                   | Maximum                                             | Minimum |
| mm                                                                                | mm                                                  | mm      |
| Length                                                                            |                                                     |         |
| 290                                                                               | 7062                                                | 6859    |
| 233                                                                               | 5674                                                | 5510    |
| 215                                                                               | 5235                                                | 5085    |
| 190                                                                               | 4627                                                | 4494    |
| Width                                                                             |                                                     |         |
| 112                                                                               | 2737                                                | 2639    |
| 102                                                                               | 2493                                                | 2403    |
| 90                                                                                | 2200                                                | 2120    |
| Thickness                                                                         |                                                     |         |
| 90                                                                                | 2222                                                | 2097    |
| 80                                                                                | 1975                                                | 1864    |
| 73                                                                                | 1802                                                | 1701    |
| 65                                                                                | 1605                                                | 1515    |
| 53                                                                                | 1309                                                | 1235    |
| 50                                                                                | 1235                                                | 1165    |

| Table 3. Group BD. Bonding bricks<br>(All dimensions are in millimetres unless otherwise indicated.) |                                                                                                                                                                                                                                                              |            |     |     |    |  |  |  |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|-----|----|--|--|--|
| Type and description                                                                                 | Diagram                                                                                                                                                                                                                                                      | Dimensions |     |     |    |  |  |  |
|                                                                                                      |                                                                                                                                                                                                                                                              | Type No.   | A   | B   | C  |  |  |  |
| BD.1.1<br>Half bat (snap header)                                                                     |                                                                                                                                                                            | BD.1.1     | 102 | 102 | 65 |  |  |  |
| BD.1.2<br>Three-quarter bat                                                                          |                                                                                                                                                                            | BD.1.2     | 159 | 102 | 65 |  |  |  |
| BD.1.3<br>Standard brick faced on bed surface                                                        | <div><div>mirror</div></div> <p>NOTE. Tolerances shall be as specified in BS 3921</p> | BD.1.3     | 215 | 102 | 65 |  |  |  |

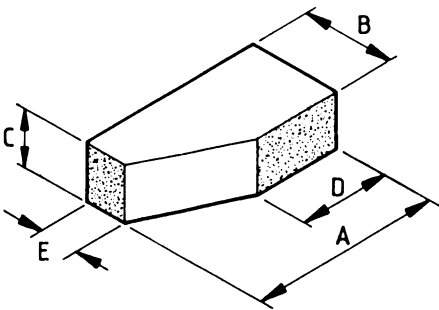
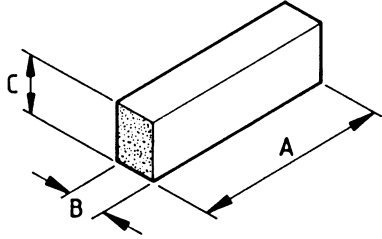
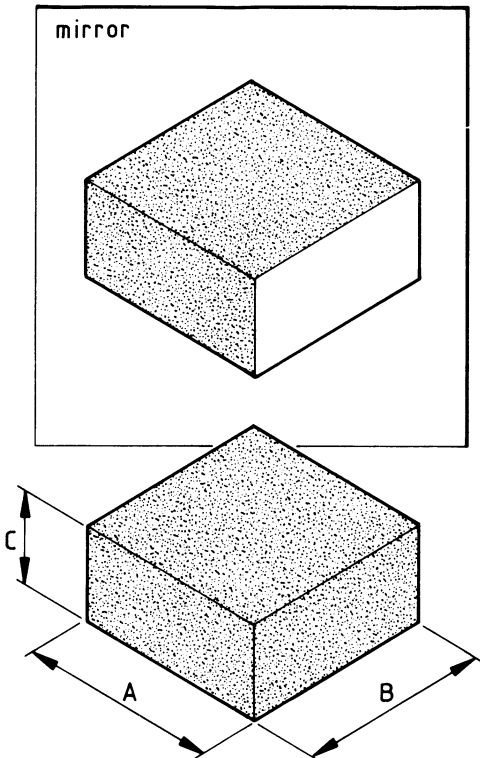
| Table 3. Group BD. Bonding bricks (continued)<br>(All dimensions are in millimetres unless otherwise indicated.) |                                                                                                |            |     |     |    |     |    |  |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------|-----|-----|----|-----|----|--|
| Type and description                                                                                             | Diagram                                                                                        | Dimensions |     |     |    |     |    |  |
|                                                                                                                  |                                                                                                | Type No.   | A   | B   | C  | D   | E  |  |
| BD.2<br>King closer<br>(left and right hand)                                                                     | <br>LH shown | BD.2       | 215 | 102 | 65 | 102 | 46 |  |
| BD.3<br>Queen closer                                                                                             |              | BD.3       | 215 | 46  | 65 |     |    |  |

