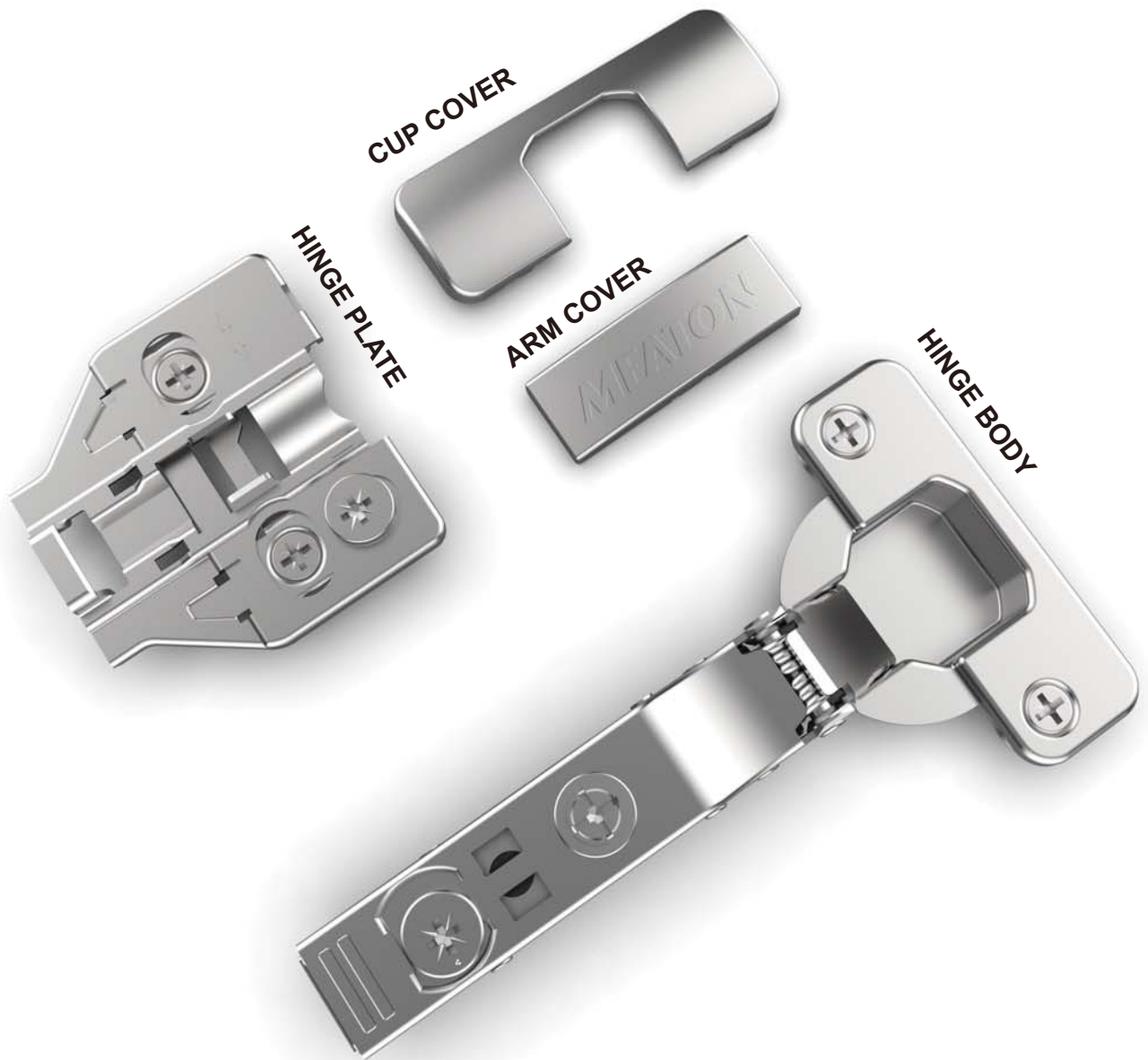
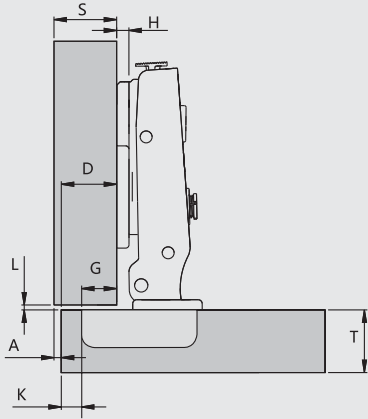


■ Hinge Series



MEATON

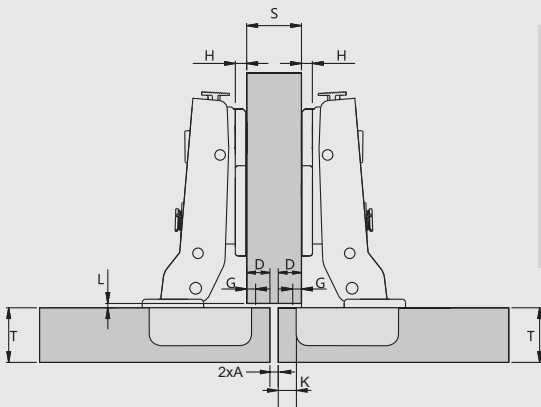
Application with full overlay door



S = Thickness of the cabinet side
 D = Required door overlay
 T = Door thickness
 K = Distance between door drilling holes and door edge
 A = Distance between door panel and side cabinet
 L = Gap between door and panel
 H = Height of the mounting plate
 G = Hinge overlay

For different door panel overlay requirements, you can choose different combinations of hinge arms and hinge base from our product series to meet your demands, avoid the need to stock too many different components.

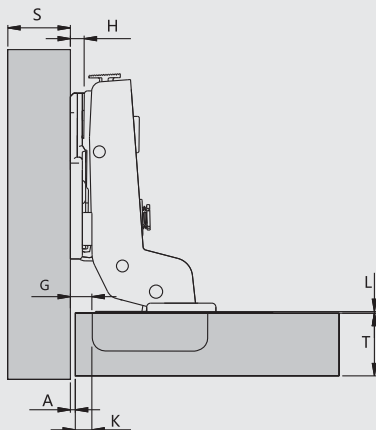
Application with half overlay door



S = Thickness of the cabinet side
 D = Required door overlay
 T = Door thickness
 K = Distance between door drilling holes and door edge
 A = Distance between door panel and side cabinet
 L = Gap between door and panel
 H = Height of the mounting plate
 G = Hinge overlay

For different door panel overlay requirements, you can choose different combinations of hinge arms and hinge base from our product series to meet your demands, avoid the need to stock too many different components.

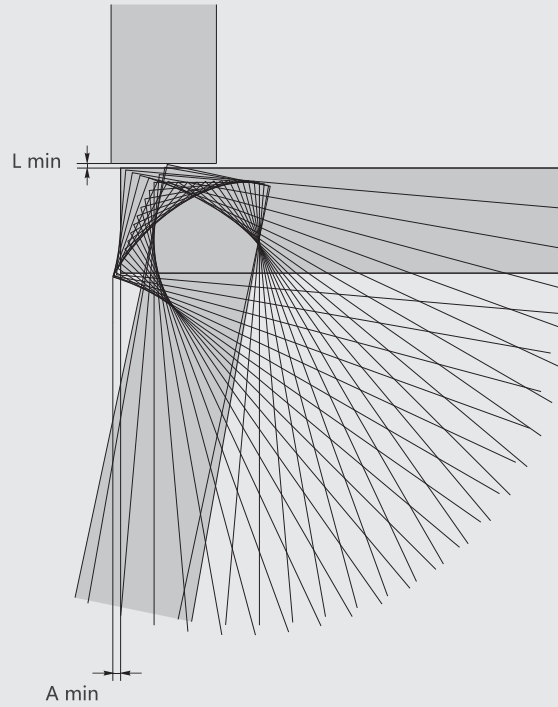
Application with inset door



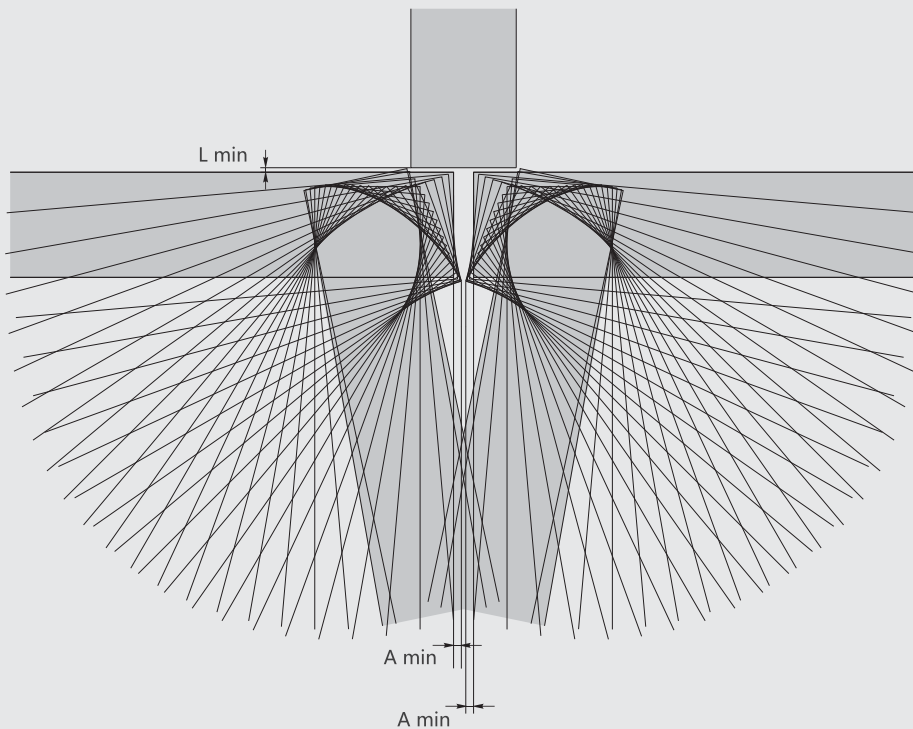
S = Thickness of the cabinet side
 D = Required door overlay
 T = Door thickness
 K = Distance between door drilling holes and door edge
 A = Distance between door panel and side cabinet
 L = Gap between door and panel
 H = Height of the mounting plate
 G = Hinge overlay

For different door panel overlay requirements, you can choose different combinations of hinge arms and hinge base from our product series to meet your demands, avoid the need to stock too many different components.

Simulation of the opening movement of a 105°hinge with full overlay door



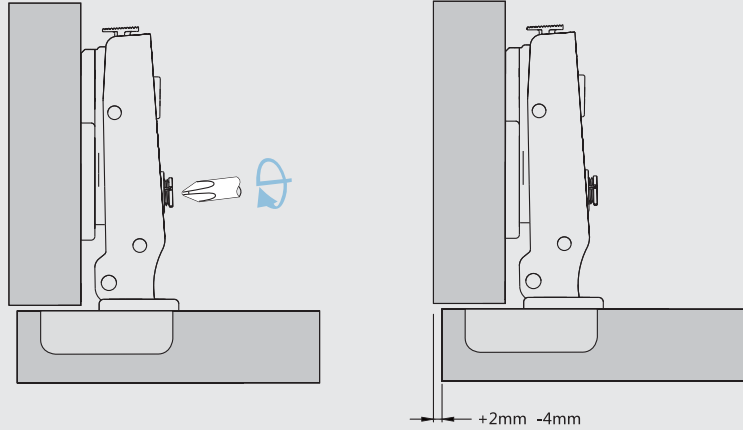
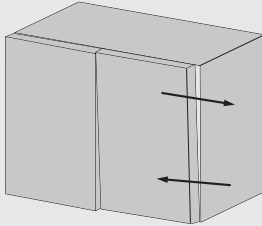
Simulation of the opening movement of a 105°hinge with half overlay door



Design

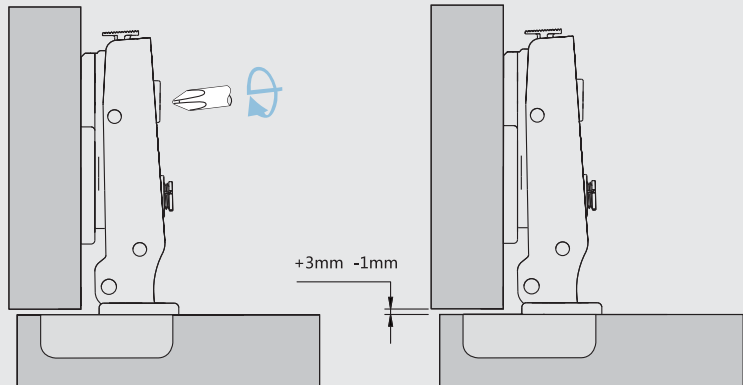
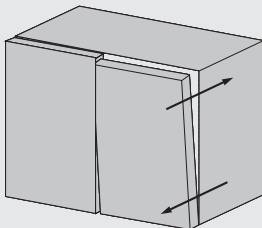
Side adjustment

Side adjustment of the door is made by using the indicated screw.



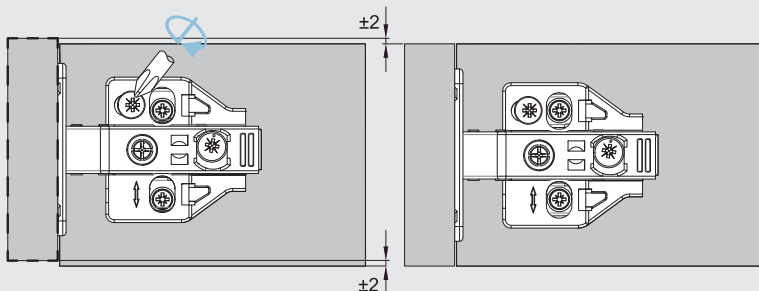
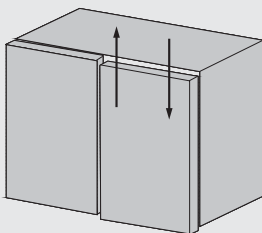
Depth adjustment

Depth adjustment is made without loosening any screw. The door can be moved in or out by rotating the adjustment screw on the hinge arm.

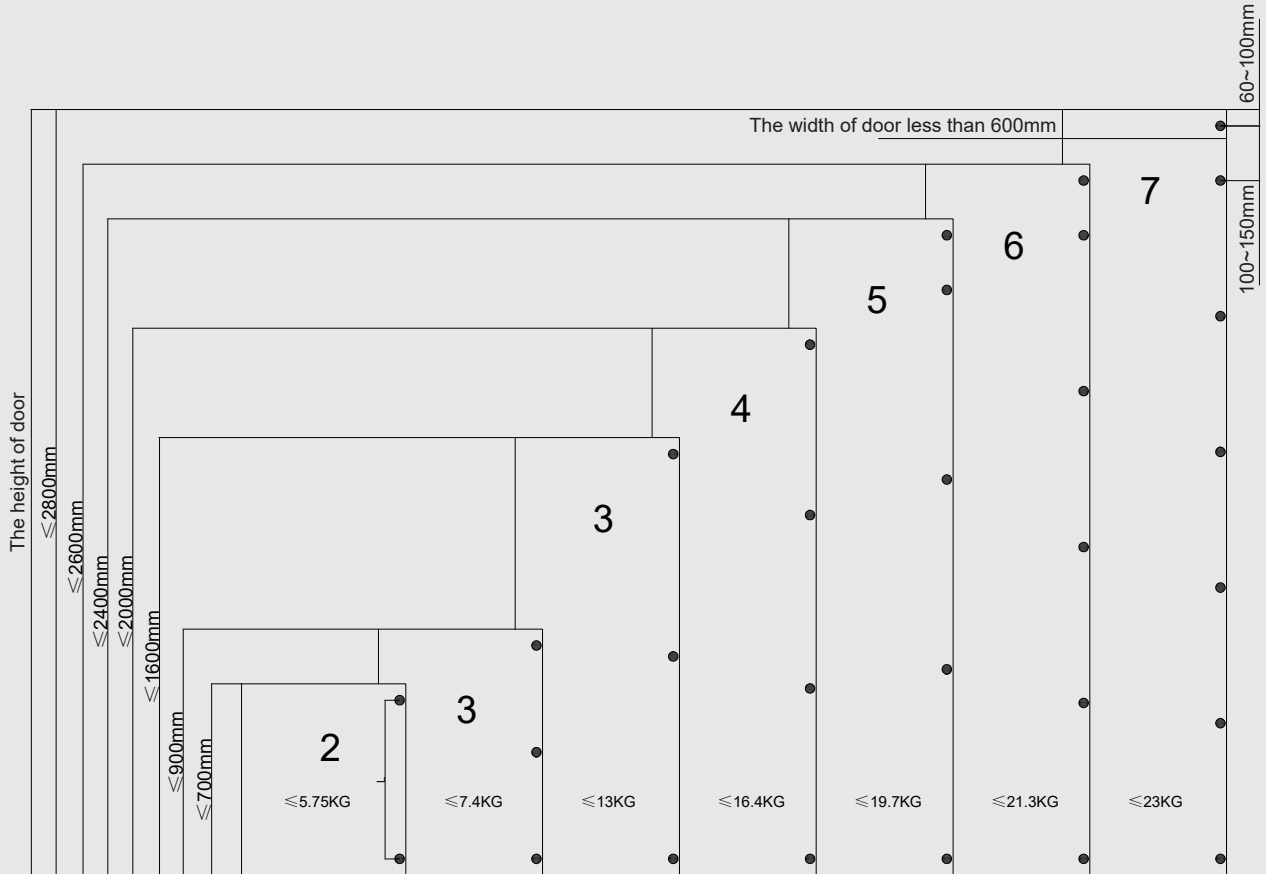


Height adjustment

Height adjustment is made without loosening any screw. The door can be moved up or down by rotating the adjustment screw on the mounting plate.



