

standards

The new EU regulations concerning hinges state that any hinge that is fitted to a fire escape door, or a fire-resisting door, must have been tested to BS EN1935 and covered by a third party certification scheme. Products bearing the CE mark are recognised as having been tested to BS EN1935 and have passed all of the necessary test criteria. BS EN1935 classification applies when three hinges are fitted (if two hinges are used, the weight of the door being used should be decreased by one third). If a non-backcheck door closer is to be fitted, 20% must be added to the effective door weight. The weight should be assumed to be double when a backcheck door closer is to be fitted. When specifying hinges care must be taken to ensure that the material, pin and washer are suitable for the environment in which they are to be fitted. Prosecution of those involved in the incorrect specification of hinges could occur if the correct hinges are not used on fire escape and fire-resisting doors. To ensure that the correct hinge is used in such instances, always look for the CE mark and the 8 digit classification number that should be printed on the hinge boxes.

CE Marking of Hinges BS EN1935 2002

Hinge Grade	Door Mass	No. Test Cycles
1	10kg	10000
2	20kg	10000
3	20kg	25000
4	20kg	200000
5	40kg	10000
6	40kg	25000
7	40kg	200000
8	60kg	10000
9	60kg	25000
10	60kg	200000
11	80kg	200000
12	100kg	200000
13	120kg	200000
14	160kg	200000

sizes and finishes

Measurements given against products in this section refer to hinge height x hinge width (open) x material thickness
 Parliament hinge dimensions refer to hinge height x 'between the legs' (open) measurement x hinge width (open)
 Stainless Steel items are Satin finished unless the code is suffixed with 'PSS' for Polished finishes
 Where a variety of finishes are available the item codes are to be suffixed with the finish abbreviation

DSW	Double Steel Washered	SC	Self Colour
DSSW	Double Stainless Steel Washered	BZP	Bright Zinc
DPBW	Double Phosphor Bronze Washered	EB	Electro Brassed
H D	Heavy Duty	PSS	Polished Stainless Steel
BB	Ball Bearing		

- Grade 13 Hinge (BS EN1935)
- Grade 12 Hinge (BS EN1935)
- Grade 11 Hinge (BS EN1935)
- Grade 7 Hinge (BS EN1935)

522/523



stainless steel 2 ball bearing butt

522 - grade 304 stainless steel
 523 - grade 316 stainless steel
 1 hour fire tested
 stainless steel pin
 c/w screws



- 4" x 3" x 3mm
- 4" x 3" x 3mm
- 4" x 3" x 3mm
- 4" x 3" x 3mm
- 4" x 3" x 3mm

522/1	11.08
522/2PSS	13.43
523/1	5.77
523/2PSS	6.77
523/5BZP	5.77

525



stainless steel 2 ball bearing butt

brass plated
 grade 304 Stainless steel
 1 hour fire tested
 stainless steel pin
 c/w screws



- 4" x 3" x 3mm
- 4" x 3" x 3mm

525/1 (radiussed)	9.66
525/2	10.12

526



stainless steel 2 ball bearing security butt

Grade 304 stainless steel
 1 hour fire tested
 steel pin
 c/w screws



- 4" x 3" x 3mm
- 4" x 3" x 3mm

526/1	8.77
526/2PSS	10.12

528



stainless steel 2 ball bearing butt

grade 304 stainless steel
 1 hour fire tested
 steel pin
 c/w screws



- 4" x 3" x 3mm
- 4" x 3" x 3mm

528/1 (radiussed)	6.50
528/2PSS (radiussed)	7.97

510



DSSW polished brass butt

2 year guarantee
 stainless steel pin
 c/w screws



- 3" x 2" x 3mm
- 4" x 2 5/8" x 3mm
- 4" x 3" x 4mm

510/1	2.42
510/2	4.70
510/3	6.35

500



self colour butt

solid drawn brass
1 year guarantee
brass pin

1" x 5/8"	500/1	0.33
1 1/2" x 7/8"	500/2	0.40
2" x 1 1/8"	500/3	0.50
2 1/2" x 1 3/8"	500/4	0.73
3" x 1 5/8"	500/5	0.98
4" x 2 3/8"	500/6	1.82
4" x 2 5/8"	500/3	3.10
4" x 3"	500/4	3.75
5" x 3"	500/5	5.31
6" x 3"	500/6	6.77

