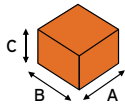
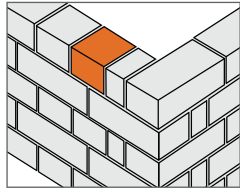


BONDING BRICKS

BD.1.1

Half bat (snap header)

Type No.	A	B	C
BD.1.1	102	102	65

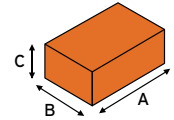
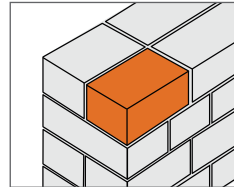


RH shown above

BD.1.2

Three-quarter bat

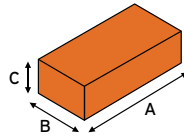
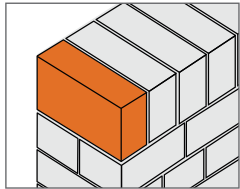
Type No.	A	B	C
BD.1.2	159	102	65



BD.1.3

Cuboid brick faced on bed surface

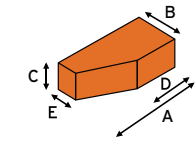
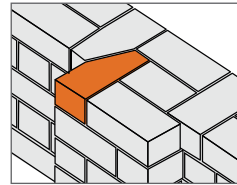
Type No.	A	B	C
BD.1.3	215	102	65



BD.2

King closer (left or right hand)

Type No.	A	B	C	D	E
BD.2	215	102	65	102	46

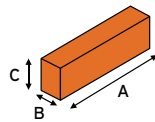
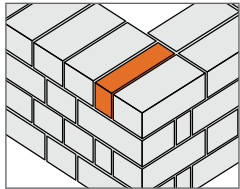


LH shown

BD.3

Queen closer

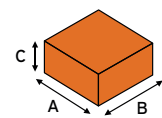
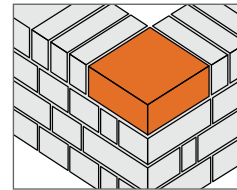
Type No.	A	B	C
BD.3	215	46	65



BD.4

215 mm stop end

Type No.	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

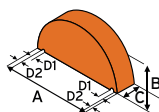
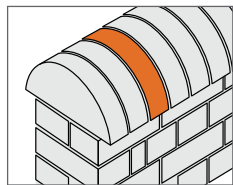


COPINGS AND CAPPINGS

CP.1.1

Half round coping

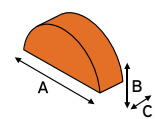
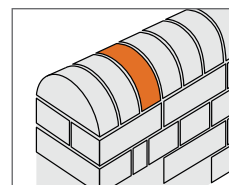
Type No.	A	B	C	D1	D2
CP.1.1	305	153	65	13	15



CP.1.2

Half round capping

Type No.	A	B	C
CP.1.2	215	108	65



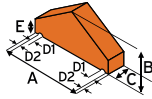
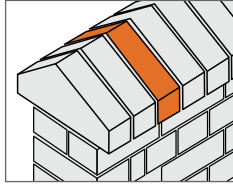
All measurements indicated in the following illustrations use millimetre units (mm). Drawings are scale 1:20 created on A4, to be printed full bleed for accuracy.

Please note that the figures are based on nominal sized bricks with 10mm joints and do not have any allowances for on-site losses.

C P . 2 . 1

Saddleback coping

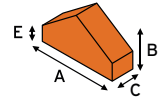
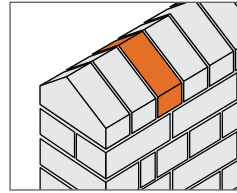
Type No.	A	B	C	D1	D2	E
CP.2.1	305	153	65	13	15	50



C P . 2 . 2

Saddleback capping

Type No.	A	B	C	E
CP.2.2	215	123	65	50

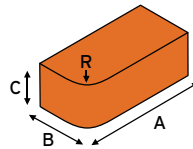
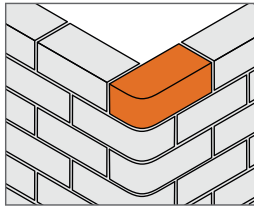


BULLNOSE BRICKS

B N . 1

Single bullnose (left or right hand)

Type No.	A	B	C	R
BN.1.1	215	102	65	25
BN.1.2	215	102	65	51

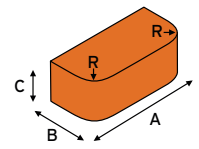
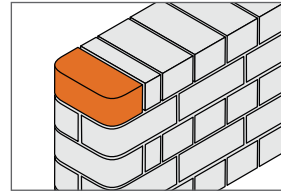


