



| Hinge Series

Information

A

Hinge Series

Opening: 93°



HS2113
26mm Clip-on hydraulic mini hinge

A.6



HS2126
26mm Hydraulic glass hinge

A.7

Opening: 95°



HS2124
40mm Hinge cup clip-on hydraulic hinge

A.8



HS1111
Hydraulic hinge with plastic pad

A.9

Opening: 105°



HS3101
Two way clip-on hydraulic hinge with CAM adjustable plate

A.10



HS3102
Two way clip-on hydraulic hinge with CAM adjustable plate

A.11



HS2998
Clip-on hydraulic hinge

A.12



HS2120
Clip-on hydraulic hinge

A.13



HU2998
Stainless steel clip-on hydraulic hinge

A.14



HS2114
35mm Hydraulic glass hinge

A.15



HS1121
General type hydraulic hinge

A.16

Opening: 165°



HS2165
165° Clip-on hydraulic hinge

A.17



HS3165
165° Clip-on hydraulic hinge with CAM adjustable

A.18

Opening: 92°		HG1265 Slide-on one way glass hinge	A.23
Opening: 98°		HG1260 Slide-on one way mini hinge	A.24
Opening: 105°		HG1268 Slide-on two way mini hinge	A.25
Opening: 110°		HG1201 Slide-on two way hinge	A.26
		HG1203 Slide-on one way hinge	A.27
		HG2202 Clip-on two way hinge	A.28
		HG1102 General-type one way hinge	A.29
Opening: 165°		HG1165 165° Slide-on hinge	A.30
		HG2165 165° Clip-on hinge	A.31

Special angle hinge

A

Hinge Series

Closing: -30°



HG0301
-30° Slide-on hinge

A.33

Closing: -45°



HG0451
-45° Slide-on hinge

A.34

Opening: 30°



HG1301
30° Slide-on hinge

A.35



HG2301
30° Clip-on hinge

A.36

Opening: 45°



HS0451
45° Slide-on hydraulic hinge

A.19



HS2451
45° Clip-on hydraulic hinge

A.20



HG1451
45° Slide-on hinge

A.37



HG2451
45° Clip-on hinge

A.38

Opening: 90°



HG1901
90° Slide-on hinge

A.39



HG2901
90° Clip-on hinge

A.40



HS0901
90° Slide-on hydraulic hinge

A.21



HS2901
90° Clip-on hydraulic hinge

A.22

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Opening: 105°



HG1151
115° Slide-on hinge

A.41



HG2151
115° Clip-on hinge

A.42

Opening: 135°



HG1351
135° Slide-on hinge

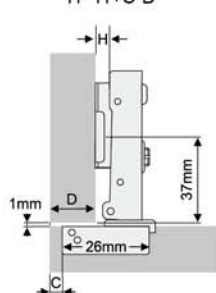
A.43

Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 93°.
- Dia. of hinge cup: 26mm.
- Depth of hinge cup: 10.0mm.
- Door thickness: 12-20mm.
- Concealed hydraulic hinge, clip-on.
- With self-closing function.



$$H=11+C-D$$



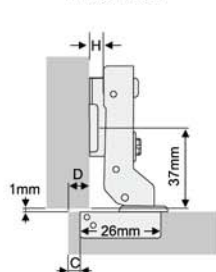
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)				
	14	15	16	17	18
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	38
Chipboard screw on	311.205.312
Euro screw on	311.205.313
M8 dowel	311.205.318
M10 dowel	311.205.319

$$H=2.5+C-D$$



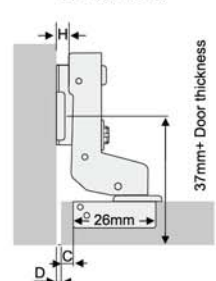
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)				
	5.5	6.5	7.5	8.5	9.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	38
Chipboard screw on	311.205.322
Euro screw on	311.205.323
M8 dowel	311.205.328
M10 dowel	311.205.329

$$H=-4.5+C+D$$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	38
Chipboard screw on	311.205.332
Euro screw on	311.205.333
M8 dowel	311.205.338
M10 dowel	311.205.339

Optional Mounting Plate Page - A.46-48

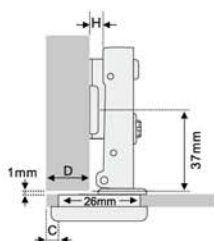
Optional Hinge Cover Page - A.45

26mm Hydraulic glass hinge
Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 93°.
- Dia. of hinge cup: 26mm.
- Depth of hinge cup: 10.0mm.
- Glass thickness: 4-6.5mm.
- Concealed hydraulic hinge, clip-on.
- With self-closing function.



$$H=11+C-D$$

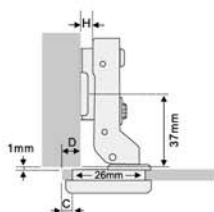
A - Overlay


Drilling distance C (mm)	Front overlay D (mm)				
	14	15	16	17	18
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Item No.
Round & Chrome plated	311.702.311
Round & Gold plated	311.702.312
Round & Black plated	311.702.313
Curve & Chrome plated	311.702.314
Curve & Gold plated	311.702.315
Curve & Black plated	311.702.316

$$H=2.5+C-D$$

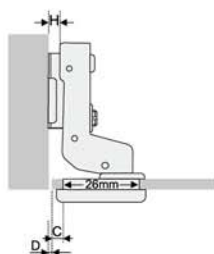
B - Half overlay


Drilling distance C (mm)	Front overlay D (mm)				
	5.5	6.5	7.5	8.5	9.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Item No.
Round & Chrome plated	311.702.321
Round & Gold plated	311.702.322
Round & Black plated	311.702.323
Curve & Chrome plated	311.702.324
Curve & Gold plated	311.702.325
Curve & Black plated	311.702.326

$$H=-4.5+C+D$$

C - Inset


Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

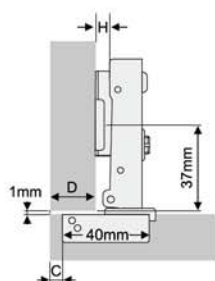
Mounting plate height H (mm)

Installation method	Item No.
Round & Chrome plated	311.702.331
Round & Gold plated	311.702.332
Round & Black plated	311.702.333
Curve & Chrome plated	311.702.334
Curve & Gold plated	311.702.335
Curve & Black plated	311.702.336

Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 95°.
- Dia. of hinge cup: 40mm.
- Depth of hinge cup: 12.5mm.
- Door thickness: 16-30mm.
- Concealed hydraulic hinge, clip-on.
- With self-closing function.

$$H=18+C-D$$



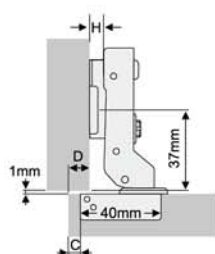
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)								
	21	22	23	24	25	26	27	28	29
3	0								
4		0							
5			0						
6				0					
7					0				
8						0			
9							0		
10								0	
11									0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
Chipboard screw on	311.204.612
Euro screw on	311.204.613

$$H=8+C-D$$



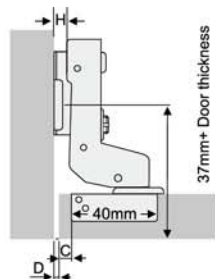
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)								
	11	12	13	14	15	16	17	18	19
3	0								
4		0							
5			0						
6				0					
7					0				
8						0			
9							0		
10								0	
11									0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
Chipboard screw on	311.204.622
Euro screw on	311.204.623

$$H=4.5+C+D$$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)								
	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5	4.5	5.5
3	0								
4		0							
5			0						
6				0					
7					0				
8						0			
9							0		
10								0	
11									0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
Chipboard screw on	311.204.632
Euro screw on	311.204.633

Optional Mounting Plate Page - A.46-48

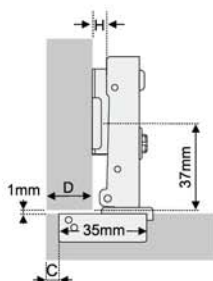
Optional Hinge Cover Page - A.45

Hydraulic hinge with plastic pad

Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 10mm.
- Door thickness: 14-21mm.
- Concealed hydraulic hinge.
- With self-closing function.

