



**EH Smith**

Builders Merchants

# Special Shaped Bricks Guide

# Brick experts since 1922

EH Smith stock an extensive range of Smooth Red and Smooth Blue brick specials at each branch.

We also have access to source many other brick specials directly from our suppliers.

Ask a member of the brick team for more information.



Helpful  
advice



Brick  
matching



Direct to site  
delivery



Solus  
brick range



Dedicated  
expert team



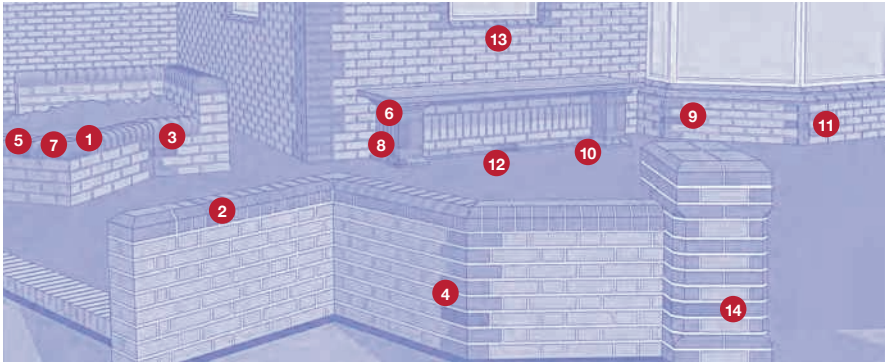
Huge stocks  
available

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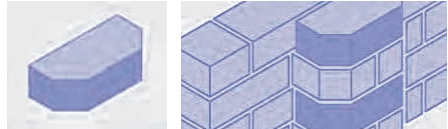
# Specials in Situ



**1. BN.10.2**  
**Bullnose External Return**



**2. AN.6.1/AN.6.2**  
**Double Cant**



**3. AN.3.2**  
**45° Internal Angle**



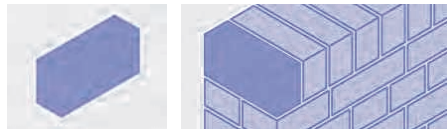
**4. AN.2.2**  
**45° External Angle**



**5. BN.2.1/BN.2.2**  
**Double Bullnose**



**6. BD.1.3**  
**Standard Brick Fair Faced**





**7. BN.1.1/BN.1.2**  
Single Bullnose



**8. PL.7.1/PL.7.2**  
Plinth External Return



**9. AN.1.2**  
45° Squint Brick



**10. PL.4.1/PL.4.2**  
Plinth Internal Return



**11. I.UJ.7.1**  
Easyangle®



**12. PL.3.1/PL.3.2**  
Plinth Stretcher



**13. PL.2.1/PL.2.2**  
Plinth Header



**14. AN.5.1/AN.5.2**  
Single Cant

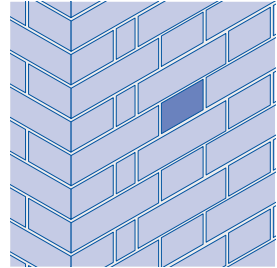
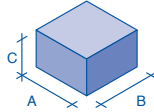
# Bonded Bricks

Group BD

Typically used where there is a requirement for non-full size pieces of brick

## Half bat (snapheader)

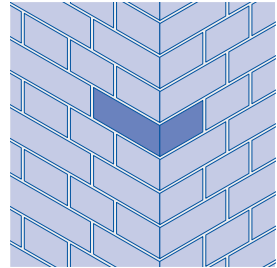
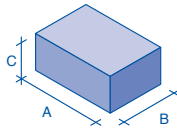
Type	A	B	C
BD.1.1	102	102	65



BD.1.1

## Three-quarter bat

Type	A	B	C
BD.1.2	159	102	65

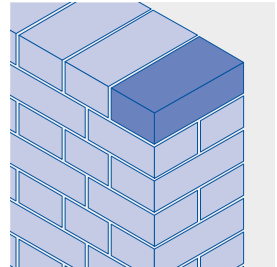
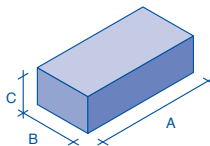


BD.1.2

## Standard brick fair-faced on bed surface

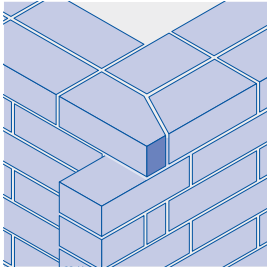
Type	A	B	C
BD.1.3	215	102	65

**NOTE:** Faced on 2 headers  
1 stretcher and 1 bed

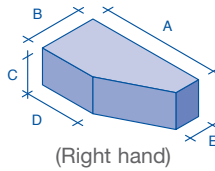


BD.1.3

**King closer (left and right hand)**

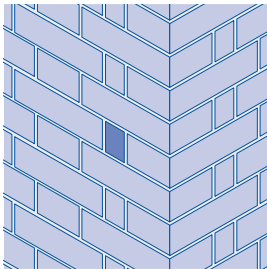


Type	A	B	C	D	E
BD.2	215	102	65	102	46

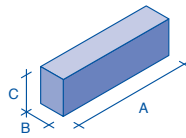


**BD.2**

**Queen closer**

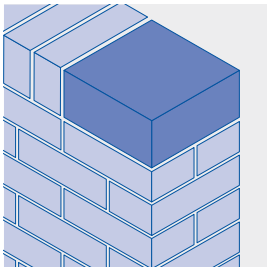


Type	A	B	C
BD.3	215	46	65



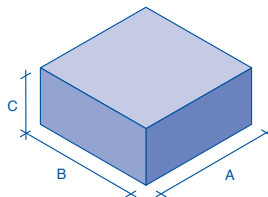
**BD.3**

**Square stop end**



Type	A	B	C
BD.4.1	215	159	102
BD.4.2	215	159	65
BD.4.3	215	215	102
BD.4.4	215	215	65

**NOTE:** Faced on 3 stretchers and 1 bed



**BD.4**

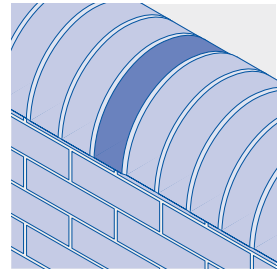
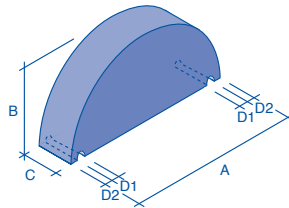
# Copings and Cappings

Group BN

Typically used as decorative finish to parapet walls and free-standing walls, plus helps to protect the brickwork beneath.

## Half round coping

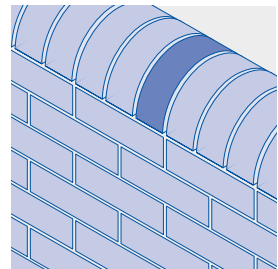
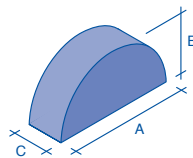
Type	A	B	C	D <sup>1</sup>	D <sup>2</sup>
CP.1.1	305	153	65	13	15



CP.1.1

## Half round capping

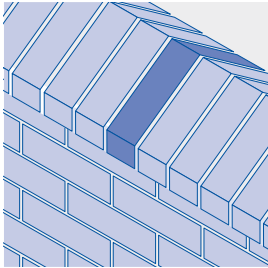
Type	A	B	C
CP.1.2	215	108	65



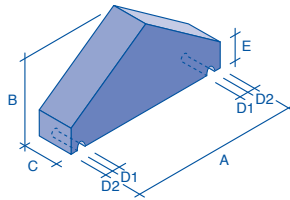
CP.1.2

Note: All copings and cappings must be frost resistant i.e. F2 to BSEN771-1. Copings always overhang the brickwork beneath; cappings are flush with the vertical brickwork. It is also recommended that careful consideration is given to the detailing below both copings and cappings.