LH shown

B N . 2

Double bullnose

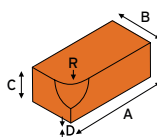
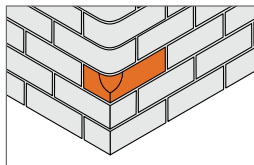
Type No.	A	B	C	R
BN.2.1	215	102	65	25
BN.2.2	215	102	65	51



B N . 3

Single bullnose stop (left or right hand)

Type No.	A	B	C	D	R
BN.3.1	215	102	65	25	25
BN.3.2	215	102	65	25	51

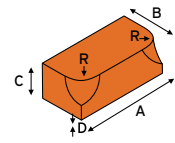
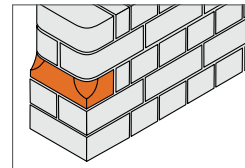


LH shown

B N . 4

Double bullnose stop

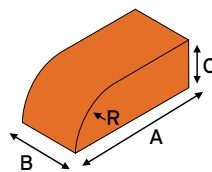
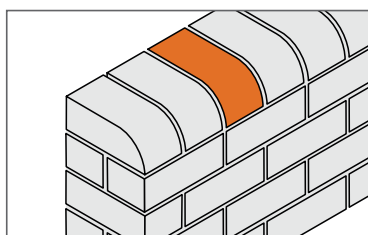
Type No.	A	B	C	D	R
BN.4.1	215	102	65	25	25
BN.4.2	215	102	65	25	51



B N . 5

Single bullnose header on flat

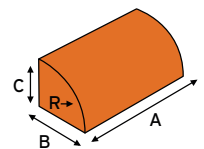
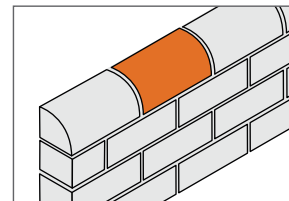
Type No.	A	B	C	R
BN.5.1	215	102	65	25
BN.5.2	215	102	65	51



B N . 6

Single bullnose stretcher on flat

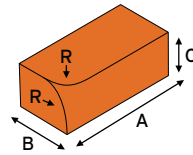
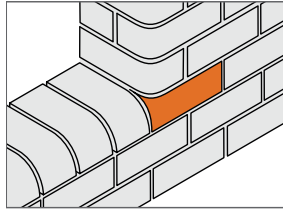
Type No.	A	B	C	R
BN.6.1	215	102	65	25
BN.6.2	215	102	65	51



BN.7

Single bullnose internal return stretcher faced (left or right hand)

Type No.	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

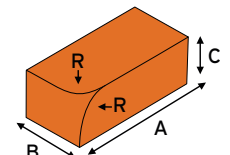
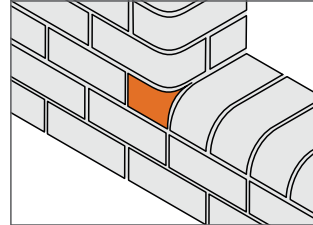


LH shown

BN.8

Single bullnose internal return header faced (left or right hand)

Type No.	A	B	C	R
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

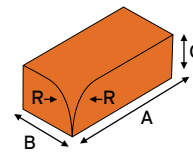
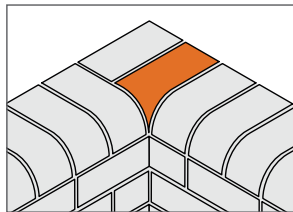


LH shown

BN.9

Bullnose internal return flat faced (left or right hand)

Type No.	A	B	C	R
BN.9.1	215	102	65	25
BN.9.2	215	102	65	51

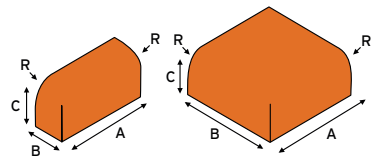
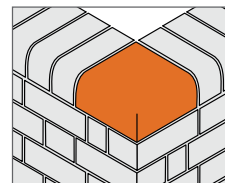


LH shown

BN.10

Bullnose external return on edge (left or right hand)

Type No.	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

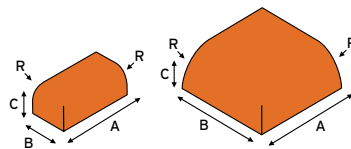
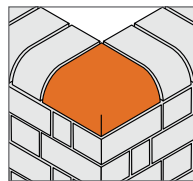


LH shown

BN.11

Bullnose external return on flat (left or right hand)

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

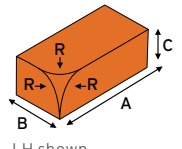
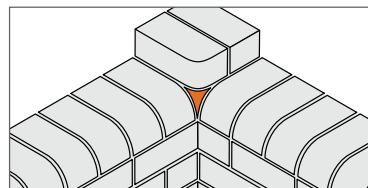