Schematic diagram of the number of hinges selected for the size of the door



L = Distance between hinges

Hinges needed per door

The number of hinges needed depends on three factors:

Height, Width and Weight of the door. This illustration can be used as a general guide, however a trial is suggested for doors made of heavier materials. Performance is best when distance (L) is as far apart as possible on doors with two hinges. This is especially important for doors that are wider than they are tall to prevent door sag.



MECOMPACT M20 HINGE

HS3380(Two way) / HY3380(One way)
Clip-on hydraulic hinge with CAM adjustment (Small angle)

A.12



HS2380(Two way) / HY2380(One way)
Clip-on hydraulic hinge (Small angle)

A.14



HS0380(Two way) / HY0380(One way)
General-type hydraulic hinge (Small angle)

A.16



HS3100(Two way) / HY3100(One way)
Clip-on hydraulic hinge with CAM adjustment (Small angle)

A.18



HS2100(Two way) / HY2100(One way)
Clip-on hydraulic hinge (Small angle)

A.20



HS0100(Two way) / HY0100(One way)
General-type hydraulic hinge (Small angle)

A.22



SPECIAL ANGLE HINGE

HT3380-45(Two way)
Clip-on hydraulic hinge with CAM adjustment (Small angle)

A.24



HT2380-45(Two way)
Clip-on hydraulic hinge (Small angle)

A.26





HT0380-45(Two way)
General-type hydraulic hinge (Small angle)

A.28



HT3380-90(Two way)
Clip-on hydraulic hinge with CAM adjustment (Small angle)

A.30



HT2380-90(Two way)
Clip-on hydraulic hinge (Small angle)

A.32



HT0380-90(Two way)
General-type hydraulic hinge (Small angle)

A.34



HT3380-165(Two way)
Clip-on hydraulic hinge with CAM adjustment (Small angle)

A.36



HT2380-165(Two way)
Clip-on hydraulic hinge (Small angle)

A.42



HT0380-165(Two way)
General-type hydraulic hinge (Small angle)

A.40





MECOMPACT **M30** HINGE

HS4380(Two way)

Clip-on hydraulic hinge with CAM adjustment for thick door (Small angle)

A.44



HS4100(Two way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)

A.46



HT4380-45(Two way)

Clip-on hydraulic hinge with CAM adjustment for thick door (Small angle)

A48



HT4380-90(Two way)

Clip-on hydraulic hinge with CAM adjustment for thick door (Small angle)

A.50



HT4380-165(Two way)

Clip-on hydraulic hinge with CAM adjustment for thick door (Small angle)

A.52



MECOMPACT **M40** HINGE

HU2380

Clip-on hydraulic Stainless Steel hinge

A.54



HU3380

Clip-on hydraulic Stainless Steel hinge with CAM adjustment










A.55












M

STANDARD HINGE

MEATON

<p>HS3101 105° One way clip-on hydraulic hinge with cam adjustment</p>  <p>A.59</p>	<p>HS2998 105° Clip-on hydraulic hinge</p>  <p>A.59</p>	<p>HS1121 105° General type hydraulic hinge</p>  <p>A.59</p>
<p>HG1102 115° Slide-on one way hinge</p>  <p>A.60</p>	<p>HG1201 110° Slide-on two way hinge</p>  <p>A.60</p>	<p>HG1201-Mini 110° Slide-on two way hinge</p>  <p>A.60</p>
<p>HG1203 110° Slide-on one way hinge</p>  <p>A.61</p>	<p>HG1203-Mini 110° Slide-on one way hinge</p>  <p>A.61</p>	<p>HG1261 Slide-on mini hinge</p>  <p>A.61</p>
<p>HG1262 95° Slide-on mini hinge</p>  <p>A.62</p>		

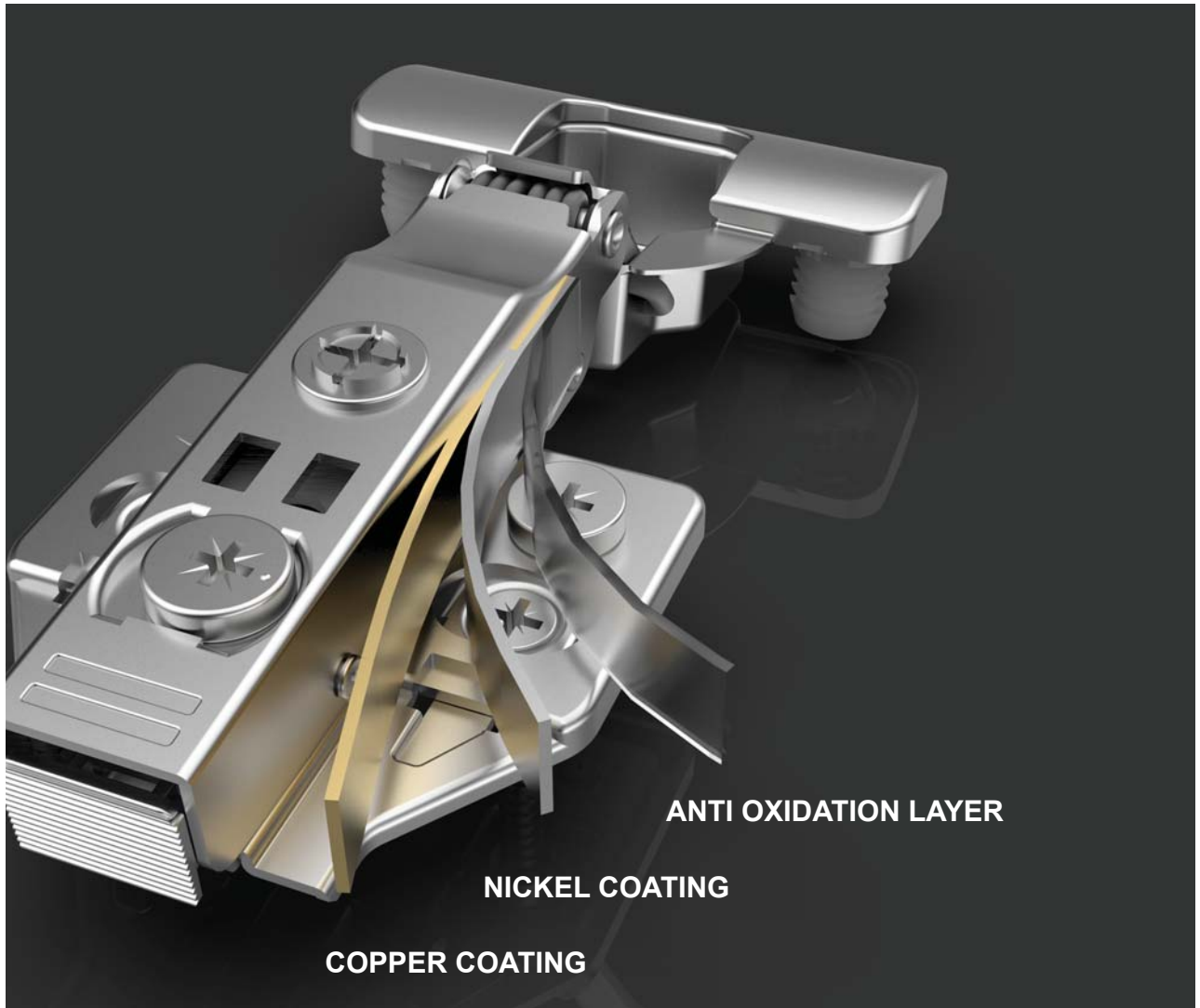
SPECIAL ANGLE HINGE

<p>HG1165 165° Slide-on hinge</p>  <p>A.63</p>	<p>HS0165 165° General type hydraulic hinge</p>  <p>A.63</p>	<p>HS2165 165° Clip-on hydraulic hinge</p>  <p>A.63</p>
<p>HG1301 30° Slide-on hinge</p>  <p>A.64</p>	<p>HS2301 30° Clip-on hydraulic hinge</p>  <p>A.64</p>	<p>HG1451 45° Slide-on hinge</p>  <p>A.64</p>
<p>HS1451 45° Slide-on hydraulic hinge</p>  <p>A.65</p>	<p>HS2451 45° Clip-on hydraulic hinge</p>  <p>A.65</p>	<p>HS1901 90° Slide-on hydraulic hinge</p>  <p>A.65</p>
<p>HG1901 90° Slide-on hydraulic hinge</p>  <p>A.66</p>	<p>HS2901 90° Clip-on hydraulic hinge</p>  <p>A.66</p>	<p>HG1151 115° Slide-on hinge</p>  <p>A.66</p>

**ARBITRARY
HOVER**

50°-105°





ANTI OXIDATION LAYER

NICKEL COATING

COPPER COATING

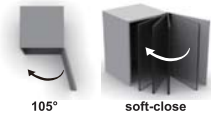
**MECOMPACT
HINGE**

MEATON

MECOMPACT M20 HINGE

HS3380(Two way) / **HY3380**(One way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

Hinge Series



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: 14-22mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

A - Overlay		B - Half overlay		C - Inset	
Hydraulic	HS3380A/HY3380A	Hydraulic	HS3380B/HY3380B	Hydraulic	HS3380C/HY3380C
Without Hydraulic	HS3380D/HY3380D	Without Hydraulic	HS3380E/HY3380E	Without Hydraulic	HS3380I/HY3380I
Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)
	15 16 17 18 19 20 21		5 6 7 8 9 10 11		-2.5 -1.5 -0.5 0.5 1.5 2.5 3.5
3	2 0	3	2 0	3	0 0 2
4	2 0	4	2 0	4	0 2
5	2 0	5	2 0	5	0 2
6	2 0	6	2 0	6	0 2
7	2 0	7	2 0	7	0 2
Mounting plate height H (mm)		Mounting plate height H (mm)		Mounting plate height H (mm)	

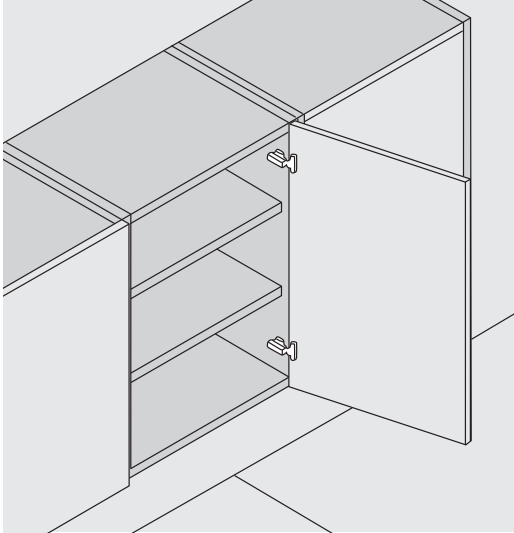
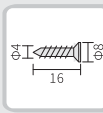

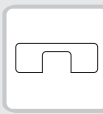
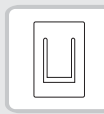
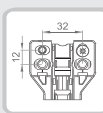
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

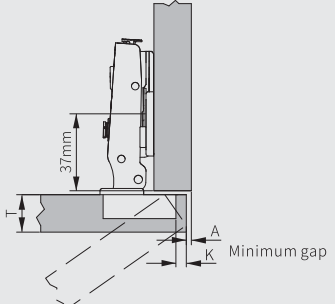
Drilling For Cup

HS3350/HY3350	45 pitch-row	HS3380/HY3380	48 pitch-row	HS3320/HY3320	52 pitch-row

Clip-on hydraulic hinge with CAM adjustment (Small angle)

Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>MEATON Arm cover</p>
	 <p>Cup cover</p>	 <p>Angle Restrictor</p>
	<p>The accessory information parameters are on page A.42</p>	
	 <p>Optional: Mounting Plate</p>	<p>The accessory information parameters are on page A.43</p>

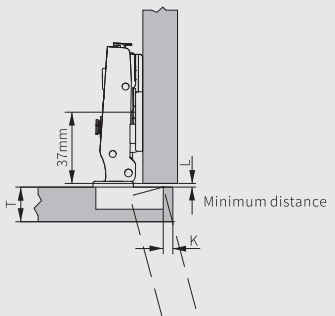
Minimum Gap Required To Door Opening



Minimum gap

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

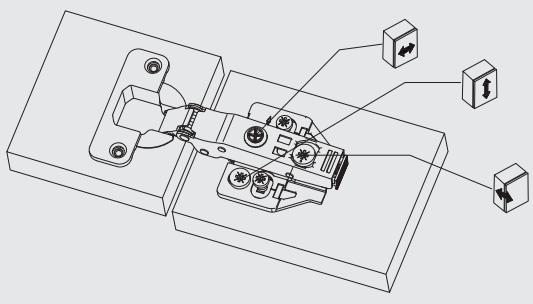
T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet






Minimum distance

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

		
Up and down adjustment ± 2mm	Cover plate adjustment +5.5 (± 0.5)mm	Door seam adjustment ± 2mm

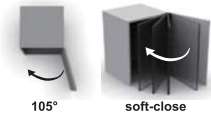
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 HINGE

HS2380(Two way) / **HY2380**(One way)

Clip-on hydraulic hinge (Small angle)



A

Hinge Series



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: 14-22mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

A - Overlay		B - Half overlay		C - Inset	
Hydraulic	HS2380A/HY2380A	Hydraulic	HS2380B/HY2380B	Hydraulic	HS2380C/HY2380C
Without Hydraulic	HS2380D/HY2380D	Without Hydraulic	HS2380E/HY2380E	Without Hydraulic	HS2380I/HY2380I
Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)
	15 16 17 18 19 20 21		5 6 7 8 9 10 11		-2.5 -1.5 -0.5 0.5 1.5 2.5 3.5
3	2 0	3	2 0	3	0 0 2
4	2 0	4	2 0	4	0 2
5	2 0	5	2 0	5	0 2
6	2 0	6	2 0	6	0 2
7	2 0	7	2 0	7	0 2
Mounting plate height H (mm)		Mounting plate height H (mm)		Mounting plate height H (mm)	