$$H=13+C-D$$

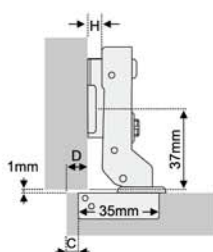

A - Overlay

Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	315.203.412	315.203.512	315.203.612
Euro screw on	315.203.413	315.203.513	315.203.613
M8 dowel	315.203.418	315.203.518	315.203.618
M10 dowel	315.203.419	315.203.519	315.203.619

$$H=4+C-D$$

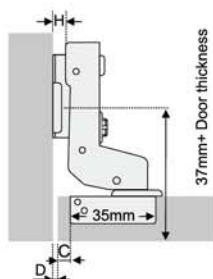

B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	315.203.422	315.203.522	315.203.622
Euro screw on	315.203.423	315.203.523	315.203.623
M8 dowel	315.203.428	315.203.528	315.203.628
M10 dowel	315.203.429	315.203.529	315.203.629

$$H=-4.5+C+D$$


C - Inset

Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	315.203.432	315.203.532	315.203.632
Euro screw on	315.203.433	315.203.533	315.203.633
M8 dowel	315.203.438	315.203.538	315.203.638
M10 dowel	315.203.439	315.203.539	315.203.639

Optional Mounting Plate

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Optional Hinge Cover

Page - A.45

Two way clip-on hydraulic hinge with cam adjustable plate

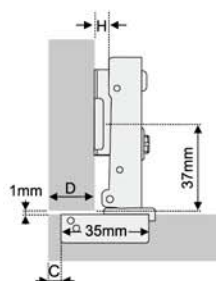
Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-21mm.
- Concealed hydraulic hinge, clip-on, CAM adjustable.
- With self-closing function.



$$H=13+C-D$$

A - Overlay



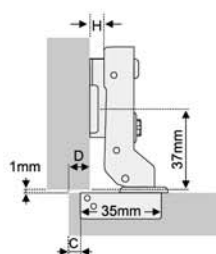
Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.291.412	311.291.512	311.291.612
Euro screw on	/	311.291.513	/
M8 dowel	311.291.418	311.291.518	311.291.618
M10 dowel	311.291.419	311.291.519	311.291.619

$$H=4+C-D$$

B - Half overlay



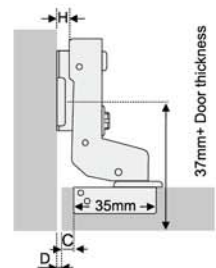
Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.291.422	311.291.522	311.291.622
Euro screw on	/	311.291.523	/
M8 dowel	311.291.428	311.291.528	311.291.628
M10 dowel	311.291.429	311.291.529	311.291.629

$$H=4.5+C-D$$

C - Inset



Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.291.432	311.291.532	311.291.632
Euro screw on	/	311.291.533	/
M8 dowel	311.291.438	311.291.538	311.291.638
M10 dowel	311.291.439	311.291.539	311.291.639

Optional Mounting Plate

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Optional Hinge Cover

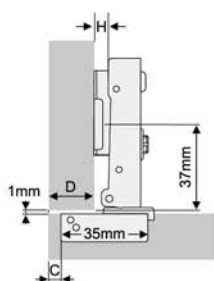
Page - A.45

Two way clip-on hydraulic hinge with cam adjustable plate
Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door thickness: 14-23mm.
- Concealed hydraulic hinge, clip-on, CAM adjustable.
- With self-closing function.



$$H=14+C-D$$

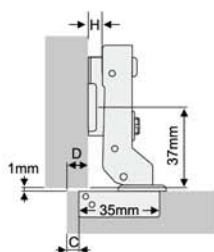

A - Overlay

Drilling distance C (mm)	Front overlay D (mm)				
	17	18	19	20	21
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.292.412	311.292.512	311.292.612

$$H=5+C-D$$

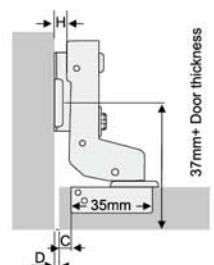

B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)				
	08	09	10	11	12
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.292.422	311.292.522	311.292.622

$$H=6+C+D$$


C - Inset

Drilling distance C (mm)	Front overlay D (mm)				
	03	02	01	0	-1
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.292.432	311.292.532	311.292.632

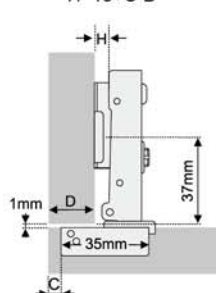
Clip-on hydraulic hinge

Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-21mm.
- Concealed hydraulic hinge, clip-on.
- With self-closing function.



$$H=13+C-D$$



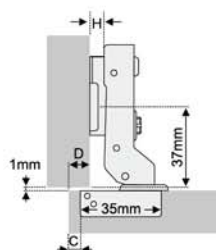
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.201.412	311.201.512	311.201.612
Euro screw on	311.201.413	311.201.513	311.201.613

$$H=4+C-D$$



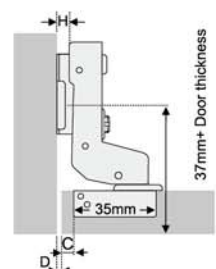
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.201.422	311.201.522	311.201.622
Euro screw on	311.201.423	311.201.523	311.201.623

$$H=4.5+C+D$$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.201.432	311.201.532	311.201.632
Euro screw on	311.201.433	311.201.533	311.201.633

Optional Mounting Plate Page - A.46-48

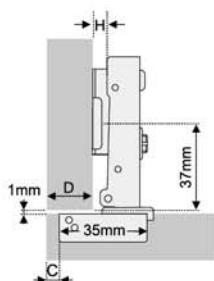
Optional Hinge Cover Page - A.45

Clip-on hydraulic glass hinge
Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-21mm.
- Concealed hydraulic hinge, clip-on.
- With self-closing function.



$$H=13+C-D$$

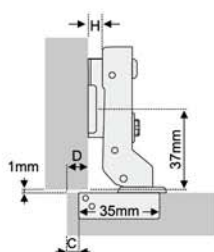

A - Overlay

Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.203.412	311.203.512	311.203.612
Euro screw on	/	311.203.513	/
M8 dowel	311.203.418	311.203.518	311.203.618
M10 dowel	311.203.419	311.203.519	311.203.619

$$H=4+C-D$$

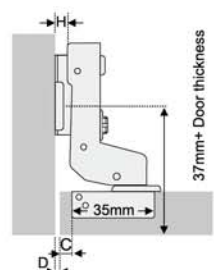

B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.203.422	311.203.522	311.203.622
Euro screw on	/	311.203.523	/
M8 dowel	311.203.428	311.203.528	311.203.628
M10 dowel	311.203.429	311.203.529	311.203.629

$$H=-4.5+C+D$$


C - Inset

Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.203.432	311.203.532	311.203.632
Euro screw on	/	311.203.533	/
M8 dowel	311.203.438	311.203.538	311.203.638
M10 dowel	311.203.439	311.203.539	311.203.639

Optional Mounting Plate [Page - A.46-48](#)

Optional Hinge Cover [Page - A.45](#)

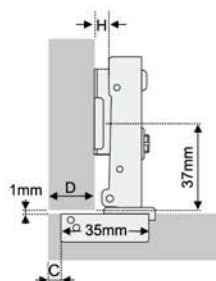
Technical specifications:

- Main material: 304, 201 stainless steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-23mm.
- Concealed hydraulic hinge, clip-on.
- With self-closing function.



$$H=13+C-D$$

A - Overlay



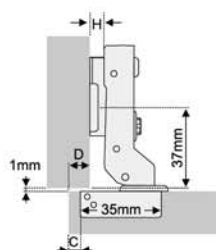
Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)	
	48	52
Chipboard screw on	311.206.512	311.206.612
M8 dowel	311.206.518	311.206.618
M10 dowel	311.206.519	311.206.619

$$H=4+C-D$$

B - Half overlay



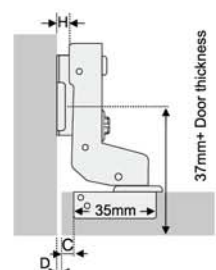
Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)	
	48	52
Chipboard screw on	311.206.522	311.206.622
M8 dowel	311.206.528	311.206.628
M10 dowel	311.206.529	311.206.629

$$H=4.5+C+D$$

C - Inset



Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

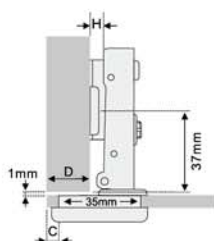
Installation method	Hinge cup (mm)	
	48	52
Chipboard screw on	311.206.532	311.206.632
M8 dowel	311.206.538	311.206.638
M10 dowel	311.206.539	311.206.639

Optional Mounting Plate Page - A.46-48

Optional Hinge Cover Page - A.45

35mm Hydraulic glass hinge
Technical specifications:

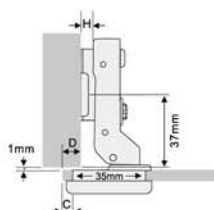
- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Glass thickness: 4-8mm.
- Concealed hydraulic hinge, clip-on.
- With self-closing function.