LH shown

BN.12

Bullnose mitre (left or right hand)

Type No.	A	B	C	R
BN.12.1	215	102	65	25
BN.12.2	215	102	65	51

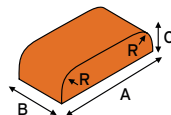
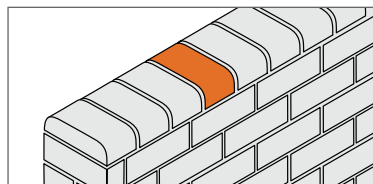


LH shown

BN.13

Bullnose double header on flat

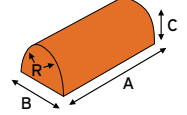
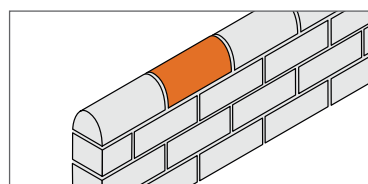
Type No.	A	B	C	R
BN.13.1	215	102	65	25
BN.13.2	215	102	65	51



BN.14

Bullnose double stretcher on flat

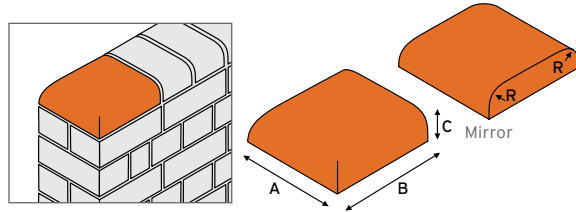
Type No.	A	B	C	R
BN.14.1	215	102	65	25
BN.14.2	215	102	65	51



BN.15

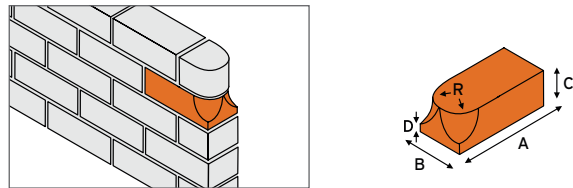
Stop end to double bullnose on edge and to bullnose double header on flat (square corners on bed)

Type No.	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


BN.17

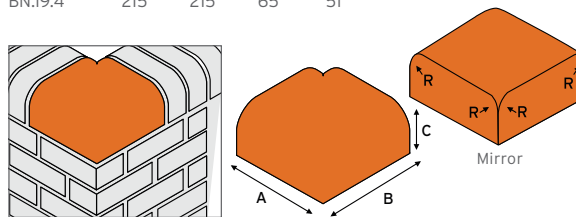
Cownose stop

Type No.	A	B	C	D	R
BN.17.1	215	102	65	25	25
BN.17.2	215	102	65	25	51


BN.19

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

Type No.	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


BN.21

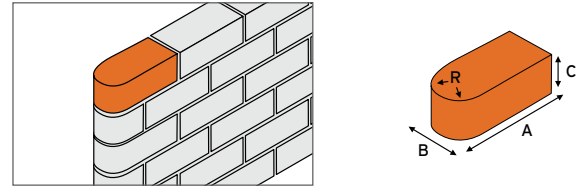
Double bullnose external angle to double bullnose on edge and to bullnose double header on flat

Type No.	A	B	C	D	R	α
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.16

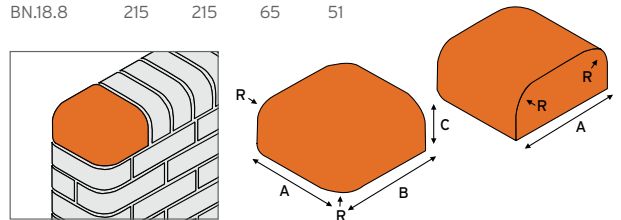
Cownose

Type No.	A	B	C	R
BN.16.1	215	102	65	25
BN.16.2	215	102	65	51


BN.18

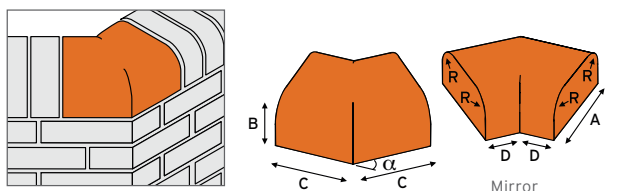
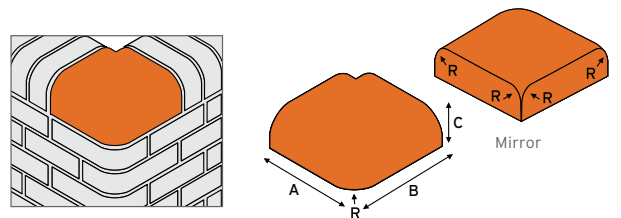
Stop end to double bullnose on edge and to bullnose double header on flat (rounded corners on bed)