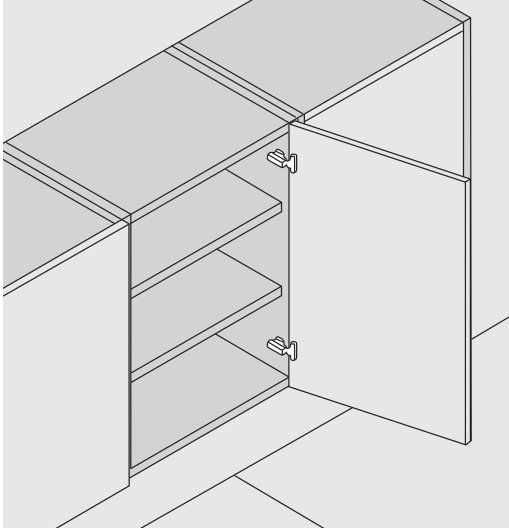
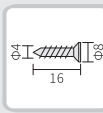

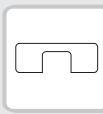
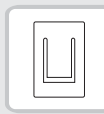
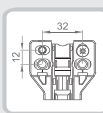
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

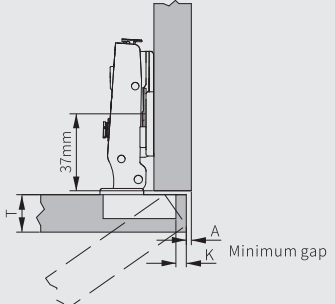
Drilling For Cup

HS2350/HY2350	45 pitch-row	HS2380/HY2380	48 pitch-row	HS2320/HY2320	52 pitch-row

Clip-on hydraulic hinge (Small angle)

Application	Accessories
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 5px; width: 45%;">  <p>Optional: With Screw / Dowel For Cup</p> </div> <div style="border: 1px solid #ccc; padding: 5px; width: 45%;">  <p>Arm cover</p> </div> </div>
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 5px; width: 45%;">  <p>Cup cover</p> </div> <div style="border: 1px solid #ccc; padding: 5px; width: 45%;">  <p>Angle Restrictor</p> </div> </div> <p style="text-align: right; font-size: small;">The accessory information parameters are on page A.42</p>
	<div style="border: 1px solid #ccc; padding: 5px; width: 100%;">  <p>Optional: Mounting Plate</p> <p style="text-align: right; font-size: small;">The accessory information parameters are on page A.43</p> </div>

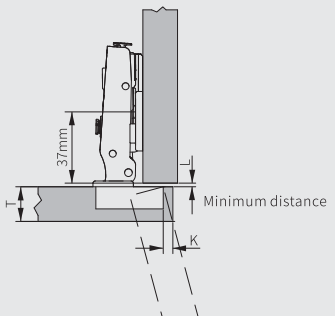
Minimum Gap Required To Door Opening



Minimum gap

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

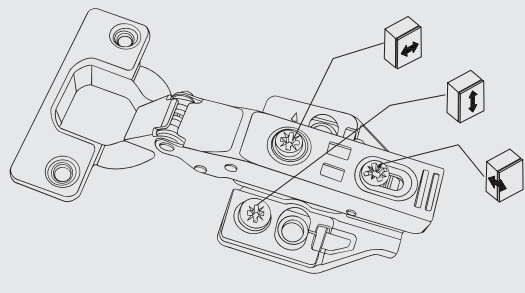
T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet




Minimum distance

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5


T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet




Adjustment Range



Up and down adjustment
± 2mm



Cover plate adjustment
+5.5 (± 0.5)mm



Door seam adjustment
± 3mm

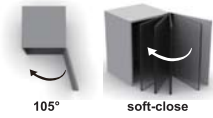
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 HINGE

HS0380(Two way) / **HY0380**(One way)

General-type hydraulic hinge (Small angle)



A

Hinge Series



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: 14-22mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

A - Overlay		B - Half overlay		C - Inset	
Hydraulic	HS0380A/HY0380A	Hydraulic	HS0380B/HY0380B	Hydraulic	HS0380C/HY0380C
Without Hydraulic	HS0380D/HY0380D	Without Hydraulic	HS0380E/HY0380E	Without Hydraulic	HS0380I/HY0380I
Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)
	15 16 17 18 19 20 21		5 6 7 8 9 10 11		-2.5 -1.5 -0.5 0.5 1.5 2.5 3.5
3	2 0	3	2 0	3	0 0 2
4	2 0	4	2 0	4	0 2
5	2 0	5	2 0	5	0 2
6	2 0	6	2 0	6	0 2
7	2 0	7	2 0	7	0 2
Mounting plate height H (mm)		Mounting plate height H (mm)		Mounting plate height H (mm)	

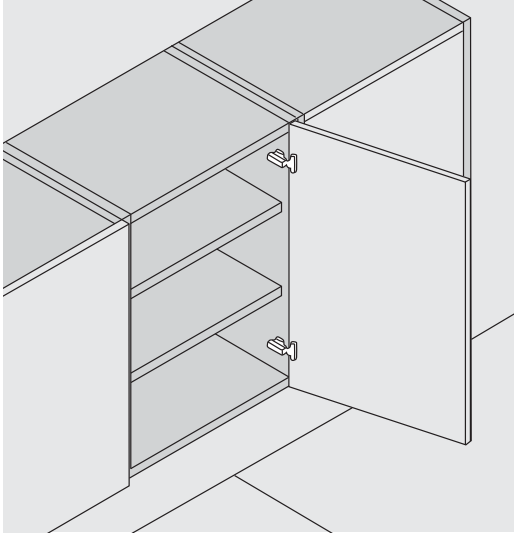
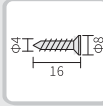

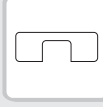
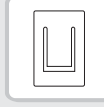
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

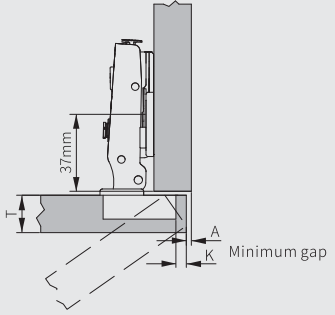
Drilling For Cup

HS0350/HY0350	45 pitch-row	HS0380/HY0380	48 pitch-row	HS0320/HY0320	52 pitch-row

General-type hydraulic hinge (Small angle)

Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>MEATON Arm cover</p>
	 <p>Cup cover</p>	 <p>Angle Restrictor</p>
	The accessory information parameters are on page A.42	

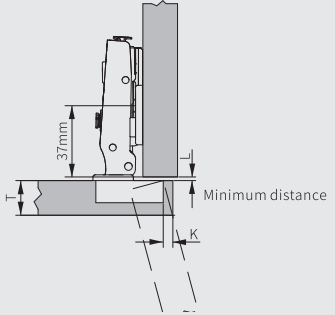
Minimum Gap Required To Door Opening



Minimum gap

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

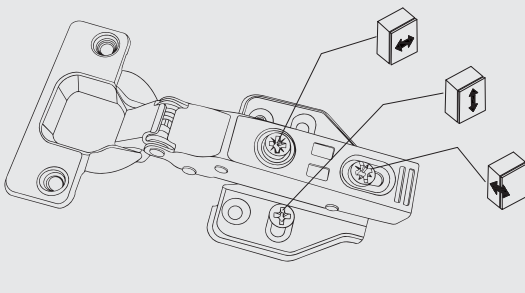
T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet






Minimum distance

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

 <p>Up and down adjustment ± 2mm</p>	 <p>Cover plate adjustment +5.5 (± 0.5)mm</p>	 <p>Door seam adjustment ± 3mm</p>
---	--	---

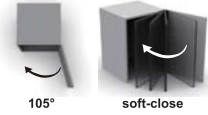
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 HINGE

HS3100(Two way) / **HY3100**(One way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

Hinge Series



Technical specifications:

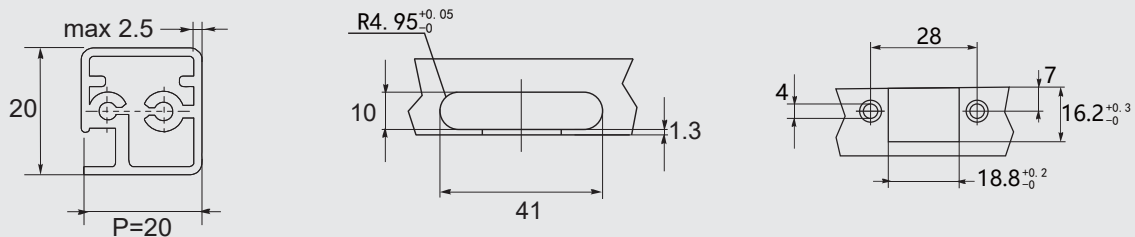
- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 28mm.
- Door thickness: 19-23mm.
- Concealed hydraulic hinge, clip-on

A - Overlay		B - Half overlay		C - Inset	
$H = -2 + P - (D)$		$H = -11 + P - (D)$		$H = -20 + P + (A)$	
Hydraulic	HS3100A/HY3100A	Hydraulic	HS3100B/HY3100B	Hydraulic	HS3100C/HY3100C
Without Hydraulic	HS3100D/HY3100D	Without Hydraulic	HS3100E/HY3100E	Without Hydraulic	HS3100I/HY3100I
Aluminum Profile Width P(mm)	Front overlay D (mm)	Aluminum Profile Width P(mm)	Front overlay D (mm)	Aluminum Profile Width P(mm)	Front overlay D (mm)
19	4 2 0	19	4 2 0	19	0 2 4
20	4 2 0	20	4 2 0	20	0 2 4
21	4 2 0	21	4 2 0	21	0 2 4
22	4 2 0	22	4 2 0	22	0 2 4
23	4 2 0	23	4 2 0	23	0 2 2
Mounting plate height H (mm)		Mounting plate height H (mm)		Mounting plate height H (mm)	

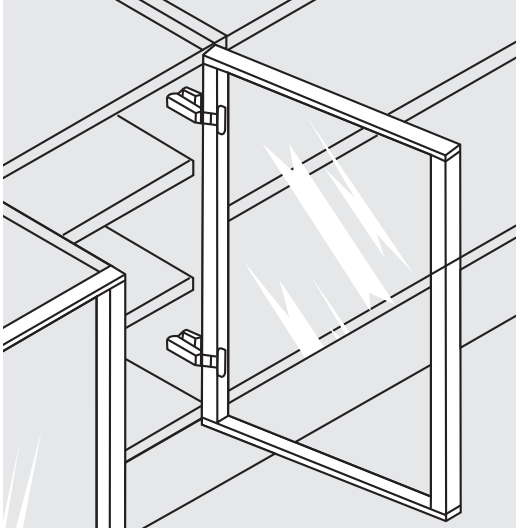


Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 A=Gap between door and side board
 P=Aluminum Profile Width

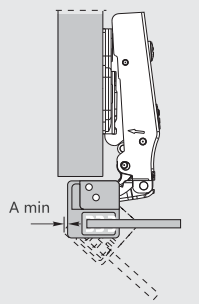
Drilling Size



Clip-on hydraulic hinge with CAM adjustment (Small angle)

Application	Screw Accessories
	 <p>Arm cover</p> <p>The accessory information parameters are on page A.42</p>
	 <p>Optional: Mounting Plate</p> <p>The accessory information parameters are on page A.43</p>

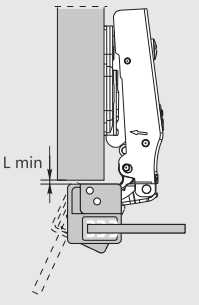
Minimum Gap Required To Door Opening



A min

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

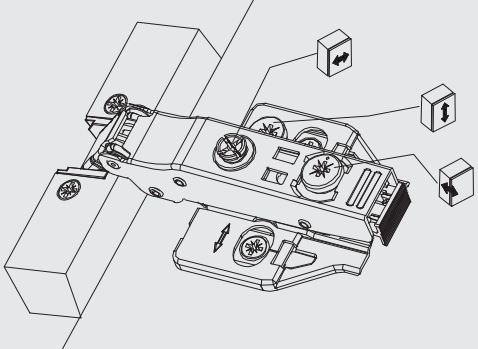
T=doorthickness
K=Distance between door drilling holes and dooredge
A=Distance between door panel and side cabinet



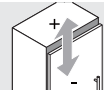
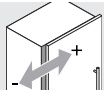
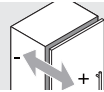
L min

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holes and dooredge
A=Distance between door panel and side cabinet



Adjustment Range

		
Up and down adjustment ± 2mm	Cover plate adjustment +5.5 (± 0.5)mm	Door seam adjustment ± 2mm

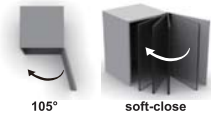
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 HINGE

HS2100(Two way) / HY2100(One way)

Clip-on hydraulic hinge (Small angle)



A

Hinge Series

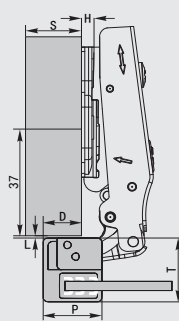


Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 28mm.
- Door thickness: 19-23mm.
- Concealed hydraulic hinge, clip-on

A - Overlay

$$H = -2 + P - (D)$$



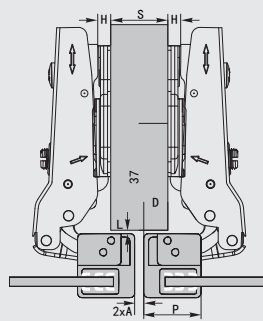
Hydraulic	HS2100A/HY2100A
Without Hydraulic	HS2100D/HY2100D

Aluminum Profile Width P(mm)	Front overlay D (mm)										
	13	14	15	16	17	18	19	20	21		
19	4	2	0								
20		4	2	0							
21			4	2	0						
22				4	2	0					
23					4	2	0				

Mounting plate height H (mm)

B - Half overlay

$$H = -11 + P - (D)$$



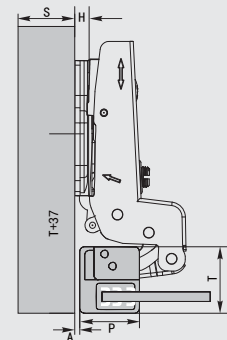
Hydraulic	HS2100B/HY2100B
Without Hydraulic	HS2100E/HY2100E

Aluminum Profile Width P(mm)	Front overlay D (mm)											
	4	5	6	7	8	9	10	11	12			
19	4	2	0									
20		4	2	0								
21			4	2	0							
22				4	2	0						
23					4	2	0					

Mounting plate height H (mm)

C - Inset

$$H = -20 + P + (A)$$



Hydraulic	HS2100C/HY2100C
Without Hydraulic	HS2100I/HY2100I

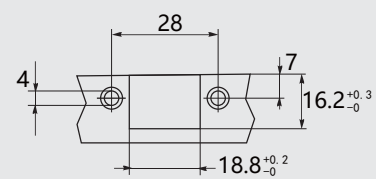
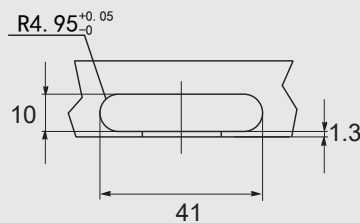
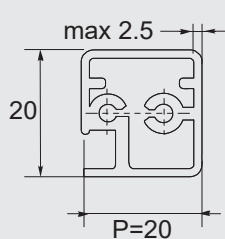
Aluminum Profile Width P(mm)	Front overlay D (mm)										
	-3	-2	-1	0	1	2	3	4	5		
19				0	2	4					
20			0	2	4						
21			0	2	4						
22		0	2	4							
23	0	2	4								

Mounting plate height H (mm)

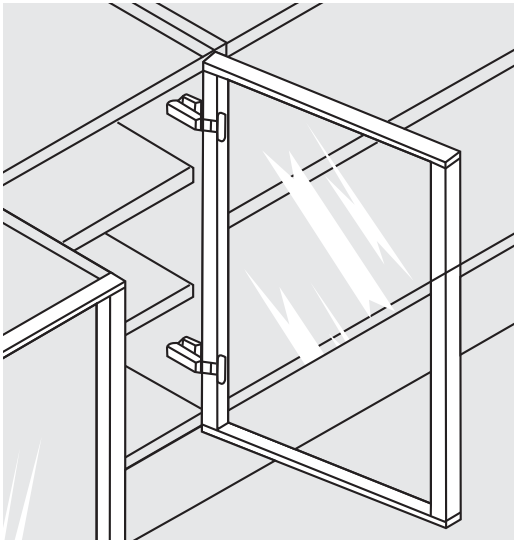


Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 A=Gap between door and side board
 P=Aluminum Profile Width