### Saddleback coping

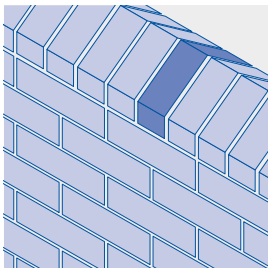


Type	A	B	C	D <sub>1</sub>	D <sub>2</sub>	E
CP.2.1	305	153	65	13	15	50

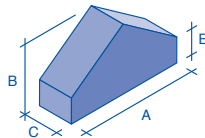


CP.2.1

### Saddleback capping



Type	A	B	C	E
CP.2.2	215	123	65	50



CP.2.2

# Bullnose Bricks

Group BN

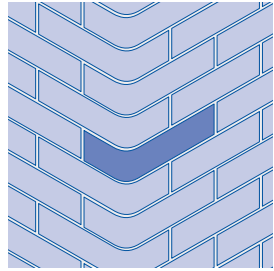
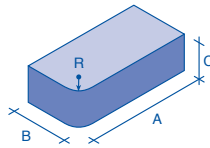
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## Single bullnose (left and right hand)

Type	A	B	C	R
BN.1.1	215	103	65	25
BN.1.2	215	103	65	51

BN.1

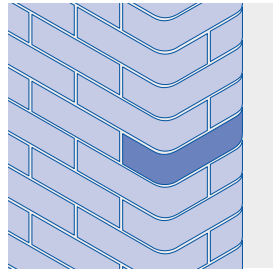
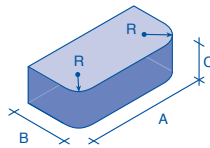
(Left hand)



## Double bullnose

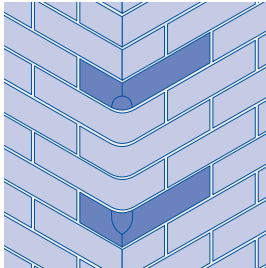
Type	A	B	C	R
BN.2.1	215	102	65	25
BN.2.2	215	102	65	51

BN.2



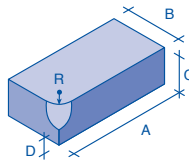
Typically used for feature brickwork where a radius is required, for example, corner details, window/door reveals, pier work. Can also act as capping (see Group CP) or for edging kerbs. This group also includes special bricks to provide an aesthetic visual transition between square and curved elements.

### Single bullnose stop (left and right hand)



Type	A	B	C	D	R
BN.3.1	215	102	65	25	25
BN.3.2	215	102	65	25	51

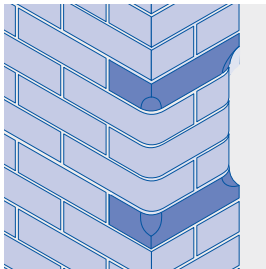
Associated special brick: BN.1



(Left hand)

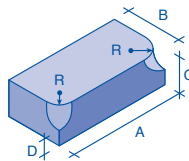
**BN.3**

### Double bullnose stop



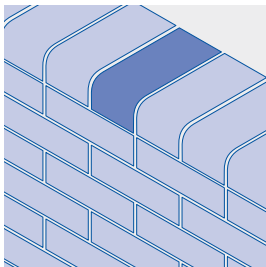
Type	A	B	C	D	R
BN.4.1	215	102	65	25	25
BN.4.2	215	102	65	25	51

Associated special bricks: BN.1, BN.2

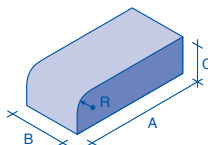


**BN.4**

### Single bullnose header on flat



Type	A	B	C	R
BN.5.1	215	102	65	25
BN.5.2	215	102	65	51



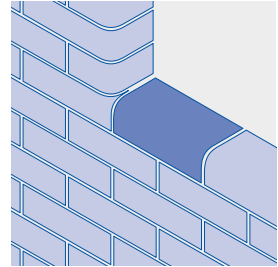
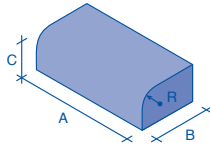
**BN.5**

# Bullnose Bricks

Group BN

## Single bullnose stretcher on flat

Type	A	B	C	R
BN.6.1	215	102	65	25
BN.6.2	215	102	65	51



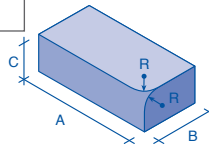
**BN.6**

## Single bullnose internal return, stretcher fair-faced (left and right hand)

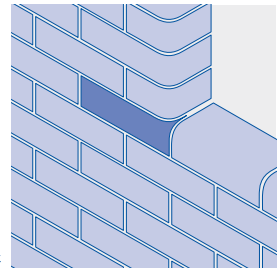
Type	A	B	C	R
BN.7.1	215	102	65	25
BN.7.2	215	102	65	51
BN.7.3	215	102	215	25
BN.7.4	215	102	215	51

Associated special bricks:  
BN.1, BN.5, BN.6

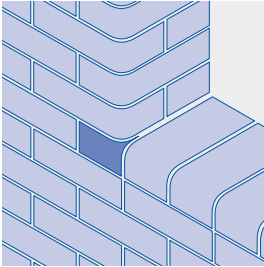
**BN.7**



(Right hand)



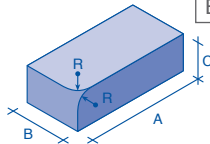
**Single bullnose internal return, header fair-faced (left and right hand)**



Type	A	B	C	R
BN.8.1	215	102	65	25
BN.8.2	215	102	65	51
BN.8.3	215	102	215	25
BN.8.4	215	102	215	51

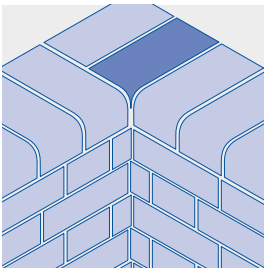
Associated special bricks:  
BN.1, BN.5, BN.6

**BN.8**



**(Left hand)**

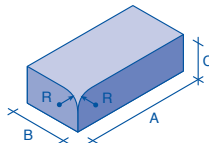
**Bullnose internal return, flat fair-faced (left and right hand)**



Type	A	B	C	R
BN.9.1	215	102	65	25
BN.9.2	215	102	65	51

Associated special bricks:  
BN.5, BN.6

**BN.9**



**(Left hand)**

# Bullnose Bricks

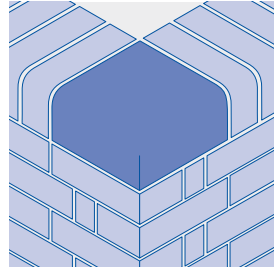
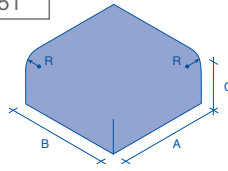
Group BN

## Bullnose external return on edge (left and right hand)

Type	A	B	C	R
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

Associated special brick:  
BN.1

**BN.10**

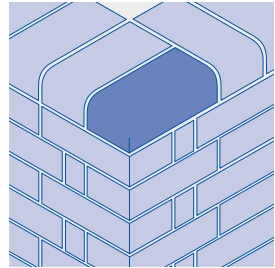
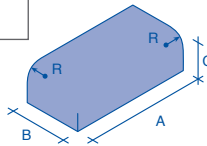


## Bullnose external return on flat (left and right hand)

Type	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

Associated special bricks:  
BN.5, BN.6

**BN.11**

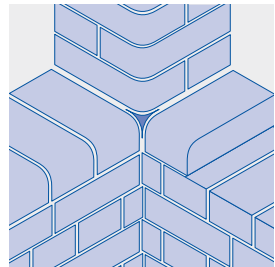
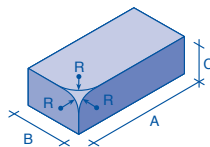


