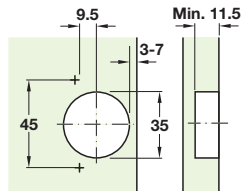


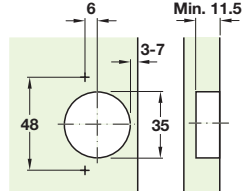
A Concealed hinges 110°

- Opening angle 110°
- Automatic closing spring
- Screw fixing
- Slide on arms
- Nickel-plated steel

Drilling dimensions for cup fixing
Drilling pattern 45/9.5



Drilling dimensions for cup fixing
Drilling pattern 48/6



Full overlay mounting

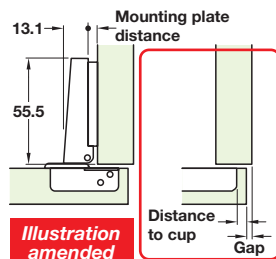


Illustration amended

Door overlay mm

12	13	14	15	16	17	18	19	20	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Item & text added

Straight hinge arm

45/9.5 48/6

Nickel plated

311.90.520 311.90.500

Order qty: Multiples of 50 pcs

Half overlay/twin mounting

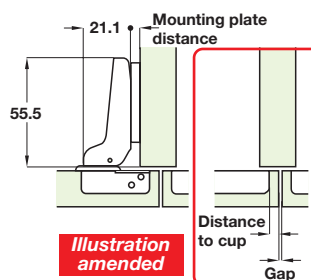


Illustration amended

Door overlay mm

4	5	6	7	8	9	10	11	12	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Cranked hinge arm, 8 mm crank

Cat. No.

Nickel-plated

311.90.501

Order qty: Multiples of 50 pcs

Inset mounting

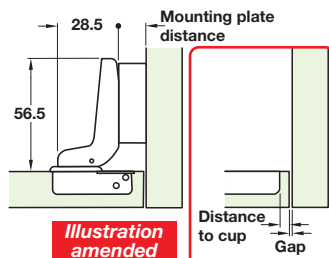


Illustration amended

Door overlay mm

3	2	1	0	-1	-2	-3	-4	-5	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Cranked arm, 17 mm crank

45/9.5 48/6

Nickel-plated

311.90.522 311.90.502

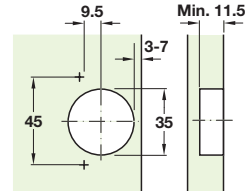
Order qty: Multiples of 50 pcs

Item added

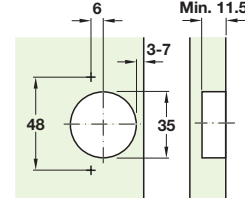
D Concealed hinges 170°

- Opening angle 170°
- Sprung
- Screw fixing
- Slide on arms
- Nickel-plated steel

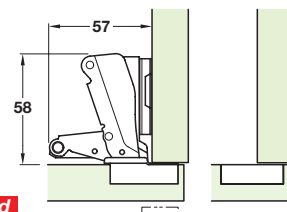
Drilling dimensions for cup fixing
Drilling pattern 45/9.5



Drilling dimensions for cup fixing
Drilling pattern 48/6



Full overlay



Mounting dimensions added

Door overlay mm

12	13	14	15	16	17	18	19	20	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

0 mm crank

45/9.5 48/6

Nickel-plated

311.93.510 311.93.500

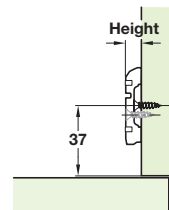
Order qty: Multiples of 50 pcs

Item & text added



E Cruciform mounting plate

- For slide on systems on this page only
- Hospa screw fixing
- Height adjustment ± 2 mm
- Nickel-plated steel



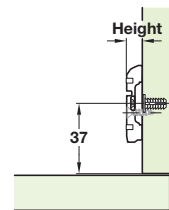
Height	Cat. No.
0 mm	311.98.500
2 mm	311.98.502
4 mm	311.98.504

Order qty: Multiples of 50 pcs



F Cruciform mounting plate

- For slide on systems on this page only
- With pre-mounted Euro screws
- Height adjustment ± 2 mm
- Nickel-plated steel



Height	Cat. No.
0 mm	311.98.510
2 mm	311.98.512
4 mm	311.98.514

Order qty: Multiples of 50 pcs

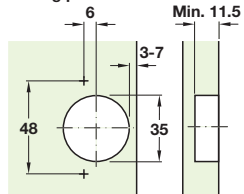
Approved by Product Info. Dept.