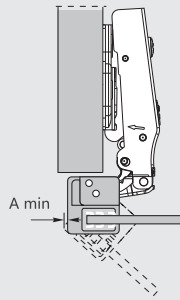
Drilling Size



Clip-on hydraulic hinge (Small angle)

Application	Screw Accessories
	 <p>Arm cover</p> <p>The accessory information parameters are on page A.42</p>
	 <p>Optional: Mounting Plate</p> <p>The accessory information parameters are on page A.43</p>

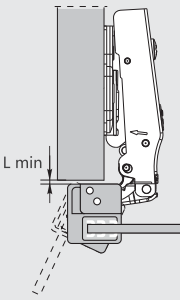
Minimum Gap Required To Door Opening



A min

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

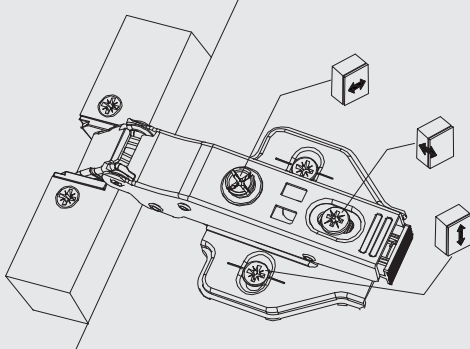
T=doorthickness
K=Distance between door drilling holes and dooredge
A=Distance between door panel and side cabinet






L min

K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holes and dooredge
A=Distance between door panel and side cabinet



Adjustment Range

		
Up and down adjustment ± 2mm	Cover plate adjustment +5.5 (± 0.5)mm	Door seam adjustment ± 3mm

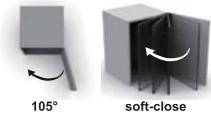
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 HINGE

HS0100(Two way) / HY0100(One way)

General-type hydraulic hinge (Small angle)



A

Hinge Series

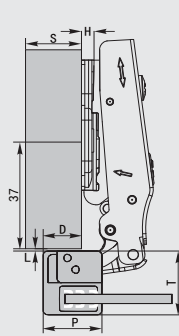


Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 105°.
- Dia. of hinge cup: 28mm.
- Door thickness: 19-23mm.
- Concealed hydraulic hinge, clip-on

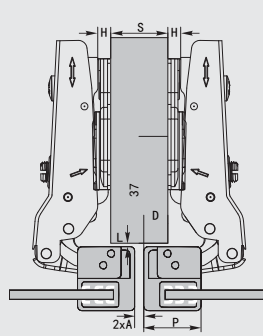
A - Overlay

$$H = -2 + P - (D)$$



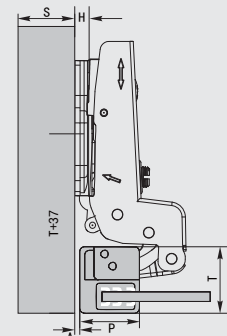
B - Half overlay

$$H = -11 + P - (D)$$



C - Inset

$$H = -20 + P + (A)$$



Hydraulic	HS0100A/HY0100A
Without Hydraulic	HS0100D/HY0100D

Hydraulic	HS0100B/HY0100B
Without Hydraulic	HS0100E/HY0100E

Hydraulic	HS0100C/HY0100C
Without Hydraulic	HS0100I/HY0100I

Aluminum Profile Width P(mm)	Front overlay D (mm)									
	13	14	15	16	17	18	19	20	21	
19	4	2	0							
20		4	2	0						
21			4	2	0					
22				4	2	0				
23					4	2	0			

Mounting plate height H (mm)

Aluminum Profile Width P(mm)	Front overlay D (mm)									
	4	5	6	7	8	9	10	11	12	
19	4	2	0							
20		4	2	0						
21			4	2	0					
22				4	2	0				
23					4	2	0			

Mounting plate height H (mm)

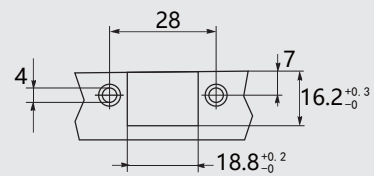
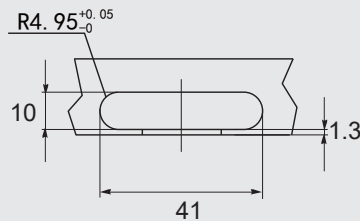
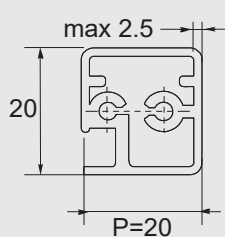
Aluminum Profile Width P(mm)	Front overlay D (mm)									
	-3	-2	-1	0	1	2	3	4	5	
19				0	2	4				
20			0	2	4					
21		0	2	4						
22	0	0	2	4						
23	0	2	2							

Mounting plate height H (mm)

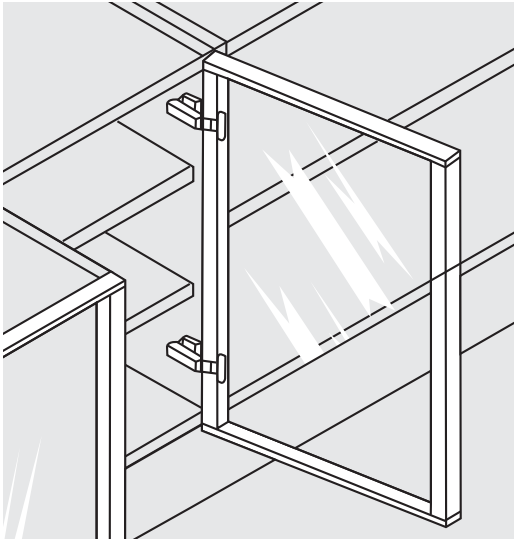

Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 A=Gap between door and side board
 P=Aluminum Profile Width

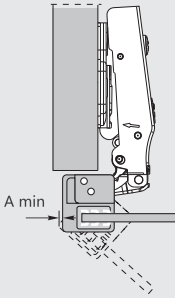
Drilling Size



General-type hydraulic hinge (Small angle)

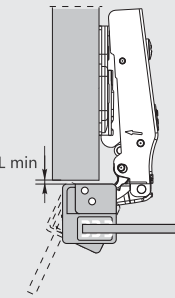
Application	Screw Accessories
	 <p>The accessory information parameters are on page A.42</p>

Minimum Gap Required To Door Opening



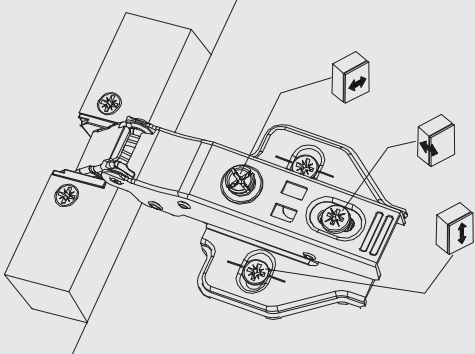
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet






K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

		
Up and down adjustment ± 2mm	Cover plate adjustment +5.5 (± 0.5)mm	Door seam adjustment ± 3mm

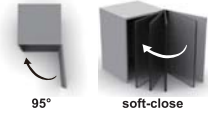
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT3380-45(Two way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

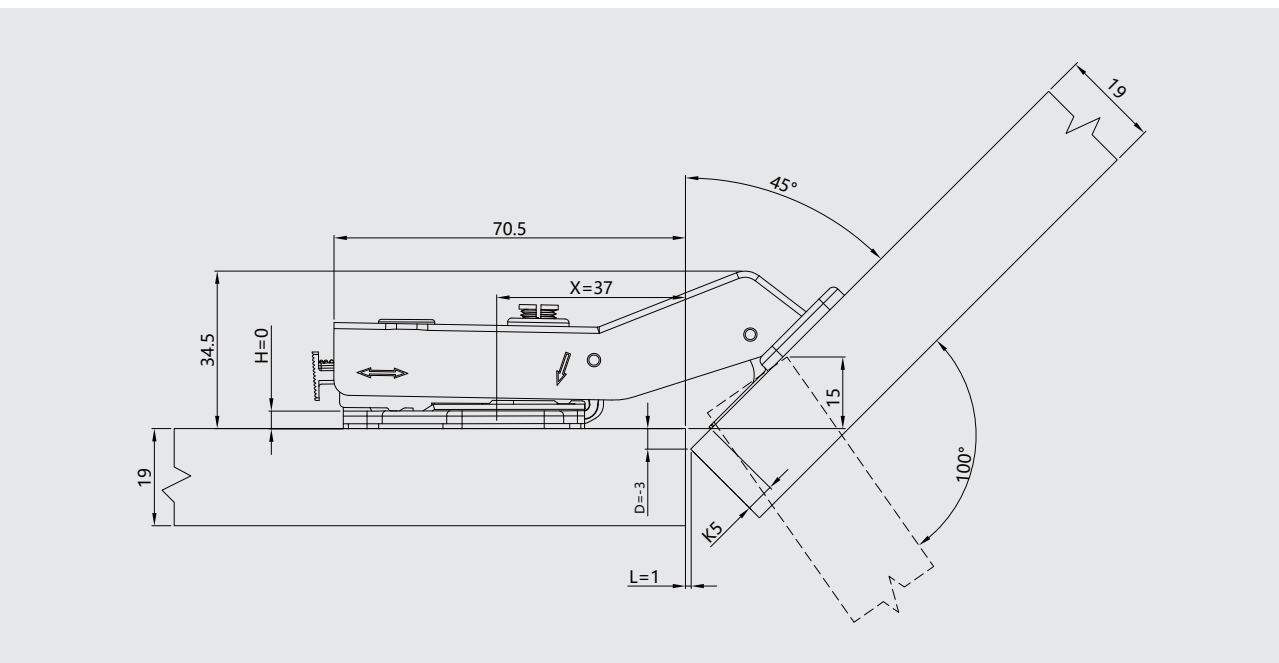
Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Closing angle: 45°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-20mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

45°- Hinge



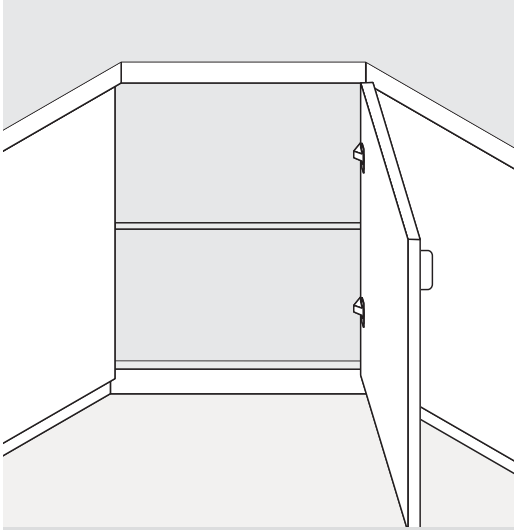
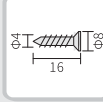

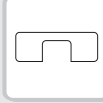
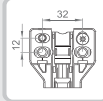
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

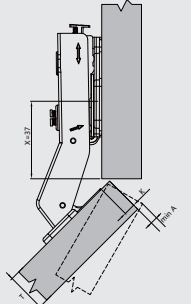
Drilling For Cup

HT3350-45	45 pitch-row	HT3380-45	48 pitch-row	HT3320-45	52 pitch-row

Clip-on hydraulic hinge with CAM adjustment (Small angle)

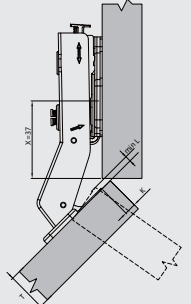
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	
	The accessory information parameters are on page A.42	
	 <p>Optional: Mounting Plate</p>	
	The accessory information parameters are on page A.43	

Minimum Gap Required To Door Opening



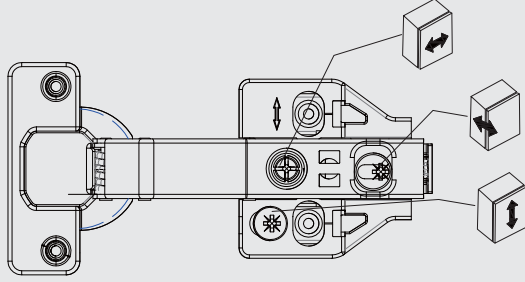
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet

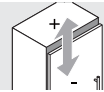
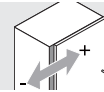
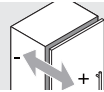


K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

 <p>Up and down adjustment ± 2mm</p>	 <p>Cover plate adjustment +3/ -3mm</p>	 <p>Door seam adjustment -1/ +3mm</p>
---	--	--

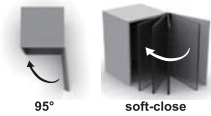
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT2380-45(Two way)

Clip-on hydraulic hinge (Small angle)



A

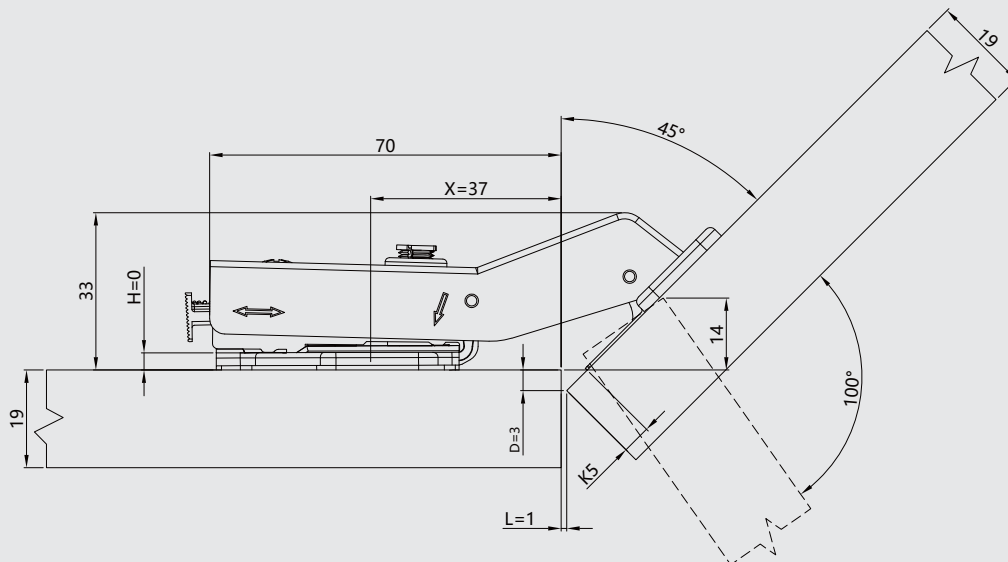
Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Closing angle: 45°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-20mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

45°- Hinge



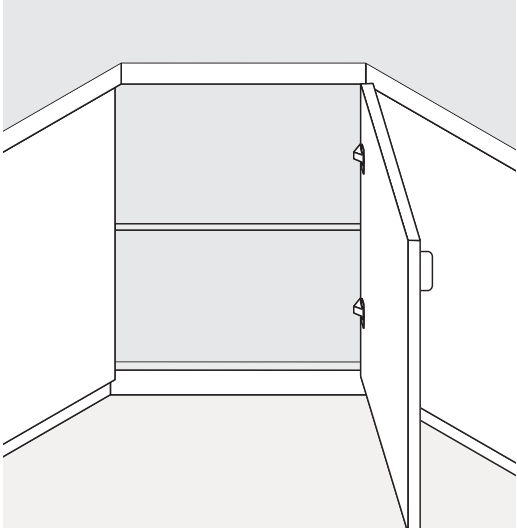
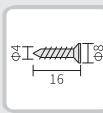

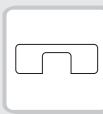
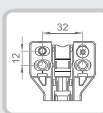
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

Drilling For Cup

HT2350-45	45 pitch-row	HT2380-45	48 pitch-row	HT2320-45	52 pitch-row

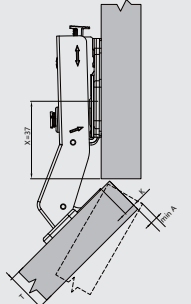
Clip-on hydraulic hinge (Small angle)

Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>MEATON Arm cover</p>
	 <p>Cup cover</p>	
	 <p>Optional: Mounting Plate</p>	

The accessory information parameters are on page [A.42](#)

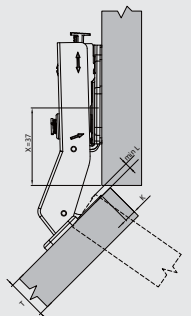
The accessory information parameters are on page [A.43](#)

Minimum Gap Required To Door Opening



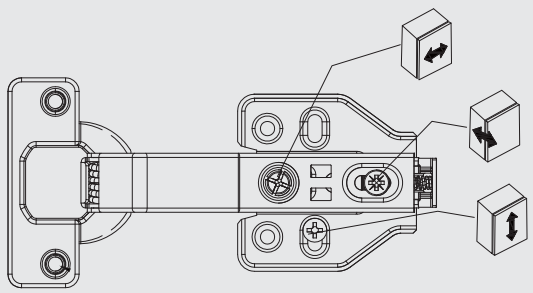
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet

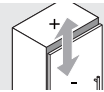
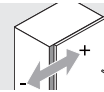
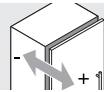


K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

 <p>Up and down adjustment ±2mm</p>	 <p>Cover plate adjustment +3/ -4mm</p>	 <p>Door seam adjustment +5/ -2mm</p>
--	--	--

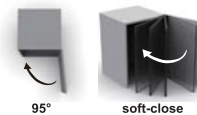
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT0380-45(Two way)

General-type hydraulic hinge (Small angle)



A

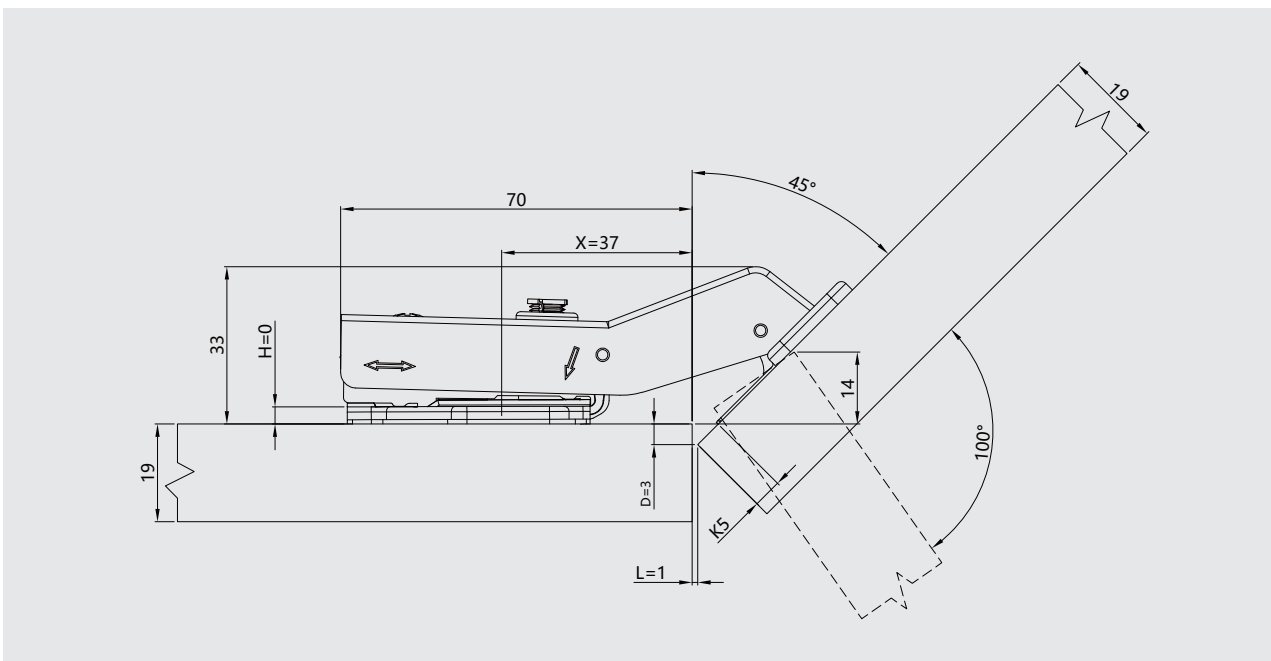
Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Closing angle: 45°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-20mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

45° - Hinge



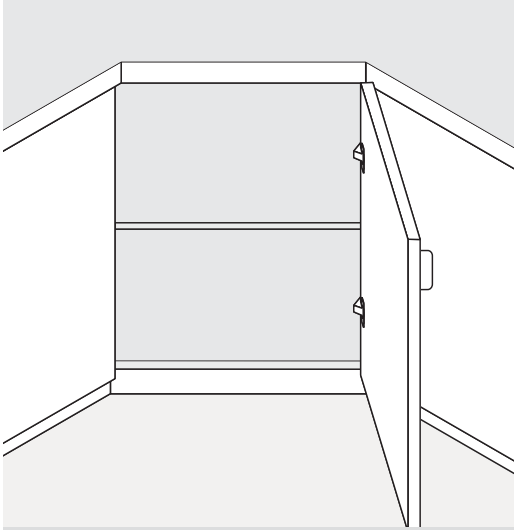


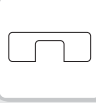
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

Drilling For Cup

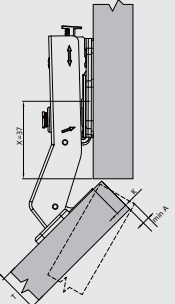
HT0350-45	45 pitch-row	HT0380-45	48 pitch-row	HT0320-45	52 pitch-row

General-type hydraulic hinge (Small angle)

Application	Screw Accessories
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid gray; padding: 5px; width: 45%;">  <p>Optional: With Screw / Dowel For Cup</p> </div> <div style="border: 1px solid gray; padding: 5px; width: 45%;">  <p>Arm cover</p> </div> </div> <div style="border: 1px solid gray; padding: 5px; width: 45%; margin-top: 10px;">  <p>Cup cover</p> </div>

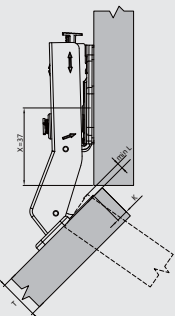
The accessory information parameters are on page [A.42](#)

Minimum Gap Required To Door Opening



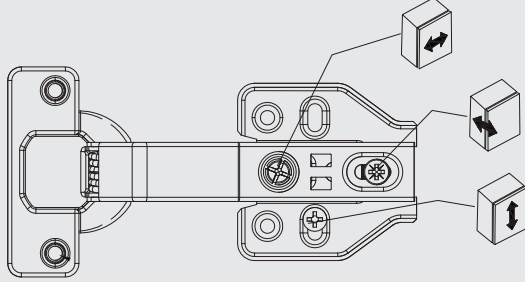
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet




K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5


T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet




Adjustment Range



Up and down adjustment
±2mm



Cover plate adjustment
+3/ -4mm



Door seam adjustment
+5/ -2mm

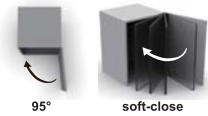
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT3380-90(Two way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

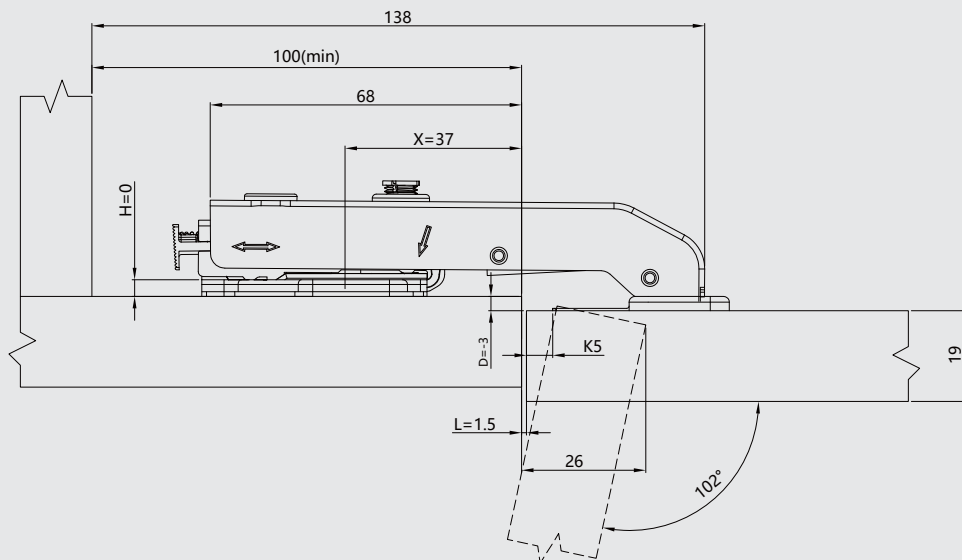
Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Closing angle: 90°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-20mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

90°- Hinge



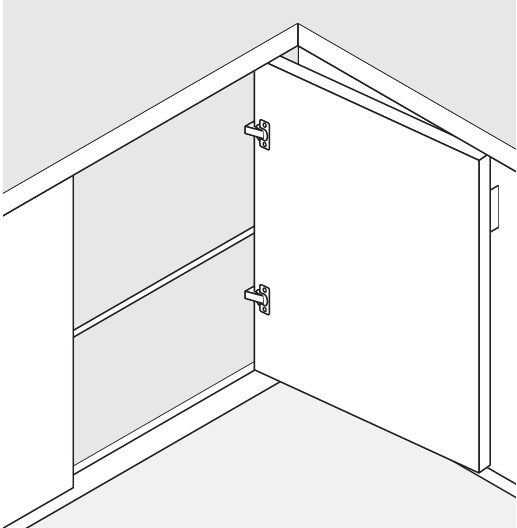


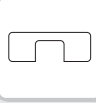
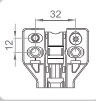
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

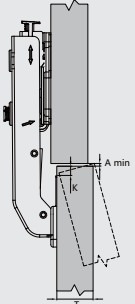
Drilling For Cup

HT3350-90	45 pitch-row	HT3380-90	48 pitch-row	HT3320-90	52 pitch-row

Clip-on hydraulic hinge with CAM adjustment (Small angle)

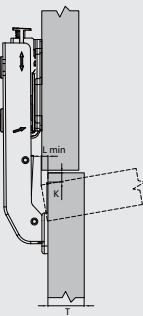
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	
	The accessory information parameters are on page A.42	
	 <p>Optional: Mounting Plate</p>	
	The accessory information parameters are on page A.43	

Minimum Gap Required To Door Opening



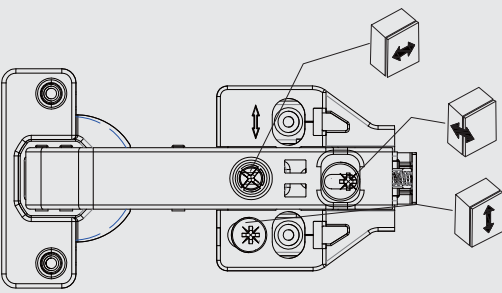
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet






K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

 <p>Up and down adjustment ±2mm</p>	 <p>Cover plate adjustment +3/ -3mm</p>	 <p>Door seam adjustment +2/ -2mm</p>
--	--	--

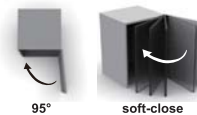
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT2380-90(Two way)

Clip-on hydraulic hinge (Small angle)



A

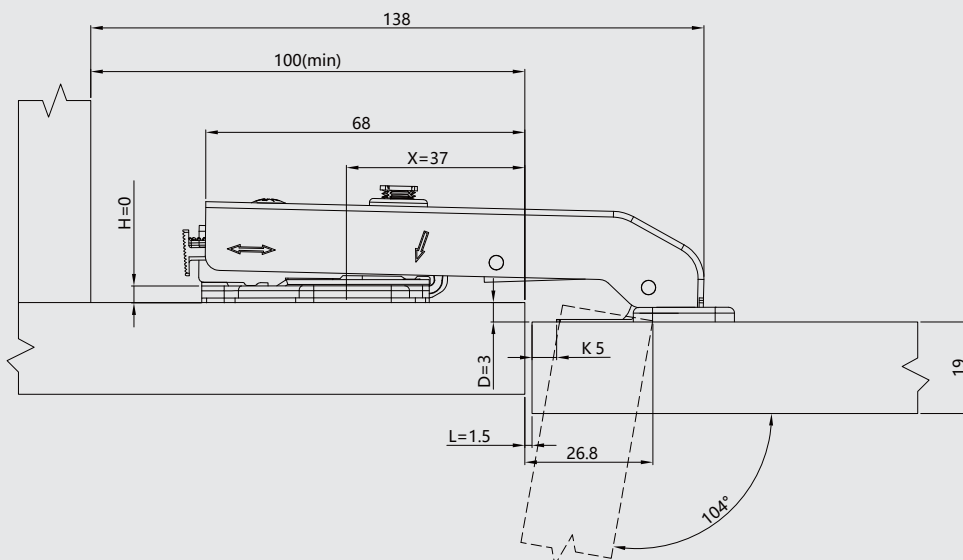
Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Closing angle: 90°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-20mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

90°- Hinge

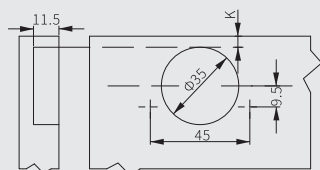


Overlay Table

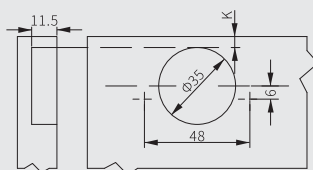
H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

Drilling For Cup

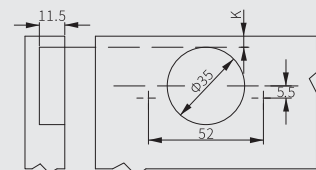
HT2350-90 45 pitch-row



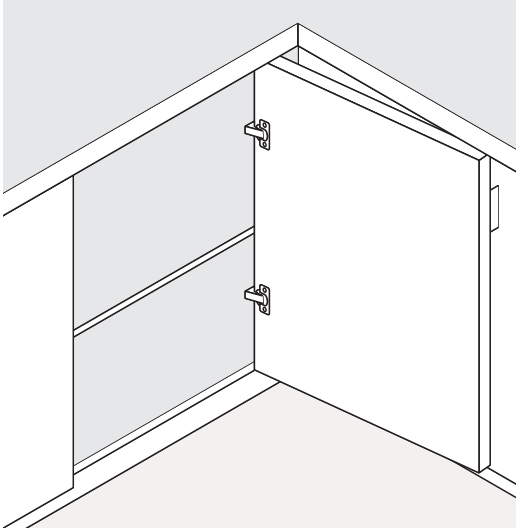
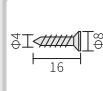

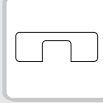
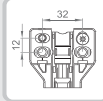
HT2380-90 48 pitch-row



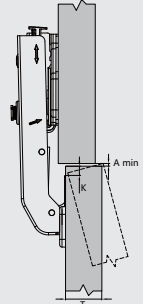
HT2320-90 52 pitch-row



Clip-on hydraulic hinge (Small angle)

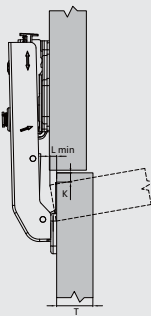
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	
	The accessory information parameters are on page A.42	
	 <p>Optional: Mounting Plate</p>	
	The accessory information parameters are on page A.43	

Minimum Gap Required To Door Opening



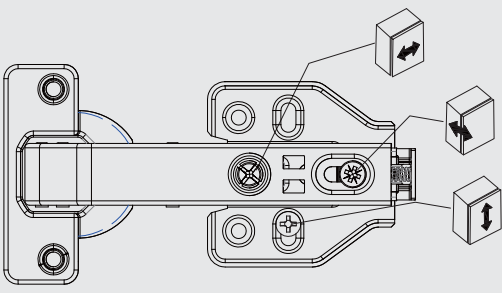
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

