

OPTIMUM BRASSES



The Main Catalogue

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OPTIMUM BRASSES

Incorporating The Brass Copyshop, Obida and Optarch.

To all our present customers - Thank-you for your loyal and knowledgeable support. We hope that you will continue to enjoy using our Main Catalogue with more than 600 useful items available straight off the shelf.

If you are a new customer - Welcome! Since 1981, we have supplied thousands of faithful replicas of antique brass furniture fittings by using the lost-wax process, the right brass and careful individual finishing and patination. Lost-wax castings have revolutionised furniture restoration. We are proud to have satisfied our customers' needs with more than 9000 different items. This Main Catalogue shows the ones that we keep in stock for immediate despatch.

Sizing

Everything in this catalogue is illustrated at actual size as far as is possible, there being a particular difficulty with three dimensional objects. However, measurements are given in inches and fractions of inches and millimetres to help you . On the last page is a chart to aid you in finding handles or pulls of the centre to centre measurement or boring required.

Supplementary Catalogues

You may access what we can make in addition to the Main Catalogue selection by purchasing the subject catalogues, currently 26 in number, called Matchmaker Supplements. (There is a list of these in the Price Book). Or, if you prefer, just send us the actual brass fitting to be matched, or an image or full-sized drawing, and we will search our catalogues for you.

Finishes

Our brasses are a very convincing antique colour and are best high-lighted by the customer after they have been fitted to the furniture. Just as with originals, there is some natural variation and the colour is not always identical to the illustrations in this catalogue. We can also supply the brass hardware in a bright finish or in a particularly light or dark patination to suit the customer.

PAYMENT AND DELIVERY

Prices. No prices are printed in this catalogue: there is a separate Price Book. We reserve the right to alter prices without notice. However, customers will be informed at the time of their order.

Payment. If possible, we prefer to be paid by Sterling cheque or bank transfer. We do accept most credit and debit cards except for American Express and Diners Club. Cheques in a currency other than £s, and wire transfers are acceptable but any charges by the banks in any country will be paid by the customer.

U.K. Customers. We will have to add V.A.T. at the current rate to all invoices except for those for Catalogues and Matchmaker Supplements. There is a standardised delivery and packing charge according to the value and weight of the order. For small orders we use the Royal Mail first class post; for larger consignments, a courier. We can arrange full insurance, at cost, if required.

European Union Customers. If you have a V.A.T. number recognised by the European Union for inter-state business, we will not charge you U.K. V.A.T. Other European Union customers will pay U.K. V.A.T. Delivery and packing charges will be based on the value and weight of the order.

Overseas Customers. Customers from U.S.A., Australia and any other country not in the European Union need not pay V.A.T. Delivery and packing charges will be based on the value and weight of the order. We can arrange full insurance, at cost, if required. Please be aware that your own country may impose import duty charges. This is beyond our control.

Currency Exchange. All our goods are priced in £ Sterling. It is possible to quote approximate prices in \$'s or any other currency.

NOTES ON FITTING HANDLES AND ESCUTCHEONS

Bedding Down. Original handles look as if they have grown on the furniture. This is because of centuries of residue of waxes, varnishes and dust in the angle between the backplate and the surface. This effect can be copied by the use of a brown wax or, better, with a mixture of a soluble glue and fine, sieved household dust (beware of animal hairs).

Nailing and Pinning. Old timber is often brittle and can split, particularly if there is a lock recess at the back of a drawer-front. Make a hole for an escutcheon pin with a fine drill-bit or awl. Bedding down with glue and dust will assist the escutcheon pins.

Threads and Nuts. There was no standardisation of threads until Whitworth achieved this during the 20 years after 1841. Our threads and nuts are direct lost-wax copies of the originals with some disadvantages. Some nuts are loose. A squeeze with some pliers making the hole in the nut slightly oval can cure this. Some nuts are tight and may need working up and down the thread before final fitting. Because it was the practice of some 18th and 19th century cabinet-makers to cup the backs of the drawer-fronts to sink the nuts into them, some threads are quite short and the drawer-fronts will again need to be “cupped” before fitting the handles. Our workshop, as an extra service, can braze on different, longer threads to overcome length problems.

Wires. The wires supplied with our wire-fixing handles need to be fitted as follows. Open up the wire when it has passed through the drawer-front. Turn the ends of the wires inwards with pliers. Make a small hole with an awl where the turned ends touch the back of the drawer-front. Hold a block of wood against the outer loop, then tap the wires in with a small hammer. We supply either brass wires (common on marquetry, lacquer and fine walnut pieces) or iron wires (most other 17th and early 18th century furniture). In both cases we supply, free of charge, about 10% more wires than ordered to allow for breakages. Some handles use brass tapes instead of wires. These are easy to fit, having pin holes at the inside ends of the tapes.

Tight Loops. Loops sometimes do not swing loosely when fitted. Hold the loop outwards and hit the curved sides with a hammer.

Drop from centre
1 5/8"
41mm

Backplate dia. point to point
1 1/2"
38mm



B1

Backplate dia. point to point
15/16"
24mm

Drop from centre
15/16"
24mm



A2



A3

Backplate dia. point to point
1 1/4"
32mm

Drop from centre
1 1/4"
32mm

Height
2 1/16"
52mm

Width
1 5/8"
41mm



C1

Backplate dia. point to point
1 3/8"
35mm

Drop from centre
1 5/8"
33mm



A1

A1 & A19 FROM THE SAME 17TH CENTURY CHEST



A19

Height
2 7/16"
61mm

Width
1 7/8"
48mm

Backplate dia.
1 5/16"
33mm

Drop from centre
1 13/16"
46mm



A5

Height
2 7/16"
62mm

Width
1 15/16"
49mm



A18



A4

Backplate dia. point to point
1 1/8"
29mm

Drop from centre
1 1/4"
32mm

Backplate dia.
1 1/2"
38mm

Drop from centre
1 15/16"
49mm



A7

Backplate dia.
1 5/16"
34mm

Drop from centre
1 15/16"
49mm



C2

Backplate dia.
1 1/4"
32mm

Drop from centre
1 3/4"
45mm



A6

Backplate dia.
1 1/4"
32mm

Drop from centre
1 7/8"
48mm



A8

Height
2 1/4"
58mm

Width
1 3/4"
45mm



A17

Height
1 3/4"
45mm

Width
1 3/8"
35mm



C3

Height
2 9/16"
65mm

Width
1 3/4"
45mm



B3

Backplate dia.
point to point
2"
51mm



A11

Drop from centre
1 11/16"
43mm



A28

Height
2 7/16"
62mm

Width
2 7/8"
73mm

Backplate dia.
point to point
1 11/16"
42mm



A10

Drop from centre
1 5/16"
33mm

Backplate dia.
1 1/4"
32mm

Drop from centre
2"
51mm



B8

**B8 & B9 FROM
THE SAME LATE 17TH
CENTURY PIECE**



B9

Height
2 1/2"
64mm

Width
3"
76mm

Backplate dia.
1 7/16"
37mm

Drop from
centre
1 3/4"
45mm



A9



Height
2 5/16"
59mm

Width
2 7/8"
73mm

A29

A9 & A29 FROM
THE SAME EARLY 18TH
CENTURY CHEST

Height
1 1/8"
29mm

Width
1 1/2"
38mm



C5

Backplate Height
1 5/16"
34mm

Backplate Width
1 3/4"
45mm

Drop from
centre
1 5/8"
41mm



C4

Backplate dia.
7/8"
23mm

Drop from
centre
3/4"
19mm



C6

HAS FINE
COPPER
WIRE



Backplate dia.
1 5/8"
40mm

Drop from
centre
1 1/2"
38mm

A12

CHOICE OF IRON OR
BRASS WIRES OR
BRASS TAPES TO SUIT

Height
1 11/16"
42mm

Width
1 3/16"
30mm



A27

Height
2 5/16"
59mm

Width
2"
51mm



A26

Height
3 3/8"
85mm

Width
1 7/8"
47mm



A30



HAS THREAD AND NUT



Height
2 1/16"
53mm

Width
3"
76mm

C to C
2"
51mm



A38



A37

Height
2 1/16"
53mm

Width
3"
76mm

Height
2 1/8"
54mm

Width
3 1/2"
88mm

C to C
2 1/4"
57mm



A40



A39

Height
2 1/8"
54mm

Width
3 1/2"
88mm

Height
2 3/16"
55mm

Width
3 11/16"
93mm

C to C
2 1/2"
63mm



C10



C11

Height
2"
51mm

Width
3 3/16"
82mm



A36

Height
2"
51mm

Width
4 1/8"
105mm

C to C
2 11/16"
68mm

Height
1 3/4"
45mm
Width
2 11/16"
68mm
C to C
1 5/16"
35mm



A41



A42

Height
2 1/4"
57mm
Width
2 13/16"
72mm

CHOICE OF IRON OR
BRASS WIRES OR
BRASS TAPES TO SUIT

Height
2 3/16"
56mm
Width
2 15/16"
75mm
C to C
1 1/2"
38mm



A43



A44

Height
2 3/16"
56mm
Width
2 15/16"
75mm

NEEDS LARGE PINS.
BRASS ONES, A265,
SHOWN ON PAGE 91



B10

Height
2 7/16"
62mm
Width
4 1/2"
115mm
C to C
3 1/16"
78mm

FOR NOTE ON FINISHES SEE PAGE 2



A32

Height 1 13/16" 46mm
Width 3 15/16" 100mm
C to C 2 1/2" 63mm



A25

Height 2 1/2" 62mm
Width 2 11/16" 68mm



Height 2 5/16" 58mm
Width 3 5/16" 84mm

A35



Height 1 13/16" 46mm
Width 3" 76mm

A33

CAN BE SUPPLIED WITH THROUGH POSTS



A34

Height 2 3/8" 61mm
Width 4 3/8" 111mm
C to C 2 5/8" 67mm



B11

Height 2 11/16" 68mm
Width 7 1/16" 179mm
C to C 4 3/8" 111mm



Height
2 3/16"
55mm

Width
3 5/8"
92mm

C to C
2 9/16"
65mm

A45



Height
2 3/16"
55mm

Width
3 5/8"
92mm

C to C
2 9/16"
65mm

A47



Height
2 1/4"
56mm

Width
3 3/8"
85mm

A46

CHOICE OF IRON OR
BRASS WIRES OR
BRASS TAPES TO SUIT



Height
1 5/8"
42mm

Width
3 1/16"
77mm

C to C
2 1/16"
52mm

C12



Height
1 11/16"
43mm

Width
3 1/16"
78mm

C13



Height
1 7/8"
48mm

Width
3 1/2"
88mm

C to C
2 1/4"
58mm

C14

5/16"
9mm
dia.



A48

3/8"
10mm
dia.



A49

7/16"
11mm
dia.



C15

1/2"
13mm
dia.



A50

9/16"
14mm
dia.



A51

11/16"
17mm
dia.



A52

TO SEE A RANGE OF OUR KNOBS WITH MODERN STEEL THREADS
TURN TO PAGE 99

5/16"
9mm
dia.



C16

7/16"
11mm
dia.



C17

7/16"
11mm
dia.



A238

9/16"
14mm
dia.



C18

11/16"
17mm
dia.



A53

13/16"
21mm
dia.