 $H=13+C-D$
A - Overlay


Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

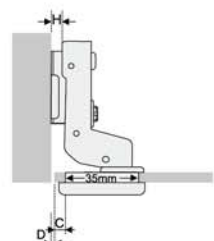
Installation method	Item No.
Round & Chrome plated	311.701.511
Round & Gold plated	311.701.512
Round & Black plated	311.701.513
Curve & Chrome plated	311.701.514
Curve & Gold plated	311.701.515
Curve & Black plated	311.701.516

 $H=4+C-D$
B - Half overlay


Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Item No.
Round & Chrome plated	311.701.521
Round & Gold plated	311.701.522
Round & Black plated	311.701.523
Curve & Chrome plated	311.701.524
Curve & Gold plated	311.701.525
Curve & Black plated	311.701.526

 $H=-4.5+C+D$
C - Inset


Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

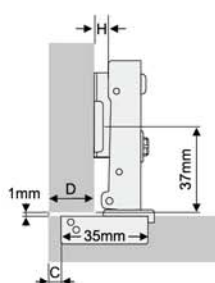
Installation method	Item No.
Round & Chrome plated	311.701.531
Round & Gold plated	311.701.532
Round & Black plated	311.701.533
Curve & Chrome plated	311.701.534
Curve & Gold plated	311.701.535
Curve & Black plated	311.701.526



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-21mm.
- Concealed hydraulic hinge, clip-on, fast transfer.
- With self-closing function.

$$H=13+C-D$$



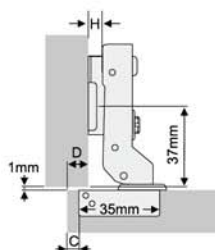
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	315.201.412	315.201.512	315.201.612
Euro screw on	315.201.413	315.201.513	315.201.613
M8 dowel	315.201.418	315.201.518	315.201.618
M10 dowel	315.201.419	315.201.519	315.201.619

$$H=4+C-D$$



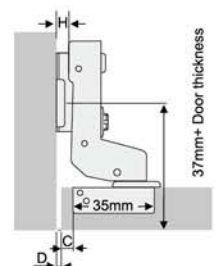
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	315.201.422	315.201.522	315.201.622
Euro screw on	315.201.423	315.201.523	315.201.623
M8 dowel	315.201.428	315.201.528	315.201.628
M10 dowel	315.201.429	315.201.529	315.201.629

$$H=4.5+C+D$$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	315.201.432	315.201.532	315.201.632
Euro screw on	315.201.433	315.201.533	315.201.633
M8 dowel	315.201.438	315.201.538	315.201.638
M10 dowel	315.201.439	315.201.539	315.201.639

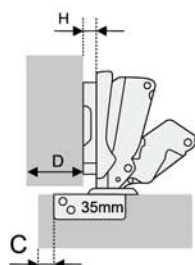
Optional Mounting Plate Page - A.46-48
Optional Hinge Cover Page - A.45

165° Clip-on hydraulic hinge

Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 165°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-21mm.
- Concealed hydraulic hinge, clip-on, fast transfer.
- With self-closing function.

$$H=13+C-D$$

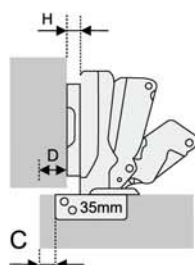
A - Overlay


Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	48
Chipboard screw on	311.502.512
Euro screw on	311.502.513

$$H=4+C-D$$

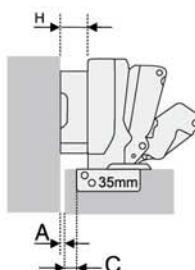
B - Half overlay


Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	48
Chipboard screw on	311.502.522
Euro screw on	311.502.523

$$H=-4.5+C+D$$

C - Inset


Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

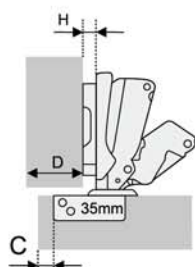
Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	48
Chipboard screw on	311.502.532
Euro screw on	311.502.533

Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 165°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-21mm.
- Concealed hydraulic hinge, clip-on, fast transfer.
- With self-closing function.

$$H=13+C-D$$



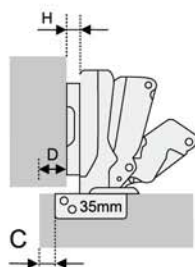
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)				
	16	17	18	19	20
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	48
Chipboard screw on	311.591.512
Euro screw on	311.591.513

$$H=4+C-D$$



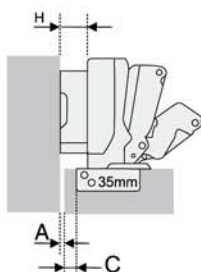
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)				
	07	08	09	10	11
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	48
Chipboard screw on	311.591.522
Euro screw on	311.591.523

$$H=4.5+C-D$$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)				
	-2.5	-1.5	-0.5	0.5	1.5
3	0				
4		0			
5			0		
6				0	
7					0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	48
Chipboard screw on	311.591.532
Euro screw on	311.591.533

Optional Mounting Plate Page - A.46-48

Optional Hinge Cover Page - A.45


Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 45°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.010.492	311.010.592	311.010.692
Euro screw on	/	311.010.593	/
M8 dowel	311.010.498	311.010.598	311.010.698
M10 dowel	311.010.499	311.010.599	311.010.699

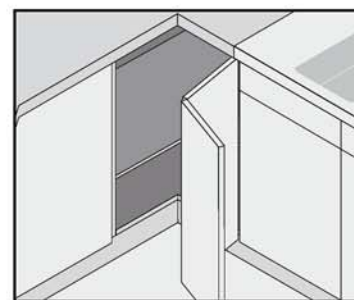
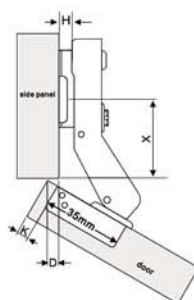
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 45°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	313.010.492	313.010.592	313.010.692
Euro screw on	/	313.010.593	/
M8 dowel	313.010.498	313.010.598	313.010.698
M10 dowel	313.010.499	313.010.599	313.010.699

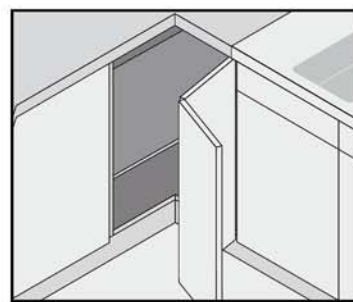
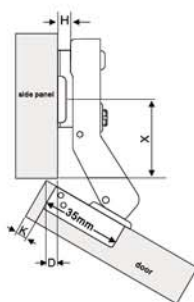
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Optional Mounting Plate

Page - A.51

Optional Hinge Cover

Page - A.45


Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 90°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	311.011.492	311.011.592	311.011.692
Euro screw on	/	311.011.593	/
M8 dowel	311.011.498	311.011.598	311.011.698
M10 dowel	311.011.499	311.011.599	311.011.699

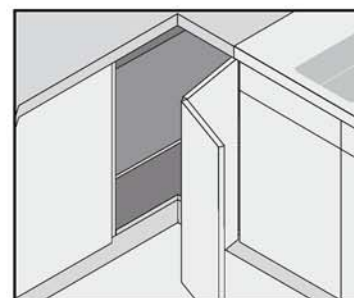
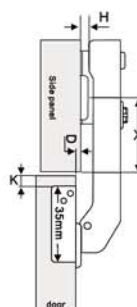
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board





Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 90°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	313.011.492	313.011.592	313.011.692
Euro screw on	/	313.011.593	/
M8 dowel	313.011.498	313.011.598	313.011.698
M10 dowel	313.011.499	313.011.599	313.011.699

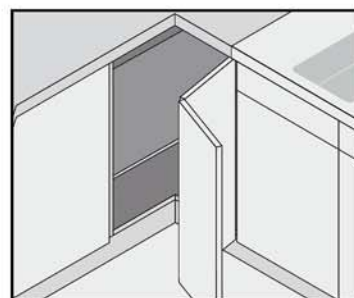
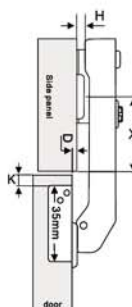
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Optional Mounting Plate

Page - A.51

Optional Hinge Cover

Page - A.45

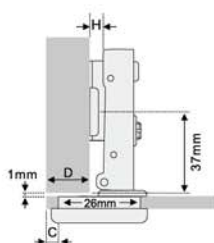


Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 92°.
- Depth of hinge cup: 10mm.
- Diameter of hinge cup: 26mm.
- Face panel(C) measurement: 4-7mm.
- Recommended plank thickness: 4-6mm.