## Bullnose mitre (left and right hand)

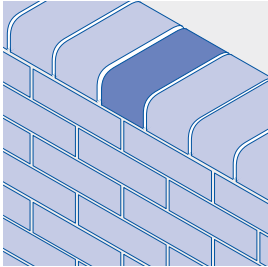
Type	A	B	C	R
BN.12.1	215	103	65	25
BN.12.2	215	103	65	51

Associated special bricks:  
BN.1, BN.5, BN.6

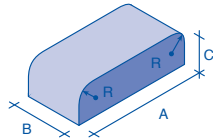
**BN.12**



**Bullnose double header on flat**

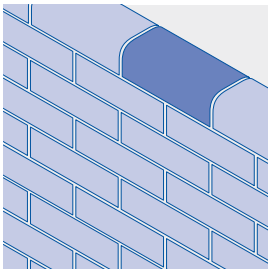


Type	A	B	C	R
BN.13.1	215	102	65	25
BN.13.2	215	102	65	51

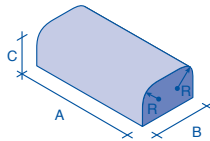


**BN.13**

**Bullnose double stretcher on flat**



Type	A	B	C	R
BN.14.1	215	102	65	25
BN.14.2	215	102	65	51



**BN.14**

# Bullnose Bricks

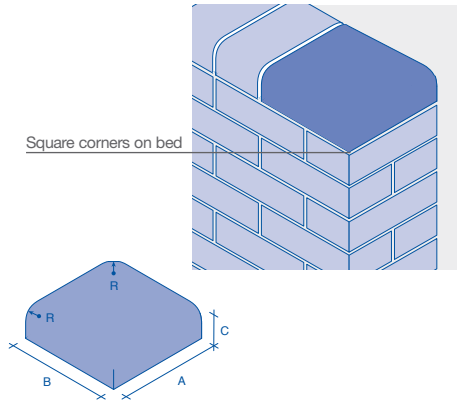
Group BN

**Stop End to double bullnose on edge and to bullnose double header on flat**  
(square corners on bed).

Type	A	B	C	R
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

Associated special bricks:  
BN.2, BN.13

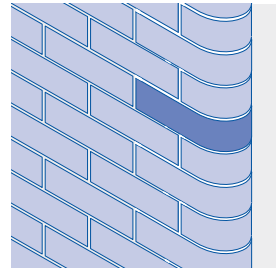
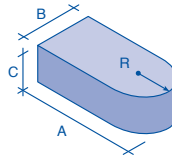
**BN.15**



## Cownose

Type	A	B	C	R
BN.16.1	215	103	65	25
BN.16.2	215	103	65	51

**BN.16**

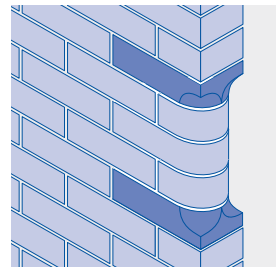
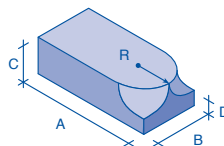


## Cownose stop

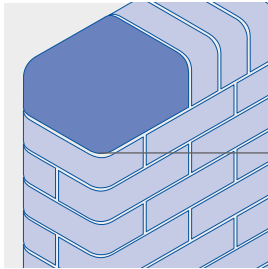
Type	A	B	C	D	R
BN.17.1	215	102	65	25	25
BN.17.2	215	102	65	25	51

Associated special brick:  
BN.16

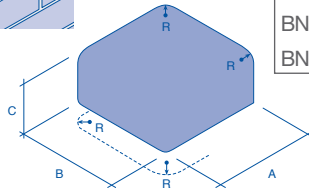
**BN.17**



**Stop End to double bullnose on edge and to bullnose double header on flat**  
(rounded corners on bed)



Rounded corners on bed

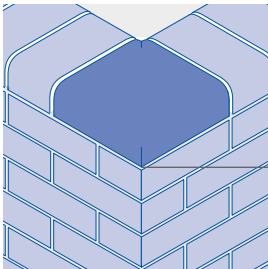


Type	A	B	C	R
BN.18.1	215	159	102	25
BN.18.2	215	159	102	51
BN.18.3	215	215	102	25
BN.18.4	215	215	102	51
BN.18.5	215	159	65	25
BN.18.6	215	159	65	51
BN.18.7	215	215	65	25
BN.18.8	215	215	65	51

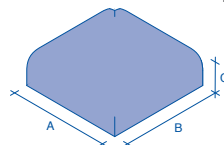
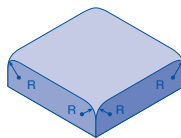
Associated special bricks:  
BN.1, BN.2, BN.13

**BN.18**

**External return to double bullnose on edge and to bullnose double header on flat**  
(square corners on bed)



Square corners on bed



Type	A	B	C	R
BN.19.1	215	215	102	25
BN.19.2	215	215	102	51
BN.19.3	215	215	65	25
BN.19.4	215	215	65	51

Associated special bricks:  
BN.2, BN.13

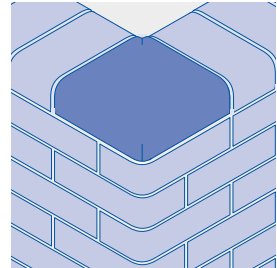
**BN.19**

# Bullnose Bricks

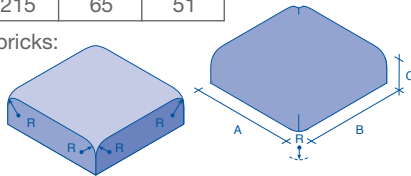
Group BN

**External return to double bullnose on edge and to bullnose double header on flat (rounded corners on bed)**

Type	A	B	C	R
BN.20.1	215	215	102	25
BN.20.2	215	215	102	51
BN.20.3	215	215	65	25
BN.20.4	215	215	65	51



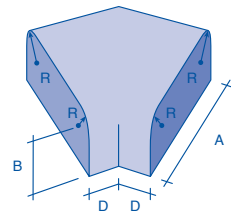
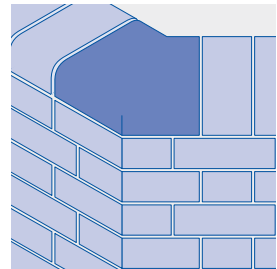
Associated special bricks:  
BN.1, BN.2, BN.13



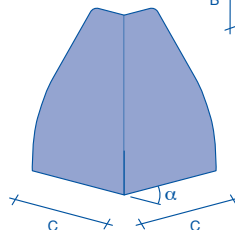
**BN.20**

**Double bullnose external return to double bullnose on edge and to bullnose double header on flat**

Type	A	B	C	D	R	$\alpha$
BN.21.1	215	102	159	101	25	30°
BN.21.2	215	102	159	101	51	30°
BN.21.3	215	65	159	101	25	30°
BN.21.4	215	65	159	101	51	30°
BN.21.5	215	102	159	70	25	45°
BN.21.6	215	102	159	70	51	45°
BN.21.7	215	65	159	70	25	45°
BN.21.8	215	65	159	70	51	45°
BN.21.9	215	102	159	35	25	60°
BN.21.10	215	102	159	35	51	60°
BN.21.11	215	65	159	35	25	60°
BN.21.12	215	65	159	35	51	60°



Associated special bricks:  
BN.2, BN.13, AN.1, AN.2, AN.3



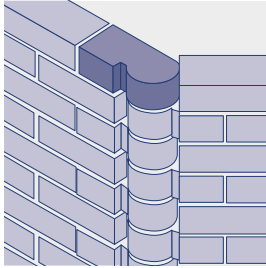
**BN.21**

Angle bricks generally serve a functional purpose where it is necessary to carry a building element through an angle other than 90°.