01.12.11/4*

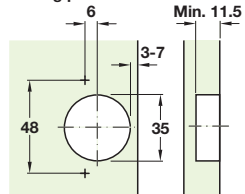
A Concealed hinges 110°

- Opening angle 110°
- Automatic closing spring
- Screw fixing
- Slide on arms
- Nickel-plated steel

Drilling dimensions for cup fixing
Drilling pattern 48/6



Drilling dimensions for cup fixing
Drilling pattern 48/6



Full overlay mounting

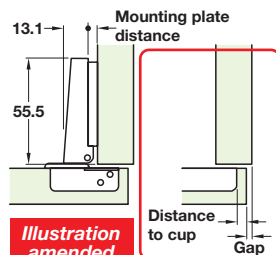


Illustration amended

Door overlay mm

12	13	14	15	16	17	18	19	20	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Item & text added

Straight hinge arm

45/9.5 48/6

Nickel-plated

311.90.520 311.90.500

Order qty: Multiples of 50 pcs

Half overlay/twin mounting

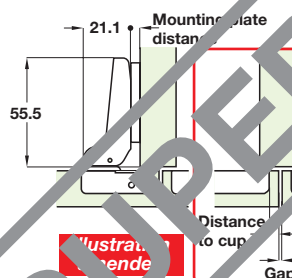


Illustration amended

Door overlay mm

4	5	6	7					11	12	
				3	4	5	6	7		0
		3	4	5	6	7				2
3	4	5	7							4

Distance to cup mm

Mounting plate distance mm

Cranked hinge arm, 8 mm crank

Cat. No.

Nickel-plated

311.90.501

Order qty: Multiples of 50 pcs

Inset mounting

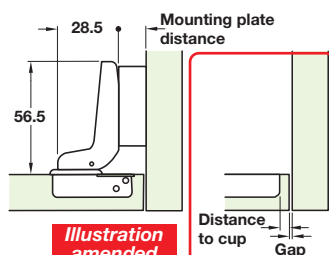


Illustration amended

Door overlay mm

3	2	1	0	-1	-2	-3	-4	-5	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Cranked arm, 17 mm crank

Cat. No.

Nickel-plated

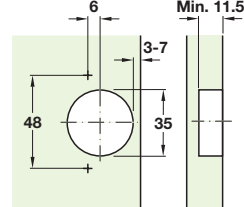
311.90.502

Order qty: Multiples of 50 pcs

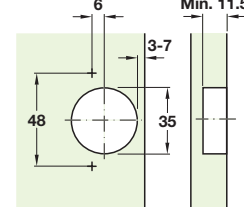
D Concealed hinges 170°

- Opening angle 170°
- Sprung
- Screw fixing
- Slide on arms
- Nickel-plated steel

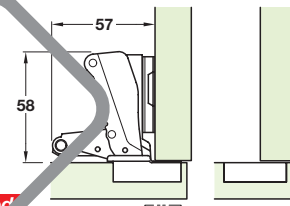
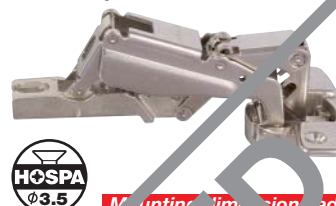
Drilling dimensions for cup fixing
Drilling pattern 48/6



Drilling dimensions for cup fixing
Drilling pattern 48/6



Full overlay



Door overlay mm

12	13	14	15	16	17	18	19	20	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

0 mm crank

45/9.5 48/6

Nickel-plated

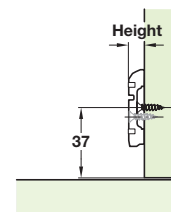
311.93.510 311.93.500

Order qty: Multiples of 50 pcs

Item & text added

E Cruciform mounting plate

- For slide on systems on this page only
- Hospa screw fixing
- Height adjustment ± 2 mm
- Nickel-plated steel

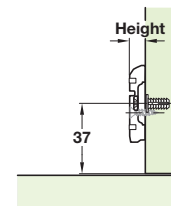


Height	Cat. No.
0 mm	311.98.500
2 mm	311.98.502
4 mm	311.98.504

Order qty: Multiples of 50 pcs

F Cruciform mounting plate

- For slide on systems on this page only
- With pre-mounted Euro screws
- Height adjustment ± 2 mm
- Nickel-plated steel



Height	Cat. No.
0 mm	311.98.510
2 mm	311.98.512
4 mm	311.98.514

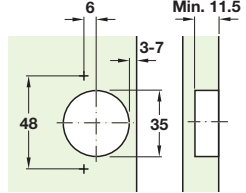
Order qty: Multiples of 50 pcs

Approved by C.P.