Adjustment Type	Range
Up and down adjustment	± 2mm
Cover plate adjustment	+3/ -4mm
Door seam adjustment	+3.5/ -5.5mm

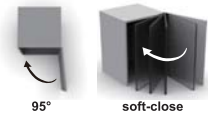
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT0380-90(Two way)

General-type hydraulic hinge (Small angle)



A

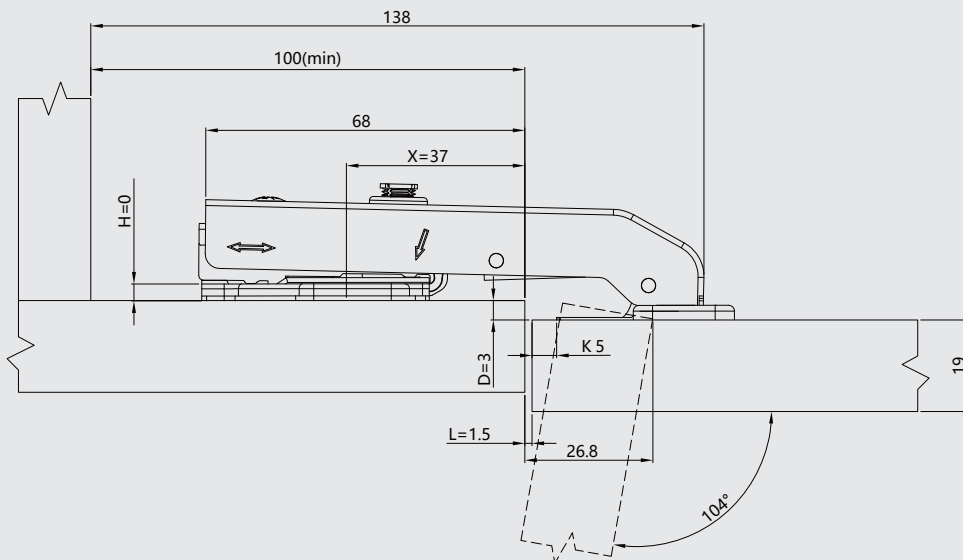
Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Closing angle: 90°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-20mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

90°- Hinge



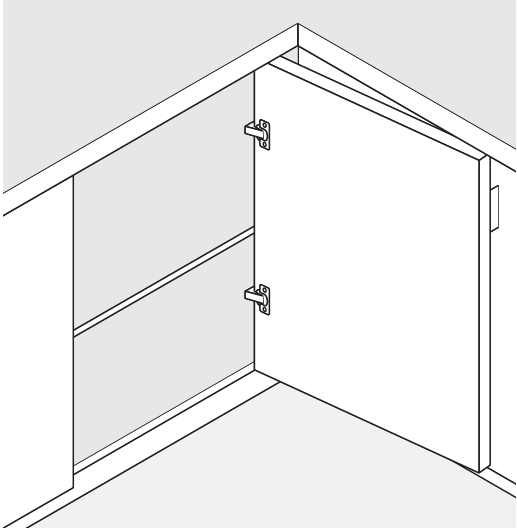
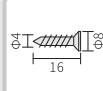

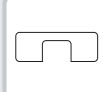
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

Drilling For Cup

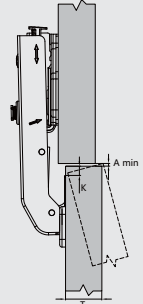
HT0350-90	45 pitch-row	HT0380-90	48 pitch-row	HT0320-90	52 pitch-row

General-type hydraulic hinge (Small angle)

Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>MEATON Arm cover</p>
	 <p>Cup cover</p>	

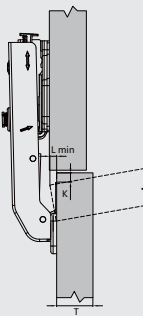
The accessory information parameters are on page [A.42](#)

Minimum Gap Required To Door Opening



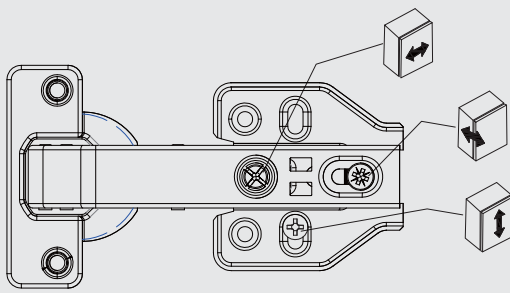
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet






K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	L(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
4		0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.5
5		0.0	0.0	0.5	0.7	0.9	1.4	1.6	2.5
6		0.1	1.3	1.5	1.7	1.9	2.4	2.6	3.5

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

 <p>Up and down adjustment ± 2mm</p>	 <p>Cover plate adjustment +3/ -4mm</p>	 <p>Door seam adjustment +3.5/ -5.5mm</p>
---	--	--

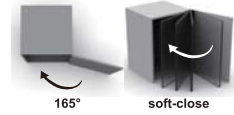
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT3380-165(Two way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

Hinge Series



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: 14-25mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

A - Overlay		B - Half overlay		C - Inset	
$H=13+K-(D)$ 		$H=3+K-(D)$ 		$H=3+K+(A)$ 	
Hydraulic	HT3380-165A	Hydraulic	HT3380-165B	Hydraulic	HT3380-165C
Without Hydraulic	HT3380-165D	Without Hydraulic	HT3380-165E	Without Hydraulic	HT3380-165I
Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)
	12 13 14 15 16 17 18 19 20		2 3 4 5 6 7 8 9 10		0 -1 -2 -3 -4
3	4 2 0	3	4 2 0	3	6
4	4 2 0	4	4 2 0	4	6
5	4 2 0	5	4 2 0	5	6
6	4 2 0	6	4 2 0	6	6
7	4 2 0	7	4 2 0	7	6
Mounting plate height H (mm)		Mounting plate height H (mm)		Mounting plate height H (mm)	

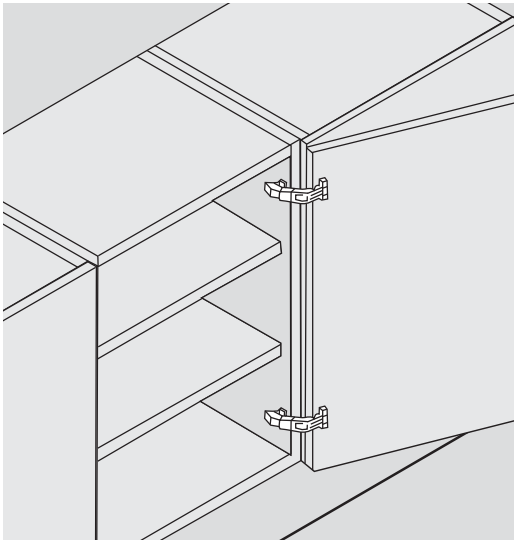
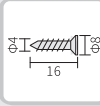
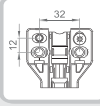
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board
 S=Door thickness

Drilling For Cup

HT3350-165	45 pitch-row	HT3380-165	48 pitch-row	HT3320-165	52 pitch-row

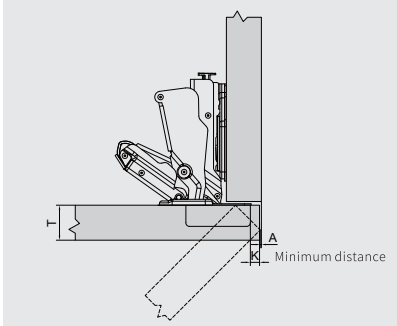
Clip-on hydraulic hinge with CAM adjustment (Small angle)

Application	Accessories
	 <p>Optional: With Screw / Dowel For Cup</p> <p>The accessory information parameters are on page A.42</p>
	 <p>Optional: Mounting Plate</p> <p>The accessory information parameters are on page A.43</p>

A

Hinge Series

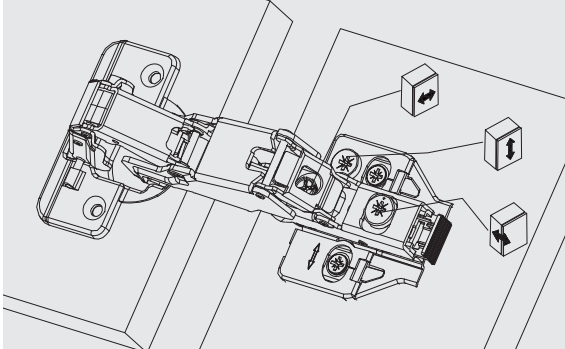
Minimum Gap Required To Door Opening






Minimum distance

K(mm)	T(mm)	14	15	16	17	18	19	20	21	22	23	24	25
3	A(mm)	0	0	0	0	0	0	0	0	0.5	1.2	1.9	2.6
4		0	0	0	0	0	0	0	0	0.2	0.9	1.6	2.3
5		0	0	0	0	0	0	0	0	0	0.6	1.3	2.0
6		0	0	0	0	0	0	0	0	0	0.3	1.0	1.7
7		0	0	0	0	0	0	0	0	0	0	0.8	1.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

		
Up and down adjustment ± 2mm	Cover plate adjustment +5.5(± 0.5)mm	Door seam adjustment ± 2mm

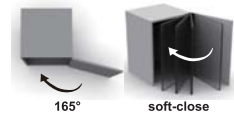
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT2380-165(Two way)

Clip-on hydraulic hinge (Small angle)



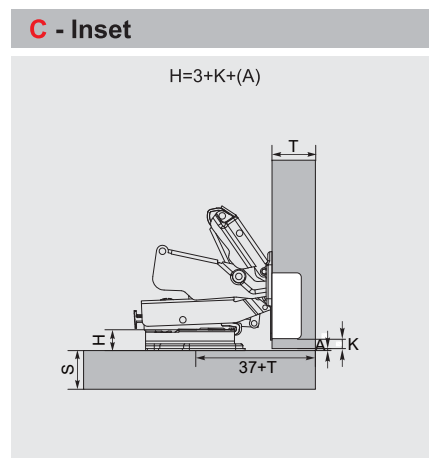
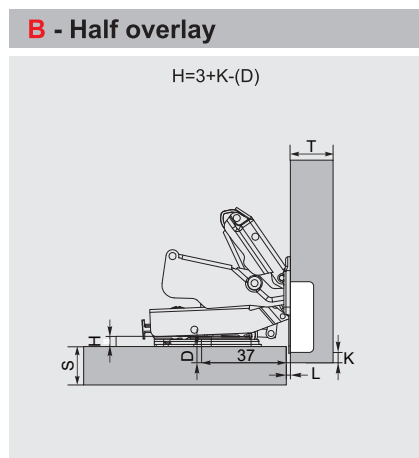
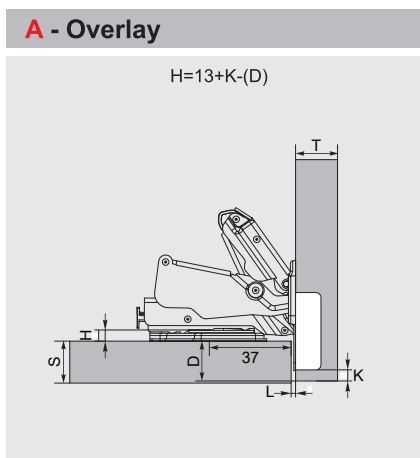
A

Hinge Series



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: 14-25mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on



Hydraulic	HT2380-165A
Without Hydraulic	HT2380-165D

Hydraulic	HT2380-165B
Without Hydraulic	HT2380-165E

Hydraulic	HT2380-165C
Without Hydraulic	HT2380-165I

Drilling distance K (mm)	Front overlay D (mm)									
	12	13	14	15	16	17	18	19	20	
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)

Drilling distance K (mm)	Front overlay D (mm)									
	2	3	4	5	6	7	8	9	10	
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)

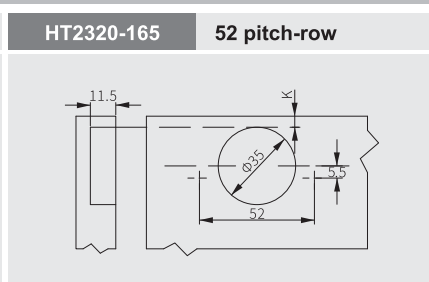
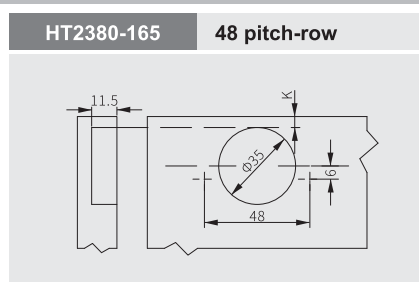
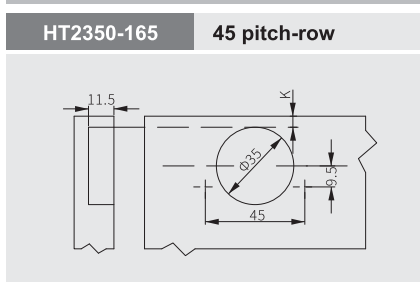
Drilling distance K (mm)	Front overlay D (mm)				
	0	-1	-2	-3	-4
3	6				
4		6			
5			6		
6				6	
7					6

Mounting plate height H (mm)

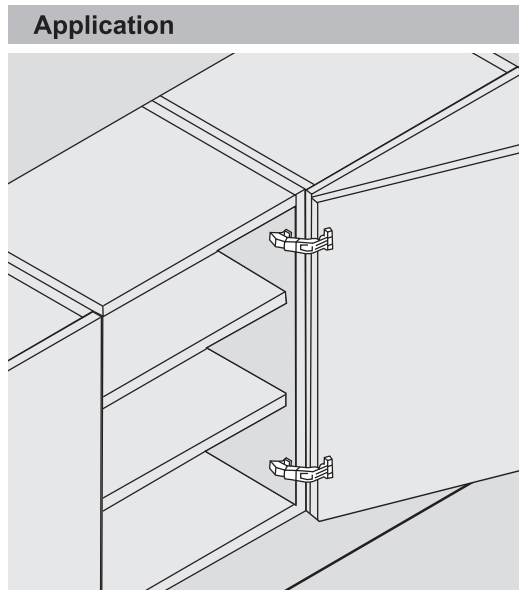
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board
 S=Door thickness

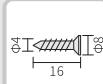
Drilling For Cup



Clip-on hydraulic hinge (Small angle)

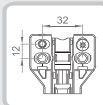


Accessories



Optional:
With Screw / Dowel
For Cup

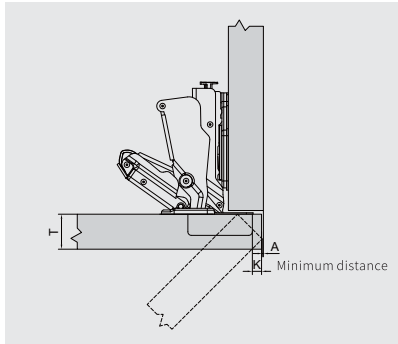
The accessory information parameters are on page [A.43](#)



Optional:
Mounting Plate

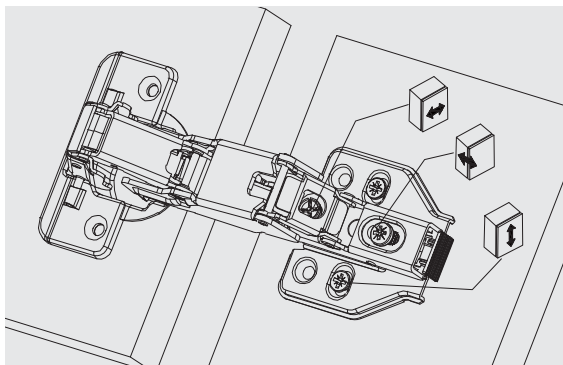
The accessory information parameters are on page [A.43](#)