Type No.	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


BN.20

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

Type No.	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

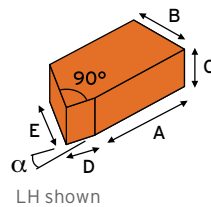
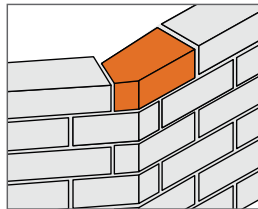


ANGLE AND CANT BRICKS

A N. 1

Squint (left or right hand)

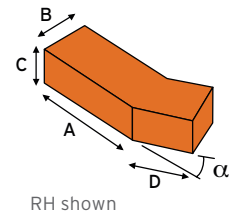
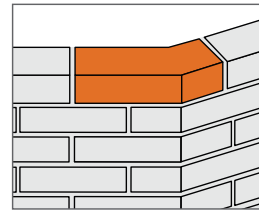
Type No.	A	B	C	D	E	α
AN.1.1	164	102	65	51	89	30°
AN.1.2	164	102	65	51	94	45°
AN.1.3	164	102	65	51	117	60°



A N. 2

External angle (left or right hand)

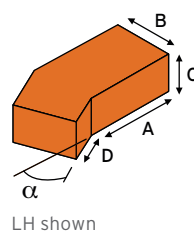
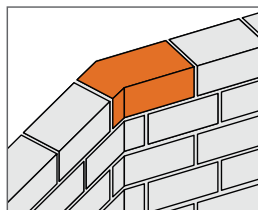
Type No.	A	B	C	D	α
AN.2.1	159	102	65	102	30°
AN.2.2	159	102	65	102	45°
AN.2.3	159	102	65	102	60°
AN.2.4	215	102	65	102	30°
AN.2.5	215	102	65	102	45°
AN.2.6	215	102	65	102	60°



A N. 3

Internal angle (dog leg) (left or right hand)

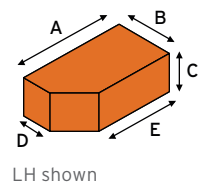
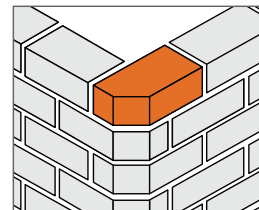
Type No.	A	B	C	D	α
AN.3.1	164	102	65	51	30°
AN.3.2	164	102	65	51	45°
AN.3.3	164	102	65	51	60°
AN.3.4	159	102	65	102	30°
AN.3.5	159	102	65	102	45°
AN.3.6	159	102	65	102	60°
AN.3.7	215	102	65	102	30°
AN.3.8	215	102	65	102	45°
AN.3.9	215	102	65	102	60°



A N. 5

Single cant (left or right hand)

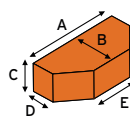
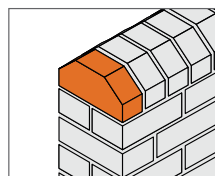
Type No.	A	B	C	D	E
AN.5.1	215	102	65	46	159
AN.5.2	215	102	65	60	173



A N. 6

Double cant

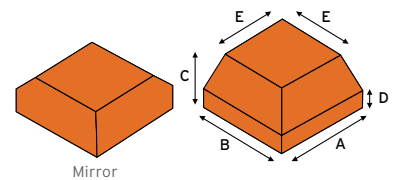
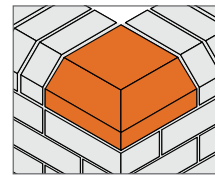
Type No.	A	B	C	D	E
AN.6.1	215	102	65	46	103
AN.6.2	215	102	65	60	131



A N. 7

Single cant external return

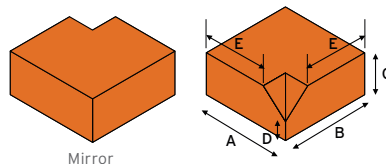
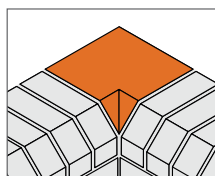
Type No.	A	B	C	D	E
AN.7.1	215	215	102	46	159
AN.7.2	215	215	102	60	173



A N. 8

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

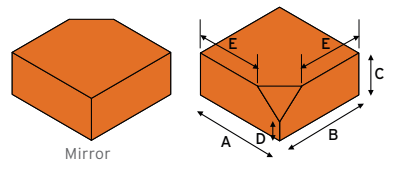
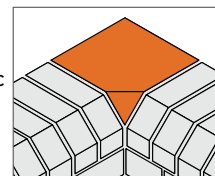
Type No.	A	B	C	D	E
AN.8.1	215	215	102	46	159
AN.8.2	215	215	102	60	173