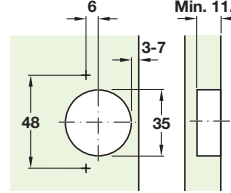
A Concealed hinges 110°

- Opening angle 110°
- Automatic closing spring
- Screw fixing
- Slide on arms
- Nickel-plated steel

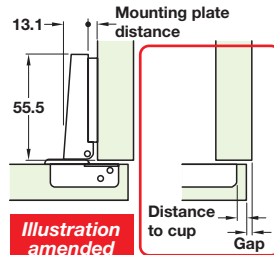
Drilling dimensions for cup fixing
Drilling pattern 48/6



Drilling dimensions for cup fixing
Drilling pattern 48/6



Full overlay mounting



Door overlay mm

12	13	14	15	16	17	18	19	20	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Straight hinge arm

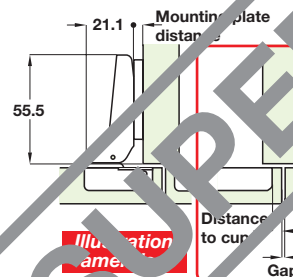
45/9.5 48/6

Nickel-plated

311.90.520 311.90.500

Order qty: Multiples of 50 pcs

Half overlay/twin mounting



Door overlay mm

4	5	6	7	8	9	10	11	12	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Cranked hinge arm, 8 mm crank

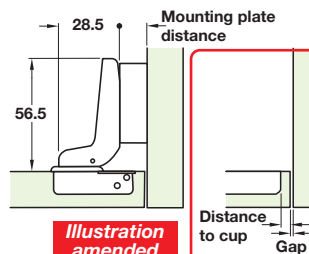
Cat. No.

Nickel-plated

311.90.501

Order qty: Multiples of 50 pcs

Inset mounting



Door overlay mm

3	2	1	0	-1	-2	-3	-4	-5	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Cranked arm, 17 mm crank

Cat. No.

Nickel-plated

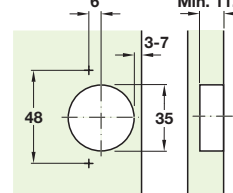
311.90.502

Order qty: Multiples of 50 pcs

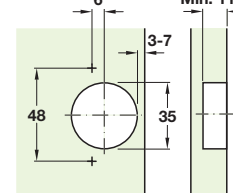
D Concealed hinges 170°

- Opening angle 170°
- Sprung
- Screw fixing
- Slide on arms
- Nickel-plated steel

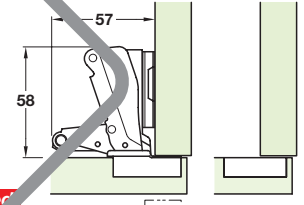
Drilling dimensions for cup fixing
Drilling pattern 48/6



Drilling dimensions for cup fixing
Drilling pattern 48/6



Full overlay



Door overlay mm

12	13	14	15	16	17	18	19	20	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

8 mm crank

45/9.5 48/6

Nickel-plated

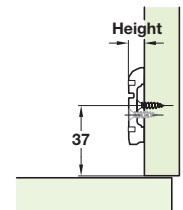
311.93.510 311.93.500

Order qty: Multiples of 50 pcs

Item & text added

E Cruciform mounting plate

- For slide on systems on this page only
- Hospa screw fixing
- Height adjustment ± 2 mm
- Nickel-plated steel

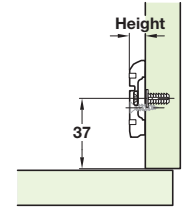


Height	Cat. No.
0 mm	311.98.500
2 mm	311.98.502
4 mm	311.98.504

Order qty: Multiples of 50 pcs

F Cruciform mounting plate

- For slide on systems on this page only
- With pre-mounted Euro screws
- Height adjustment ± 2 mm
- Nickel-plated steel