501



HD self colour butt

solid drawn brass
1 year guarantee
brass pin

3" x 1 5/8"	501/1	2.00
4" x 2 5/8"	501/2	3.27

502



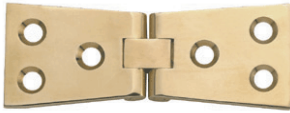
polished brass butt

solid drawn brass
1 year guarantee
brass pin
c/w screws



1" x 3/4"	502/1	0.67
1 1/2" x 7/8"	502/2	0.73
2" x 1 1/8"	502/3	0.83
2 1/2" x 1 3/8"	502/4	1.00
3" x 1 5/8"	502/5	1.37
3" x 2"	502/6	2.09
4" x 2 5/8"	502/3	2.83

503



polished brass counter flap hinge

solid drawn brass
1 year guarantee
brass pin
c/w screws



1 1/4" x 4"	503	3.64
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504



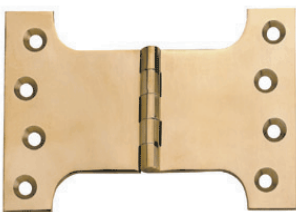
brass storm proof butt

self colour
solid drawn brass
1 year guarantee
brass pin
c/w screws



2 1/2"	504	3.00
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505



parliament hinge

polished brass
solid drawn brass
1 year guarantee
brass pin
c/w screws



4" x 2" x 3"	505/1	8.86
4" x 3" x 5"	505/2	10.46
4" x 4" x 6"	505/3	12.25

506



DSW self colour butt

1 year guarantee
brass pin

3" x 2"	506/1	1.33
4" x 2 5/8"	506/2	2.13
4" x 3"	506/3	3.64
5" x 3"	506/4	7.77

507



DSW polished brass butt

1 year guarantee
brass pin

3" x 2"
4" x 2 5/8"
4" x 3"
5" x 3"

507/1
507/2
507/3
507/4

1.80
3.40
3.80
5.53

508



DPBW polished brass butt

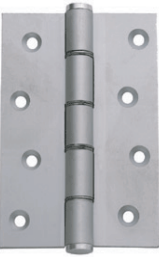
1 year guarantee
brass pin

3" x 2"
4" x 2 5/8"
4" x 4"
6" x 4"

508/1
508/2
508/3
508/4
508/5

2.49
4.57
4.28
10.83
13.73

509



DSSW aluminium butt

1 year guarantee
stainless steel pin
c/w screws



3" x 2" x 3mm
4" x 2 5/8" x 3mm

509/1
509/2

4.67
6.79

511



HD DPBW polished brass butt

2 year guarantee
brass pin
c/w screws



3" x 2" x 3mm
4" x 2 5/8" x 3.5mm
4" x 3" x 4mm

511/1
511/2
511/3

2.69
5.00
6.11

512



4 ball bearing butt

polished brass
3 year guarantee
1 hour fire tested
c/w screws



4" x 3" x 3mm
4" x 4" x 3mm
4" x 3" x 3mm

512/1PB
512/2PB
512/3SS

7.17
10.99
8.55

513



stainless steel plain butt

grade 304 stainless steel
2 year guarantee
1 hour fire tested
steel pin
c/w screws

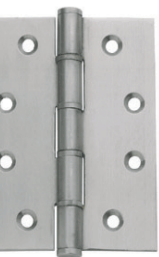


3" x 2" x 1.5mm
4" x 3" x 2mm
4" x 3" x 2mm

513/1
513/2
513/3PSS

4.11
3.93
6.10

514



stainless steel washered butt

grade 304 stainless steel
1 year guarantee
1 hour fire tested
steel pin
c/w screws



4" x 3" x 2mm
4" x 3" x 2mm

514
514PSS

4.15
5.03

515



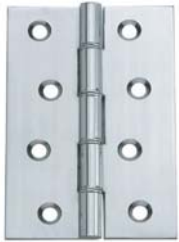
stainless steel 2 ball bearing butt

grade 304 stainless steel
10 year guarantee
1 hour fire tested
stainless steel pin
c/w screws



7	3" x 2" x 2.5mm	515/4	4.00
7	3" x 2" x 2.5mm	515/4PSS	4.20
	4" x 3" x 2.5mm	515/1	4.88
	4" x 3" x 2.5mm	515/1PSS	5.35
10	4" x 3" x 3mm	515/2	5.77
10	4" x 3" x 3mm	515/3PSS	6.35
	4" x 4" x 3mm	515/5	8.53

516



chrome plated butt

chrome plated brass
2 year guarantee
c/w screws



plain	38 x 30mm	539-1	1.40
plain	50 x 30mm	539-2	1.90
plain	60 x 34mm	539-3	2.45
plain	75 x 41mm	539-4	3.45
plain	100 x 60mm	539-5	6.00
DSW	3" x 2" x 3mm	516/1	4.28
DSW	4" x 2 5/8" x 3mm	516/2	7.35