**Table 3. Group BD. Bonding bricks (concluded)**  
(All dimensions are in millimetres unless otherwise indicated.)

| Type and description       | Diagram                                                                             | Dimensions |     |     |     |  |  |  |
|----------------------------|-------------------------------------------------------------------------------------|------------|-----|-----|-----|--|--|--|
|                            |                                                                                     | Type No.   | A   | B   | C   |  |  |  |
| BD.4<br>215 mm<br>Stop end |  | BD.4.1     | 215 | 159 | 102 |  |  |  |
|                            |                                                                                     | BD.4.2     | 215 | 159 | 65  |  |  |  |
|                            |                                                                                     | BD.4.3     | 215 | 215 | 102 |  |  |  |
|                            |                                                                                     | BD.4.4     | 215 | 215 | 65  |  |  |  |
|                            |                                                                                     |            |     |     |     |  |  |  |

| Table 4. Group CP. Copings and cappings<br>(All dimensions are in millimetres unless otherwise indicated.) |                   |            |     |     |    |                |                |  |
|------------------------------------------------------------------------------------------------------------|-------------------|------------|-----|-----|----|----------------|----------------|--|
| Type and description                                                                                       | Diagram           | Dimensions |     |     |    |                |                |  |
|                                                                                                            |                   | Type No.   | A   | B   | C  | D <sub>1</sub> | D <sub>2</sub> |  |
| CP.1.1<br>Half round coping                                                                                | <div>mirror</div> | CP.1.1     | 305 | 153 | 65 | 13             | 15             |  |

**Table 4. Group CP. Copings and cappings (continued)**  
 (All dimensions are in millimetres unless otherwise indicated.)

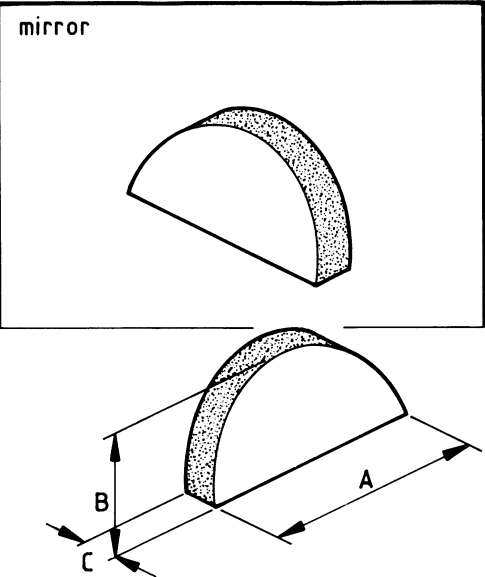
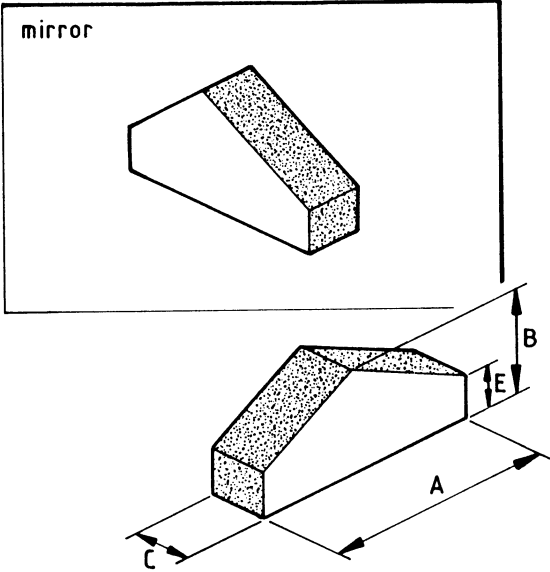
| Type and description         | Diagram                                                                            | Dimensions |     |     |    |  |  |  |
|------------------------------|------------------------------------------------------------------------------------|------------|-----|-----|----|--|--|--|
|                              |                                                                                    | Type No.   | A   | B   | C  |  |  |  |
| CP.1.2<br>Half round capping |  | CP.1.2     | 215 | 108 | 65 |  |  |  |
|                              |                                                                                    |            |     |     |    |  |  |  |