$H=15+C-D$

A - Overlay



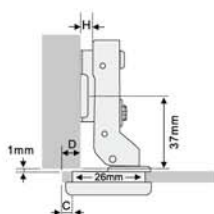
Drilling distance C (mm)	Front overlay D (mm)									
	14	15	16	17	18	19	20	21	22	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Round & Chrome plated	333.702.311
Round & Gold plated	333.702.312
Round & Black plated	333.702.313
Curve & Chrome plated	333.702.314
Curve & Gold plated	333.702.315
Curve & Black plated	333.702.316

$H=7+C-D$

B - Half overlay



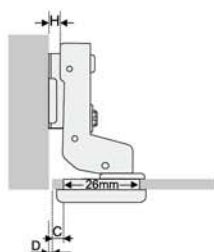
Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Round & Chrome plated	333.702.321
Round & Gold plated	333.702.322
Round & Black plated	333.702.323
Curve & Chrome plated	333.702.324
Curve & Gold plated	333.702.325
Curve & Black plated	333.702.326

$H=-2+C+D$

C - Inset



Drilling distance C (mm)	Front overlay D (mm)									
	03	02	01	0	-1	-2	-3	-4	-5	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

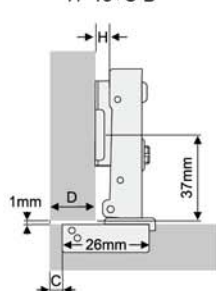
Installation method	Item No.
Round & Chrome plated	333.702.331
Round & Gold plated	333.702.332
Round & Black plated	333.702.333
Curve & Chrome plated	333.702.334
Curve & Gold plated	333.702.335
Curve & Black plated	333.702.336

Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 98°.
- Dia. of hinge cup: 26mm.
- Depth of hinge cup: 8.5mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-20mm.



$$H=15+C-D$$



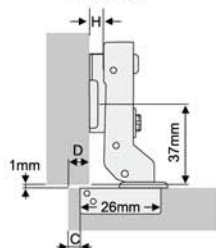
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)									
	14	15	16	17	18	19	20	21	22	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	
Mounting plate height H (mm)										

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	38
Chipboard screw on	311.205.312
Euro screw on	311.205.313
M8 dowel	311.205.318
M10 dowel	311.205.319

$$H=7+C-D$$



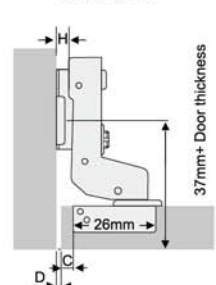
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	38
Chipboard screw on	311.205.322
Euro screw on	311.205.323
M8 dowel	311.205.328
M10 dowel	311.205.329

$$H=-2+C+D$$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)								
	03	02	01	0	-1	-2	-3	-4	-5
3	4		2		0				
4		4		2		0			
5			4		2		0		
6				4		2		0	
7					4		2		0

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	38
Chipboard screw on	311.205.332
Euro screw on	311.205.333
M8 dowel	311.205.338
M10 dowel	311.205.339

Optional Mounting Plate Page - A.46-48

Optional Hinge Cover Page - A.45

Slide-on one way mini hinge



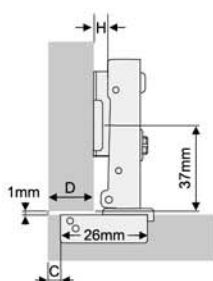
Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 26mm.
- Depth of hinge cup: 9.8mm.
- Door thickness: 14-23mm.

A

Hinge Series

$H=15+C-D$



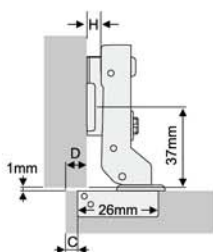
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)									
	14	15	16	17	18	19	20	21	22	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
Chipboard screw on	38
	333.207.312

$H=7+C-D$



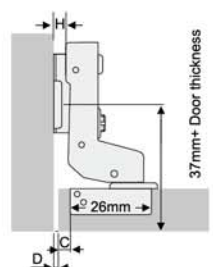
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
Chipboard screw on	38
	333.207.322

$H=2+C+D$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)									
	03	02	01	0	-1	-2	-3	-4	-5	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

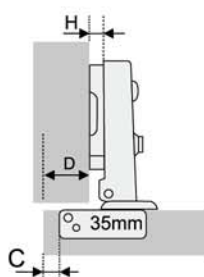
Installation method	Hinge cup (mm)
Chipboard screw on	38
	333.207.332

Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 110°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door thickness: 14-23mm.



$$H=15+C-D$$



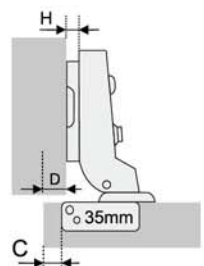
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)									
	14	15	16	17	18	19	20	21	22	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.201.412
M8 dowel	333.201.418
M10 dowel	333.201.419
Hinge cup (mm) 48	
Chipboard screw on	333.201.512
Euro screw on	333.201.513
M8 dowel	333.201.518
M10 dowel	333.201.519
Hinge cup (mm) 52	
Chipboard screw on	333.201.612
M8 dowel	333.201.618
M10 dowel	333.201.619

$$H=7+C-D$$



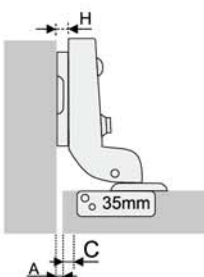
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.201.422
M8 dowel	333.201.428
M10 dowel	333.201.429
Hinge cup (mm) 48	
Chipboard screw on	333.201.522
Euro screw on	333.201.523
M8 dowel	333.201.528
M10 dowel	333.201.529
Hinge cup (mm) 52	
Chipboard screw on	333.201.622
M8 dowel	333.201.628
M10 dowel	333.201.629

$$H=2+C+D$$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)									
	03	02	01	0	-1	-2	-3	-4	-5	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.201.432
M8 dowel	333.201.438
M10 dowel	333.201.439
Hinge cup (mm) 48	
Chipboard screw on	333.201.532
Euro screw on	333.201.533
M8 dowel	333.201.538
M10 dowel	333.201.539
Hinge cup (mm) 52	
Chipboard screw on	333.201.632
M8 dowel	333.201.638
M10 dowel	333.201.639

Optional Mounting Plate

Page - A.49

Optional Hinge Cover

Page - A.45

Slide-on one way hinge

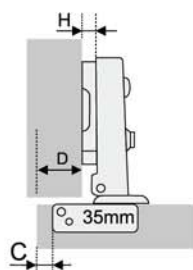
Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 110°.
- Diameter of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door thickness: 4-7mm.

A

Hinge Series

$$H=15+C-D$$

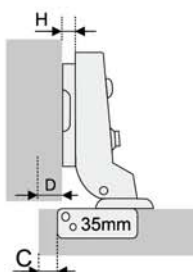

A - Overlay

Drilling distance C (mm)	Front overlay D (mm)									
	14	15	16	17	18	19	20	21	22	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.204.412
M8 dowel	333.204.418
M10 dowel	333.204.419
Hinge cup (mm) 48	
Chipboard screw on	333.204.512
M8 dowel	333.204.518
M10 dowel	333.204.519
Hinge cup (mm) 52	
Chipboard screw on	333.204.612
M8 dowel	333.204.618
M10 dowel	333.204.619

$$H=7+C-D$$

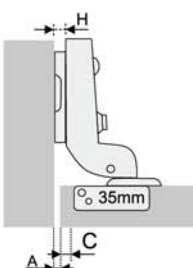

B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.204.422
M8 dowel	333.204.428
M10 dowel	333.204.429
Hinge Cup (mm) 48	
Chipboard screw on	333.204.522
M8 dowel	333.204.528
M10 dowel	333.204.529
Hinge cup (mm) 52	
Chipboard screw on	333.204.622
M8 dowel	333.204.628
M10 dowel	333.204.629

$$H=-2+C+D$$


C - Inset

Drilling distance C (mm)	Front overlay D (mm)									
	03	02	01	0	-1	-2	-3	-4	-5	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

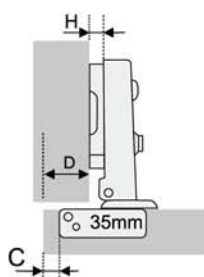
Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.204.432
M8 dowel	333.204.438
M10 dowel	333.204.439
Hinge cup (mm) 48	
Chipboard screw on	333.204.532
M8 dowel	333.204.538
M10 dowel	333.204.539
Hinge cup (mm) 52	
Chipboard screw on	333.204.632
M8 dowel	333.204.638
M10 dowel	333.204.639

Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 110°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door thickness: 14-23mm.