A N. 9

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

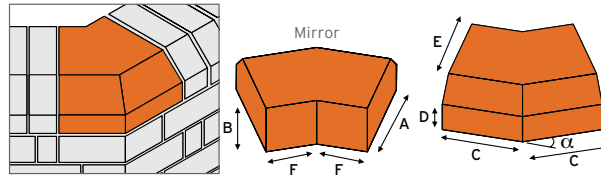
Type No.	A	B	C	D	E
AN.9.1	215	215	102	46	159
AN.9.2	215	215	102	60	173



A N.10

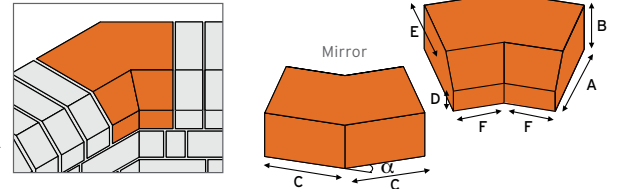
Single cant external angle

Type No.	A	B	C	D	E	F	α
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°


A N.11

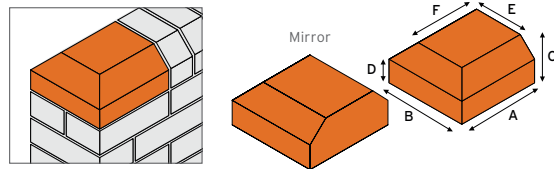
Single cant internal angle

Type No.	A	B	C	D	E	F	α
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°


A N.12

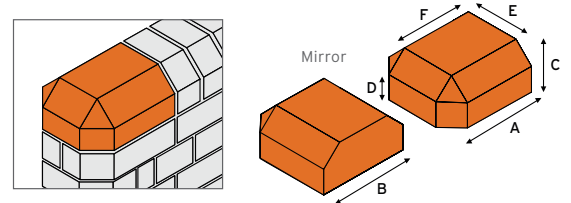
Double cant stop end (square corners on bed)

Type No.	A	B	C	D	E	F
AN.12.1	215	215	102	46	103	159
AN.12.2	215	215	102	60	131	173


A N.13

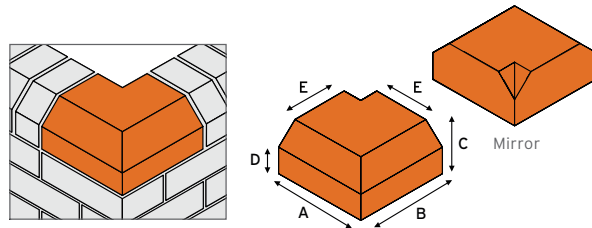
Double cant stop end (canted corners on bed)

Type No.	A	B	C	D	E	F
AN.13.1	215	215	102	46	103	159
AN.13.2	215	215	102	60	131	173


A N.14

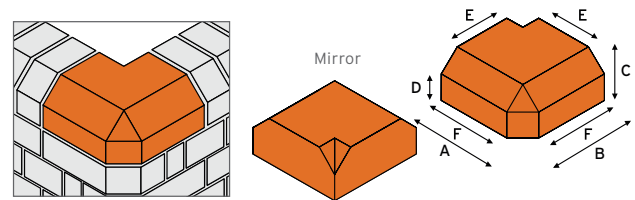
Double cant external return with internal mitre (square corners on bed)

Type No.	A	B	C	D	E
AN.14.1	215	215	102	46	103
AN.14.2	215	215	102	60	131


A N.15

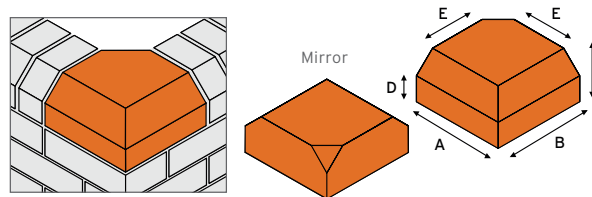
Double cant external return with internal mitre (canted corners on bed)

Type No.	A	B	C	D	E	F
AN.15.1	215	215	102	46	103	159
AN.15.2	215	215	102	60	131	173


A N.16

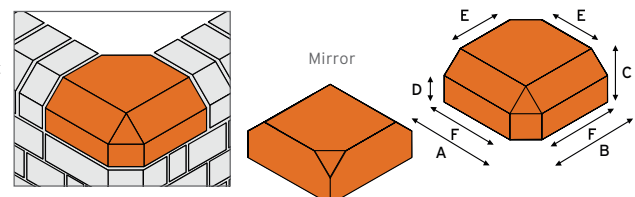
Double cant external return with internal slope (square corners on bed)