**Table 4. Group CP. Copings and cappings (continued)**

(All dimensions are in millimetres unless otherwise indicated.)

| Type and description        | Diagram | Dimensions |     |     |    |                |                |    |
|-----------------------------|---------|------------|-----|-----|----|----------------|----------------|----|
|                             |         | Type No.   | A   | B   | C  | D <sub>1</sub> | D <sub>2</sub> | E  |
| CP.2.1<br>Saddleback coping |         | CP.2.1     | 305 | 153 | 65 | 13             | 15             | 50 |

| Table 4. Group CP. Copings and cappings (concluded)<br>(All dimensions are in millimetres unless otherwise indicated.) |                                                                                                      |            |     |     |    |    |  |  |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------|-----|-----|----|----|--|--|
| Type and description                                                                                                   | Diagram                                                                                              | Dimensions |     |     |    |    |  |  |
|                                                                                                                        |                                                                                                      | Type No.   | A   | B   | C  | E  |  |  |
| CP.2.2<br>Saddleback capping                                                                                           | <div>mirror</div>  | CP.2.2     | 215 | 123 | 65 | 50 |  |  |

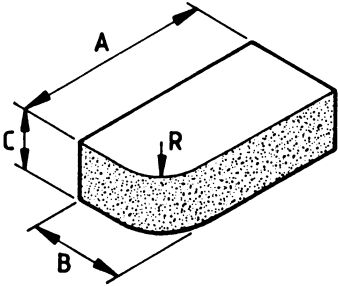
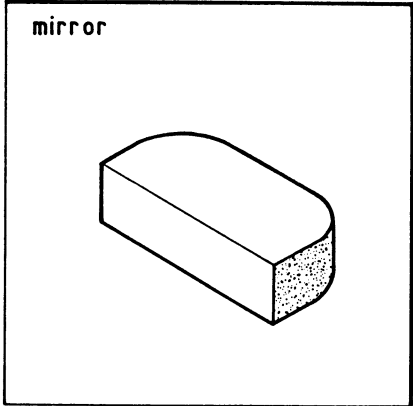
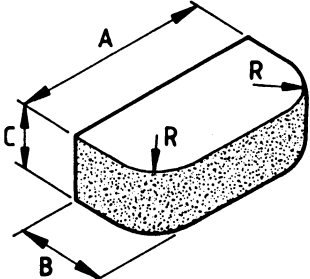
| Table 5. Group BN. Bullnose bricks<br>(All dimensions are in millimetres unless otherwise indicated.) |                                                                                                                                                                             |            |     |     |    |    |  |  |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|-----|----|----|--|--|
| Type and description                                                                                  | Diagram                                                                                                                                                                     | Dimensions |     |     |    |    |  |  |
|                                                                                                       |                                                                                                                                                                             | Type No.   | A   | B   | C  | R  |  |  |
| BN.1<br>Single bullnose<br>(left and right hand)                                                      | <br>LH shown                                                                              | BN.1.1     | 215 | 102 | 65 | 25 |  |  |
|                                                                                                       |                                                                                                                                                                             | BN.1.2     | 215 | 102 | 65 | 51 |  |  |
| BN.2<br>Double bullnose                                                                               | <br> | BN.2.1     | 215 | 102 | 65 | 25 |  |  |
|                                                                                                       |                                                                                                                                                                             | BN.2.2     | 215 | 102 | 65 | 51 |  |  |