$$H=15+C-D$$



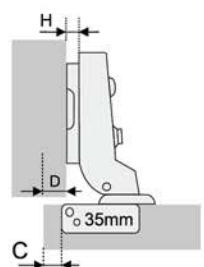
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)									
	14	15	16	17	18	19	20	21	22	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	331.202.412
M8 dowel	331.202.418
M10 dowel	331.202.419
Hinge cup (mm) 48	
Chipboard screw on	331.202.512
Euro screw on	331.202.513
M8 dowel	331.202.518
M10 dowel	331.202.519
Hinge cup (mm) 52	
Chipboard screw on	331.202.612
M8 dowel	331.202.618
M10 dowel	331.202.619

$$H=7+C-D$$



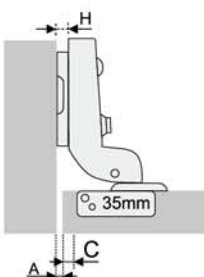
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	331.202.422
M8 dowel	331.202.428
M10 dowel	331.202.429
Hinge cup (mm) 48	
Chipboard screw on	331.202.522
Euro screw on	331.202.523
M8 dowel	331.202.528
M10 dowel	331.202.529
Hinge cup (mm) 52	
Chipboard screw on	331.202.622
M8 dowel	331.202.628
M10 dowel	331.202.629

$$H=2+C-D$$



C - Inset

Drilling distance C (mm)	Front overlay D (mm)									
	03	02	01	0	-1	-2	-3	-4	-5	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.201.432
M8 dowel	333.201.438
M10 dowel	333.201.439
Hinge cup (mm) 48	
Chipboard screw on	333.201.532
Euro screw on	333.201.538
M10 dowel	333.201.539
Hinge cup (mm) 52	
Chipboard screw on	333.201.632
M8 dowel	333.201.638
M10 dowel	333.201.639

Optional Mounting Plate Page - A.51

Optional Hinge Cover Page - A.45



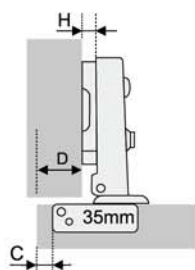
General-type one way hinge



Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 110°.
- Depth of hinge cup: 11.3mm.
- Diameter of hinge cup: 35mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

$$H=15+C-D$$



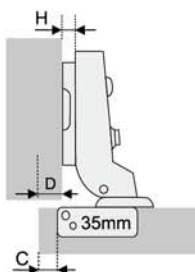
A - Overlay

Drilling distance C (mm)	Front overlay D (mm)									
	14	15	16	17	18	19	20	21	22	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.205.412
M8 dowel	333.205.418
M10 dowel	333.205.419
Hinge cup (mm) 48	
Chipboard screw on	333.205.512
M8 dowel	333.205.518
M10 dowel	333.205.519
Hinge cup (mm) 52	
Chipboard screw on	333.205.612
M8 dowel	333.205.618
M10 dowel	333.205.619

$$H=7+C-D$$



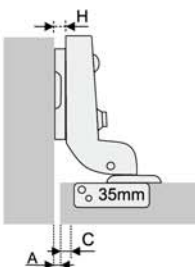
B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.205.422
M8 dowel	333.205.428
M10 dowel	333.205.429
Hinge cup (mm) 48	
Chipboard screw on	333.205.522
M8 dowel	333.205.528
M10 dowel	333.205.529
Hinge cup (mm) 52	
Chipboard screw on	333.205.622
M8 dowel	333.205.628
M10 dowel	333.205.629

$$H=-2+C+D$$



C - Inset

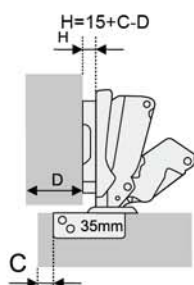
Drilling distance C (mm)	Front overlay D (mm)									
	03	02	01	0	-1	-2	-3	-4	-5	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.205.432
M10 dowel	333.205.439
Hinge cup (mm) 48	
Chipboard screw on	333.205.532
M8 dowel	333.205.538
M10 dowel	
Hinge cup (mm) 52	
Chipboard screw on	333.205.632
M8 dowel	333.205.638
M10 dowel	333.205.639

Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 165°.
- Depth of hinge cup: 11.3mm.
- Diameter of hinge cup: 35mm.
- Door(C) dimension: 3-8mm.
- Door thickness: 14-25mm.

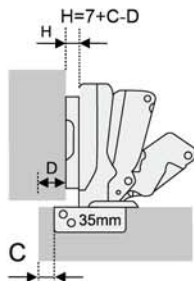


A - Overlay

Drilling distance C (mm)	Front overlay D (mm)									
	14	15	16	17	18	19	20	21	22	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.501.412
M8 dowel	333.501.418
M10 dowel	333.501.419
Hinge cup (mm) 48	
Chipboard screw on	333.501.512
M8 dowel	333.501.518
M10 dowel	333.501.519
Hinge cup (mm) 52	
Chipboard screw on	333.501.612
M8 dowel	333.501.618
M10 dowel	333.501.619

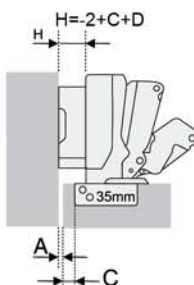


B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.501.422
M8 dowel	333.501.428
M10 dowel	333.501.429
Hinge cup (mm) 48	
Chipboard screw on	333.501.522
M8 dowel	333.501.528
M10 dowel	333.501.529
Hinge cup (mm) 52	
Chipboard screw on	333.501.622
M8 dowel	333.501.628
M10 dowel	333.501.629



C - Inset

Drilling distance C (mm)	Front overlay D (mm)									
	03	02	01	0	-1	-2	-3	-4	-5	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Item No.
Hinge cup (mm) 45	
Chipboard screw on	333.501.432
M8 dowel	333.501.438
M10 dowel	333.501.439
Hinge cup (mm) 48	
Chipboard screw on	333.501.532
M8 dowel	333.501.538
M10 dowel	333.501.539
Hinge cup (mm) 52	
Chipboard screw on	333.501.632
M8 dowel	333.501.638
M10 dowel	333.501.639

Optional Mounting Plate

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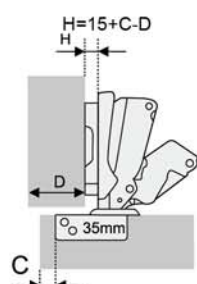
Optional Hinge Cover

Page - A.45

165° Clip-on hinge

Technical specifications:

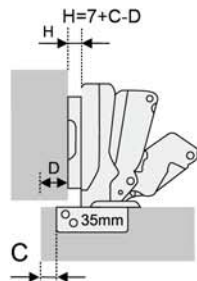
- Main material: cold-rolled steel.
- Opening angle: 165°.
- Depth of hinge cup: 11.3mm.
- Diameter of hinge cup: 35mm.
- Door(C) dimension: 3-8mm.
- Door thickness: 14-25mm.


A - Overlay

Drilling distance C (mm)	Front overlay D (mm)											
	14	15	16	17	18	19	20	21	22			
3	4		2		0							
4		4		2		0						
5			4		2		0					
6				4		2		0				
7					4		2		0			

Mounting plate height H (mm)

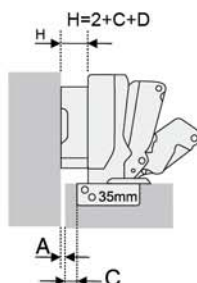
Installation method	Hinge cup (mm)
	38
Chipboard screw on	331.501.512
M8 dowel	331.501.518
M10 dowel	331.501.519


B - Half overlay

Drilling distance C (mm)	Front overlay D (mm)									
	06	07	08	09	10	11	12	13	14	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

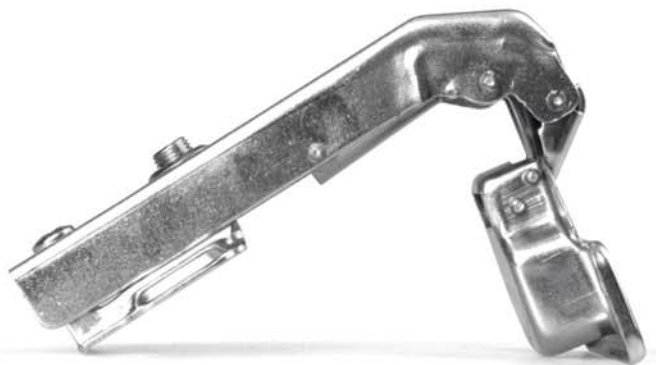
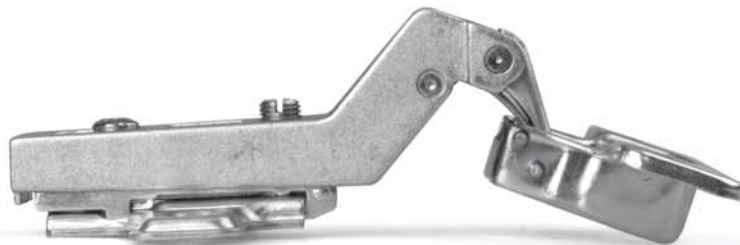
Installation method	Hinge cup (mm)
	38
Chipboard screw on	331.501.522
M8 dowel	331.501.528
M10 dowel	331.501.529