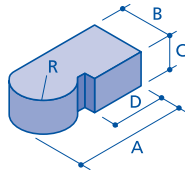
# Angle and Cant Bricks

Group AN

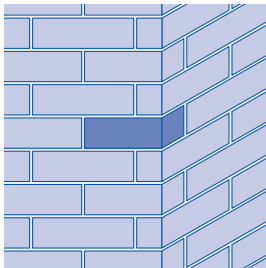
## Easyangle



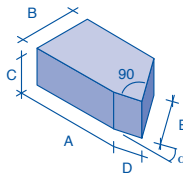
Type	A	B	C	D	
I.UJ.7.1	215	102	65	102	30°



## Squint (Left or right hand)

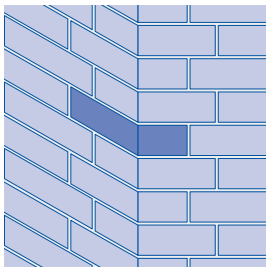


Type	A	B	C	D	E	$\alpha$
AN.1.1	164	102	65	51	89	30°
AN.1.2	164	102	65	51	94	45°
AN.1.3	164	102	65	51	117	60°



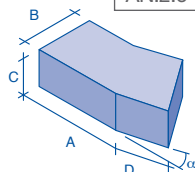
AN.1

## External angle (left or right hand)



Type	A	B	C	D	$\alpha$
AN.2.1	159	102	65	103	30 <sup>*a</sup>
AN.2.2	159	102	65	103	45 <sup>*a</sup>
AN.2.3	159	102	65	103	60 <sup>*a</sup>
AN.2.4	215	102	65	103	30 <sup>†</sup>
AN.2.5	215	102	65	103	45 <sup>†</sup>
AN.2.6	215	102	65	103	60 <sup>†</sup>

Note: Some types of brick may not be available with A=215  
<sup>\*</sup> Suitable for quarter bond without cutting  
<sup>†</sup> Suitable for half bond without cutting



(Right hand)

AN.2

# Angle and Cant Bricks

Group AN

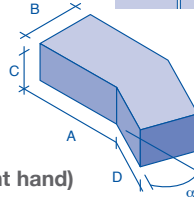
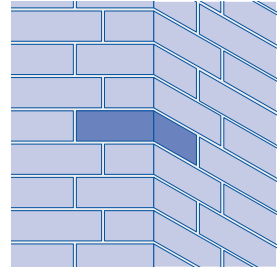
## Internal angle (dog leg) (Left or right hand)

Type	A	B	C	D	$\alpha$
AN.3.1	164	102	65	51	30°†
AN.3.2	164	102	65	51	45°†
AN.3.3	164	102	65	51	60°†
AN.3.4	159	102	65	102	30°*
AN.3.5	159	102	65	102	45°*
AN.3.6	159	102	65	102	60°*
AN.3.7	215	102	65	102	30°†
AN.3.8	215	102	65	102	45°†
AN.3.9	215	102	65	102	60°†

Note: Some types of brick may not be available with A=215

\* Suitable for quarter bond without cutting

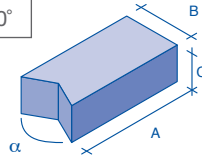
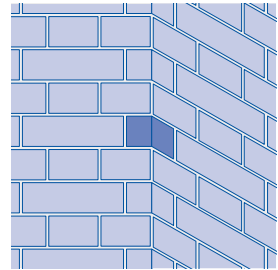
† Suitable for half bond without cutting



(Right hand)

## Birdsmouth

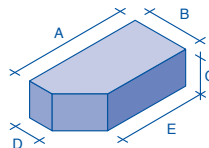
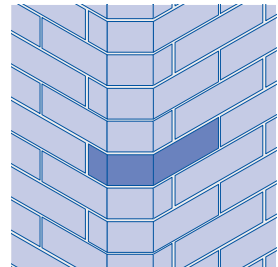
Type	A	B	C	$\alpha$
AN.4.1	215	102	65	120°
AN.4.2	215	102	65	135°
AN.4.3	215	102	65	150°



AN.4

## Single cant (left or right hand)

Type	A	B	C	D	E
AN.5.1	215	102	65	46	159
AN.5.2	215	102	65	60	173

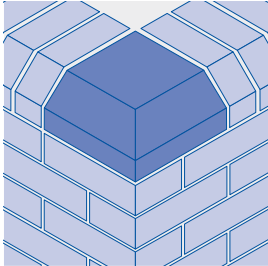


AN.5

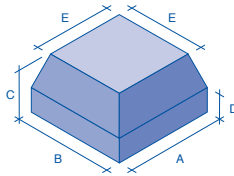
(Left hand)

Cant bricks are typically used for feature brickwork where crisp, clean lines are required e.g. corner details, window/door reveals, pier work. They can also be used for capping (see Group CP).

### Single cant return



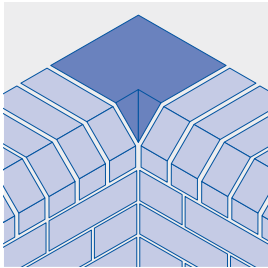
Type	A	B	C	D	E
AN.7.1	215	215	102	46	159
AN.7.2	215	215	102	60	173



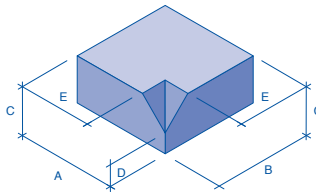
Associated special bricks:  
AN.5

**AN.7**

### Single cant internal return with internal mitre (square external corner on bed)



Type	A	B	C	D	E
AN.8.1	215	215	102	46	159
AN.8.2	215	215	102	60	173

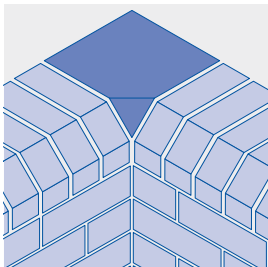


Associated special brick:  
AN.5

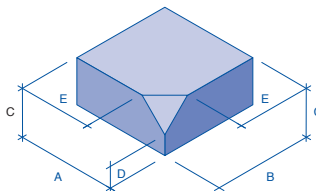
**Note:** Faced on 2 full stretchers

**AN.8**

### Single cant internal return with internal slope (square external corner on bed)



Type	A	B	C	D	E
AN.9.1	215	215	102	46	159
AN.9.2	215	215	102	60	173



Associated special brick:  
AN.5

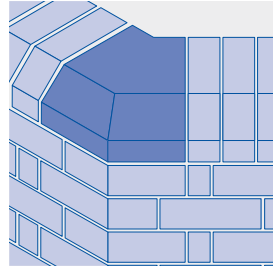
**Note:** Faced on 2 full stretchers

# Angle and Cant Bricks

Group AN

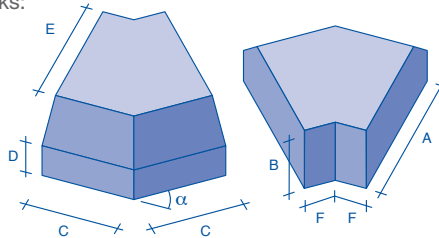
## Single cant external angle

Type	A	B	C	D	E	F	$\alpha$
AN.10.1	215	102	159	46	159	101	30°
AN.10.2	215	102	159	60	173	101	30°
AN.10.3	215	102	159	46	159	70	45°
AN.10.4	215	102	159	60	173	70	45°
AN.10.5	215	102	159	46	159	35	60°
AN.10.6	215	102	159	60	173	35	60°