Type No.	A	B	C	D	E
AN.16.1	215	215	102	46	103
AN.16.2	215	215	102	60	131


A N.17

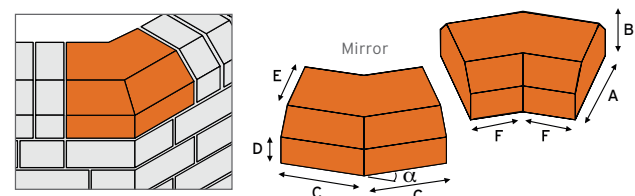
Double cant external return with internal slope (canted corners on bed)

Type No.	A	B	C	D	E	F
AN.17.1	215	215	102	46	103	159
AN.17.2	215	215	102	60	131	173


A N.18

Double cant angle

Type No.	A	B	C	D	E	F	α
AN.18.1	215	102	159	46	103	101	30°
AN.18.2	215	102	159	60	131	101	30°
AN.18.3	215	102	159	46	103	70	45°
AN.18.4	215	102	159	60	131	70	45°
AN.18.5	215	102	159	46	103	35	60°
AN.18.6	215	102	159	60	131	35	60°

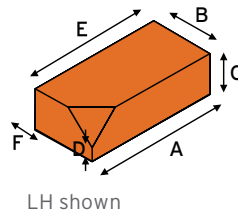
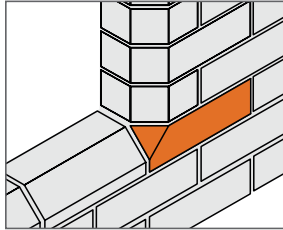


PLINTH BRICKS

PL.1

Plinth stop or cant stop (left or right hand)

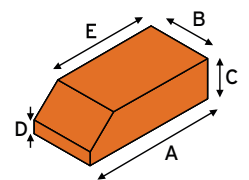
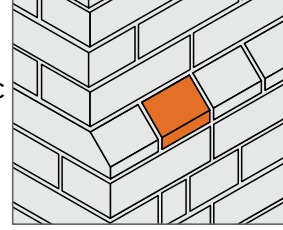
Type No.	A	B	C	D	E	F
PL.1.1	215	102	65	9	159	46
PL.1.2	215	102	65	23	173	60



PL.2

Plinth header

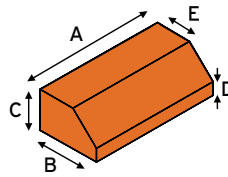
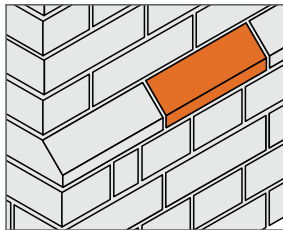
Type No.	A	B	C	D	E
PL.2.1	215	102	65	9	159
PL.2.2	215	102	65	23	173



PL.3

Plinth stretcher

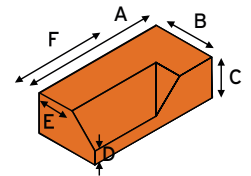
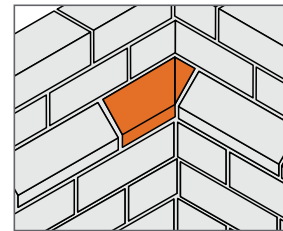
Type No.	A	B	C	D	E
PL.3.1	215	102	65	9	46
PL.3.2	215	102	65	23	60



PL.4

Plinth internal return (long) (left or right hand)

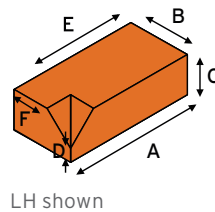
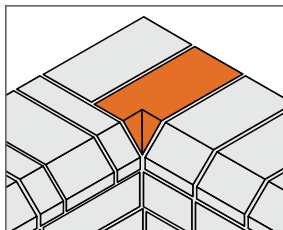
Type No.	A	B	C	D	E	F
PL.4.1	215	102	65	9	46	169
PL.4.2	215	102	65	23	60	155



PL.5

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

Type No.	A	B	C	D	E	F
PL.5.1	215	102	65	9	159	46
PL.5.2	215	102	65	23	173	60



PL.6

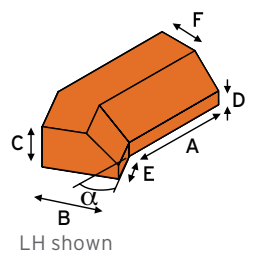
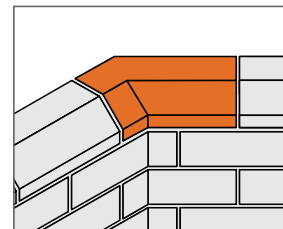
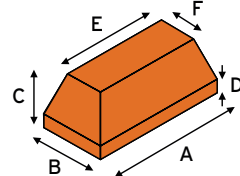
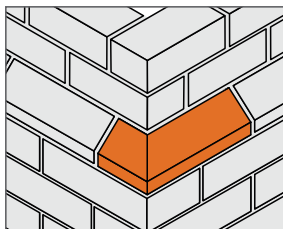
Plinth internal angle (left or right hand)