**Table 5. Group BN. Bullnose bricks (continued)**  
(All dimensions are in millimetres unless otherwise indicated.)

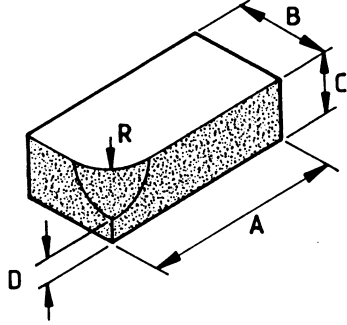
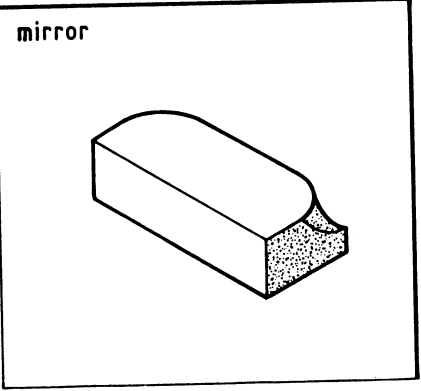
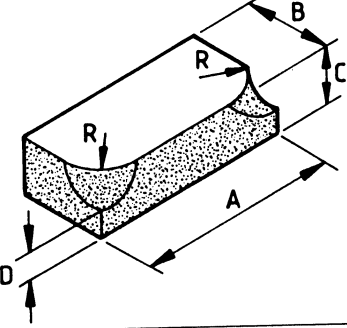
| Type and description                                  | Diagram                                                                                                                                                                                | Dimensions |     |     |    |    |    |  |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|-----|----|----|----|--|
|                                                       |                                                                                                                                                                                        | Type No.   | A   | B   | C  | D  | R  |  |
| BN.3<br>Single bullnose stop<br>(left and right hand) |  <p>LH shown</p>                                                                                     | BN.3.1     | 215 | 102 | 65 | 25 | 25 |  |
|                                                       |                                                                                                                                                                                        | BN.3.2     | 215 | 102 | 65 | 25 | 51 |  |
| BN.4<br>Double bullnose stop                          |  <p>mirror</p>  | BN.4.1     | 215 | 102 | 65 | 25 | 25 |  |
|                                                       |                                                                                                                                                                                        | BN.4.2     | 215 | 102 | 65 | 25 | 51 |  |

**Table 5. Group BN. Bullnose bricks (continued)**

(All dimensions are in millimetres unless otherwise indicated.)