C - Inset

Drilling distance C (mm)	Front overlay D (mm)									
	03	02	01	0	-1	-2	-3	-4	-5	
3	4		2		0					
4		4		2		0				
5			4		2		0			
6				4		2		0		
7					4		2		0	

Mounting plate height H (mm)

Installation method	Hinge cup (mm)
	38
Chipboard screw on	331.501.532
M8 dowel	331.501.538
M10 dowel	331.501.539



MEATON

SPECIAL ANGLE HINGE



-30° Slide-on hinge



Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: -30°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12.7mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge Cup (mm)		
	45	48	52
Chipboard screw on	333.002.492	333.002.592	333.002.692
M8 dowel	333.002.498	333.002.598	333.002.698
M10 dowel	333.002.499	333.002.599	333.002.699

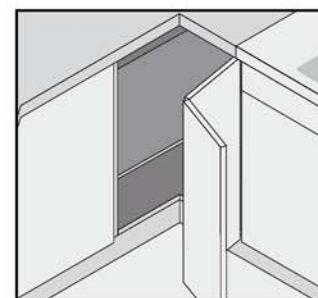
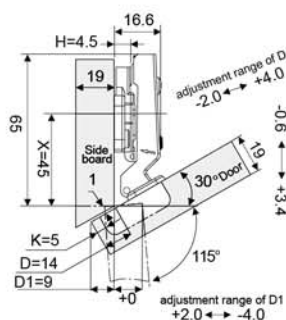
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board





Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: -45° .
- Opening angle: 95° .
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12.7mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.



Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	333.001.492	333.001.592	333.001.692
M8 dowel	333.001.498	333.001.598	333.001.698
M10 dowel	333.001.499	333.001.599	333.001.699

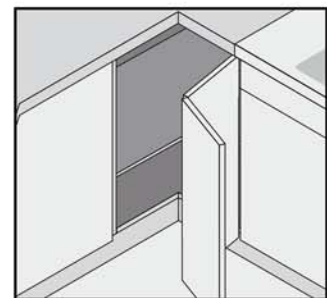
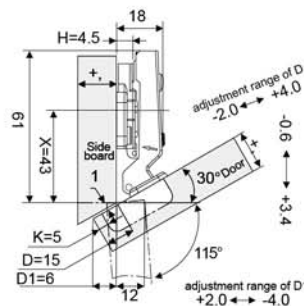
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Optional Mounting Plate

Page - A.49

Optional Hinge Cover

Page - A.45

30° Slide-on hinge
Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 30°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12.7mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.



Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	333.012.492	333.012.592	333.012.692
Euro screw on	/	333.012.593	/
M8 dowel	333.012.498	333.012.598	333.012.698
M10 dowel	333.012.499	333.012.599	333.012.699

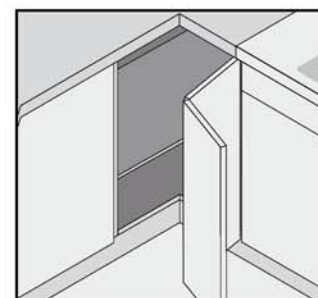
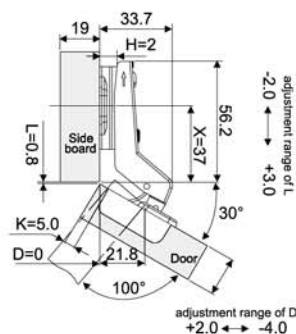
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Optional Mounting Plate

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Optional Hinge Cover

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Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 30°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-5mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	331.011.492	331.011.592	331.011.692
Euro screw on	/	331.011.593	/
M8 dowel	331.011.498	331.011.598	331.011.698
M10 dowel	331.011.499	331.011.599	331.011.699

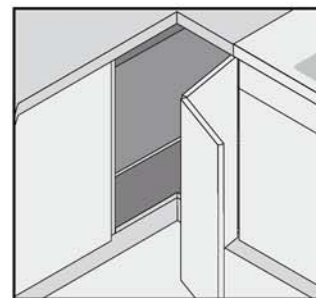
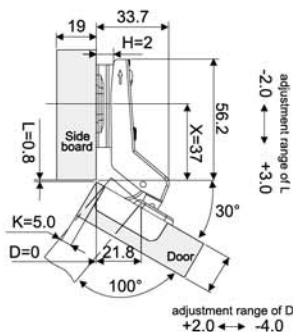
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Optional Mounting Plate

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Optional Hinge Cover

Page - A.45


45°Slide-on hinge

Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 45°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12.7mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	333.013.492	333.013.592	333.013.692
Euro screw on	/	333.013.593	/
M8 dowel	333.013.498	333.013.598	333.013.698
M10 dowel	333.013.499	333.013.599	333.013.699

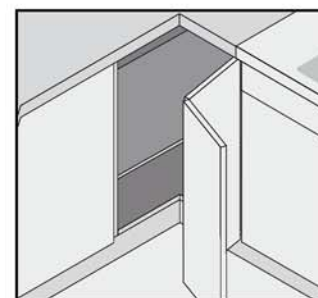
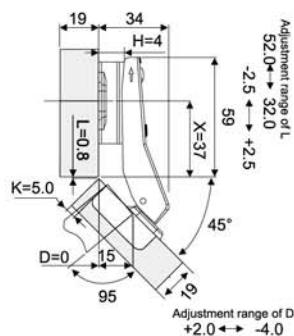
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 45°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	331.012.492	331.012.592	331.012.692
Euro screw on	/	331.012.593	/
M8 dowel	331.012.498	331.012.598	331.012.698
M10 dowel	331.012.499	331.012.599	331.012.699

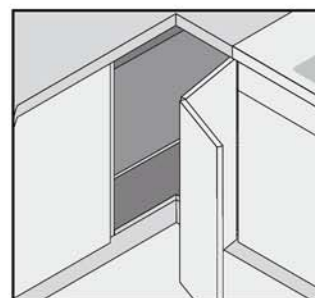
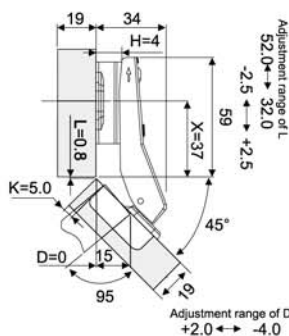
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Optional Mounting Plate

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Optional Hinge Cover

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90° Slide-on hinge

Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 90°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12.7mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	333.023.492	333.023.592	333.023.692
Euro screw on	/	333.023.593	/
M8 dowel	333.023.498	333.023.598	333.023.698
M10 dowel	333.023.499	333.023.599	333.023.699

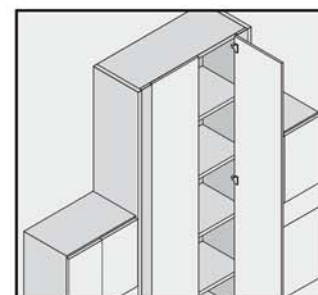
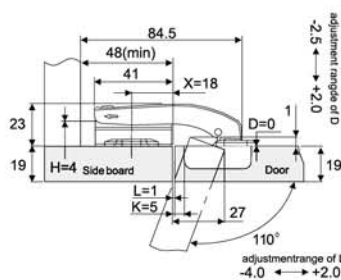
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 90°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-5mm.
- Door thickness: 14-23mm.



Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	333.011.492	333.011.592	333.011.692
Euro screw on	/	333.011.593	/
M8 dowel	333.011.498	333.011.598	333.011.698
M10 dowel	333.011.499	333.011.599	333.011.699

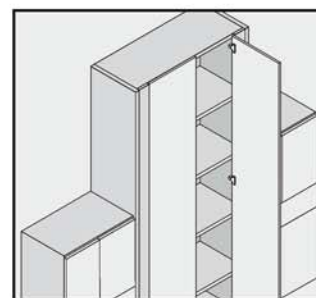
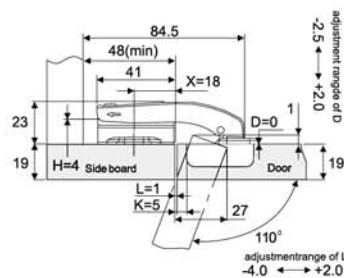
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Optional Mounting Plate

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Optional Hinge Cover

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115°Slide-on hinge



Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 115°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12.7mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	333.021.492	333.021.592	333.021.692
Euro screw on	/	333.021.593	/
M8 dowel	333.021.498	333.021.598	333.021.698
M10 dowel	333.021.499	333.021.599	333.021.699