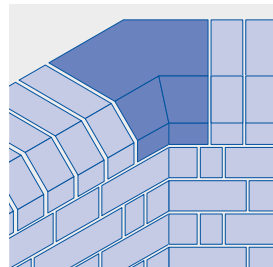
Associated special bricks:  
AN.2, AN.5

AN.10



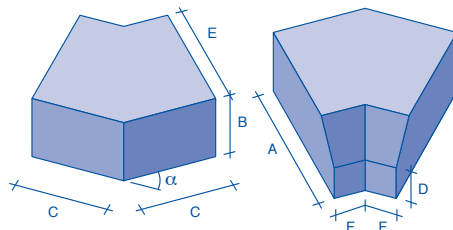
## Single cant internal angle

Type	A	B	C	D	E	F	$\alpha$
AN.11.1	215	102	159	46	159	101	30°
AN.11.2	215	102	159	60	173	101	30°
AN.11.3	215	102	159	46	159	70	45°
AN.11.4	215	102	159	60	173	70	45°
AN.11.5	215	102	159	46	159	35	60°
AN.11.6	215	102	159	60	173	35	60°

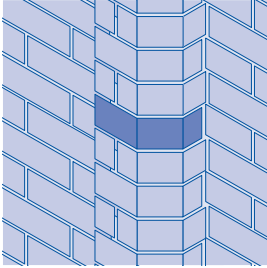


Associated special bricks:  
AN.3, AN.5

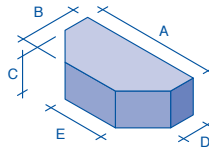
AN.11



**Double cant**

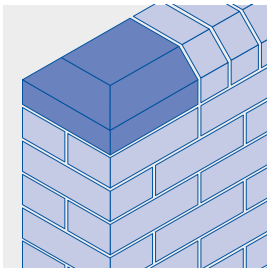


Type	A	B	C	D	E
AN.6.1	215	102	65	46	102
AN.6.2	215	102	65	60	131



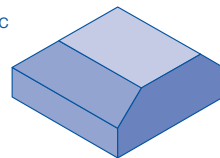
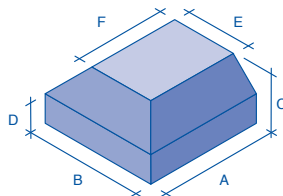
**AN.6**

**Double cant stop end (square corners on bed)** (square corners on bed)



Type	A	B	C	D	E	F
AN.12.1	215	215	102	46	102	159
AN.12.2	215	215	102	60	131	173

Associated special brick:  
AN.6



**AN.12**

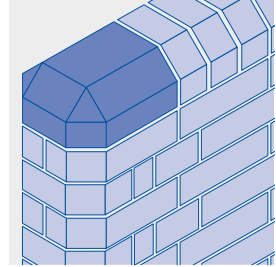
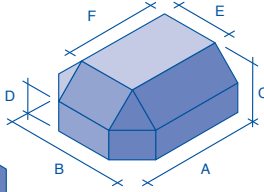
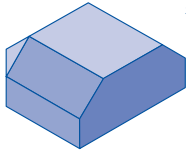
# Angle and Cant Bricks

Group AN

## Double cant stop end (canted corners)

Type	A	B	C	D	E	F
AN.13.1	215	215	102	46	103	159
AN.13.2	215	215	102	60	131	173

Associated special bricks:  
AN.5, AN.6

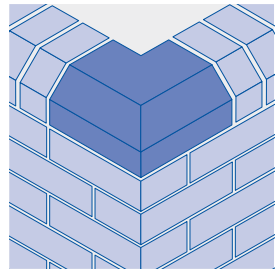
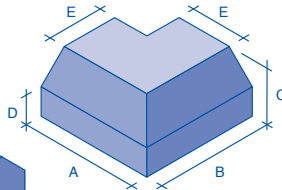
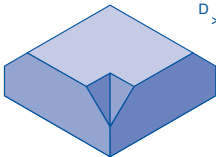


AN.13

## Double cant external return with internal mitre (square corners on bed)

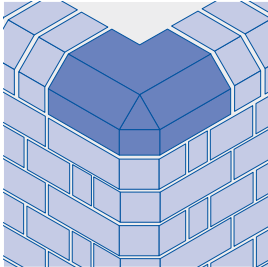
Type	A	B	C	D	E
AN.14.1	215	215	102	46	102
AN.14.2	215	215	102	60	131

Associated special brick:  
AN.6

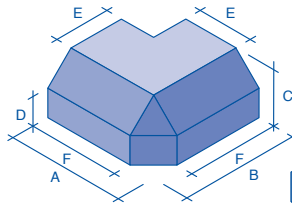


AN.14

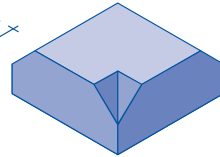
**Double cant external return with internal mitre** (canted corners on bed)



Type	A	B	C	D	E	F
AN.15.1	215	215	102	46	102	159
AN.15.2	215	215	102	60	131	173

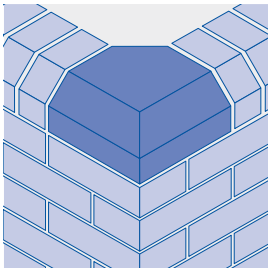


Associated special bricks:  
AN.5, AN.6

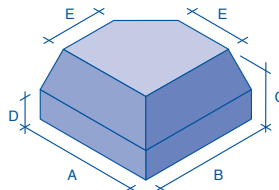


AN.15

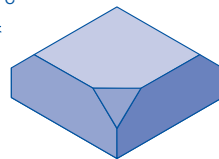
**Double cant external return with internal slope** (square corners on bed)



Type	A	B	C	D	E
AN.16.1	215	215	102	46	102
AN.16.2	215	215	102	60	131



Associated special brick:  
AN.6



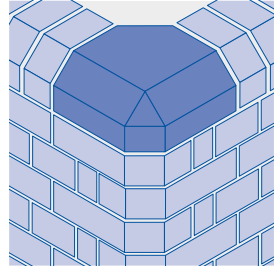
AN.16

# Angle and Cant Bricks

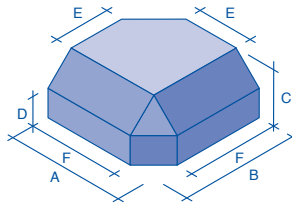
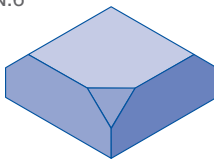
Group AN

## Double cant external return with internal slope (canted corners on bed)

Type	A	B	C	D	E	F
AN.17.1	215	215	102	46	103	159
AN.17.2	215	215	102	60	131	173



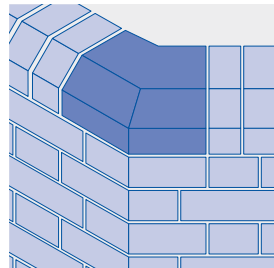
Associated special bricks:  
AN.5, AN.6



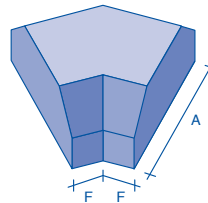
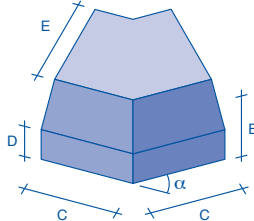
AN.17

## Double cant angle

Type	A	B	C	D	E	F	$\theta$
AN.18.1	215	102	159	46	102	101	30°
AN.18.2	215	102	159	60	131	101	30°
AN.18.3	215	102	159	46	102	70	45°
AN.18.4	215	102	159	60	131	70	45°
AN.18.5	215	102	159	46	102	35	60°
AN.18.6	215	102	159	60	131	35	60°



Associated special bricks:  
AN.2, AN.3, AN.6



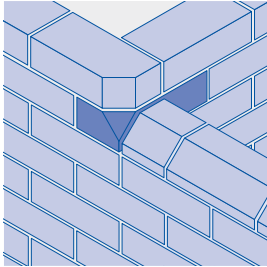
AN.18

Typically used for aesthetic detailing where hard lines are required e.g. returns, window cills, corbelling details, kerbs and capping (see Group CP).