Type No.	A	B	C	D	E	F	α
PL.6.1	164	102	65	9	51	46	30°
PL.6.2	164	102	65	23	51	60	30°
PL.6.3	164	102	65	9	51	46	45°
PL.6.4	164	102	65	23	51	60	45°
PL.6.5	164	102	65	9	51	46	60°
PL.6.6	164	102	65	23	51	60	60°
PL.6.7	159	102	65	9	102	46	30°
PL.6.8	159	102	65	23	102	60	30°
PL.6.9	159	102	65	9	102	46	45°
PL.6.10	159	102	65	23	102	60	45°
PL.6.11	159	102	65	9	102	46	60°
PL.6.12	159	102	65	23	102	60	60°
PL.6.13	215	102	65	9	102	46	30°
PL.6.14	215	102	65	23	102	60	30°
PL.6.15	215	102	65	9	102	46	45°
PL.6.16	215	102	65	23	102	60	45°
PL.6.17	215	102	65	9	102	46	60°
PL.6.18	215	102	65	23	102	60	60°

PL.7

Plinth external return (left or right hand)

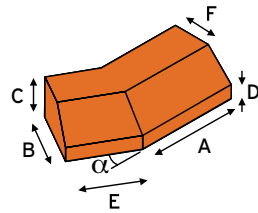
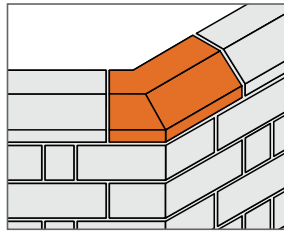
Type No.	A	B	C	D	E	F
PL.7.1	215	102	65	9	159	46
PL.7.2	215	102	65	23	173	60



PL.8

Plinth external angle (left or right hand)

Type No.	A	B	C	D	E	F	α
PL.8.1	159	102	65	9	102	46	30°
PL.8.2	159	102	65	23	102	60	30°
PL.8.3	159	102	65	9	102	46	45°
PL.8.4	159	102	65	23	102	60	45°
PL.8.5	159	102	65	9	102	46	60°
PL.8.6	159	102	65	23	102	60	60°
PL.8.7	215	102	65	9	102	46	30°
PL.8.8	215	102	65	23	102	60	30°
PL.8.9	215	102	65	9	102	46	45°
PL.8.10	215	102	65	23	102	60	45°
PL.8.11	215	102	65	9	102	46	60°
PL.8.12	215	102	65	23	102	60	60°

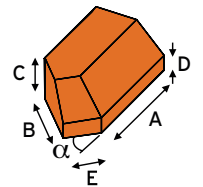
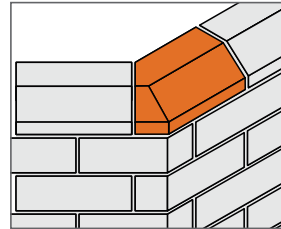


LH shown

PL.9

Plinth squint (left or right hand)

Type No.	A	B	C	D	E	F	α
PL.9.1	164	102	65	9	51	46	30°
PL.9.2	164	102	65	23	51	60	30°
PL.9.3	164	102	65	9	51	46	45°
PL.9.4	164	102	65	23	51	60	45°
PL.9.5	164	102	65	9	51	46	60°
PL.9.6	164	102	65	23	51	60	60°



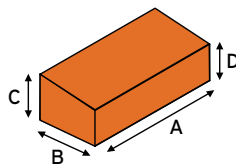
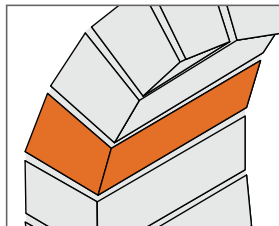
LH shown

ARCH BRICKS

AR.1

Tapered header

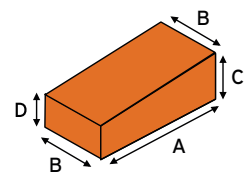
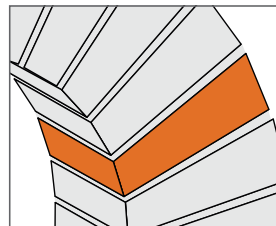
Type No.	Unit Dimension				Ideal Span	No. of whole bricks	No of bricks in semi-circle
	A	B	C	D			
AR1.1	215	102	75	59	910	4	20 or 21
AR1.2	215	102	75	64	1360	6	28 or 29
AR1.3	215	102	75	66	1810	8	36 or 37
AR1.4	215	102	75	69	2710	12	53 or 54