517

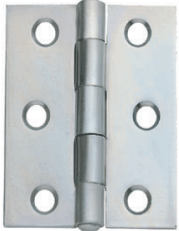


light butt (1838 pattern)

1 year guarantee
steel pin

1 1/2"	517-4SC	0.25
2"	517-5SC	0.25
2 1/2"	517-6SC	0.25
3" x 2 3/4"	517/1SC	0.40
4" x 2 5/8"	517/2SC	0.77
3" x 2 3/4"	517/1BZP	0.72
4" x 2 5/8"	517/2BZP	1.38
3" x 2 3/4"	517/1EB	0.72
4" x 2 5/8"	517/2EB	1.50

518



strong butt (451 pattern)

1 year guarantee
steel pin

3" x 2"	518/1SC	1.32
4" x 2 5/8"	518/2SC	1.65
3" x 2"	518/1BZP	2.50
4" x 2 5/8"	518/2BZP	2.37
3" x 2"	518/1EB	2.20
4" x 2 5/8"	518/2EB	3.36

519

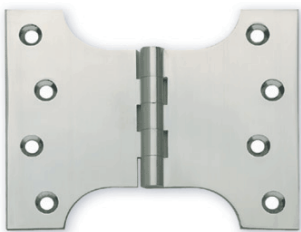


rising butt (466 pattern)

1 year guarantee
steel pin
handed

3" x 2 3/4"	519/1SC	2.23
4" x 2 3/4"	519/2SC	2.23
3" x 2 3/4"	519/1BZP	4.00
4" x 2 3/4"	519/2BZP	4.00
3" x 2 3/4"	519/1EB	3.50
4" x 2 3/4"	519/2EB	3.50

520

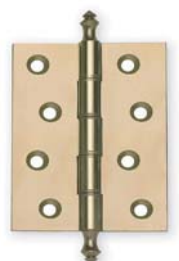


chrome parliament hinge

chrome plated brass
solid drawn brass
stainless steel pin

4" x 2" x 4"	520/1	11.17
4" x 3" x 5"	520/2	13.68
4" x 4" x 6"	520/3	19.43

521



DPBW finial hinge

polished brass
brass pin

3" x 2" x 3mm	521/1	4.13
4" x 2 5/8" x 3mm	521/2	6.77
4" x 3" x 4mm	521/3	9.00

529



journal support hinge

grade 304 stainless steel
1 hour fire tested
handed

4" x 3 1/2" x 3mm 529/1RH
4" x 3 1/2" x 3mm 529/2LH

8.70
8.70

530



flag hinge

grade 304 stainless steel

4" x 2" x 3mm 530/1
5" x 2" x 3mm 530/2

19.54
23.09

531



narrow butt (1840 pattern)

plated steel
loose pin

3" x 2" 531/1BZP
4" x 1 1/2" 531/2BZP
3" x 2" 531/1EB
4" x 1 1/2" 531/2EB

0.77
1.50
0.83
1.65

532



cranked backflap hinge (400 pattern)

self colour steel

25 x 75 x 1.6mm 532/1SC
32 x 81 x 1.6mm 532/2SC
50 x 106 x 1.8mm 532/3SC

0.50
0.67
1.43

533



flush hinge (105 pattern)

plated steel

40 x 16mm x 1mm 533/1BZP 0.17
50 x 18mm x 1.2mm 533/2BZP 0.17
60 x 20mm x 1.2mm 533/B3ZP 0.28
75 x 25mm x 1.6mm 533/B4ZP 0.61
40 x 16mm x 1mm 533/1EB 0.17
50 x 18mm x 1.2mm 533/2EB 0.17
60 x 20mm x 1.2mm 533/3EB 0.28
75 x 25mm x 1.6mm 533/4EB 0.61
with finials 50 x 18mm x 1.2mm 538/1EB 1.00
with finials 50 x 18mm x 1.2mm 538/1FB 1.00

534



storm proof hinge (1951 pattern)

galvanised steel

63mm 534

0.77

535/536



spring hinges

535 - single action
536 - double action

3" single 535/3 9.77
4" single 535/4 11.90
5" single 535/5 16.53
6" single 535/6 22.07
3" double 536/3 12.60
4" double 536/4 16.70
5" double 536/5 23.67
6" double 536/6 31.03
7" double 536/6 44.40

5218



invisible hinges

stainless steel
hardened steel rollers
1 hour fire tested

4 5/8" x 1 1/8" 5218

56.00