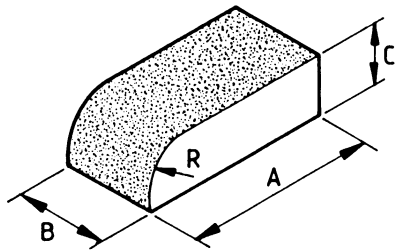
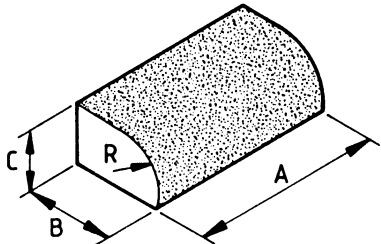
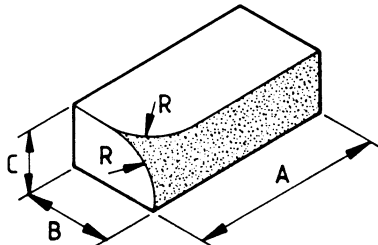
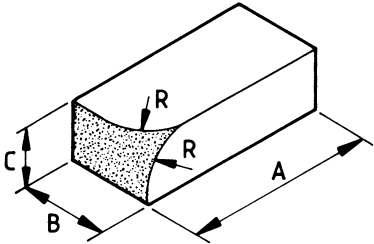
| Type and description                                                           | Diagram                                                                                          | Dimensions |     |     |     |    |  |  |  |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------|-----|-----|-----|----|--|--|--|
|                                                                                |                                                                                                  | Type No.   | A   | B   | C   | R  |  |  |  |
| BN.5<br>Single bullnose header on flat                                         |                | BN.5.1     | 215 | 102 | 65  | 25 |  |  |  |
|                                                                                |                                                                                                  | BN.5.2     | 215 | 102 | 65  | 51 |  |  |  |
| BN.6<br>Single bullnose stretcher on flat                                      |                | BN.6.1     | 215 | 102 | 65  | 25 |  |  |  |
|                                                                                |                                                                                                  | BN.6.2     | 215 | 102 | 65  | 51 |  |  |  |
| BN.7<br>Single bullnose internal return, stretcher faced (left and right hand) | <br>LH shown  | BN.7.1     | 215 | 102 | 65  | 25 |  |  |  |
|                                                                                |                                                                                                  | BN.7.2     | 215 | 102 | 65  | 51 |  |  |  |
|                                                                                |                                                                                                  | BN.7.3     | 215 | 102 | 215 | 25 |  |  |  |
|                                                                                |                                                                                                  | BN.7.4     | 215 | 102 | 215 | 51 |  |  |  |
| BN.8<br>Single bullnose internal return, header faced (left and right hand)    | <br>LH shown | BN.8.1     | 215 | 102 | 65  | 25 |  |  |  |
|                                                                                |                                                                                                  | BN.8.2     | 215 | 102 | 65  | 51 |  |  |  |
|                                                                                |                                                                                                  | BN.8.3     | 215 | 102 | 102 | 25 |  |  |  |
|                                                                                |                                                                                                  | BN.8.4     | 215 | 102 | 102 | 51 |  |  |  |

**Table 5. Group BN. Bullnose bricks (continued)**  
(All dimensions are in millimetres unless otherwise indicated.)

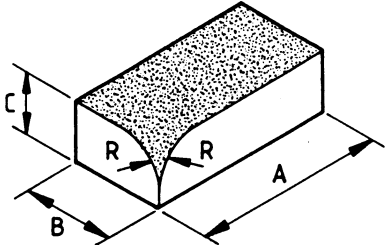
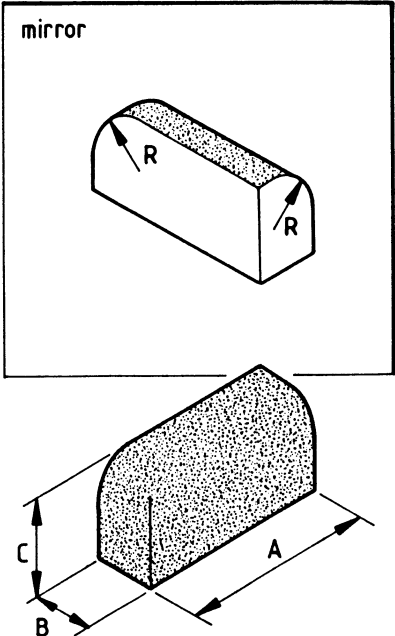
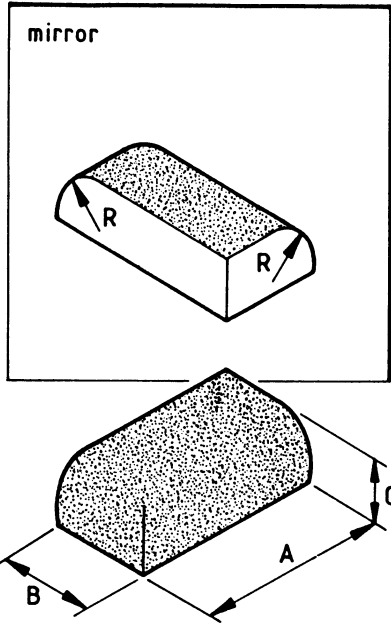
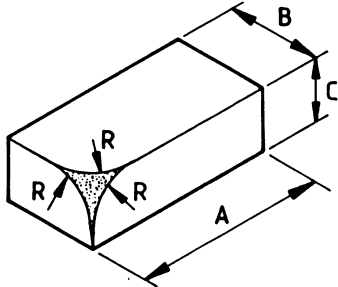
| Type and description                                               | Diagram                                                                                                                        | Dimensions |     |     |     |    |  |  |  |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------|-----|-----|-----|----|--|--|--|
|                                                                    |                                                                                                                                | Type No.   | A   | B   | C   | R  |  |  |  |
| BN.9<br>Bullnose internal return, flat faced (left and right hand) |  <p>LH shown</p>                             | BN.9.1     | 215 | 102 | 65  | 25 |  |  |  |
|                                                                    |                                                                                                                                | BN.9.2     | 215 | 102 | 65  | 51 |  |  |  |
| BN.10<br>Bullnose external return on edge (left and right hand)    | <div> <p>mirror</p>  <p>LH shown</p> </div> | BN.10.1    | 215 | 65  | 102 | 25 |  |  |  |
|                                                                    |                                                                                                                                | BN.10.2    | 215 | 65  | 102 | 51 |  |  |  |
|                                                                    |                                                                                                                                | BN.10.3    | 215 | 215 | 102 | 25 |  |  |  |
|                                                                    |                                                                                                                                | BN.10.4    | 215 | 215 | 102 | 51 |  |  |  |