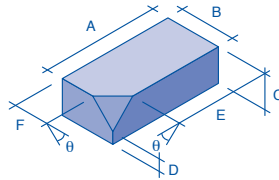
# Plinth Bricks

Group PL

## Plinth stop or cant stop (left or right hand)



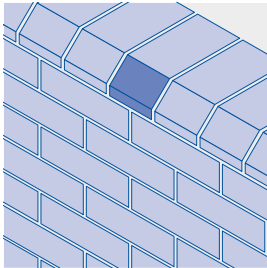
Type	A	B	C	D	E	F	$\theta$
PL.1.1	215	102	65	9	159	46	45°
PL.1.2	215	102	65	23	173	60	45°



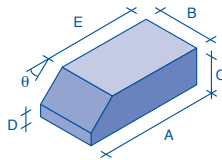
Associated special bricks:  
PL.2, PL.3, AN.5

PL.1

## Plinth header

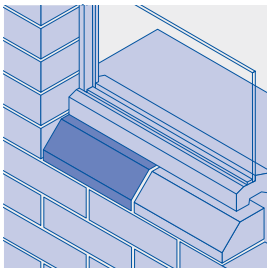


Type	A	B	C	D	E	$\theta$
PL.2.1	215	102	65	9	159	45°
PL.2.2	215	102	65	23	173	45°

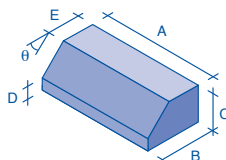


PL.2

## Plinth stretcher



Type	A	B	C	D	E	$\theta$
PL.3.1	215	102	65	9	46	45°
PL.3.2	215	102	65	23	60	45°



PL.3

# Angle and Cant Bricks

Group PL

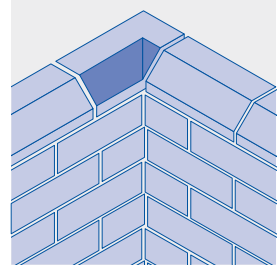
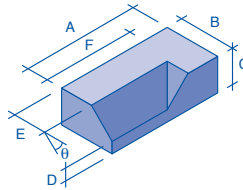
## Plinth internal return (left or right hand)

Type	A	B	C	D	E	F	$\theta$
PL.4.1	215	102	65	9	46	169	45°
PL.4.2	215	102	65	23	60	155	45°

Associated special brick:  
PL.3

PL.4

(Left hand)

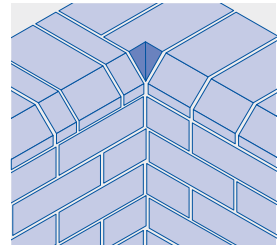
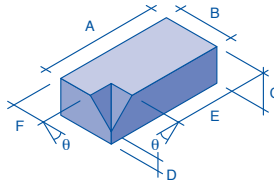


## Plinth internal return (short) (left or right hand)

Type	A	B	C	D	E	F	$\theta$
PL.5.1	215	102	65	9	159	46	45°
PL.5.2	215	102	65	23	173	60	45°

Associated special bricks:  
PL.2, PL.3

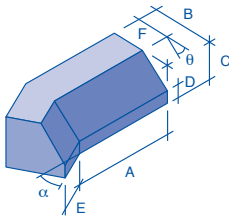
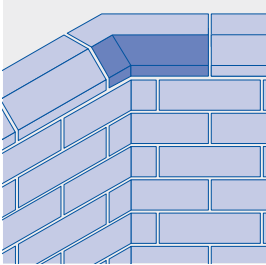
PL.5



# Plinth Bricks

Group PL

## Plinth internal angle (left or right hand)



Type	A	B	C	D	E	F	$\alpha$	$\theta$
PL.6.1	164	102	65	9	51	46	30 <sup>†</sup>	45 <sup>°</sup>
PL.6.2	164	102	65	23	51	60	30 <sup>†</sup>	45 <sup>°</sup>
PL.6.3	164	102	65	9	51	46	45 <sup>†</sup>	45 <sup>°</sup>
PL.6.4	164	102	65	23	51	60	45 <sup>†</sup>	45 <sup>°</sup>
PL.6.5	164	102	65	9	51	46	60 <sup>†</sup>	45 <sup>°</sup>
PL.6.6	164	102	65	23	51	60	60 <sup>†</sup>	45 <sup>°</sup>
PL.6.7	159	102	65	9	102	46	30 <sup>°</sup>	45 <sup>°</sup>
PL.6.8	159	102	65	23	102	60	30 <sup>°</sup>	45 <sup>°</sup>
PL.6.9	159	102	65	9	102	46	45 <sup>°</sup>	45 <sup>°</sup>
PL.6.10	159	102	65	23	102	60	45 <sup>°</sup>	45 <sup>°</sup>
PL.6.11	159	102	65	9	102	46	60 <sup>°</sup>	45 <sup>°</sup>
PL.6.12	159	102	65	23	102	60	60 <sup>°</sup>	45 <sup>°</sup>
PL.6.13	215	102	65	9	102	46	30 <sup>†</sup>	45 <sup>°</sup>
PL.6.14	215	102	65	23	102	60	30 <sup>†</sup>	45 <sup>°</sup>
PL.6.15	215	102	65	9	102	46	45 <sup>†</sup>	45 <sup>°</sup>
PL.6.16	215	102	65	23	102	60	45 <sup>†</sup>	45 <sup>°</sup>
PL.6.17	215	102	65	9	102	46	60 <sup>†</sup>	45 <sup>°</sup>
PL.6.18	215	102	65	23	102	60	60 <sup>†</sup>	45 <sup>°</sup>

Associated special bricks:

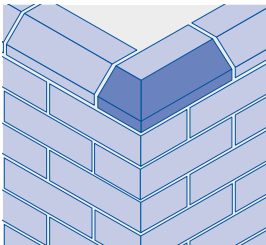
PL.3, AN.3

**Note:** Some types of brick may not be available with A=215

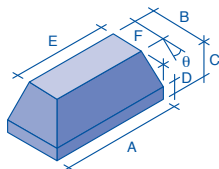
\* Suitable for quarter bond without cutting † Suitable for half bond without cutting

**PL.6**

## Plinth external return (left or right hand)



Type	A	B	C	D	E	F	$\theta$
PL.7.1	215	102	65	9	159	46	45 <sup>°</sup>
PL.7.2	215	102	65	23	173	60	45 <sup>°</sup>



Associated special brick:

PL.3

**PL.7**

# Angle and Cant Bricks

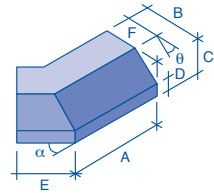
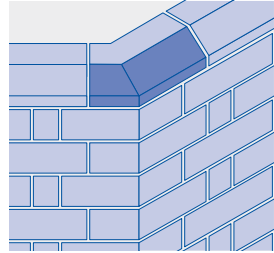
Group PL