A54

1 1/8"
29mm
dia.



A55

1 1/4"
31mm
dia.



C19

Knob dia.
1"
25mm
dia.



A57

Backplate dia
1 1/8"
28mm



Backplate dia.
1 1/4"
32mm



C20

Knob dia.
1 1/4"
31mm



TO SEE A RANGE OF OUR KNOBS WITH MODERN STEEL THREADS
TURN TO PAGE 99



B7

Knob and backplate both
1 7/16"
37mm
dia.



C21

SHUTTER KNOB
SHAFT WHICH
WE CAN
ASSEMBLE
TO ANY
SUITABLE KNOB



Length (not
inc. fixing stub)
2"
51mm

Square section
5/16"
8mm
Tapering to
1/4"
7mm



A56

1 3/16" x 1"
30mm x 25mm



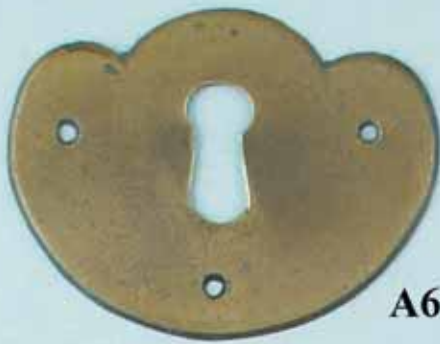
A58

1 5/8" x 1 1/4"
41mm x 31mm



Height
1 3/4"
45mm

Width
2 1/4"
58mm



A63

Height
1 5/8"
41mm

Width
3 1/8"
80mm



A62

Height
1 3/8"
35mm

Width
2 15/16"
75mm

C to C
2 1/4"
57mm



A59

Height
1 9/16"
40mm

Width
3 9/16"
90mm

C to C
2 3/4"
69mm



A60

Height
1 9/16"
39mm

Width
3 1/16"
78mm



C22

Height
1 11/16"
42mm

Width
3 1/2"
89mm

C to C
2 1/2"
64mm



A61

A64



Height
2 7/8"
73mm

Width
6"
153mm

C to C
4 3/8"
111mm



Height
1 7/8"
47mm

Width C to C
3 3/8" 2 9/16"
85mm 65mm

A65



Height
1 3/4"
45mm

Width
3 5/16"
84mm

A66



Height
2 1/16"
55mm

Width C to C
3 5/8" 2 3/4"
93mm 68mm

A67



Height
1 13/16"
45mm

Width
2 7/8"
72mm

C to C
2 1/8"
54mm

A68



Height
1 3/4"
44mm

Width
2 9/16"
65mm

A69

FROM A TEA CADDY.
C111 ON PAGE 67
IS THE HANDLE



Height
15/16"
24mm

C23

Width
1 5/8"
41mm



Height
2 9/16"
65mm

Width
2 7/16"
62mm

A70



Height
2 1/2"
63mm

Width
4 3/16"
106mm

C to C
3"
76mm

A71



Height
2 1/8"
54mm

Width
3 3/16"
81mm

C to C
2 1/8"
54mm

C24



Height
2 1/8"
53mm

Width
3 1/4"
82mm

C to C
2 1/8"
54mm

C25



Height
2 1/8"
53mm

Width
3 3/16"
81mm

C26



Height
2 7/16"
62mm

Width
3 13/16"
97mm

C to C
2 13/16"
72mm

C27



Height
2 7/16"
62mm

Width
3 13/16"
97mm

C to C
2 13/16"
72mm

C28



Height
2 1/4"
58mm

Width
3 11/16"
93mm

C29



A88

Height
3"
76mm
Width
4 7/16"
113mm
C to C
3 1/16"
78mm



C30

Height
3"
76mm
Width
4 7/16"
113mm
C to C
3"
76mm



A89

Height
2 15/16"
76mm
Width
4 3/8"
111mm

Height
2 1/16"
52mm
Width
3 3/16"
81mm
C to C
2 1/4"
58mm



A72

Height
2"
51mm
Width
3 3/16"
81mm



A73

Height
2 1/8"
53mm
Width
3 3/4"
95mm



B12

C to C
2 1/2"
63mm

Height
2 1/8"
53mm
Width
3 5/8"
92mm



B13

C to C
2 7/16"
62mm

Height
2 3/8"
61mm
Width
4 1/8"
105mm



C31

C to C
2 7/8"
73mm



C32

Height
2 1/4"
58mm
Width
3 7/8"
98mm

Height
2 3/8"
61mm
Width
4 1/8"
105mm



C33

C to C
2 7/8"
73mm



Height
2 1/2"
63mm

Width
3 9/16"
90mm

C to C
2 1/2"
63mm

A74



Height
2 1/2"
63mm

Width
3 9/16"
90mm

A75



Height
2 7/8"
73mm

Width
3 15/16"
100mm

C to C
2 5/8"
67mm

A76



Height
2 5/8"
67mm

Width
3 3/4"
95mm

A77



Height
2 3/8"
61mm

Width
3 1/2"
89mm

C to C
2 5/16"
59mm

A78



Height
2 3/8"
61mm

Width
3 1/2"
89mm

A79



A80

Height
1"
26mm

Width
2 1/2"
63mm



Height
2 7/8"
73mm

Width
4 5/8"
118mm

A81

C to C
2 7/16"
62mm



Height
2 7/8"
73mm

Width
4 3/16"
106mm

A82



Height
2 15/16"
75mm

Width
4 9/16"
116mm

A83

C to C
2 3/8"
61mm



Height
3 3/16"
81mm

Width
5 7/8"
149mm

B18

FOR NOTE ON FINISHES SEE PAGE 2



Height
3 1/4"
82mm

Width
5 15/16"
151mm

C to C
3 1/4"
82mm

B16



Height
3 1/4"
82mm

Width
5 15/16"
152mm

C to C
3 1/4"
82mm

B17



Height
2 11/16"
68mm

Width C to C
3 1/2" 2 7/16"
89mm 62mm

A84



Height
2 11/16"
68mm

C to C
2 7/16" 62mm

Width
3 1/2" 89mm

A85



Height
2 11/16"
68mm

Width
3 1/2" 89mm

A87



Height
2 1/2"
63mm

Width
2 9/16"
65mm

A86



Height
3 1/8"
80mm

Width
4 5/16"
110mm

C34

C to C
3 1/8"
80mm



C35

Height
3 1/16"
78mm

Width
4 1/4"
108mm



A111

Height
2 5/16"
59mm

Width
4 3/8"
111mm

C to C
3 3/8"
86mm



A112

Height
2 7/16"
62mm

Width
4 1/2"
115mm

C to C
3 3/8"
86mm



A113

Height
2 7/16"
62mm

Width
4 1/2"
114mm

A90

Height
2 5/16"
59mm

Width
3 3/16"
81mm

C to C
2 3/8"
61mm



A91

Height
2 3/16"
55mm

Width
3 1/8"
79mm



A92

Height
2 5/8"
66mm

Width
3 5/16"
84mm

C to C
2 5/8"
66mm



A93

Height
2 5/8"
66mm

Width
3 5/16"
84mm



A94

Height
2 7/16"
62mm

Width
3 7/8"
98mm

C to C
2 3/4"
69mm



A95

Height
2 1/8"
55mm

Width
3 1/4"
83mm



A114



Height
2 3/8"
61mm

Width C to C
3 7/16" 2 1/2"
88mm 64mm

A115



Height
2 3/8"
61mm

Width
2 13/16"
71mm

A116



Height
2 5/8"
67mm

Width C to C
3 11/16" 2 3/4"
94mm 70mm

A117



Height
2 5/8"
67mm

Wide
3 3/4"
96mm

A118



Height
3 1/8"
79mm

Width C to C
3 13/16" 2 3/4"
97mm 70mm

A119



Height
3 1/16"
78mm

Width
3 13/16"
97mm

A96



Height
2 1/2"
63mm
Width C to C
3 1/2" 2 3/8"
89mm 60mm

A97



Height
2 1/2"
63mm
Width C to C
3 1/2" 2 3/8"
89mm 60mm

A98



Height
2 7/16"
61mm
Width
3 7/16"
88mm

A99



Height
2 3/8"
60mm
Width C to C
3 1/2" 2 5/8"
89mm 67mm

A100



Height
2 3/8"
60mm
Width
3 1/2"
89mm

A101



Height
3 1/4"
83mm
Width
4 1/4"
108mm
C to C
3 3/8"
86mm

A102



Height
2 7/8"
73mm
Width
3 7/8"
98mm



A103

Height
3"
75mm

Width C to C
4 1/4" 3 1/8"
108mm 80mm



A104

Height
2 3/4"
70mm

C to C Width
3" 4 1/6"
76mm 103mm



A105

Height
2 3/4"
69mm

Width
4"
102mm



A106

Height
1 13/16"
46mm

Width C to C
3" 2 1/4"
76mm 57mm



A108

Height
1 15/16"
49mm

Width
2 1/4"
57mm



A107

Height
1 3/4"
44mm

Width
3"
76mm



A109

Height
1 13/16"
46mm

Width
3 1/4"
83mm

C to C
2 1/2"
63mm



A110

Height
1 13/16"
46mm

Width
3 5/16"
84mm

C to C
2 1/2"
63mm

Height
2 3/4"
70mm

Width
3 15/16"
100mm



A122



A125

Height
2 3/8"
61mm

Width
1 3/8"
35mm



A123

Height
2 13/16"
72mm

Width
3 15/16"
100mm

C to C
2 13/16"
72mm



A124

Height
2 13/16"
72mm

Width
4"
102mm

C to C
2 3/4"
70mm

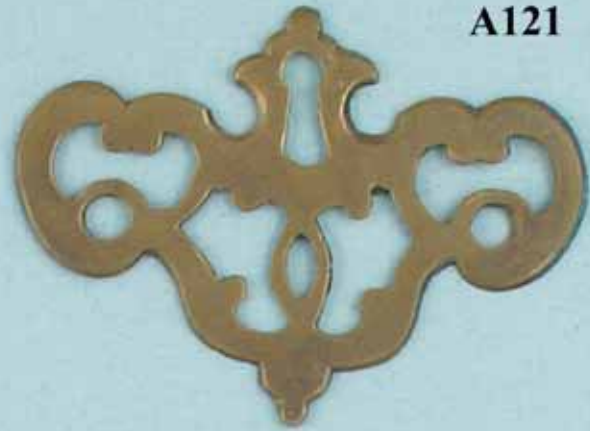


A120

Height
2 3/16"
55mm

Width
3"
76mm

C to C
2 1/6"
52mm



A121

Height
2 3/16"
55mm

Width
3"
76mm



C36

Height
3 7/16"
87mm

Width
4 5/16"
110mm

C to C
3 5/16"
84mm



C37

Height
3 7/16"
87mm

Width
111mm
4 3/8"