**Table 5. Group BN. Bullnose bricks (continued)**  
(All dimensions are in millimetres unless otherwise indicated.)

| Type and description                                            | Diagram                                                                                             | Dimensions |     |     |    |    |  |  |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------|-----|-----|----|----|--|--|
| BN.11<br>Bullnose external return on flat (left and right hand) |  <p>LH shown</p>  | Type No.   | A   | B   | C  | R  |  |  |
|                                                                 |                                                                                                     | BN.11.1    | 215 | 102 | 65 | 25 |  |  |
|                                                                 |                                                                                                     | BN.11.2    | 215 | 102 | 65 | 51 |  |  |
|                                                                 |                                                                                                     | BN.11.3    | 215 | 215 | 65 | 25 |  |  |
|                                                                 |                                                                                                     | BN.11.4    | 215 | 215 | 65 | 51 |  |  |
| BN.12<br>Bullnose mitre (left and right hand)                   |  <p>LH shown</p> | BN.12.1    | 215 | 102 | 65 | 25 |  |  |
|                                                                 |                                                                                                     | BN.12.2    | 215 | 102 | 65 | 51 |  |  |

| <b>Table 5. Group BN. Bullnose bricks</b> <i>(continued)</i><br>(All dimensions are in millimetres unless otherwise indicated.) |  |            |  |            |     |     |    |    |
|---------------------------------------------------------------------------------------------------------------------------------|--|------------|--|------------|-----|-----|----|----|
| Type and description                                                                                                            |  | Diagram    |  | Dimensions |     |     |    |    |
| BN.13<br>Bullnose double header on flat                                                                                         |  | mirror<br> |  | Type No.   | A   | B   | C  | R  |
|                                                                                                                                 |  |            |  | BN.13.1    | 215 | 102 | 65 | 25 |
|                                                                                                                                 |  |            |  | BN.13.2    | 215 | 102 | 65 | 51 |