## Plinth external angle (left or right hand)

Type	A	B	C	D	E	F	$\alpha$	$\theta$
PL.8.1	159	102	65	9	102	46	$30^{\text{st}}$	$45^{\circ}$
PL.8.2	159	102	65	23	102	60	$30^{\text{st}}$	$45^{\circ}$
PL.8.3	159	102	65	9	102	46	$45^{\text{st}}$	$45^{\circ}$
PL.8.4	159	102	65	23	102	60	$45^{\text{st}}$	$45^{\circ}$
PL.8.5	159	102	65	9	102	46	$60^{\text{st}}$	$45^{\circ}$
PL.8.6	159	102	65	23	102	60	$60^{\text{st}}$	$45^{\circ}$
PL.8.7	215	102	65	9	102	46	$30^{\text{st}}$	$45^{\circ}$
PL.8.8	215	102	65	23	102	60	$30^{\text{st}}$	$45^{\circ}$
PL.8.9	215	102	65	9	102	46	$45^{\text{st}}$	$45^{\circ}$
PL.8.10	215	102	65	23	102	60	$45^{\text{st}}$	$45^{\circ}$
PL.8.11	215	102	65	9	102	46	$60^{\text{st}}$	$45^{\circ}$
PL.8.12	215	102	65	23	102	60	$60^{\text{st}}$	$45^{\circ}$

Associated special bricks:

PL.3, AN.2



(Left hand)

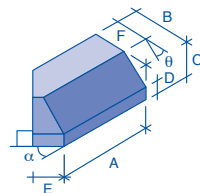
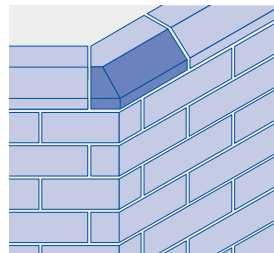
## PL.8

## Plinth squint (left or right hand)

Type	A	B	C	D	E	F	$\alpha$	$\theta$
PL.9.1	164	102	65	9	51	46	$30^{\text{st}}$	$45^{\circ}$
PL.9.2	164	102	65	23	51	60	$30^{\text{st}}$	$45^{\circ}$
PL.9.3	164	102	65	9	51	46	$45^{\text{st}}$	$45^{\circ}$
PL.9.4	164	102	65	23	51	60	$45^{\text{st}}$	$45^{\circ}$
PL.9.5	164	102	65	9	51	46	$60^{\text{st}}$	$45^{\circ}$
PL.9.6	164	102	65	23	51	60	$60^{\text{st}}$	$45^{\circ}$

Associated special bricks:

PL.3, AN.1



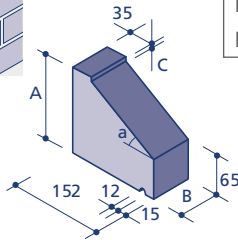
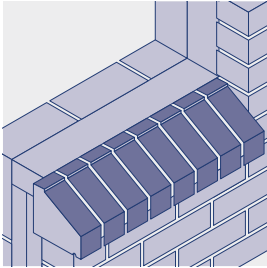
(Left hand)

## PL.9

# Plinth Bricks

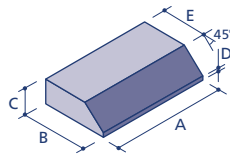
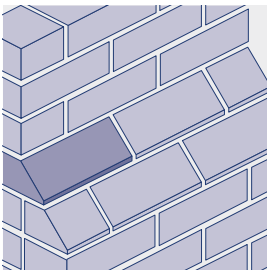
Group PL

## Overhanging Angled Cill



Type	A	B	C	$\alpha$
I.C.1.1	140	65	7.5	30°
I.C.1.2	140	102	7.5	30°
I.C.1.3	140	215	7.5	30°
I.C.1.4	215	65	10	50°
I.C.1.5	215	102	10	50°
I.C.1.6	215	215	10	50°

## Wide Bed Plinth Stretcher



Type	A	B	C	D	E
I.PL15.1	215	158	65	9	102

# Arch Bricks

Group AR

Typically used to provide structural stability in curved elements such as arches or for aesthetic detailing e.g. circular windows.

## Tapered header

Type	UNIT DIMENSIONS				IDEAL SPAN*		No. OF BRICKS† IN SEMI-CIRCLE
	A	B	C	D	DIMENSIONS	NUMBER OF WHOLE BRICKS	
AR.1.1	215	102	75	59	910mm	4	20 or 21
AR.1.2	215	102	75	64	1360mm	6	28 or 29
AR.1.3	215	102	75	66	1810mm	8	36 or 37
AR.1.4	215	102	75	69	2710mm	12	53 or 54

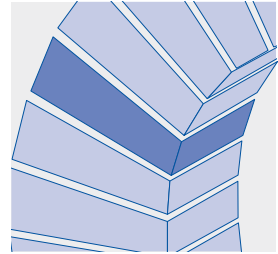
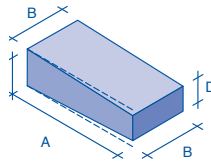
\* It is possible to use standard arch bricks for spans other than the ideal, ranging from 800mm to 3000mm in half-brick increments, by varying the number of bricks, providing the slight tapering of the joints is aesthetically acceptable. The taper may vary between 0.9mm and 1.6mm for the smallest span to less than 1mm for the larger spans.

† Parallel joints of acceptable width are achieved using either of the alternative number of bricks in the semi-circle if the bricks confirm to the work sizes.

The actual size of bricks normally varies slightly from the work size. If the bricks on site are larger, then the smaller number of bricks in the semi-circle would be more appropriate and vice versa.

Note: Faced on 2 headers

### AR.1

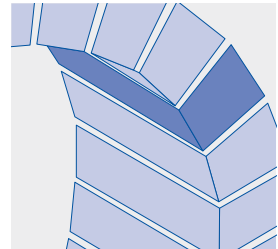
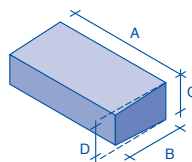


## Tapered stretcher

Type	UNIT DIMENSIONS				IDEAL SPAN*		No. OF BRICKS† IN SEMI-CIRCLE
	A	B	C	D	DIMENSIONS	NUMBER OF WHOLE BRICKS	
AR.2.1	215	102	75	48	910mm	4	24 or 25
AR.2.2	215	102	75	55	1360mm	6	33 or 34
AR.2.3	215	102	75	58	1810mm	8	41 or 42
AR.2.4	215	102	75	63	2710mm	12	58 or 59

\* This format is not as versatile in application as the AR series because the longer voussour joint accentuates splays. Tolerance allowances limit versatility further.

† Parallel joints of acceptable width are achieved using either of the alternative number of bricks in the semi-circle if the bricks confirm to the work sizes.



### AR.2

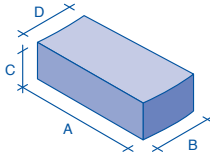
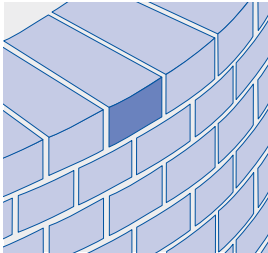
As a functional brick, typically used for structures such as industrial chimneys. Also particularly effective used as an aesthetic device producing a sweeping “curved” effect.

# Radial Bricks

Group RD

## Radial header

Type	UNIT DIMENSIONS				IDEAL RADIUS		No. OF BRICKS IN QUADRANT
	A	B	C	D	OUTER	INNER	
RD.1.1	215	108	65	52	450mm	235	6
RD.1.2	215	108	65	70	675mm	460	9
RD.1.3	215	108	65	80	900mm	685	12
RD.1.4	215	108	65	89	1350mm	1135	18
RD.1.5	215	108	65	97	2250mm	2035	30
RD.1.6	215	108	65	103	5400mm	5185	72



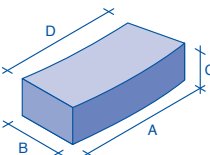
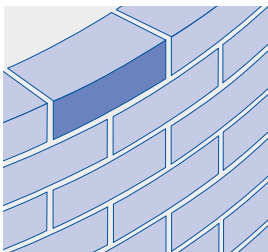
\* Dimensions B and D in types RD.1 are segmental lengths

**Note:** Faced on 2 headers

## RD.1

## Radial stretcher

Type	UNIT DIMENSIONS				IDEAL RADIUS		No. OF BRICKS IN QUADRANT
	A	B	C	D	OUTER	INNER	
RD.2.1	226	102	65	172	450mm	347	3
RD.2.2	226	102	65	190	675mm	572	4.5
RD.2.3	226	102	65	199	900mm	797	6
RD.2.4	226	102	65	208	1350mm	1247	9
RD.2.5	226	102	65	215	2250mm	2147	15
RD.2.6	226	102	65	221	5400mm	5297	36



\* Dimensions B and D in types RD.1 are segmental lengths

**Note:** Faced on 2 headers

## RD.2

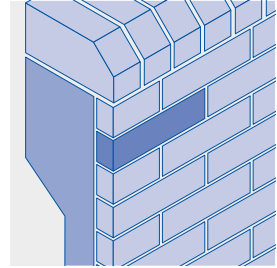
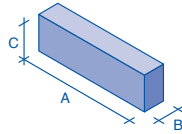
# Brick Slips

Group SL

Typically used to mask reinforced concrete frames and for interior work.