Height
2 5/8"
66mm

Width
3 1/8"
80mm

A126



Height
2 7/16"
62mm

Width
3 7/16"
87mm

C to C
2 1/2"
63mm

A127



Height
2 13/16"
71mm

Width
3 1/2"
89mm

A128



Height
2 7/8"
73mm

Width
3 5/8"
92mm

C to C
2 3/4"
70mm

A129



Height
3 1/4"
82mm

Width
4 3/8"
111mm

C to C
3 1/4"
83mm

A130



Height
2 3/4"
70mm
Width
4 3/16"
106mm

A137



Height
2 13/16"
72mm
Width
4 1/4"
109mm
C to C
2 5/8"
67mm

A139



Height
2 13/16"
71mm
Width
4 1/4"
108mm
C to C
2 5/8"
67mm

A138



Height
2 15/16"
74mm

Width
3 5/16"
85mm

A140

C to C
2 3/8"
61mm



Height
2 15/16"
74mm

Width
3 5/16"
85mm

A141



Height
3 1/2"
89mm

Width
4 9/16"
116mm

A146

C to C
3"
76mm



Height
3 7/16"
87mm

Width
4 3/8"
111mm

A145



Height
2 5/8"
67mm

Width
3 5/16"
84mm

A143

C to C
2 1/4"
57mm



Height
2 5/8"
67mm

Width
3 5/16"
84mm

A142

C to C
2 1/4"
57mm



Height
2 5/8"
67mm

Width
3 5/16"
84mm

A144



Height
2 15/16"
75mm

Width
4 3/16"
106mm

B19

C to C
3"
76mm



Height
2 15/16"
75mm

Width
4 1/8"
105mm

B20



Height
2 1/16"
52mm

Width
3 7/16"
88mm

C to C
2 1/8"
54mm

A135



Height
2"
51mm

Width
3 7/16"
88mm

A136



B21

Height
3 11/16"
94mm

Width
5 3/164"
132mm

C to C
4"
102mm

FOR NOTE ON FINISHES SEE PAGE 2



B22

Height
3 11/16"
94mm

Width
5 1/8"
130mm



Height
3 1/2"
89mm

Width
4 7/16"
113mm

A132

C to C
3 3/8"
86mm



Height
2 7/8"
73mm

Width
4"
101mm

A131



Height
3 7/8"
98mm

Width
4 13/16"
122mm

A133

C to C
4"
102mm



A134

Height
3 3/4"
96mm

Width
4 13/16"
122mm

Backplate dia.
11/16"
18mm

A163

C to C
2 1/2"
64mm



FROM A GEORGE II
BACHELOR'S CHEST

A164

Backplate dia.
7/8"
23mm



C to C
2 3/4"
70mm

Backplate Height
1 1/8"
29mm

A165

Backplate Width
13/16"
20mm



C to C
2 3/4"
70mm

A166

Backplate dia.
7/8"
23mm



C to C
3"
76mm

Backplate Height
1 1/8"
29mm

A167

Backplate Width
13/16"
20mm



C to C
3"
76mm

A168

Backplate dia.
1 1/16"
28mm

C to C
3 1/4"
83mm



A169

Backplate dia.
1 1/16"
28mm

C to C
3 1/4"
83mm



A170

Backplate Height
1 1/8"
29mm

Backplate Width
13/16"
20mm

C to C
3 1/4"
83mm



A171

Backplate dia.
1 1/16"
28mm

C to C
3 1/2"
89mm



A172

Backplate dia.
1 1/16"
28mm

C to C
3 1/2"
89mm



A173

Backplate Height
1 3/16"
30mm

Backplate Width
7/8"
22mm

C to C
3 1/2"
89mm



A174

Backplate dia.
1 3/16"
30mm

C to C
3 3/4"
95mm



C38

Backplate dia.
1 1/8"
30mm

C to C
3 3/4"
95mm



A175

Backplate Height
1 5/16"
33mm

Backplate Width
1"
26mm

C to C
3 3/4"
95mm



A176

Backplate dia.
1 1/4"
32mm

C to C
4"
102mm



A177

Backplate Height
1 5/16"
33mm

Backplate Width
1"
26mm

C to C
4"
102mm



A178

Backplate dia.
1 3/8"
35mm

C to C
4 1/4"
108mm



A179

Backplate Height
1 1/2"
38mm

Backplate Width
1 1/16"
27mm

C to C
4 1/4"
108mm



A181

Backplate dia.
1 3/16"
30mm

C to C
3 5/8"
92mm



A182

Backplate Height
1 3/16"
30mm

Backplate Width
7/8"
22mm

C to C
3 5/8"
92mm



C39

Backplate dia.
1 3/16"
30mm

C to C
3 7/8"
98mm



A183

Backplate dia.
1 5/16"
33mm

C to C
3 3/4"
95mm



C40

Backplate dia.
1 1/4"
32mm

C to C
3 3/4"
95mm



B15

Backplate dia.
1 7/16"
36mm

C to C
4 1/2"
115mm

FLUSH THREAD ESCUTCHEONS

C41 Height 1/2" 13mm Width 1/4" 7mm		C42 Height 9/16" 14mm Width 5/16" 8mm		A184 Height 5/8" 16mm Width 5/16" 8mm		C43 Height 3/4" 19mm Width 3/8" 10mm		A185 Height 13/16" 21mm Width 3/8" 10mm		A186 Height 15/16" 24mm Width 7/16" 11mm		A187 Height 1" 26mm Width 1/2" 13mm	
C41		C42		A184		C43		A185		A186		A187	

A192 Height 1 3/8" 35mm Width 1 1/4" 24mm		C44 Height 1 3/8" 35mm Width 1" 25mm		A193 Height 1 9/16" 40mm Width 7/8" 22mm To fit hole height 7/8" 22mm		A188 Height 11/16" 18mm Width 3/8" 9mm		A188 To fit hole height 11/16" 17.5mm		A189 Height 15/16" 24mm Width 13mm To fit hole height 13/16" 21mm		A189 Height 1 1/16" 27mm Width 9/16" 14mm To fit hole height 7/8" 22mm	
A192		C44		A193		A188				A189		A191	

FLANGED

A180

Backplate Height
1 1/8"
29mm

Backplate Width
7/8"
22mm

C to C
3 1/4"
83mm



C45

Backplate dia.
1"
26mm

C to C
3 1/8"
79mm



C46

Backplate dia.
1 3/16"
30mm

C to C
3 1/2"
89mm



Backplate dia.
1"
25mm

DOUBLE-SIDED
CADDY HANDLE
POMMELS HAVE
1" LONG THREADS

C to C
2 5/8"
67mm

Height
2 1/16"
52mm

Width
1 1/4"
32mm



A200



C47

Height
2 5/16"
58mm

Width
1 1/2"
38mm



A201

Backplate Height
1 15/16"
49mm

Backplate Width
1 5/16"
33mm

C to C
3"
76mm



A203

Backplate Height	Backplate Width	C to C
1 7/8" 48mm	1 1/2" 38mm	3 1/2" 89mm



A204



Height
2"
51mm

Width
1 1/2"
39mm

A205

Height
2 1/2"
63mm

Width
1 3/8"
35mm



A206

Backplate Height	Backplate Width	C to C
2 1/2" 63mm	1 1/4" 32mm	3 3/4" 95mm



A207

Backplate dia.
 1 3/16"
 30mm

 C to C
 3 3/4"
 95mm



C48

Backplate Height
 1 9/16"
 39mm

 Backplate Width
 1 1/4"
 31mm

 C to C
 4"
 102mm

C49

Height
 1 5/8"
 41mm

 Width
 1 5/16"
 33mm



C50

B41

Height
 2 15/16"
 74mm

 Depth
 3/16"
 5mm

 Max. Width
 2 15/16"
 75mm



Backplate dia.
 2 1/16"
 52mm

 C to C
 4 3/4"
 121mm

B42



Backplate dia.
1 1/16"
26mm

C to C
3 1/8"
79mm



A196

Backplate dia.
1 3/16"
30mm

C to C
3 3/4"
95mm



A197

Backplate dia.
1 15/16"
49mm

C to C
5"
127mm



A198

← FLANGED →

Height
7/8"
22mm



A190

Width
1/2"
13mm

To fit
hole
height
13/16"
21mm

Height
15/16"
24mm



C51

Width
1/2"
12mm

To fit
hole
height
7/8"
22mm

Height
1 1/16"
27mm



C52

Width
9/16"
14mm

To fit
hole
height
15/16"
24mm

Internal Keyhole Depth
13/16"
20mm



C53

Cover Height
1 3/8"
35mm

Cover Width
11/16"
17mm

FLUSH FITTING WITH
SWINGING COVER



C54

Backplate dia.
1 3/8"
35mm

C to C
3 5/8"
92mm



A210

Backplate dia.
15/16"
24mm

C to C
3 1/2"
89mm



C55

Backplate dia.
1 3/16"
30mm

C to C
3 7/8"
98mm



C56

Backplate dia.
1 5/16"
34mm

C to C
4 1/8"
105mm

Height
2 7/16"
62mm

Width
1 7/8"
48mm

OPTIMUM BRASSES

Height
2 1/16"
52mm

Width
1 1/2"
39mm



A208



A199



Height
2 1/4"
57mm

Width
2 1/4"
57mm

B40



A209

Backplate dia.
1 1/4"
32mm

C to C
3 5/8"
92mm



A194

Backplate Height
1 5/16"
34mm

Backplate Width
1 5/16"
24mm

C to C
3 3/8"
86mm



A195

Backplate Height
1 9/16"
40mm

Backplate Width
1 1/8"
29mm

C to C
3 7/8"
98mm

Height
3 7/16"
88mm

Width
2 5/8"
67mm



B43



Height
3"
76mm

Width
2 3/16"
55mm

B39

Height
1 1/16"
27mm

Width
5/8"
16mm



To fit hole
height
7/8"
23mm

B69

FLANGED



Backplate dia. C to C
2 1/4" 4 3/4"
57mm 121mm

A286



Backplate dia. C to C
1 7/8" 5"
47mm 127mm

B45

Backplate dia.
(integral to post)
1 1/16"
27mm

C to C
4 1/2"
114mm



C57

FOR NOTE ON FINISHES SEE PAGE 2



A287

Height
3"
76mm

Width
4 1/8"
105mm

Backplate
Height
1 13/16"