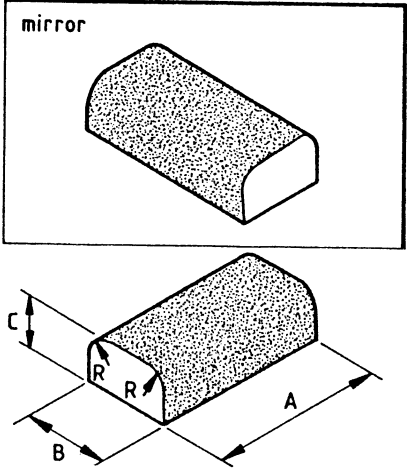
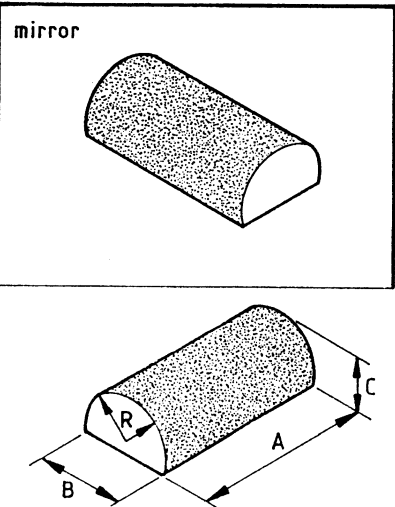
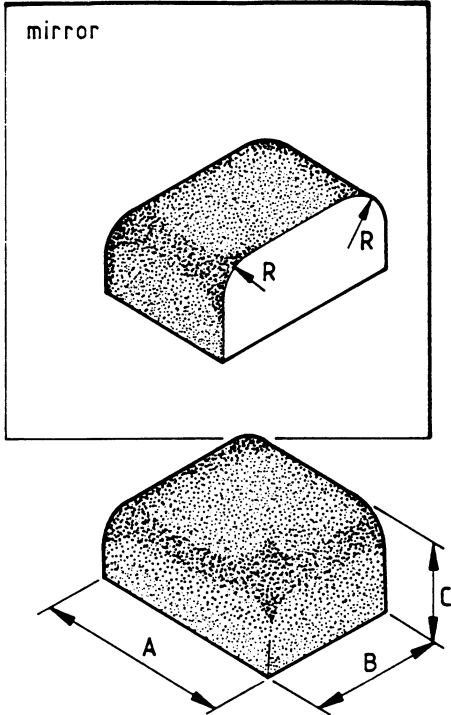
| Table 5. Group BN. Bullnose bricks (continued)<br>(All dimensions are in millimetres unless otherwise indicated.) |                                                                                     |            |     |     |    |    |  |  |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|-----|-----|----|----|--|--|
| Type and description                                                                                              | Diagram                                                                             | Dimensions |     |     |    |    |  |  |
|                                                                                                                   |                                                                                     | Type No.   | A   | B   | C  | R  |  |  |
| BN.14<br>Bullnose double stretcher on flat                                                                        |   | BN.14.1    | 215 | 102 | 65 | 25 |  |  |
| BN.14<br>Bullnose double stretcher on flat                                                                        |  | BN.14.2    | 215 | 102 | 65 | 51 |  |  |

**Table 5. Group BN. Bullnose bricks** (*continued*)

(All dimensions are in millimetres unless otherwise indicated.)

| Type and description                                                                                       | Diagram                                                                                           | Dimensions |     |     |     |    |  |  |  |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------|-----|-----|-----|----|--|--|--|
|                                                                                                            |                                                                                                   | Type No.   | A   | B   | C   | R  |  |  |  |
| BN.15<br>Stop end to double bullnose on edge and to bullnose double header on flat (square corners on bed) | <p>mirror</p>  | BN.15.1    | 215 | 159 | 102 | 25 |  |  |  |
|                                                                                                            |                                                                                                   | BN.15.2    | 215 | 159 | 102 | 51 |  |  |  |
|                                                                                                            |                                                                                                   | BN.15.3    | 215 | 215 | 102 | 25 |  |  |  |
|                                                                                                            |                                                                                                   | BN.15.4    | 215 | 215 | 102 | 51 |  |  |  |
|                                                                                                            |                                                                                                   | BN.15.5    | 215 | 159 | 65  | 25 |  |  |  |
|                                                                                                            |                                                                                                   | BN.15.6    | 215 | 159 | 65  | 51 |  |  |  |
|                                                                                                            |                                                                                                   | BN.15.7    | 215 | 215 | 65  | 25 |  |  |  |
|                                                                                                            |                                                                                                   | BN.15.8    | 215 | 215 | 65  | 51 |  |  |  |