Minimum Gap Required To Door Opening



K(mm)	T(mm)	14	15	16	17	18	19	20	21	22	23	24	25
3	A(mm)	0	0	0	0	0	0	0	0	0.5	1.2	1.9	2.6
4		0	0	0	0	0	0	0	0	0.2	0.9	1.6	2.3
5		0	0	0	0	0	0	0	0	0	0.6	1.3	2.0
6		0	0	0	0	0	0	0	0	0	0.3	1.0	1.7
7		0	0	0	0	0	0	0	0	0	0	0.8	1.4

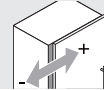
T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



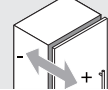
Adjustment Range



Up and down adjustment
± 2mm



Cover plate adjustment
+5.5(± 0.5)mm



Door seam adjustment
± 3mm

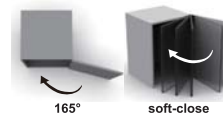
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 SPECIAL ANGLE HINGE

HT0380-165(Two way)

General-type hydraulic hinge (Small angle)



A

Hinge Series



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: 14-25mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

A - Overlay		B - Half overlay		C - Inset	
H=13+K-(D)		H=3+K-(D)		H=3+K+(A)	
Hydraulic	HT0380-165A	Hydraulic	HT0380-165B	Hydraulic	HT0380-165C
Without Hydraulic	HT0380-165D	Without Hydraulic	HT0380-165E	Without Hydraulic	HT0380-165I
Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)
	13 14 15 16 17 18 19 20 21		3 4 5 6 7 8 9 10 11		0 -1 -2 -3 -4
3	4 2 0	3	4 2 0	3	6
4	4 2 0	4	4 2 0	4	6
5	4 2 0	5	4 2 0	5	6
6	4 2 0	6	4 2 0	6	6
7	4 2 0	7	4 2 0	7	6
Mounting plate height H (mm)		Mounting plate height H (mm)		Mounting plate height H (mm)	

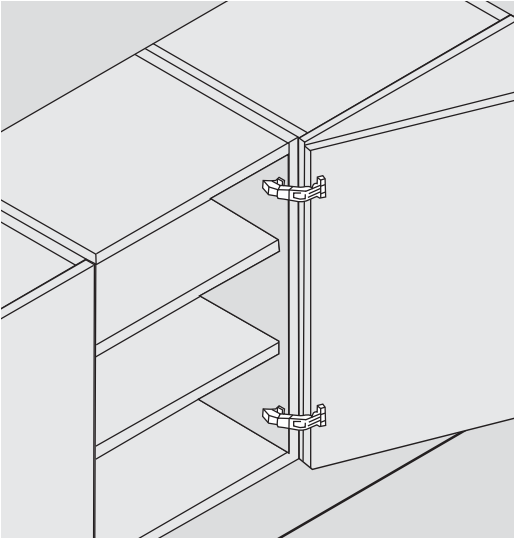

Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board
 S=Door thickness

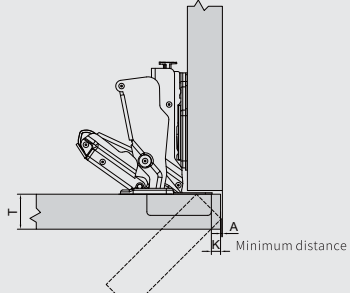
Drilling For Cup

HT0350-165	45 pitch-row	HT0380-165	48 pitch-row	HT0320-165	52 pitch-row

General-type hydraulic hinge (Small angle)

Application	Accessories
	<div style="border: 1px solid gray; padding: 5px; display: inline-block;">  <p>Optional: With Screw / Dowel For Cup</p> </div> <p style="text-align: right; margin-top: 20px;">The accessory information parameters are on page A.42</p>

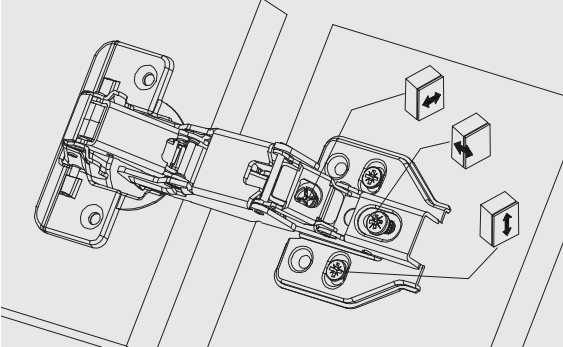
Minimum Gap Required To Door Opening






Minimum distance

K(mm)	T(mm)	14	15	16	17	18	19	20	21	22	23	24	25
3	A(mm)	0	0	0	0	0	0	0	0	0.5	1.2	1.9	2.6
4		0	0	0	0	0	0	0	0	0.2	0.9	1.6	2.3
5		0	0	0	0	0	0	0	0	0	0.6	1.3	2.0
6		0	0	0	0	0	0	0	0	0	0.3	1.0	1.7
7		0	0	0	0	0	0	0	0	0	0	0.8	1.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

		
Up and down adjustment ± 2mm	Cover plate adjustment 5.5 ± 0.5mm	Door seam adjustment ± 3mm

Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M20 HINGE

Accessory Information

Cup Cover



Nickel Plated
Special Surface Treatment

Hinge cup 42/45/48mm center

HT001

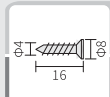
Arm Cover



Nickel Plated
Special Surface Treatment

HD001

Screw Accessories



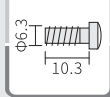
Chipboard Screw

Item No.: FC0062



Expanding Dowel

Item No.: FM1011-02



Euro Screw

Item No.: FC0021



M10 Dowel

Item No.: PM1011-01



M8 Dowel

Item No.: PM0810-01

Angle Restrictor

HH001

105°-95°



Mounting Plate Information

	Two-hole mounting plate	CAM adjustable mounting plate	Four-hole mounting plate	CAM adjustable mounting plate
	Nickel Plated Special Surface Treatment	Nickel Plated Special Surface Treatment	Nickel Plated Special Surface Treatment	Nickel Plated Special Surface Treatment
Chipboard Screw 	Height of Mounting Plate H=0 H22001 H=2 H22201	Height of Mounting Plate H=0 H23001 H=2 H23201	Height of Mounting Plate H=0 H26001 H=2 H26201	Height of Mounting Plate H=0 H27001 H=2 H27201
Euro Screw 	Height of Mounting Plate H=0 H22A01 H=2 H22C01	Height of Mounting Plate H=0 H23A01 H=2 H23C01	Height of Mounting Plate H=0 H26A01 H=2 H26C01	Height of Mounting Plate H=0 H27A01 H=2 H27C01
Euro Screw 	Height of Mounting Plate H=0 H22601 H=2 H22801	Height of Mounting Plate H=0 H23601 H=2 H23801	Height of Mounting Plate H=0 H26601 H=2 H26801	Height of Mounting Plate H=0 H27601 H=2 H27801
Chipboard Screw 	Height of Mounting Plate H=0 H22F01 H=2 H22H01	Height of Mounting Plate H=0 H23F01 H=2 H23H01		Height of Mounting Plate H=0 H27F01 H=2 H27H01

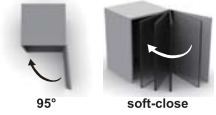
Inline Mounting Plate is not interchangeable to other plate

	Inline Mounting Plate			
	Nickel Plated Special Surface Treatment			
Chipboard Screw 	Height of Mounting Plate H=0 H2C000 H=2			
Euro Screw 	Height of Mounting Plate H=0 H=2			

MECOMPACT M30 HINGE

HS4380(Two way)

Clip-on hydraulic hinge with CAM adjustment for thick door (Small angle)



A

Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 15-35mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

A - Overlay		B - Half overlay		C - Inset	
<p>$H=12+K-D$</p>		<p>$H=4+K-D$</p>		<p>$H=6.5+K+A$</p>	
Hydraulic	HS4380A	Hydraulic	HS4380B	Hydraulic	HS4380C
Without Hydraulic	HS4380D	Without Hydraulic	HS4380E	Without Hydraulic	HS4380I
Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)	Drilling distance K (mm)	Front overlay D (mm)
	14 15 16 17 18 19 20		5 6 7 8 9 10 11		-1.5 -0.5 0.5 1.5 2.5 3.5 4.5
3	2 0	3	2 0	3	0 0 2
4	2 0	4	2 0	4	0 2
5	2 0	5	2 0	5	0 2
6	2 0	6	2 0	6	0 2
7	2 0	7	2 0	7	0 2
Mounting plate height H (mm)		Mounting plate height H (mm)		Mounting plate height H (mm)	

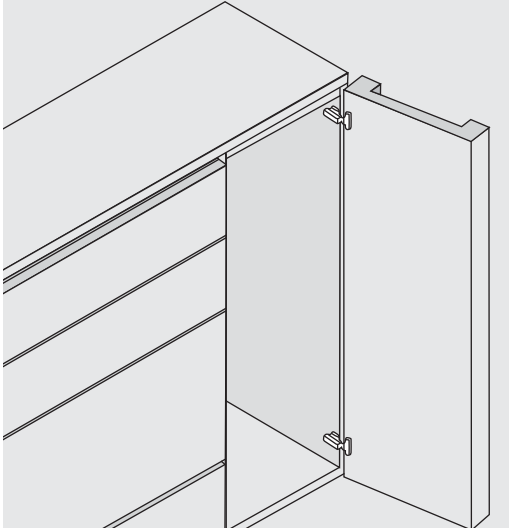
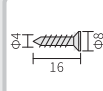

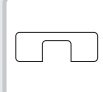
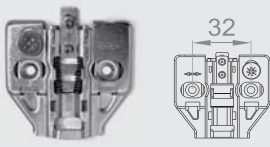
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

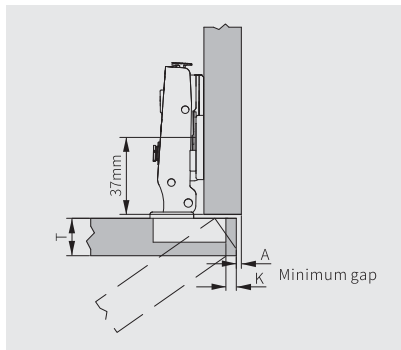
Drilling For Cup

HS4350	45 pitch-row	HS4380	48 pitch-row	HS4320	52 pitch-row

Clip-on hydraulic hinge with CAM adjustment for thick door (Small angle)

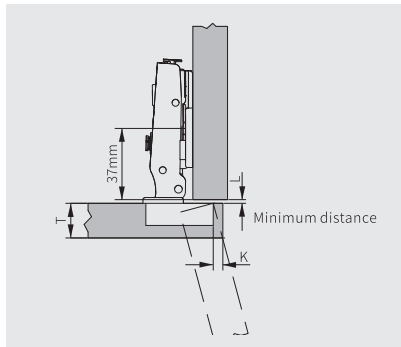
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	
<p>The accessory information parameters are on page A.42</p>		
	 <p>CAM adjustable mounting plate</p> <p>Nickel Plated Special Surface Treatment</p> <p>H=0 H2A000</p>	

Minimum Gap Required To Door Opening



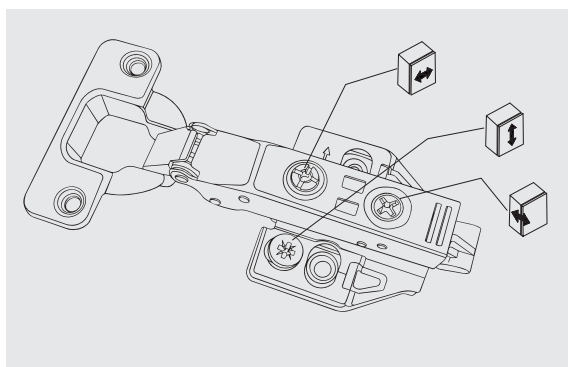
K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9
4		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
5		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
6		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet






K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

 <p>Up and down adjustment ± 2mm</p>	 <p>Cover plate adjustment +4.5 (± 0.5)mm</p>	 <p>Door seam adjustment +5 / -1mm</p>
---	--	---

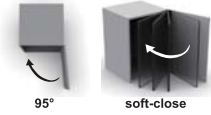
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M30 HINGE

HS4100(Two way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

Hinge Series

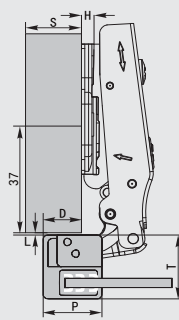


Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 95°.
- Concealed hydraulic hinge, clip-on

A - Overlay

$$H = -2 + P - (D)$$



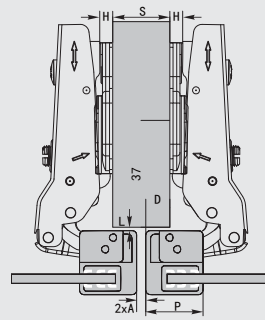
Hydraulic	HS4100A
Without Hydraulic	HS4100D

Aluminum Profile Width P(mm)	Front overlay D (mm)										
	13	14	15	16	17	18	19	20	21		
19	4	2	0								
20		4	2	0							
21			4	2	0						
22				4	2	0					
23					4	2	0				

Mounting plate height H (mm)

B - Half overlay

$$H = -11 + P - (D)$$



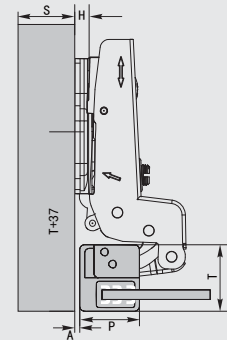
Hydraulic	HS4100B
Without Hydraulic	HS4100E

Aluminum Profile Width P(mm)	Front overlay D (mm)											
	4	5	6	7	8	9	10	11	12			
19	4	2	0									
20		4	2	0								
21			4	2	0							
22				4	2	0						
23					4	2	0					

Mounting plate height H (mm)

C - Inset

$$H = -20 + P + (A)$$



Hydraulic	HS4100C
Without Hydraulic	HS4100I

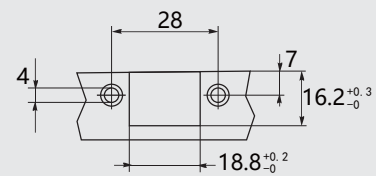
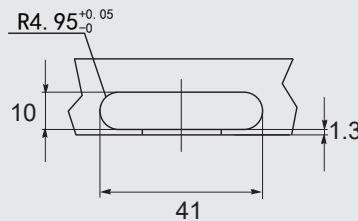
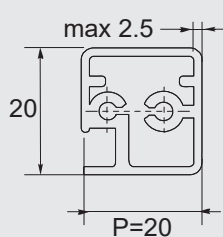
Aluminum Profile Width P(mm)	Front overlay D (mm)										
	-3	-2	-1	0	1	2	3	4	5		
19				0	2	4					
20			0	2	4						
21			0	2	4						
22		0	2	4							
23	0	2	4								

Mounting plate height H (mm)

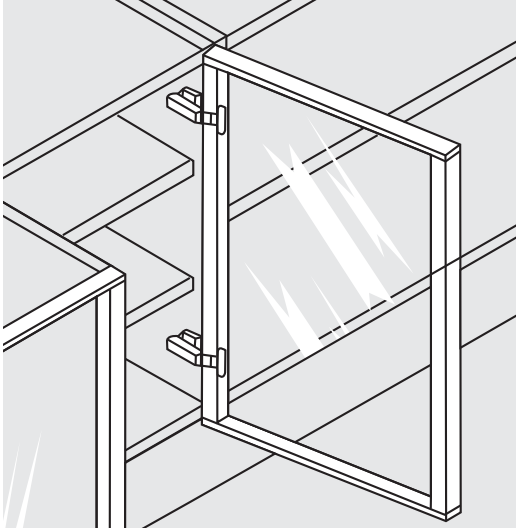

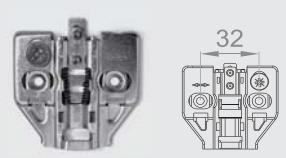
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 A=Gap between door and side board
 P=Aluminum Profile Width

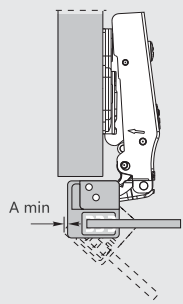
Drilling Size



Clip-on hydraulic hinge with CAM adjustment (Small angle)