C58

46mm
Backplate
Width C to C
3 3/16" 2 1/16"
81mm 52mm



A288

Height
1 3/4"
45mm

Width
3 1/8"
79mm



A289

Height
3"
76mm

Width
7 1/2"
190mm

Backplate Height
2 5/16"
59mm

Backplate Width
2 15/16"
75mm

C to C
2 3/8"
60mm



A218

Backplate Height
2 9/16"
66mm

Backplate Width
3 9/16"
90mm

C to C
2 7/8"
73mm



C59

Backplate Height
1 7/8"
48mm



C60

Backplate Width
3 1/2"
89mm

C to C
2 5/8"
67mm



C61

Height
1 5/8"
42mm

Width
3 1/16"
78mm



B26

Backplate Height
2 1/4"
57mm

Backplate Width
4 1/4"
108mm

C to C
3 5/16"
84mm

Backplate Height
2"
51mm

Backplate Width
2 9/16"
66mm

C to C
2 1/8"
54mm



C62

Backplate Height
2"
51mm



A216

Backplate Width
3 1/4"
82mm

C to C
2 5/8"
67mm

Backplate Height
2 1/8"
54mm



C63

Backplate Height
1 15/16"
49mm

Backplate Width
3 7/16"
88mm

C to C
3"
76mm

Backplate Width
3 13/16"
97mm

C to C
3 1/8"
79mm



B25

Backplate Height
2 1/4"
57mm

Backplate Width
3 3/4"
95mm

C to C
2 3/8"
60mm



A219

Backplate Height
1 5/8"
41mm



C64

Backplate Width
2 1/16"
53mm

C to C
1 5/8"
41mm

Backplate Height
2"
51mm



C65

Backplate Width
2 7/8"
73mm

C to C
2 3/16"
56mm

Height
1 7/8"
48mm



C66

Width
1 5/16"
34mm

Height
1 3/8"
35mm



A215

Width
1 1/8"
29mm

Height
1 3/4"
44mm



A214

Width
1 3/16"
30mm

Backplate Height
1 3/4"
44mm

A217



Backplate Width
3 3/16"
81mm

C to C
2 3/4"
70mm

C67



Backplate Height
2 3/16"
55mm

Backplate Width
3 1/2"
89mm

C to C
2 7/16"
62mm

Backplate Height
2 5/8"
67mm

Backplate Width
3 3/8"
85mm

C to C
2 5/8"
67mm



B24

Height
1 7/16"
36mm

Width
1 5/16"
24mm



C68



B65

Height
1 7/8"
48mm

Width
1 3/16"
30mm

C69



Height
1 7/16"
36mm

Width
1 1/16"
27mm

C70



Height
1 5/8"
41mm

Width
1 1/4"
33mm

Backplate Height
2 1/8"
54mm

Backplate Width
3 1/2"
89mm

C to C
2 3/4"
70mm



C71



A212

Backplate Height
2 3/16"
55mm

Backplate Width
3"
77mm

C to C
2 3/8"
61mm



A211

Backplate Height
1 1/2"
38mm

Backplate Width
2"
51mm

C to C
9/16"
14mm



C72

Backplate Height
2 1/16"
53mm

Backplate Width
3 9/16"
91mm

C to C
3 1/8"
80mm



A213

Height
1 5/8"
41mm

Width
1 3/16"
30mm

Height
1 11/16"
43mm

Width
2 1/8"
54mm



C73

Height
1 7/8"
48mm

Width
2 7/16"
62mm



A220

Overall Height
2 1/16"
53mm

Overall Width
2 13/16"
72mm



Backplate
Height
1 5/8"
42mm

Backplate
Width
2 1/2"
63mm

C74
RING ENCLOSURES
BACKPLATE



Height
2 3/8"
60mm

Width
3 1/8"
80mm

A221



Height
2 1/2"
63mm

Width
3 1/8"
80mm

C75

1 5/16"
33mm
dia.



C76

1 5/8"
41mm
dia.



A224

1 7/8"
48mm
dia.



C77

2 1/16"
52mm
dia.



A225

2 1/2"
63mm
dia.



A227

1 1/8"
28mm
dia.



A223

BRASS WIRE
FIXING

1 1/2"
38mm
dia.



A222

BRASS TAPE
FIXING

2"
51mm
dia.



C78

Backplate width
1 11/16"
43mm

Overall width
1 3/4"
45mm



C79



Width
2 1/4"
57mm

A226

1 7/8"
47mm
dia.



C80



Backplate dia.
1 5/16"
34mm

Ring Width
1 3/4"
45mm

C81

Backplate dia.
2 1/16"
52mm

C to C
1 5/8"
41mm



A228



Backplate dia.
2 3/4"
70mm

C to C
1 7/8"
48mm

A229

Backplate Height
1 3/16"
30mm

Backplate Width
1"
26mm

Ring dia.
15/16"
24mm



A233

Backplate Height
2 1/16"
52mm

Backplate Width
1 7/8"
47mm

Ring dia.
1 7/8"
47mm



C82

Backplate dia.
2 5/8"
67mm

C to C
2 1/4"
57mm



A231

Backplate height
2 3/8"
60mm

Backplate width
2 3/16"
55mm

Ring dia.
2 3/16"
55mm



A234



C83

2 7/16"
62mm
dia.



B23

1 13/16"
46mm
dia.



Backplate Height
1 9/16"
40mm

Backplate Width
2 1/16"
53mm

Ring dia.
1 11/16"
43mm

C84

FOR NOTE ON FINISHES SEE PAGE 2



Backplate height
3"
76mm

Overall height
3 3/16"
80mm

Width
2 13/16"
72mm

C. C.
2 3/8"
61mm

A232



Backplate Height
1 3/8"
35mm

Backplate
Width
1 3/16"
30mm

Ring dia.
1 1/2"
38mm

A230



Backplate dia.
2 5/8"
67mm

Ring dia.
2 3/16"
56mm

B74

Height
4 3/16"
107mm

Width
1 3/16"
31mm



C85

Height
2"
50mm

Width
3 7/8"
99mm



C86

Backplate
Height
1 5/16"
24mm

Backplate
Width
2 3/16"
55mm

Drop
from
centre
1 5/16"
34mm



C87

Backplate
Height
1 9/16"
40mm

Backplate
Width
3 13/16"
97mm

Drop
from
centre
1 13/16"
45mm



C88

Backplate Height
1 5/8"
42mm

Backplate Width
4 1/16"
103mm



A290

3/4"
18mm
dia.

To fit
hole dia.
11/16"
17mm



B66



C89

15/16"
24mm
dia.

To fit
hole dia.
7/8"
22mm

Height
11/16"
17mm

Width
3/8"
9mm



B67



B68

Height
3/4"
19mm

Width
7/16"
11mm



B70

Backplate
height
1 7/8"
47mm

Width
3 3/8"
85mm

Width
1 5/8"
41mm

Drop
from
centre
1 1/2"
38mm



B73

Width
1 1/4"
32mm

Drop
from
centre
1 1/4"
31mm



C90

Width
1"
25mm

Drop
from
centre
5/8"
16mm



C91



B72

Width and height
1 1/4"
32mm

Backplate
Height
1 9/16"
40mm

Backplate
Width
3 1/4"
83mm

Drop from
centre
2 1/16"
53mm



B71

BACKPLATE CAN BE
TURNED THROUGH 90°



C92

Backplate
Height
1 7/16"
36mm

Backplate
Width
2"
51mm

Drop from
centre
1 9/16"
40mm

Knob and backplate dia. 9/16" 14mm



A242



Knob and backplate dia. 1 1/4" 32mm

C93



Knob and backplate dia. 1 7/16" 37mm

A241



Knob dia. 1 1/8" 29mm

Overall length 2 1/2" 63mm



B58



Height 1 3/16" 30mm
Width 3/8" 10mm

B59



B60



Height 1 1/16" 27mm
Width 1/2" 13mm

CAN BE TAPPED TO FIT B58 OR SOME OTHER KNOBS



B44



Knob Height 1" 25mm
Knob Width 1 1/16" 17mm
Backplate Height 1 3/16" 30mm
Backplate Width 1 3/16" 21mm

Knob dia.
1 1/16"
27mm

Backplate
dia.
1 5/16"
34mm



C94

Knob dia.
1 9/16"
40mm

Backplate
dia.
1 5/8"
41mm



A240

C95

Knob dia.
1 13/16"
46mm

Backplate
dia.
1 7/8"
47mm



Knob dia.
5/8"
16mm

Backplate dia.
1 1/2"
38mm



B57



Knob and
backplate dia.
1 3/16"
30mm



C96



Knob dia.
13/16"
21mm

Backplate dia.
15/16"
24mm



A239



Knob dia.
1 1/4"
32mm

Backplate dia.
1 7/16"
37mm



C97



Knob dia.
1 7/16"
36mm

Backplate dia.
1 3/8"
35mm



C98



1/2"
12mm
dia.



C99



11/16"
17mm
dia.



A235



3/8"
10mm
dia. at
base

Knob dia.
13/16"
20mm



Backplate
dia.
7/8"
22mm

A236

Knob dia.
1 1/16"
27mm



A237

Backplate
dia.
1 5/16"
33mm



Knob dia.
1 3/8"
35mm



C100

Backplate
dia.
1 5/16"
33mm



Knob dia.
1 1/4"
32mm



Backplate
dia.
1 3/16"
30mm



B62

Knob and
backplate dia.
13/16"
21mm



C101

Knob dia.
1"
25mm

Backplate
dia.
15/16"
24mm



B61

FOR NOTE ON FINISHES SEE
PAGE 2

Knob dia.
1 3/16"
30mm

Backplate dia.
1 1/16"
27mm



C102

13/16"
20mm
dia.