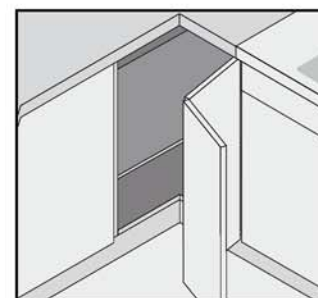
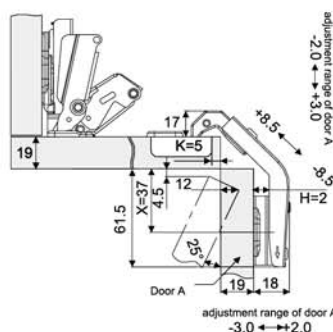
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board





Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 115°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-5mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	331.021.492	331.021.592	331.021.692
Euro screw on	/	331.021.593	/
M8 dowel	331.021.498	331.021.598	331.021.698
M10 dowel	331.021.499	331.021.599	331.021.699

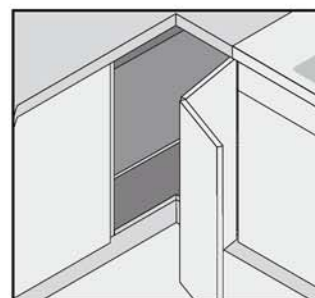
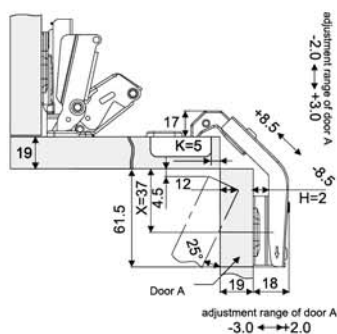
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Optional Mounting Plate

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Optional Hinge Cover

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135° Slide-on hinge



Technical specifications:

- Main material: cold-rolled steel.
- Closing angle: 135°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12.7mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-23mm.

Installation method	Hinge cup (mm)		
	45	48	52
Chipboard screw on	333.022.492	333.022.592	333.022.692
Euro screw on	/	333.022.593	/
M8 dowel	333.022.498	333.022.598	333.022.698
M10 dowel	333.022.499	333.022.599	333.022.699

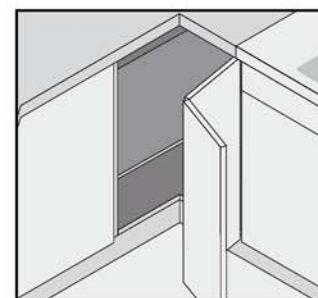
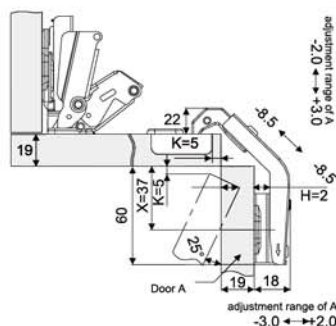
Application of Ø 35mm hinge:

H=Height of hinge base

D=Required overlay on side board

K=Distance between door edge and drilling holes on hinge cup

X=Gap between mounting plate and board



Hinge Cover



With Screw / Dowel For Cup



Mounting Plate



Optional
HD001/ HT001
Optional Hinge Cover
HD001 - Cover arm

392.100.035
HT001 - Cover cup

392.300.011

392.200.011

392.200.013

392.200.012

392.200.021

392.200.023

392.200.022
Optional: With Screw / Dowel For Cup
Wood screw

Euro screw

φ 8 x 12 Dowel

φ 10 x 12 Dowel


Optional Mounting Plate

HS10/ HS10-S/ HS10-R/ HR10/ HS10-R

HS10

Two-hole plate

Installation method	Height (mm)		
	0	3	5
Chipboard screw on	391.210.302	391.210.332	391.210.352
Euro screw on	391.210.303	391.210.333	391.210.353
Double plastic dowel	391.210.307	391.210.337	391.210.357
M8 dowel	391.210.308	391.210.338	391.210.358
M10 dowel	391.210.309	391.210.339	391.210.359

HS10-S

Two-hole plate

Installation method	Height (mm)	
	0	3
Chipboard screw on	391.210.402	391.210.432
Euro screw on	391.210.403	391.210.433

HS10-R

Two-hole plate

Installation method	Height (mm)
	0
Chipboard screw on	391.210.502

HR10

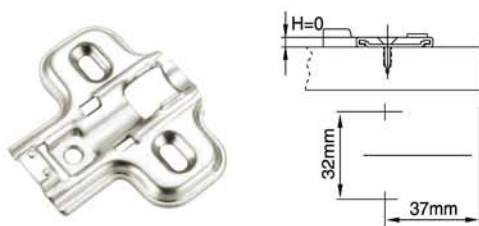
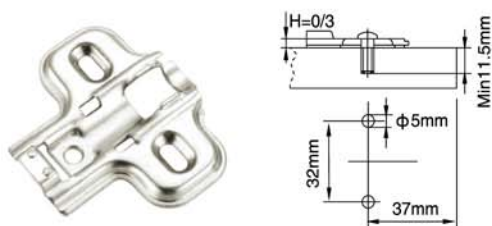
Two-hole plate

Installation method	Height (mm)
	0
Chipboard screw on	391.210.602

HS10-R

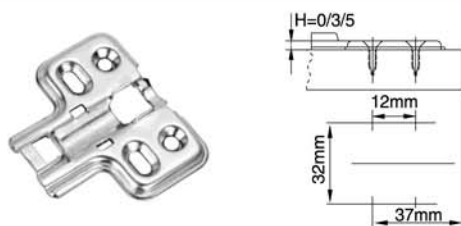
Two-hole plate

Installation method	Height (mm)
	0
Chipboard screw on	391.210.502



Optional Mounting Plate

HS20/ HR20/ HS20R/ HS50



HS20

Four-hole plate

Installation method	Height (mm)		
	0	3	5
Chipboard screw on	391.410.302	391.410.332	391.410.352



HR20

Four-hole plate

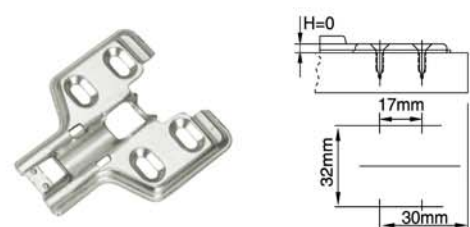
Installation method	Height (mm)	
	0	
Chipboard screw on	391.410.602	



HS20-R

Four-hole plate

Installation method	Height (mm)	
	0	
Chipboard screw on	391.410.502	
Euro screw on	391.410.503	



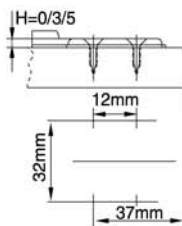
HS50

Four-hole plate

Installation method	Height (mm)	
	0	
Chipboard screw on	391.410.402	

Optional Mounting Plate

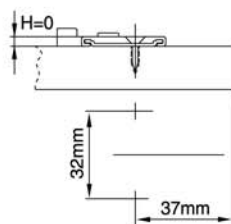
HY03/ HY06/ HY07/ HY08



HY03

Four-hole plate

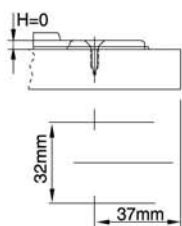
Installation method	Height (mm)
	0
Chipboard screw on	391.210.702
Euro screw on	391.210.703



HY06

Two-hole plate

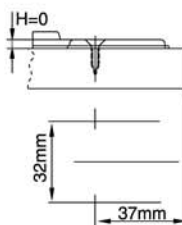
Installation method	Height (mm)
	0
Chipboard screw on	391.210.802
Euro screw on	391.210.803



HY07

Four-hole plate

Installation method	Height (mm)
	0
Chipboard screw on	391.410.702
Euro screw on	391.410.703



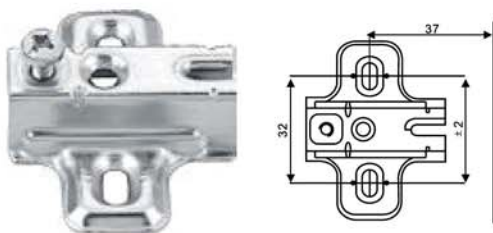
HY08

Four-hole plate

Installation method	Height (mm)
	0
Chipboard screw on	391.410.802
Euro screw on	391.410.803

Optional Mounting Plate

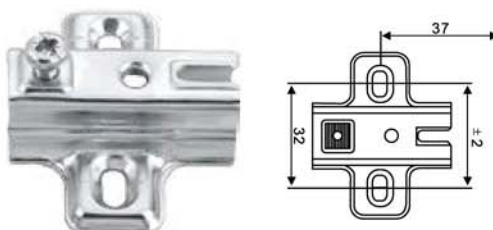
HB01/ HB02/ HB02-S/ HK14/ HK14-S



HB01

Two-hole plate

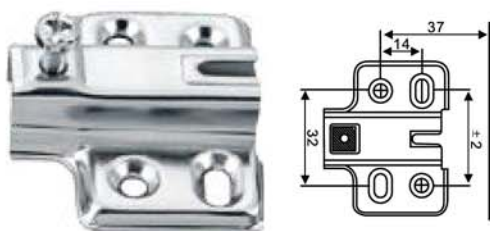
Installation method	Height (mm)	
	4.5	6.5
Chipboard screw on	391.250.342	391.250.362
Euro screw on	391.250.343	391.250.363
Double plastic dowel	391.250.347	391.250.367
M8 dowel	391.250.348	391.250.368
M10 dowel	391.250.349	391.250.369
Expanding plastic dowel	391.250.346	391.250.366