Height	Cat. No.
0 mm	311.98.510
2 mm	311.98.512
4 mm	311.98.514

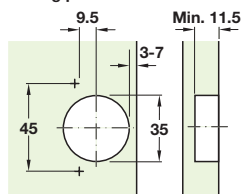
Order qty: Multiples of 50 pcs

Contract Concealed Hinges 110° and 170° Hinges and Mounting Plates

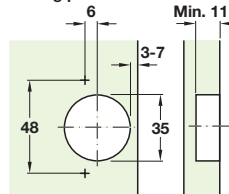
A Concealed hinges 110°

- Opening angle 110°
- Automatic closing spring
- Screw fixing
- Slide on arms
- Nickel-plated steel

Drilling dimensions for cup fixing
Drilling pattern 45/9.5



Drilling dimensions for cup fixing
Drilling pattern 48/6



Full overlay mounting

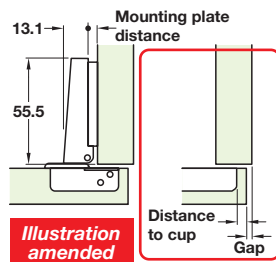


Illustration amended

Door overlay mm

12	13	14	15	16	17	18	19	20	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Straight hinge arm

45/9.5 48/6

Nickel plated

311.90.520 311.90.500

Order qty: Multiples of 50 pcs

Half overlay/twin mounting

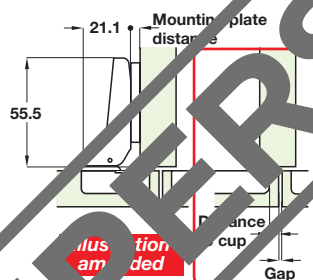


Illustration amended

Door overlay mm

4	5	6	7	8	9	10	11	12	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Cranked hinge arm, 8 mm crank

Cat. No.

Nickel-plated

311.90.501

Order qty: Multiples of 50 pcs

Inset mounting

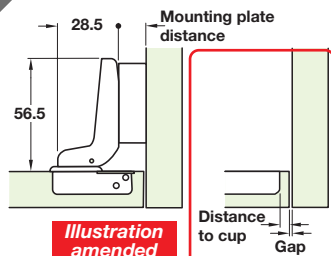


Illustration amended

Door overlay mm

3	2	1	0	-1	-2	-3	-4	-5	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Cranked arm, 17 mm crank

Cat. No.

Nickel-plated

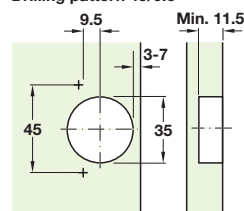
311.90.502

Order qty: Multiples of 50 pcs

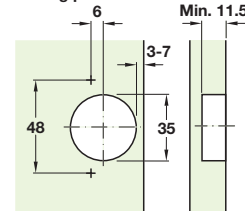
D Concealed hinges 170°

- Opening angle 170°
- Sprung
- Screw fixing
- Slide on arms
- Nickel-plated steel

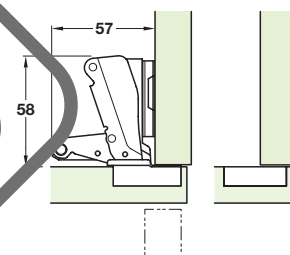
Drilling dimensions for cup fixing
Drilling pattern 45/9.5



Drilling dimensions for cup fixing
Drilling pattern 48/6



Full overlay



0 mm crank

45/9.5 48/6

Nickel-plated

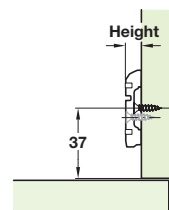
311.93.510 311.93.500

Order qty: Multiples of 50 pcs

Item & text added

E Cruciform mounting plate

- For slide on systems on this page only
- Hospa screw fixing
- Height adjustment ± 2 mm
- Nickel-plated steel



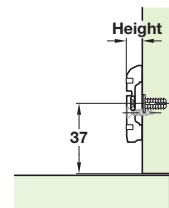
Height	Cat. No.
0 mm	311.98.500
2 mm	311.98.502
4 mm	311.98.504

Order qty: Multiples of 50 pcs



F Cruciform mounting plate

- For slide on systems on this page only
- With pre-mounted Euro screws
- Height adjustment ± 2 mm
- Nickel-plated steel



Height	Cat. No.
0 mm	311.98.510
2 mm	311.98.512
4 mm	311.98.514

Order qty: Multiples of 50 pcs

Approved by S.L.