C103



A243

Knob dia.
1 1/16"
27mm

Backplate
dia.
1 1/8"
28mm



A244

Knob dia.
1 9/16"
40mm

Backplate
dia.
1 9/16"
40mm



Knob dia.
1"
25mm



C104

Backplate dia.
1 3/16"
20mm



Knob dia.
1 1/2"
38mm



C105

Backplate dia.
1 7/16"
37mm



Knob dia.
1 7/8"
48mm



A245

Backplate dia.
1 7/8"
48mm



THREAD LENGTH IS
APPROXIMATELY AS
SHOWN ON ALL KNOBS

Knob dia.
2"
50mm



B63

Backplate dia.
1 7/8"
47mm



Width
1 1/16"
18mm

Drop
from
centre
5/8"
16mm



A246

Width
1 5/16"
24mm

Drop
from
centre
1 3/16"
20mm



A247

Width
1 9/16"
40mm

Drop
from
centre
1 1/4"
32mm



A248
THREAD & NUT
FIXING



Width
1 5/8"
41mm

C106

Drop
from
centre
1 1/4"
31mm

Width
1 3/16"
20mm



A249

Drop
from
centre
1 1/16"
17mm

Width
1 1/8"
28mm



A250

Drop
from
centre
1 5/16"
24mm

Width
1 9/16"
40mm



A251

Drop
from
centre
1 1/4"
32mm

Width
9/16"
14mm



C107

Drop
from
centre
3/8"
10mm

Width
1 1/16"
17mm



A252

Drop
from
centre
9/16"
14mm

Width
7/8"
22mm



A253

Drop
from
centre
5/8"
16mm

Width
1"
25mm



A254

Drop
from
centre
1 1/16"
18mm

Width
1"
25mm



A255

Drop
from
centre
7/8"
22mm

Width
1 3/8"
35mm



A256
THREAD & NUT
FIXING

Drop
from
centre
1"
25mm

Width
1 13/16"
46mm



A257

Drop
from
centre
1 3/8"
35mm

THREAD & NUT
FIXING

CONVERSION KIT FOR CUPBOARD TURN



A258

SHOWN HERE WITH
A256 DROP. ALSO
SUITABLE FOR C106, A248,
A250 AND A251

2 5/16"
59mm
available
length

CONVERSION KIT FOR
MIRROR FITTING



C108

SHOWN HERE WITH
A255 DROP. CAN BE
ASSEMBLED TO ANY DROP

Plate Height
1 5/16"
24mm

Plate Width
5/16"
8mm

Washer
Height
1 1/16"
27mm

Washer
Width
1/2"
13mm



C109 BACKPLATES HAVE CENTRAL THREADS

Backplate Height
1 9/16"
40mm

Backplate Width
1 1/8"
28mm

C to C
4 7/16"
112mm

SEE ALSO A64, PAGE 14 &
A198, PAGE 44



B64
Width
3 1/8"
79mm



Backplate Height
1 1/4"
31mm

Backplate Width
7/8"
23mm

C110

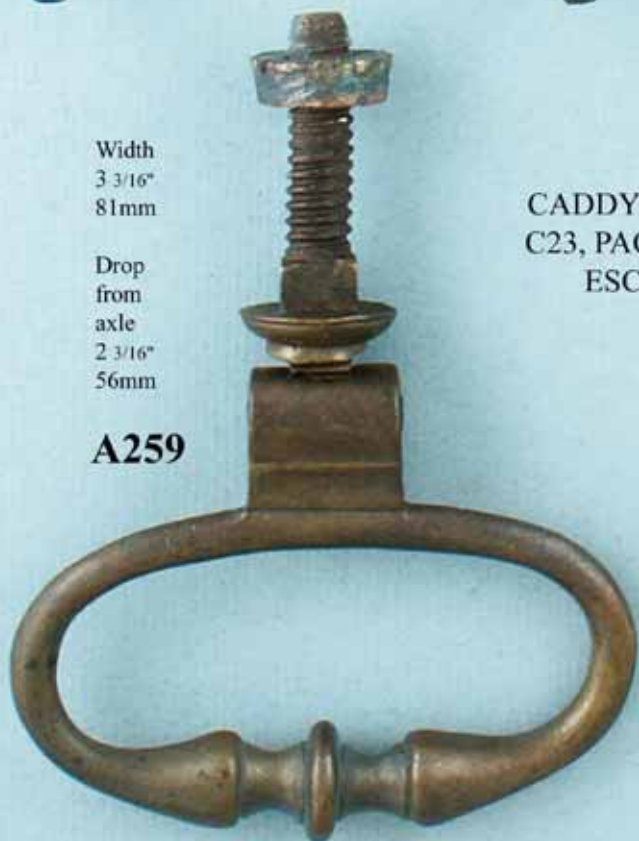
Surface Mounted - overall width 3 3/8" 86mm



Backplate dia.
13/16"
21mm

C to C
2 7/8"
73mm

C111



Width
3 3/16"
81mm

Drop from
axle
2 3/16"
56mm

A259

CADDY HANDLE. SEE
C23, PAGE 15 FOR THE
ESCUTCHEON



Width
1 15/16"
50mm

Drop from
centre
1 5/8"
41mm

C112

Width
3/8"
10mm

Overall
length
7 13/16"
199mm



C113

Width
1/2"
12mm

Overall
length
2 15/16"
75mm



C114

Width
3/8"
9mm

Overall
length
1 9/16"
40mm



C115

C116

Width
9/16"
15mm

Overall
length
2 9/16"
66mm



C117

Width
9/16"
15mm

Overall
length
2 7/8"
73mm



EARLY 18TH
CENTURY SURFACE
MOUNTED BOLTS



C118

Overall length (inc.
thumb screw)
3 11/16"
94mm

Thread dia.
3/8"
9mm

Keep plate for both these bolts measures 1 5/8", 42mm x 3/4", 19mm



C119

Overall length (inc.
thumb screw)
4 7/16"
113mm

Thread dia.
7/16"
11mm

Length (end to end)
3 1/8"
79mm

Width (across
screw eyes)
2 7/16"
62mm

C120



Width
1 1/8"
29mm

Depth
3/4"
19mm

B90



B91

1 1/2"
38mm
dia. (excl. ears)



C121

End to End
2 1/4"
58mm



A264

End to End
2 3/16"
55mm



C122

End to End
13/16"
21mm



C125

End to End
2 1/4"
57mm



End to End
1 5/16"
34mm

C123



End to End
1 1/4"
32mm

C124



C128

External
dia. of eye
3/16"
5mm

End to End
2 1/4"
57mm

C126



C127

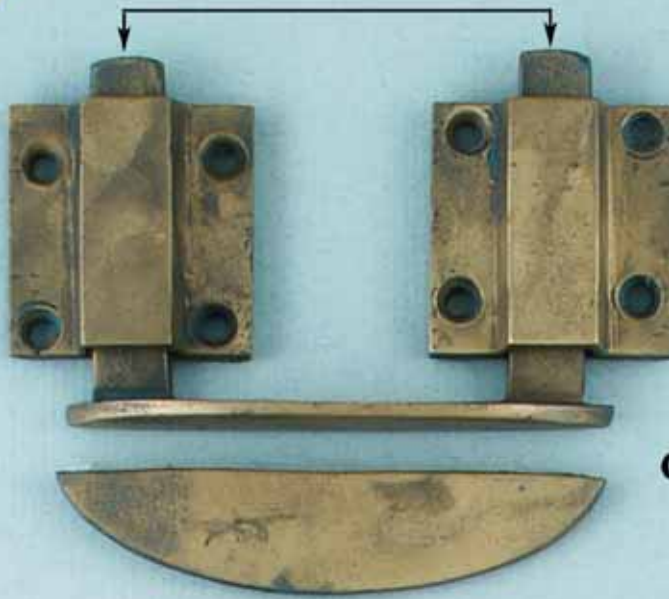
End to End
2 1/4"
57mm



C129

External
dia. of eye
1/2"
12mm





Centre of prong to centre of prong
 2 1/4"
 57mm

Thickness of prong
 1/8"
 3mm

VIEW FROM
 UNDERSIDE OF CLIP.
 SURFACE
 MOUNTED BOXES

C130

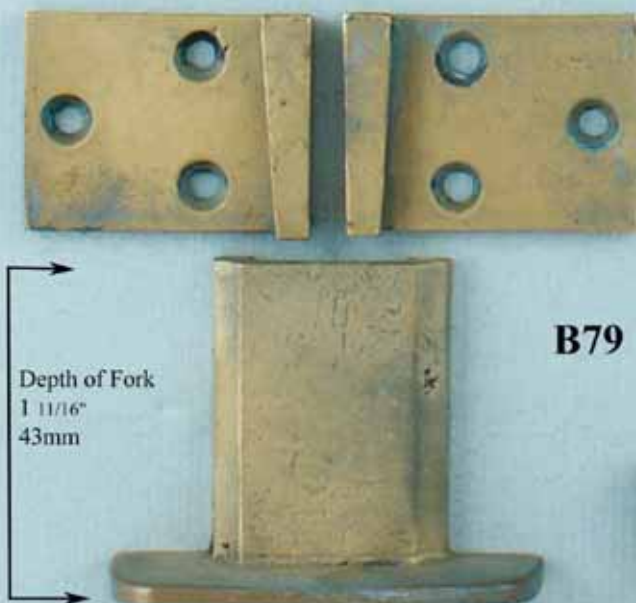


Centre of prong to centre of prong
 3 1/16"
 77mm

Thickness of prong
 3/16"
 4mm

VIEW FROM
 UNDERSIDE
 OF CLIP.
 INSET BOXES

C131



Depth of Fork
 1 11/16"
 43mm

B79

DOVETAIL FORK
 TIGHTENS CLIP



Width of Fork
 2 1/4"
 57mm

Opened height
2 1/2"
64mm

Width
7/16"
11mm



A160

Opened height
2 11/16"
69mm

Width
1"
25mm



B76



C132

Width
1 9/16"
40mm

Opened length
2 11/16"
69mm

Total Height
1 1/2"
39mm

Depth of return
11/16"
17mm

Flap Height
13/16"
20mm

Flap Width
11/16"
17mm



B78

Length of face
2 15/16"
74mm



B77

Opened height
2 3/16"
56mm

Width
7/8"
22mm

Height
2 15/16"
75mm

Opened width
2 1/16"
52mm



A159



A162

Height (when folded)
1"
25mm

Width (when folded)
2 5/16"
59mm

Height
1 1/4"
31mm

Leaf width to knuckle
3/8"
9mm



C133

Height
7/8"
23mm

Leaf width to knuckle
1/4"
6mm



C134



A161

Height
3/4"
19mm

FOR PAPIER
MACHE

Opened width
13/16"
21mm

STOPPED HINGES FOR BOXES



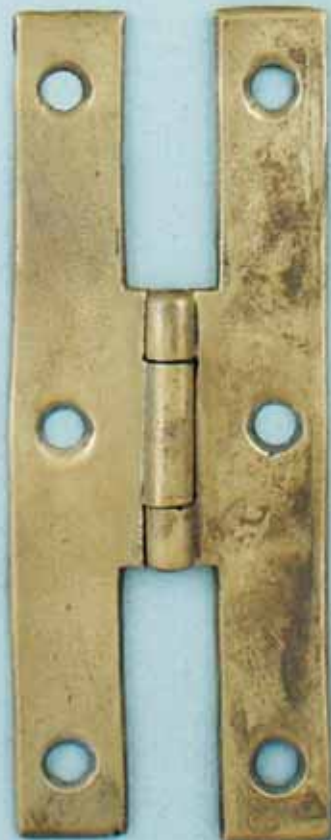
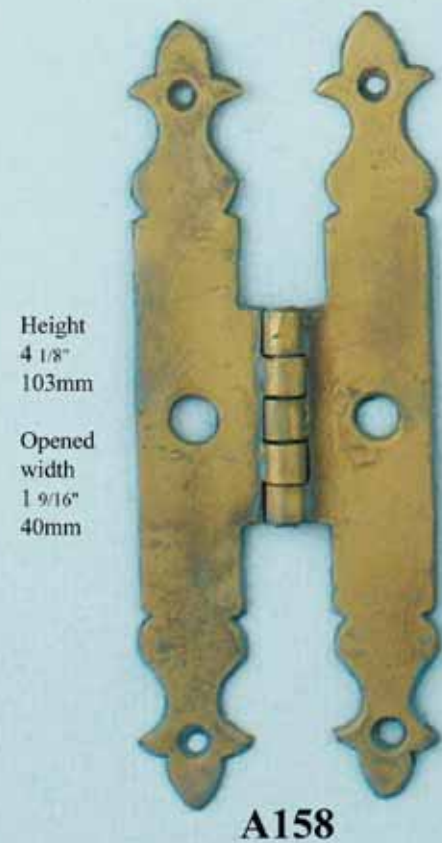
Height
4 1/16"
103mm

Opened
width
1 7/8"
48mm



Height
2 7/8"
73mm

Opened
width
1 3/8"
35mm



Height
4 5/16"
110mm

Opened
width
1 5/8"
42mm



Height
3 3/8"
86mm

Width
1 3/8"
35mm

Height
1 3/16"
31mm

Aperture
1"
25mm
dia.

Tapering to
3/4"
19mm
dia.



C138

Height
1 5/16"
34mm

Aperture
9/16"
15mm
square

Tapering to
5/16"
8mm
square



B30



7/8"
22mm
dia.

C139



C140

Gives lift of
5/8"
16mm



B31

Gives lift of
1 1/16"
27mm



C141

Height
1 3/4"
44mm

Width across
paw
1 3/4"
45mm

Length from
heel to toe
2 3/4"
70mm

Aperture
1"
25mm
dia.