HB02

Two-hole plate

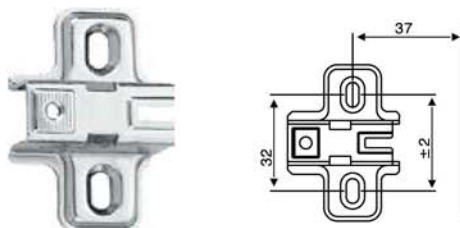
Installation method	Height (mm)		
	0	2	4
Chipboard screw on	391.250.202	391.250.222	391.250.242
Euro screw on	391.250.203	391.250.223	391.250.243
Double plastic dowel	391.250.207	391.250.227	391.250.247
M8 dowel	391.250.208	391.250.228	391.250.248
M10 dowel	391.250.209	391.250.229	391.250.249
Expanding plastic dowel	391.250.206	391.250.226	391.250.246



HB02-S

Four-hole plate

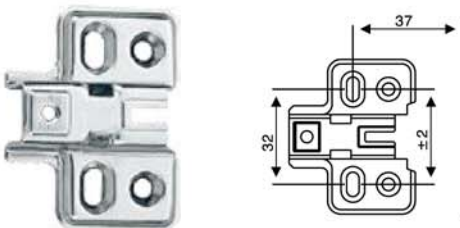
Installation method	Height (mm)		
	0	3	5
Chipboard screw on	391.450.202	391.450.222	391.450.242



HK14

Two-hole plate

Installation method	Height (mm)	
	0	2
Chipboard screw on	391.260.102	391.260.122
Euro screw on	391.260.103	391.260.123
Double plastic dowel	391.260.107	391.260.127
M8 dowel	391.260.108	391.260.128
M10 dowel	391.260.109	391.260.129
Expanding plastic dowel	391.260.106	391.260.126



HK14-S

Four-hole plate

Installation method	Height (mm)	
	0	2
Chipboard screw on	391.460.102	391.460.122

Optional Mounting Plate

HE14/ HE14-S/ HE15 /HE15-S

HE14

Two-hole plate

Installation method	Height (mm)	
	0	2
Chipboard screw on	391.250.202	391.250.222
Euro screw on	391.250.203	391.250.223
Double plastic dowel	391.250.207	391.250.227
M8 dowel	391.250.208	391.250.228
M10 dowel	391.250.209	391.250.229
Expanding plastic dowel	391.250.206	391.250.226

HE14-S

Four-hole plate

Installation method	Height (mm)	
	0	2
Chipboard screw on	391.450.102	391.450.122

HE15

Two-hole plate

Installation method	Height	
	0	2
Chipboard screw on	391.210.102	391.201.122
Euro screw on	391.210.103	391.201.123
Double plastic dowel	391.210.107	391.201.127
M8 dowel	391.210.108	391.201.128
M10 dowel	391.210.109	391.201.129
Expanding plastic dowel	391.210.106	391.201.126

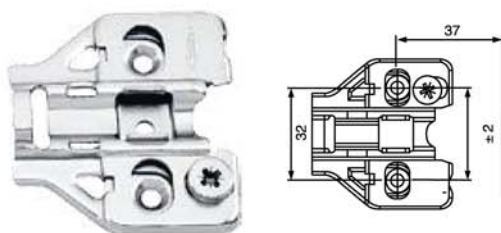
HE15-S

Four-hole plate

Installation method	Height (mm)		
	0	2	4
Chipboard screw on	391.410.102	391.410.122	391.410.142

Optional Mounting Plate

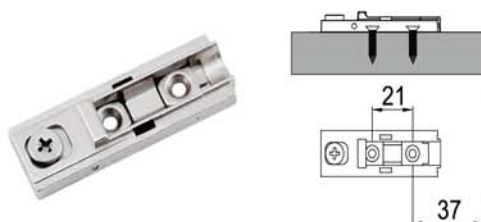
HE16-Y/ HE16-Z/ HK16-Y/ HB23/ HB23S



HE16-Y

Two-hole plate

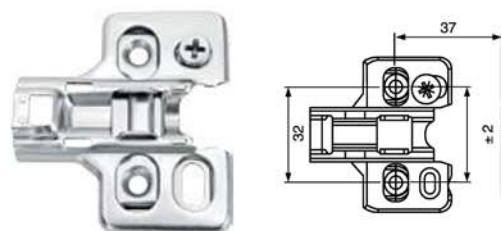
Installation method	Height (mm)	
	0	2
Chipboard screw on	393.210.202	393.210.222
Euro screw on	393.210.203	393.210.223
Double plastic dowel	393.210.207	393.210.227
M8 dowel	393.210.208	393.210.228
M10 dowel	393.210.209	393.210.229
Expanding plastic dowel	393.210.206	393.210.226



HE16-Z

Two-hole plate

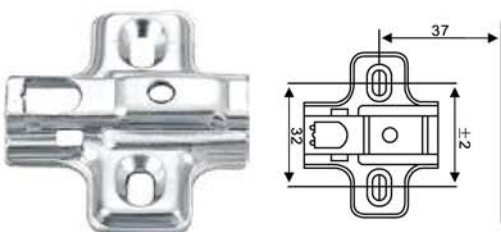
Installation method	Height (mm)	
	2	
Chipboard screw on	393.419.202	
Euro screw on	393.419.203	
Double plastic dowel	393.419.207	
M8 dowel	393.419.208	
M10 dowel	393.419.209	
Expanding plastic dowel	393.419.206	



HK16-Y

Two-hole plate

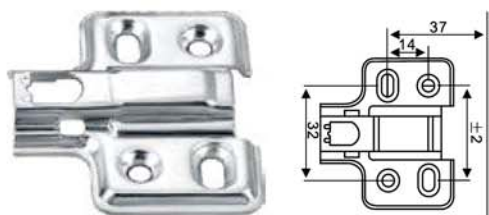
Installation method	Height (mm)	
	0	2
Chipboard screw on	393.210.102	393.210.122
Euro screw on	393.210.103	393.210.123
Double plastic dowel	393.210.107	393.210.127
M8 dowel	393.210.108	393.210.128
M10 dowel	393.210.109	393.210.129
Expanding plastic dowel	393.210.106	393.210.126



HB23

Two-hole plate

Installation method	Height (mm)	
	2	4
Chipboard screw on	391.240.122	391.240.142
Euro screw on	391.240.123	391.240.143
Double plastic dowel	391.240.127	391.240.147
M8 dowel	391.240.128	391.240.148
M10 dowel	391.240.129	391.240.149
Expanding plastic dowel	391.240.126	391.240.146



HB23-S

Four-hole plate

Installation method	Height (mm)	
	2	4
Chipboard screw on	391.440.122	391.440.142

Optional Mounting Plate

HE54/ HB54-S/ HB63/ HB63-S

HB54

Two-hole plate

Installation method	Height (mm)	
	0	2
Chipboard screw on	391.250.102	391.250.122
Euro screw on	391.250.103	391.250.123
Double plastic dowel	391.250.107	391.250.127
M8 dowel	391.250.108	391.250.128
M10 dowel	391.250.109	391.250.129
Expanding plastic dowel	391.250.106	391.250.126

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Four-hole plate

Installation method	Height (mm)	
	0	2
Chipboard screw on	391.450.102	391.450.122

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Two-hole plate

Installation method	Height (mm)		
	0	2	4
Chipboard screw on	391.250.502	391.250.522	391.250.542
Euro screw on	391.250.503	391.250.523	391.250.543
Double plastic dowel	391.250.507	391.250.527	391.250.547
M8 dowel	391.250.508	391.250.528	391.250.548
M10 dowel	391.250.509	391.250.529	391.250.549
Expanding plastic dowel	391.250.506	391.250.526	391.250.546

HB63-S

Four-hole plate

Installation method	Height (mm)		
	0	2	4
Chipboard screw on	391.250.602	391.250.622	391.250.642
Euro screw on	391.250.603	391.250.623	391.250.643
Double plastic dowel	391.250.607	391.250.627	391.250.647
M8 dowel	391.250.608	391.250.628	391.250.648
M10 dowel	391.250.609	391.250.629	391.250.649
Expanding plastic dowel	391.250.606	391.250.626	391.250.646