AR.2

Tapered stretcher

Type No.	Unit Dimension				Ideal Span Dimension	No. of whole bricks	No of bricks in semi-circle
	A	B	C	D			
AR2.1	215	102	75	48	910	4	25
AR2.2	215	102	75	55	1360	6	33
AR2.3	215	102	75	58	1810	8	41
AR2.4	215	102	75	63	2710	12	58

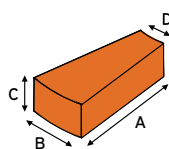
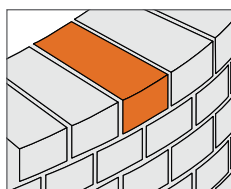


RADIAL BRICKS

RD.1

Radial header

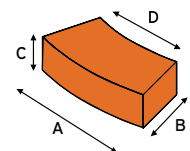
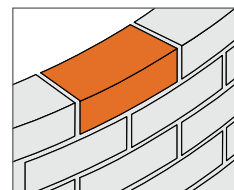
Type No.	A	B	C	D	Ideal Radius		No. of bricks in Quadrant
					Outer	Inner	
RD1.1	215	108	65	52	450	235	6
RD1.2	215	108	65	70	675	460	9
RD1.3	215	108	65	80	900	685	12
RD1.4	215	108	65	89	1350	1135	18
RD1.5	215	108	65	97	2250	2035	30
RD1.6	215	108	65	103	5400	5185	72



RD.2

Radial stretcher

Type No.	A	B	C	D	Ideal Outer Radius	No. of bricks in Quadrant
RD2.2	226	102	65	190	675	4.5
RD2.3	226	102	65	199	900	6
RD2.4	226	102	65	208	1350	9
RD2.5	226	102	65	215	2250	15
RD2.6	226	102	65	221	5400	36

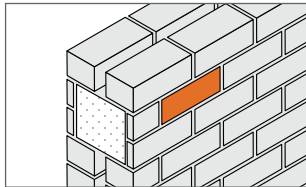


BRICK SLIPS

SL.1

Brick face slip

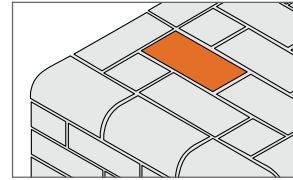
Type No.	A	B	C
SL.1.1	215	25	65
SL.1.2	215	30	65
SL.1.3	215	40	65
SL.1.4	215	50	65



SL.2

Brick bed slip

Type No.	A	B	C
SL.2	215	102	25

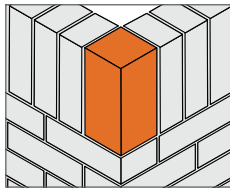


SOLDIER BRICKS

SD.1

Soldier return

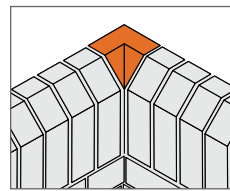
Type No.	A	B	C
SD.1.1	215	65	65
SD.1.2	215	102	102



SD.2

Internal soldier return to single cant on end

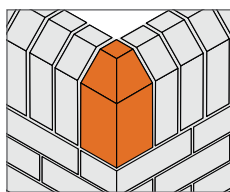
Type No.	A	B	C	D	E
SD.2.1	215	102	102	46	159
SD.2.2	215	102	102	60	173



SD.3

External soldier return to single cant on end

Type No.	A	B	C	D	E
SD.3.1	215	102	102	46	159
SD.3.2	215	102	102	60	173



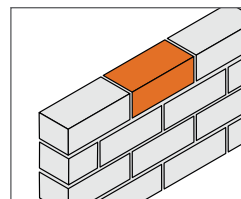
CUBOID BRICKS

CB.1

Cuboid bricks

Type No.	A	B	C
CB.1.1	190	90	65
CB.1.2	190	90	90
CB.1.3	215	102	50
CB.1.4	215	102	53
CB.1.5	215	102	65
CB.1.6	215	102	73

Type No.	A	B	C
CB.1.7	215	102	80
CB.1.8	233	112	73
CB.1.9	233	112	80
CB.1.10	290	90	65
CB.1.11	290	90	90



The purpose of this guide is to provide you with a practical specification and design tool. Within the following pages, you may find reference to the wide range of Michelmersh products that are available. We hope that you will find this guide as useful in your everyday work as it was designed to be. We look forward to speaking to you personally, should you require any further information, please contact Michelmersh's Technical Department on 0844 931 0022 or email technical@mbhplc.co.uk.

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