A266

Height
3 1/8"
80mm

To fit leg
approx.
1 1/16"
17mm

Aperture
1/2"
13mm
square



C142

Gives lift of	Length	Width across	Width across
1 1/4"	3 5/8"	paw	splay
31mm	92mm	1 1/2"	2"
		38mm	51mm



C143

INTERNAL WIDTH OF OPENING 13/16" 21mm
INTERNAL HEIGHT OF OPENING 11/16" 18mm
GIVES LIFT OF 1 1/8" 29mm
TOTAL HEIGHT 1 15/16" 49mm
WHEEL DIA. 1" 25mm



C144

INTERNAL WIDTH OF OPENING AT BASE 1 1/2" 38mm
INTERNAL WIDTH OF OPENING AT TOP 1 3/8" 35mm
INTERNAL HEIGHT OF OPENING 1 5/16" 33mm
GIVES LIFT OF 1 3/4" 44mm
TOTAL HEIGHT 3 1/8" 80mm
WHEEL DIA. 1 1/2" 38mm



A147

INTERNAL WIDTH OF OPENING AT BASE 1 1/4" 32mm
INTERNAL WIDTH OF OPENING AT TOP 1 1/8" 29mm
INTERNAL HEIGHT AT CENTRE OF OPENING 1 1/4" 32mm
GIVES LIFT OF 1 5/8" 41mm
TOTAL HEIGHT 3 1/8" 80mm
WHEEL DIA. 1 1/4" 32mm

A148

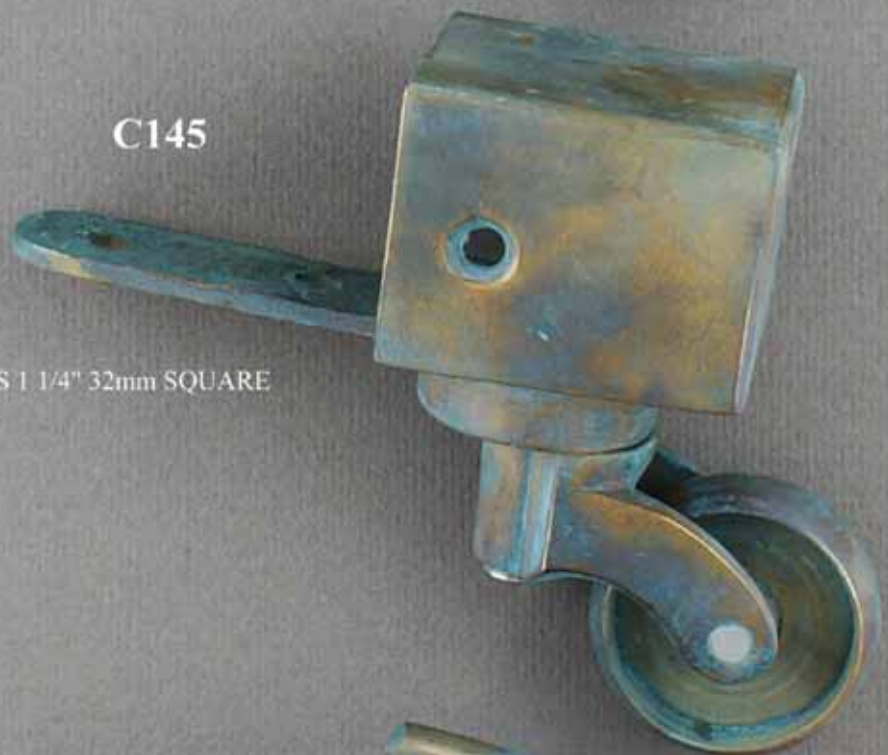
INTERNAL WIDTH OF OPENING AT BASE $1 \frac{3}{16}$ " 31mm
 INTERNAL WIDTH OF OPENING AT TOP $1 \frac{1}{8}$ " 29mm
 INTERNAL HEIGHT AT CENTRE OF OPENING $1 \frac{3}{8}$ " 35mm
 GIVES LIFT OF $1 \frac{3}{8}$ " 35mm
 TOTAL HEIGHT $2 \frac{15}{16}$ " 75mm
 WHEEL DIA. $1 \frac{1}{4}$ " 32mm

C145

INTERNAL WIDTH OF OPENING IS $1 \frac{1}{4}$ " 32mm SQUARE
 GIVES LIFT OF $2 \frac{3}{16}$ " 56mm
 TOTAL HEIGHT $3 \frac{1}{2}$ " 89mm
 WHEEL DIA. $1 \frac{7}{16}$ " 37mm

C146

INTERNAL WIDTH OF OPENING IS $1 \frac{3}{8}$ " 35mm SQUARE
 GIVES LIFT OF $1 \frac{11}{16}$ " 43mm
 TOTAL HEIGHT $3 \frac{5}{16}$ " 84mm
 WHEEL DIA. $1 \frac{1}{2}$ " 38mm



A152



INTERNAL DIA. AT TOP 3/4" 19mm
EXTERNAL DIA. AT TOP 15/16" 24mm
TOTAL HEIGHT 1 3/8" 35mm
WHEEL DIA. 11/16" 17mm

C147



INTERNAL DIA. AT TOP 7/8" 22mm
EXTERNAL DIA. AT TOP 1 1/16" 27mm
TOTAL HEIGHT 2" 51mm
WHEEL DIA. 15/16" 24mm

C148



INTERNAL DIA. AT TOP 1" 26mm
EXTERNAL DIA. AT TOP 1 3/16" 30mm
TOTAL HEIGHT 2 1/8" 54mm
WHEEL DIA. 1" 25mm

C149



INTERNAL DIA. AT TOP 1 1/16" 27mm
EXTERNAL DIA. AT TOP 1 1/8" 29mm
TOTAL HEIGHT 2 5/16" 59mm
WHEEL DIA. 1 1/16" 27mm

INTERNAL DIA. AT TOP 1 1/8" 29mm
EXTERNAL DIA. AT TOP 1 5/16" 34mm
TOTAL HEIGHT 2 5/16" 59mm
WHEEL DIA. 1 1/8" 29mm



C150

INTERNAL DIA. AT TOP 1 1/4" 32mm
EXTERNAL DIA. AT TOP 1 1/2" 38mm
TOTAL HEIGHT 2 9/16" 65mm
WHEEL DIA. 1 1/4" 31mm



A150

INTERNAL DIA. AT TOP 1 7/16" 37mm
EXTERNAL DIA. AT TOP 1 3/4" 44mm
TOTAL HEIGHT 3 1/16" 78mm
WHEEL DIA. 1 7/16" 37mm



C151

C152



INTERNAL DIA. AT TOP 1 1/16" 27mm
EXTERNAL DIA. AT TOP 1 9/16" 40mm
TOTAL HEIGHT 2 13/16" 72mm
WHEEL DIA. 1 3/16" 30mm

C153

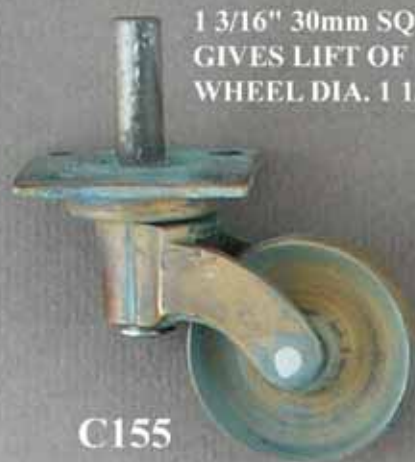


INTERNAL DIA. AT TOP 1 3/8" 36mm
EXTERNAL DIA. AT TOP 1 7/8" 48mm
TOTAL HEIGHT 3 5/16" 85mm
WHEEL DIA. 1 1/2" 37mm

C154



INTERNAL DIA. AT TOP 1 11/16" 43mm
EXTERNAL DIA. AT TOP 2 5/16" 59mm
TOTAL HEIGHT 4 1/4" 108mm
WHEEL DIA. 2 3/8" 61mm



1 3/16" 30mm SQUARE PLATE
GIVES LIFT OF 1 1/2" 38mm
WHEEL DIA. 1 1/8" 29mm

C155



1 3/8" 35mm SQUARE PLATE
GIVES LIFT OF 1 7/8" 48mm
WHEEL DIA. 1 3/16" 30mm

C156



TO FIT LEG DIA. OF 1 1/8" 29mm
GIVES LIFT OF 1 3/4" 44mm
WHEEL DIA. 1 5/16" 34mm

COLLAR OPTIONAL
(WILL FIT LEG DIAMETER OF 1 1/8" 29mm)

B28



A149

1" 25mm ROUND PLATE
GIVES LIFT OF 7/8" 22mm
WHEEL DIA. 9/16" 15mm



C157

1" 25mm ROUND PLATE
GIVES LIFT OF 1" 25mm
WHEEL DIA. approx. 11/16" 17mm
LEATHER WHEEL



B29

1 3/8" 35mm ROUND PLATE
GIVES LIFT OF 1" 25mm
WHEEL DIA. approx. 13/16" 21mm
LEATHER WHEEL

C158



INTERNAL AT TOP 5/8" 16mm SQUARE
EXTERNAL AT TOP 3/4" 19mm
TOTAL HEIGHT 2 1/8" 54mm
WHEEL DIA. 5/8" 16mm

C159



INTERNAL AT TOP 7/8" 22mm SQUARE
EXTERNAL AT TOP 15/16" 24mm
TOTAL HEIGHT 2" 51mm
WHEEL DIA. 13/16" 20mm

C160



INTERNAL AT TOP 11/16" 17mm SQUARE
EXTERNAL AT TOP 7/8" 22mm
TOTAL HEIGHT 1 5/8" 41mm
WHEEL DIA. 9/16" 14mm

C161



INTERNAL AT TOP 3/4" 19mm SQUARE
EXTERNAL AT TOP 1 1/16" 27mm
TOTAL HEIGHT 2 1/4" 57mm
WHEEL DIA. 11/16" 17mm

A151



INTERNAL AT TOP 1" 25mm SQUARE
EXTERNAL AT TOP 1 1/4" 32mm
TOTAL HEIGHT 2 1/4" 57mm
WHEEL DIA. 1 1/16" 27mm

C162

INTERNAL AT TOP 1 1/8" 28mm SQUARE
EXTERNAL AT TOP 1 3/8" 35mm
TOTAL HEIGHT 3 1/16" 78mm
WHEEL DIA. 1 7/16" 36mm



C163

INTERNAL AT TOP 1 5/16" 33mm SQUARE
EXTERNAL AT TOP 1 9/16" 40mm
TOTAL HEIGHT 3 5/8" 92mm
WHEEL DIA. 1 5/8" 42mm



B27

INTERNAL AT TOP 1 1/16" 27mm SQUARE
EXTERNAL AT TOP 1 3/16" 30mm x 1 1/4" 32mm
TOTAL HEIGHT 2 11/16" 69mm
WHEEL DIA. 1 1/4" 32mm





Height
2 1/16"
53mm
Width
3/4"
19mm

A154

Height
3 3/8"
86mm
Width
1"
25mm



A155

NO PIN HOLES

Height
4 3/8"
111mm
Width
1"
25mm



A156

Height
4"
101mm

Width
1 1/16"
27mm



A153



Height
4 7/16"
113mm
Width
1 5/16"
33mm

C164

Height
3 11/16"
94mm
Width
15/16"
24mm



A31

Height
2 1/8"
54mm
Width
3/4"
19mm



A202



C165

Height (inc. block)
 2 1/16"
 52mm

Handle Width
 2 15/16"
 74mm

Block
 1 7/16"
 36mm
 long

7/16"
 11mm
 square

THREADS AND NUTS CAN BE FITTED
 TO YOUR REQUIREMENTS



B35

Max. Width
 1 5/16"
 34mm

Height
 7/8"
 23mm



B78

Total height including finials
 1 1/2"
 39mm

Depth of return
 1 1/16"
 17mm

Flap Height
 13/16"
 20mm

Flap Width
 1 1/16"
 17mm

Length of face
 2 15/16"
 74mm



C166

Total height including finials
 1 5/8"
 42mm

Depth of return
 15/16"
 24mm

Flap Height
 13/16"
 21mm

Flap Width
 1 3/16"
 30mm

Length of face
 3 7/16"
 88mm

Height
5/8"
16mm

1 3/16"
30mm
square

5/8"
16mm
Internal dia.