## Brick face slip

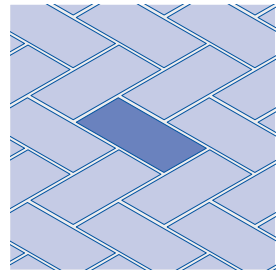
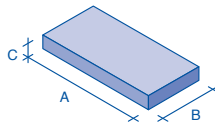
Type	A	B	C
SL.1.1	215	25	65
SL.1.2	215	30	65
SL.1.3	215	40	65
SL.1.4	215	50	65



SL.1

## Brick bed slip

Type	A	B	C
SL.2	215	102	25



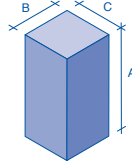
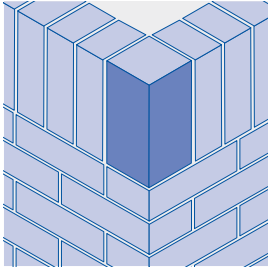
SL.2

Typically used as an aesthetic means of returning a soldier course detail.

# Soldier Bricks

Group SD

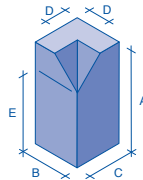
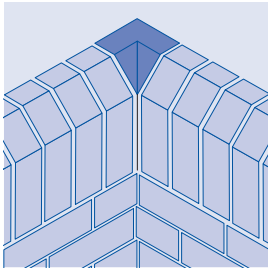
## Soldier return



Type	A	B	C
SD.1.1	215	65	65
SD.1.2	215	102	102

SD.1

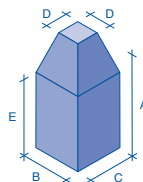
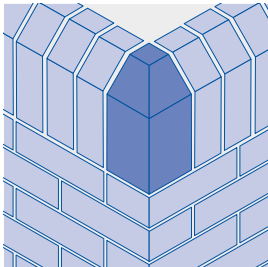
## Internal Soldier return to single Cant on end



Type	A	B	C	D	E
SD.2.1	215	102	102	46	159
SD.2.2	215	102	102	60	173

SD.2

## External Soldier return to single Cant on end



Type	A	B	C	D	E
SD.3.1	215	102	102	46	159
SD.3.2	215	102	102	60	173

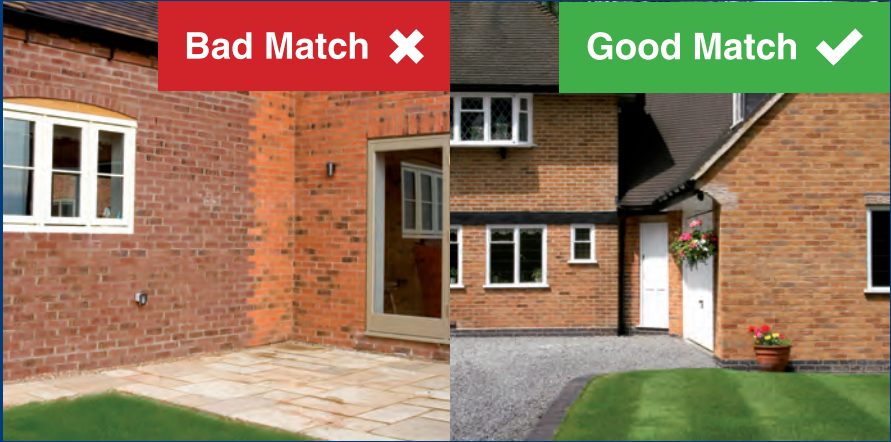
SD.3

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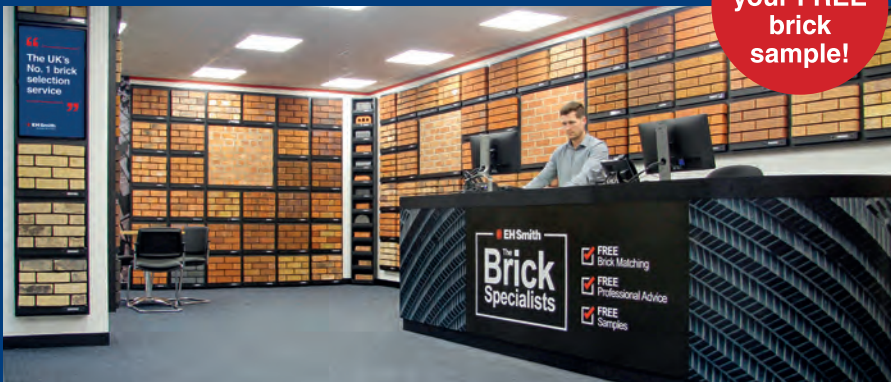
- 1 Take 3 photos from different distances (Please avoid direct sunlight)
- 2 Measure the brick needed
- 3 Let us know the quantity you require

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(65mm)

54 bricks/m<sup>2</sup>  
(73mm)

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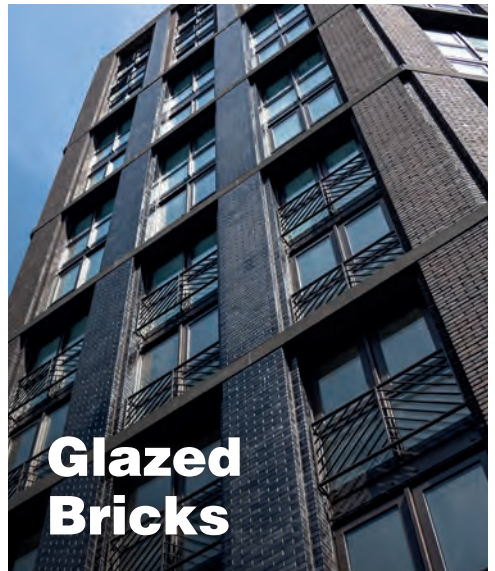
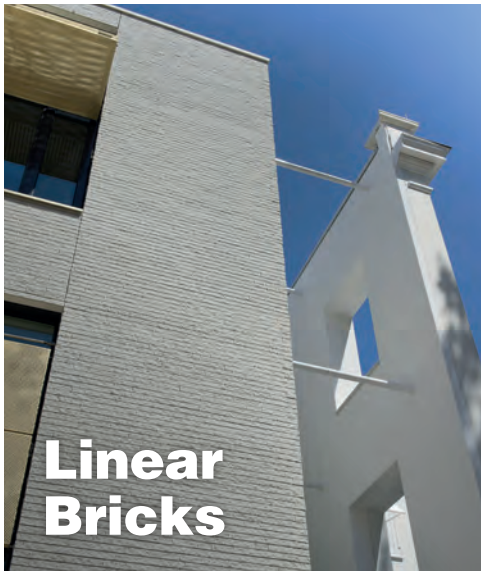


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