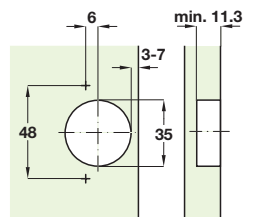
08.06.11/1*

Head Office 01788 542 020 • Bristol 0117 935 9645 • Manchester 0161 745 8242
London 020 8551 8888 • Scotland 01698 422 525 • Wales 01269 831 433 • Yorkshire 01977 680 388

A Concealed hinges

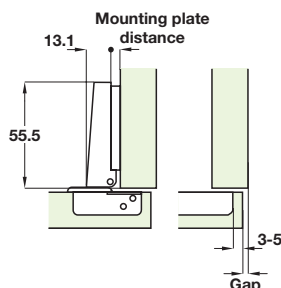
- Opening angle 110°
- Automatic closing spring
- Screw fixing
- Slide on arms
- Nickel-plated steel

Drilling dimensions for cup fixing



Drilling pattern 48/6

Full overlay mounting



Door overlay mm

12	13	14	15	16	17	18	19	20	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

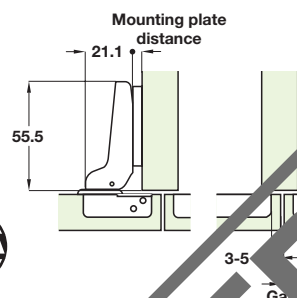
Straight hinge arm

Cat. No.

Nickel plated 311.90.500

Order qty: Multiples of 50 pcs

Half overlay/twin mounting



Door overlay mm

4	5	6	7	8	9	10	11	12	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

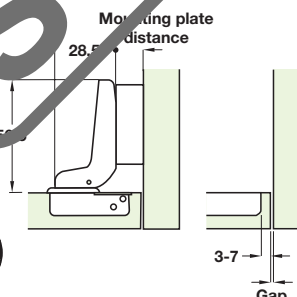
Cranked hinge arm, 8 mm crank

Cat. No.

Nickel-plated 311.90.501

Order qty: Multiples of 50 pcs

Inset mounting



Door overlay mm

3	2	1	0	-1	-2	-3	-4	-5	
				3	4	5	6	7	0
		3	4	5	6	7			2
3	4	5	6	7					4

Distance to cup mm

Mounting plate distance mm

Cranked arm, 17 mm crank

Cat. No.

Nickel-plated 311.90.502

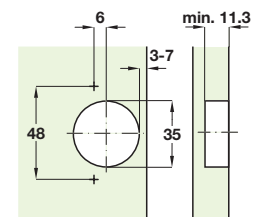
Order qty: Multiples of 50 pcs

D Concealed hinge



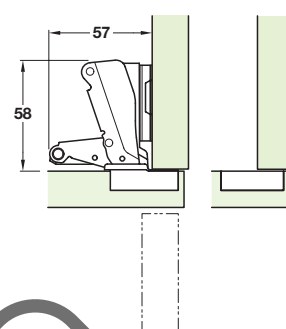
- Opening angle 170°
- Sprung
- Screw fixing
- Slide on arms
- Nickel-plated steel

Drilling dimensions for cup fixing



Drilling pattern 48/6

Full overlay



0 mm crank

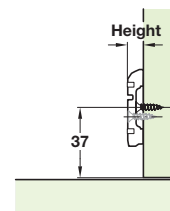
Cat. No.

Nickel-plated 311.93.500

Order qty: Multiples of 50 pcs

E Cruciform mounting plate

- For slide on systems on this page only
- Hospa screw fixing
- Height adjustment ± 2 mm
- Nickel-plated steel

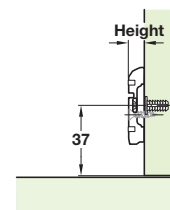


Height	Cat. No.
0 mm	311.98.500
2 mm	311.98.502
4 mm	311.98.504

Order qty: Multiples of 50 pcs

F Cruciform mounting plate

- For slide on systems on this page only
- With pre-mounted Euro screws
- Height adjustment ± 2 mm
- Nickel-plated steel



Height	Cat. No.
0 mm	311.98.510
2 mm	311.98.512
4 mm	311.98.514

Order qty: Multiples of 50 pcs