B33

C167



Height
11/16"
17mm

1 7/16"
37mm
square

7/8"
22mm
Internal dia.

Height
1/2"
12mm

1 5/16"
34mm
square

13/16"
20mm
Internal dia.

B34



C168



Height
11/16"
18mm

1 9/16"
40mm
square

15/16"
24mm
Internal dia.

Height
1 5/16"
34mm

Left edge at base
(as pictured)
1 5/16"
34mm

Right edge at base
(as pictured)
1 7/16"
37mm



C169

Height
3/4"
19mm

Edges at base
13/16"
20mm



C170

Height
1 9/16"
40mm

Left edge at base
(as pictured)
1 7/16"
37mm

Right edge at base
(as pictured)
1 5/16"
34mm



C171

Height
1 9/16"
40mm

13/16"
21mm
Internal dia. at base



B32



B56

Height (excl. screw)
 1 3/8"
 35mm

 1/2"
 12mm
 dia.



B55

Height (excl. stub)
 1 1/8"
 28mm

 3/4"
 19mm
 dia.



C172

Height (excl. screw)
 1 9/16"
 40mm

 Max. width
 15/16"
 24mm



C173

Height (excl. screw)
 2 5/16"
 59mm

 Max. width
 13/16"
 20mm



C174

Height (excl. screw)
 2 5/8"
 67mm

 Max. width
 1 1/8"
 28mm



C175

Height (excl. stub)
 4 1/4"
 108mm

 Width across
 centre
 1 15/16"
 49mm



C176

Height (excl. screw)
 3 3/4"
 96mm

 Width across
 centre
 1 15/16"
 50mm



2 1/4"
57mm
dia.

B50



1 13/16"
45mm
dia.

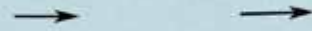
B51

WITH PIN HOLES



1 7/8"
47mm
dia.

C177



2 1/8"
54mm
dia.

C178



1 11/16"
43mm
dia.

A276



3/4"
20mm
dia.

A275



11/16"
18mm
dia.

A274



1 1/4"
32mm
dia.

B53

THESE ARE
FIXED WITH
CENTRAL SPIKE



3 7/8"
98mm
dia.

B52



A272

1 1/2"
38mm
dia.



A273

1"
26mm
dia.



2 13/16"
72mm
dia.

B47



1 1/2"
38mm
dia.

B54

THESE ARE FIXED WITH
CENTRAL SPIKE



C179



1 3/4"
45mm
dia.

SIDE VIEW



C180

1 1/2"
38mm
dia.



A277

7/8"
22mm
dia.



Height
2 5/8"
66mm

Width
1 1/4"
31mm

A269

HAS PIN HOLES



Height
3 1/8"
79mm

Width
1 1/8"
29mm

C181

HAS PIN HOLES



Height
3 1/4"
82mm

Width
1 1/8"
29mm

A270

CURVED
HAS TWO SPIKES



Height
3 7/16"
88mm

Width
1 5/8"
41mm

A268

HAS PIN HOLES

Left side (as pictured)

Vertical height
3 3/4"
95mm

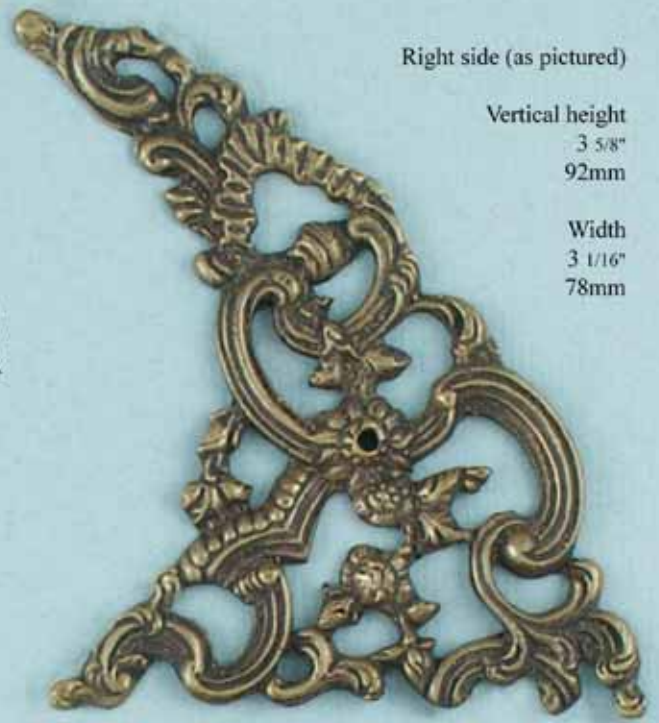
Width
3 3/16"
81mm



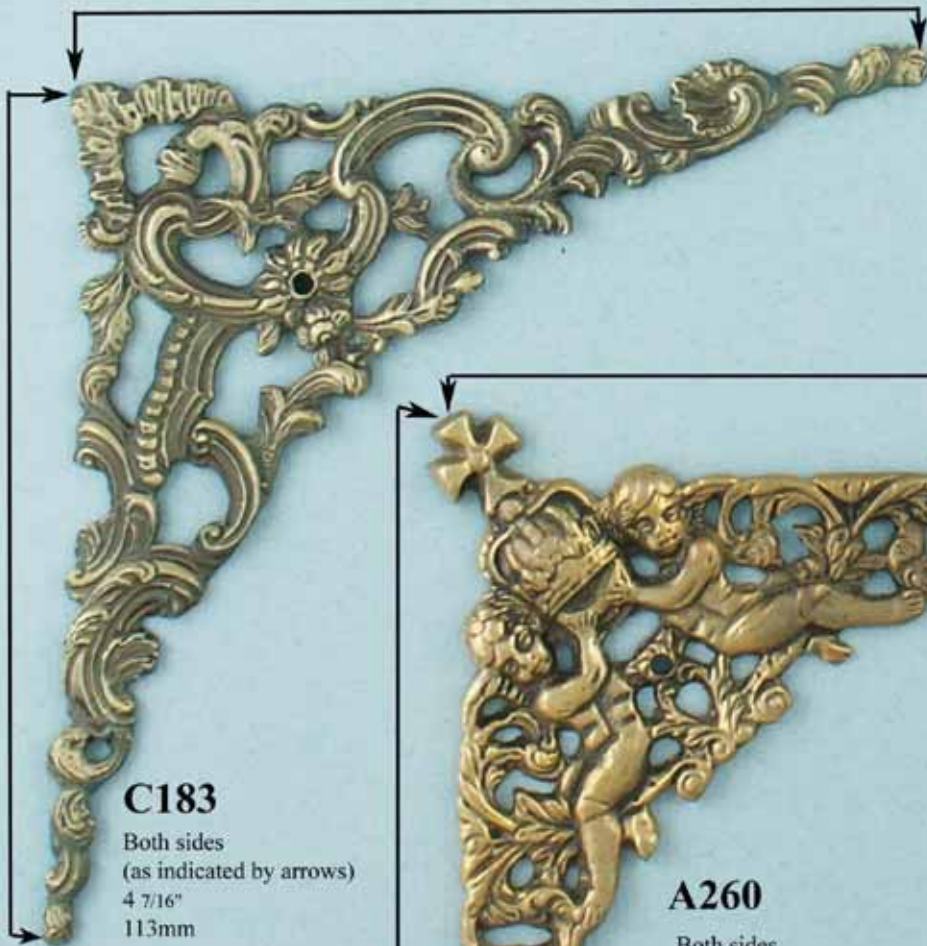
Right side (as pictured)

Vertical height
3 5/8"
92mm

Width
3 1/16"
78mm



C182
A PAIR

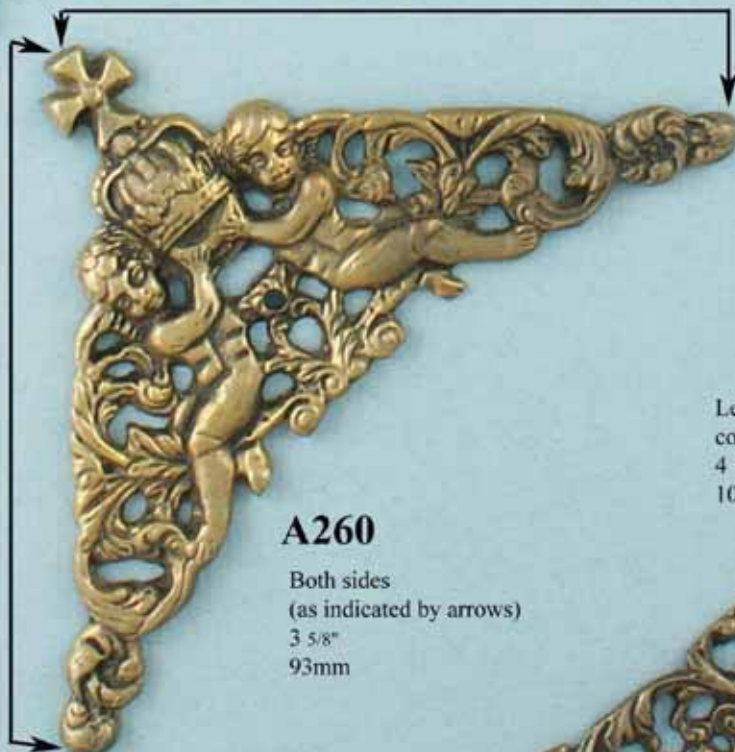


C183
Both sides
(as indicated by arrows)
4 7/16"
113mm

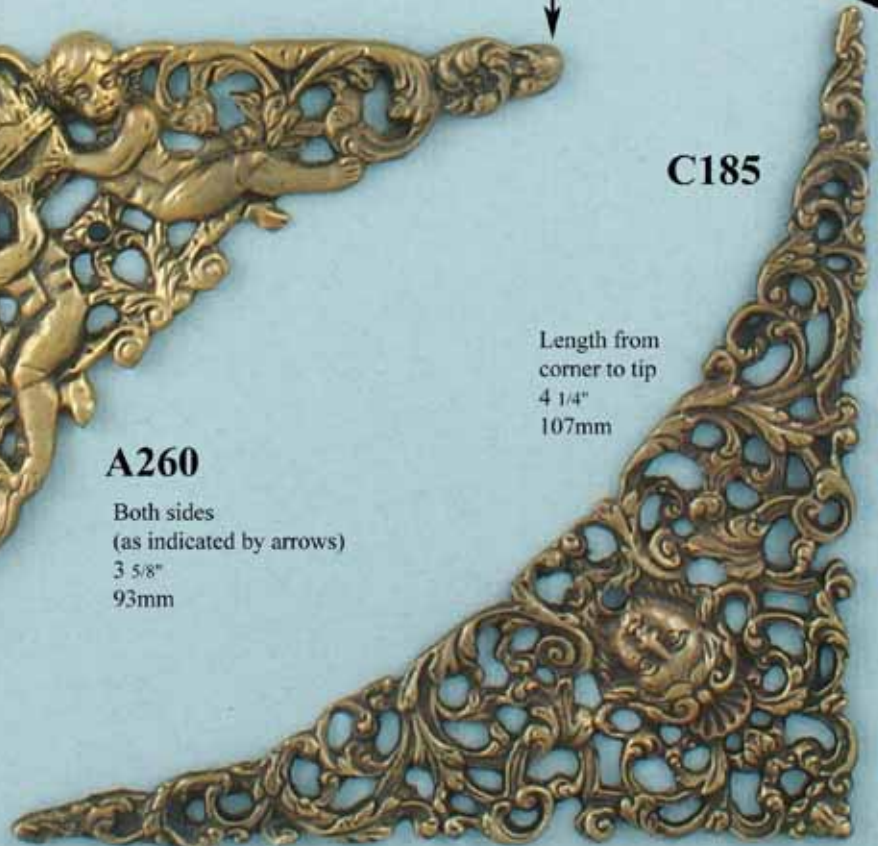


Tip to tip
3 1/2"
89mm

C184



A260
Both sides
(as indicated by arrows)
3 5/8"
93mm



C185

Length from
corner to tip
4 1/4"
107mm



B46
HAS PIN HOLES

Height
2 1/16"
52mm
Width
6 7/8"
176mm



A271
HAS TWO SPIKES

Height
13/16"
21mm
Width
6 1/16"
154mm



Height
5 1/8"
131mm
Width
2 3/8"
61mm

B48

BOTH FIXED WITH
TWO SPIKES



Height
5 1/16"
129mm
Width
2 1/4"
57mm

B49



Height
2 3/8"
60mm

Width
2 15/16"
75mm

Internal
Dimension
1 3/8"
35mm

C186



HALF CAPITAL

OPTIONAL CAPPING PIECE



Capital Height
(including short
protrusion that
locates cap)
1 3/4"
45mm

Capital Width
at bottom
2 1/16"
53mm

Capital Width
at top
2 11/16"
67mm

C188

Capping
piece
height
1/4"
6mm

Capping
piece
width
3"
77mm

Internal dia.
1 7/8"
48mm

FULL CAPITAL

C187

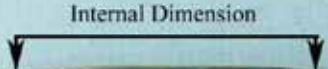
Height
1 1/16"
27mm

Width
2 7/16"
62mm

Internal
Dimension
1 3/4"
44mm



BASE OF C186



BASE OF C188

C189

Height
1 1/16"
27mm

Width
2 13/16"
72mm

Internal
dia.
2"
51mm

HAS INTEGRAL CAPPING PIECE

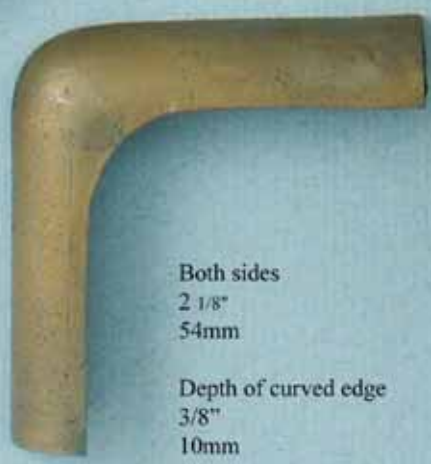
C190

Both sides
1 5/16"
33mm

Depth of edge
3/8"
10mm



C191



Both sides
2 1/8"
54mm

Depth of curved edge
3/8"
10mm



FULL CAPITAL

A267

Height
1 1/2"
38mm

Top
square
2 1/2"
64mm

Internal
dia.
1 13/16"
46mm

The lengths of our mouldings are approximately as shown (limited in size due to casting methods, equipment and length in mould). **We don't braze lengths together** for you but if you tell us the dimensions that you need, we will work out the most economical quantities for you. For most purposes brazing, with its adverse effects on colour and patination, can be avoided by carefully butting together the ends of the mouldings.

**A285**

Width
3/8"
10mm

Length
approx.
5 1/4"
133mm

**A284**

Width
3/8"
9mm

Length
approx.
4 1/4"
108mm

**A283**

Width
3/16"
5mm

Length
approx.
6"
153mm

**C192**

Each
ball dia.
3/16"
4mm

Length
approx.
5 3/4"
147mm

**C193**

Each ball dia.
1/8"
3mm
and not fully round -
flattened on the back

Length approx.
3 7/8"
99mm

C194



Width
3/4"
20mm

Length
approx.
8 1/8"
205mm

C195



Width
1/2"
13mm

Length
approx.
7 3/8"
188mm

C196



Width
3/8"
10mm

Length
approx.
9 5/16"
237mm

A279



Width
5/16"
9mm

Length
approx.
6 1/2"
167mm

A278



Width
1/4"
7mm

Length
approx.
6 3/8"
163mm

C197



Width
3/16"
5mm

Length
approx.
7 1/4"
184mm

A280



Width
1/4"
7mm

Length
approx.
6 1/2"
167mm

Lengths shown are approximate only.
 Please let us know the dimensions you require and
 we will work out the most economical quantities for
 you. The corner for A282 is not illustrated and varies
 in size. **We don't braze lengths together for you.**



A282

Width
 1 5/16"
 33mm
 Length
 approx.
 8"
 203mm

**A282 CORNER PIECE
 ALSO AVAILABLE**



A282 nose

Width
 1 5/16"
 33mm
 Variable
 lengths,
 see note
 above



A281

Width
 15/16"
 24mm
 Length
 approx.
 7"
 183mm

Height (excl. screw eye)
2"
51mm

Width
1 1/2"
38mm



B80

Height (excl. screw eye)
1 15/16"
50mm

Width
1 7/16"
37mm



C198

1 9/16"
40mm
dia. (excl. screw eye)



C199

1 3/4"
45mm
dia. (excl. screw eye)



C200



B81

1 9/16"
40mm
dia. (excl. screw eye)



C201

1 1/2"
38mm
dia. (excl. screw eye)

Height
1 3/8"
35mm

Width
1 5/8"
41mm



B87

C202



Overall height
1"
25mm

Width
3/8"
9mm

WRITING BOX TAB



9 pins
with
heads
approx.
1/8"
3mm

6 pins
with
heads
approx.
3/16"
5mm

A265

ESCUTCHEON PINS



C203

MUSIC HOLDING STAY

Length of stay bar
2 1/16"
52mm

Height
2 1/16"
52mm

Width
1 5/8"
42mm



C204

Height
2 3/4"
70mm

Width
1 1/16"
27mm



B84

SHELF SUPPORTS

Total length
1 1/4"
32mm

Lug dia.
1/4"
7mm



B88

C205

Length (excl. screw)
1 9/16"
39mm



Total length
1 1/4"
31mm

Lug dia.
5/16"
8mm



B89

Length (excl. screw)
13/16"
21mm

B86



Length (excl. screw)
1"
25mm

B85



Total length
1 1/4"
31mm

Lug dia.
3/8"
9mm



C206

Length (excl. screw)
1 3/16"
31mm

A263



Length (excl. screw)
1 7/16"
36mm

A262



Length
(excluding
stub)
1 1/2"
38mm

Width
1 7/16"
35mm



B82

WE CAN
BRAZE THESE
TO EXISTING KEYS



C207

Overall length
2 1/16"
53mm

Length
(excluding
stub)
1 13/16"
46mm

Width
1 3/16"
30mm



B83



C208

Overall length
2 1/16"
53mm

Backplate dia.
2 1/16"
52mm

Knob dia.
2"
51mm

Projection
1 7/8"
48mm



HOUSE DOOR
KNOB SUPPLIED
WITH GRUB
SCREW BUT
NOT SPINDLE



Height
2 3/8"
60mm

Max.
width
1 1/16"
27mm

Keyhole
height
1 1/16"
27mm

C210



C209

Backplate length
2 1/8"
54mm

Backplate
Width
5/8"
16mm

Turn length
1 7/16"
36mm

Turn depth
1 1/8"
29mm



B38

Backplate length
2 1/8"
54mm

Backplate width
5/8"
16mm

Turn length
1 7/16"
36mm



B37

Drop length from centre
3 1/4"
83mm

REVERSIBLE



B36
PLATE
CAN BE
USED
FOR B37
AND B38

Height
2 13/16"
72mm

Width
3/4"
19mm

Width
2 1/8"
54mm

Drop
from
axle
1 7/8"
48mm



A261

BOTH BOX-LOCK
HANDLES ARE FITTED
WITH REMOVABLE PIVOT
SCREWS WHICH ALSO RETAIN
THE SHAPED ENDS OF
THE SPINDLES
(NOT SUPPLIED)

Width
2 1/2"
64mm

Drop
from
axle
2 1/16"
53mm



C211

A selection of keys in **white bronze**
 C212 - C215 are cabinet keys, C216 is a house door key



C218



Overall width
4 3/16"
107mm

Height
1 11/16"
40mm

C219



Overall width
4 1/8"
105mm

Height
1 3/8"
35mm

C220



Overall width
4 3/16"
107mm

Height
1 3/8"
35mm

C221



Overall width
3 3/4"
95mm

Height
1 1/2"
38mm

C222



Overall width
5 5/16"
135mm

Height of backplate
1 3/4"
44mm

Width of backplate
1 3/16"
30mm



C20 with modern steel thread

see page 13 for dimensions



A54 with modern steel thread

see page 12 for dimensions



A55 with modern steel thread (C19, close in size to A55, is also available with modern steel thread)

see page 12 for dimensions



C96 with modern steel thread

see page 62 for dimensions



C93 with modern steel thread

see page 60 for dimensions



X328C

A turned head post with a modern steel thread. Suitable to use with a number of our swan-necked handles.



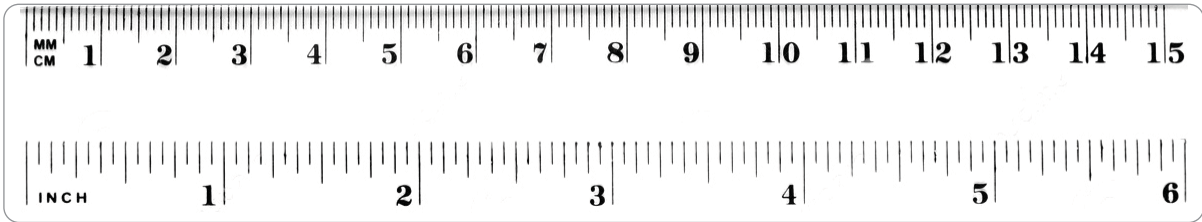
C100 with modern steel thread

see page 63 for dimensions

This page shows a selection of our fittings that are now available with modern steel threads and nuts. Easy for installing if required for kitchens, studies or other interior design applications.

CENTRE TO CENTRE INDEX

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Tel: + 44 (0) 1398 331515

Fax: + 44 (0) 1398 331164

email: info@optimumbrasses.co.uk

web: www.optimumbrasses.co.uk