Application	Screw Accessories
	 <p>Arm cover</p>
	<p>The accessory information parameters are on page A.42</p>
	 <p>CAM adjustable mounting plate</p> <p>Nickel Plated Special Surface Treatment</p> <p>H=0 H2A000</p>

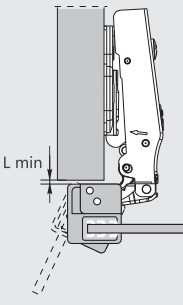
Minimum Gap Required To Door Opening



A min

K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9
4		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
5		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
6		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4

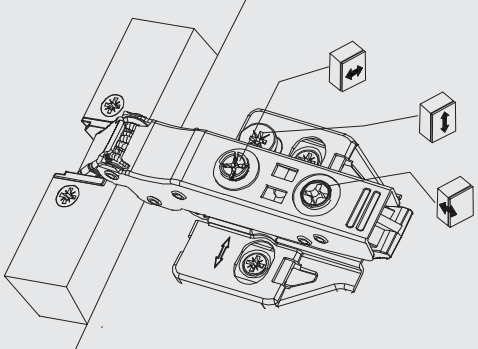
T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



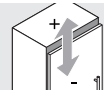
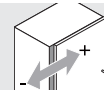
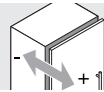
L min

K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

 <p>Up and down adjustment ± 2mm</p>	 <p>Cover plate adjustment +4.5 (± 0.5)mm</p>	 <p>Door seam adjustment +5 / -1mm</p>
---	--	---

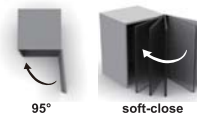
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M30 SPECIAL ANGLE HINGE

HT4380-45(Two way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

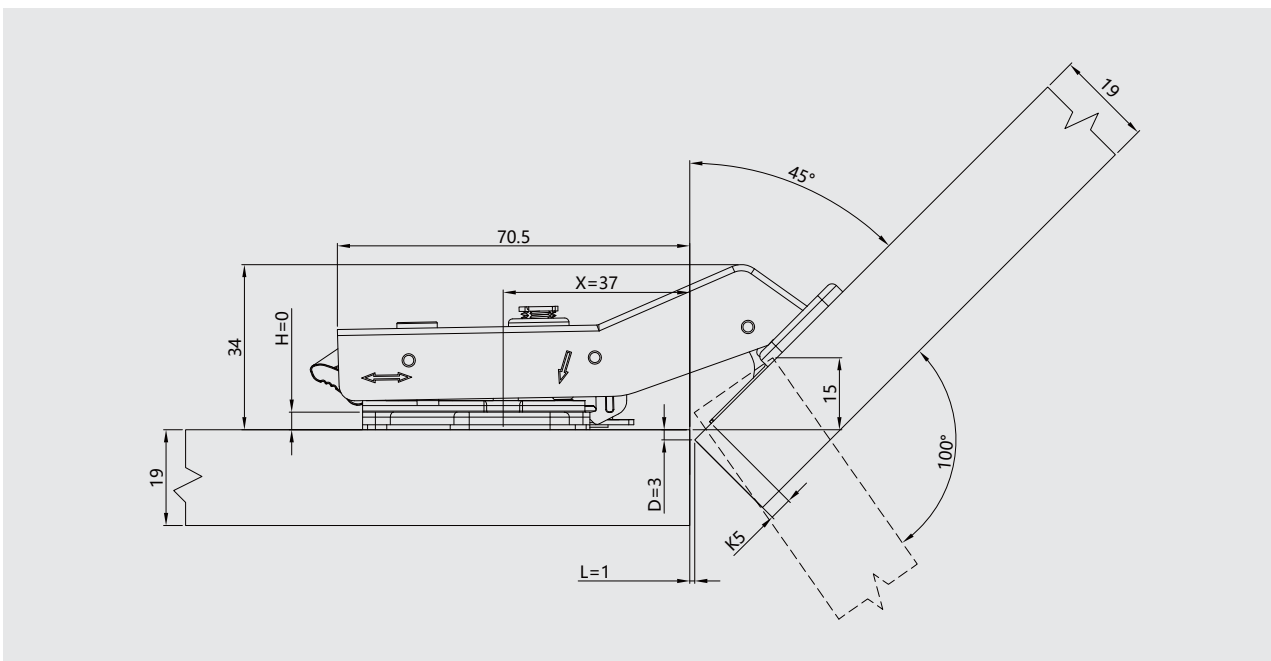
Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Closing angle: 45°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-20mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

45°- Hinge



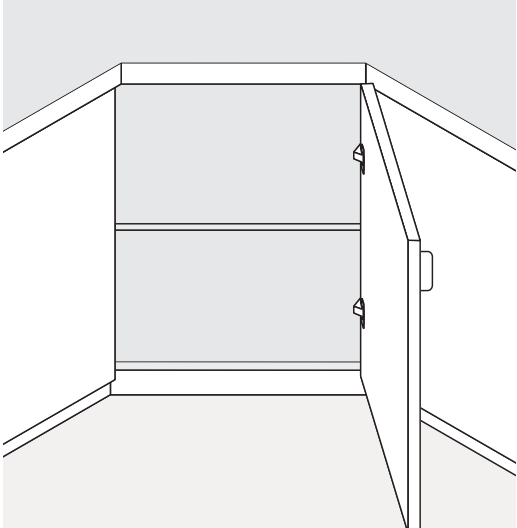
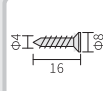

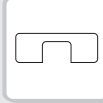
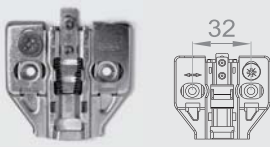
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

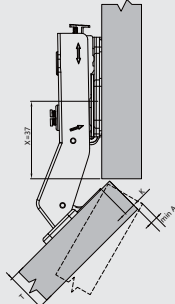
Drilling For Cup

HT4350-45	45 pitch-row	HT4380-45	48 pitch-row	HT4320-45	52 pitch-row

Clip-on hydraulic hinge with CAM adjustment (Small angle)

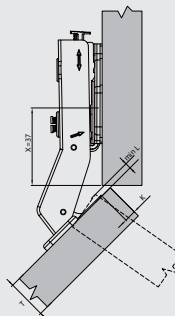
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	<p>The accessory information parameters are on page A.42</p>
		<p>CAM adjustable mounting plate</p> <p>Nickel Plated Special Surface Treatment</p>

Minimum Gap Required To Door Opening



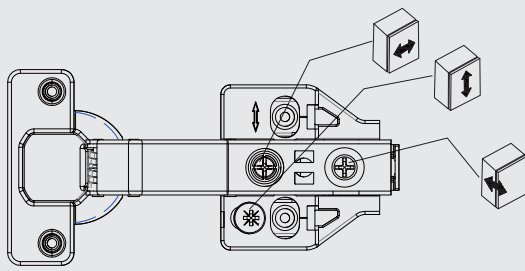
K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9
4		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
5		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
6		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



Adjustment Range

Adjustment Type	Range
Up and down adjustment	± 2mm
Cover plate adjustment	+3/ -1.5mm
Door seam adjustment	-2.5/ +3.5mm

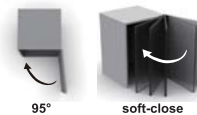
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M30 SPECIAL ANGLE HINGE

HT4380-90(Two way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

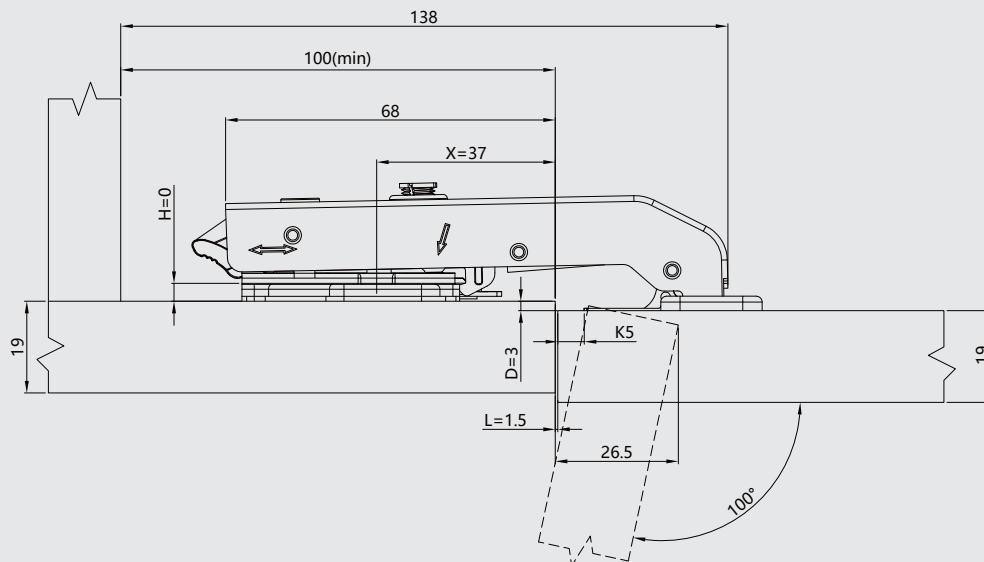
Hinge Series



Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Closing angle: 90°.
- Opening angle: 95°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 14-20mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

90°- Hinge

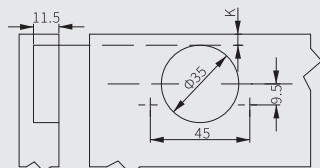


Overlay Table

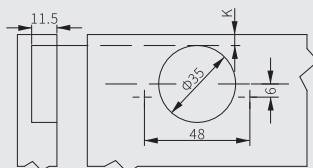
H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

Drilling For Cup

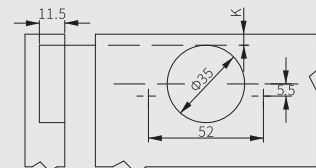
HT4350-90 45 pitch-row



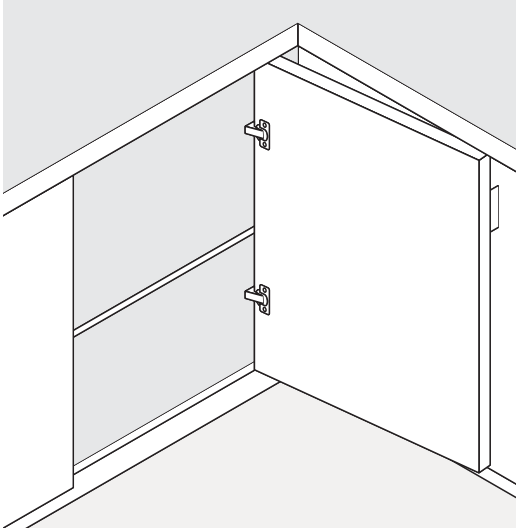
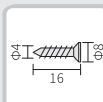

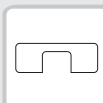
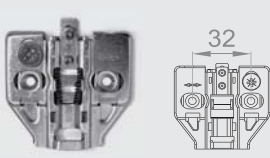
HT4380-90 48 pitch-row



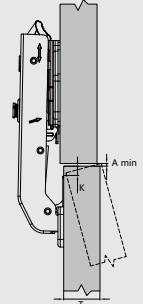
HT4320-90 52 pitch-row



Clip-on hydraulic hinge with CAM adjustment (Small angle)

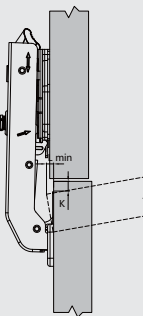
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	
<p>The accessory information parameters are on page A.42</p>		
	 <p>CAM adjustable mounting plate</p> <p>Nickel Plated Special Surface Treatment</p>	

Minimum Gap Required To Door Opening



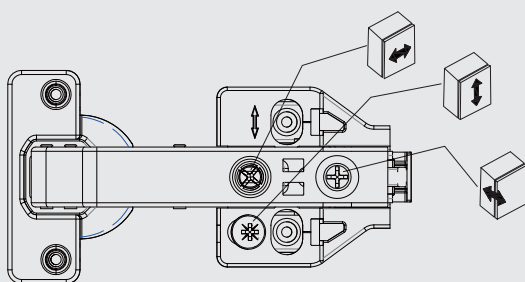
K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9
4		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
5		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
6		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4

T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet

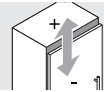


K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2

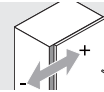
T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet



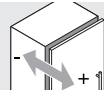
Adjustment Range



Up and down adjustment
± 2mm



Cover plate adjustment
+3/ -1.5mm



Door seam adjustment
+3/ -3mm

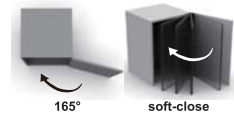
Mounting plate

Two-hole and four-hole mounting plate
Normal and with CAM adjustable mounting plate

MECOMPACT M30 SPECIAL ANGLE HINGE

HT4380-165(Two way)

Clip-on hydraulic hinge with CAM adjustment (Small angle)



A

Hinge Series

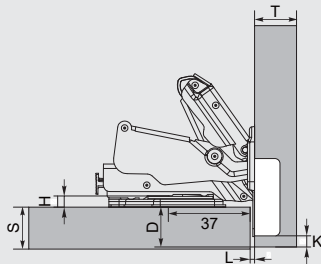


Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 165°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door thickness: 15-26mm.
- Door(K)dimension:3-7mm.
- Concealed hydraulic hinge, clip-on

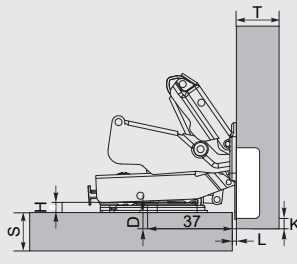
A - Overlay

$$H=13+K-(D)$$



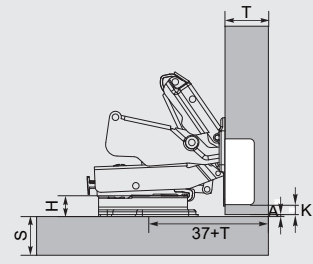
B - Half overlay

$$H=3+K-(D)$$



C - Inset

$$H=3+K+(A)$$



Hydraulic	HT4380-165A
Without Hydraulic	HT4380-165D

Hydraulic	HT4380-165B
Without Hydraulic	HT4380-165E

Hydraulic	HT4380-165C
Without Hydraulic	HT4380-165I

Drilling distance K (mm)	Front overlay D (mm)									
	12	13	14	15	16	17	18	19	20	
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)

Drilling distance K (mm)	Front overlay D (mm)									
	2	3	4	5	6	7	8	9	10	
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)

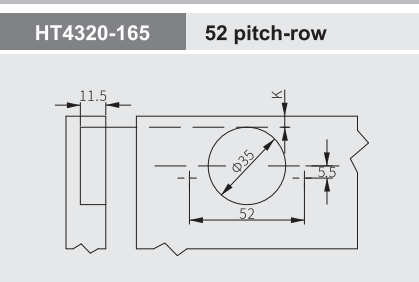
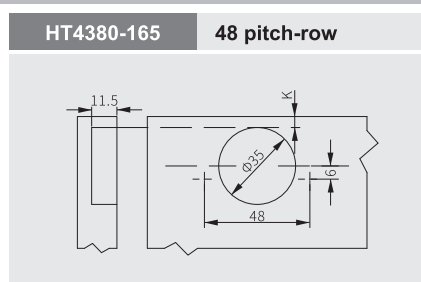
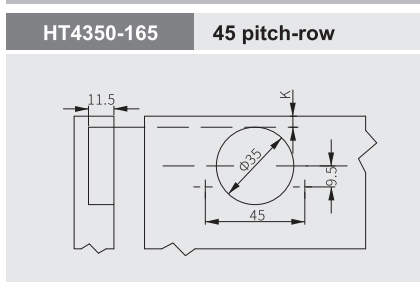
Drilling distance K (mm)	Front overlay D (mm)				
	0	-1	-2	-3	-4
3	6				
4		6			
5			6		
6				6	
7					6

Mounting plate height H (mm)

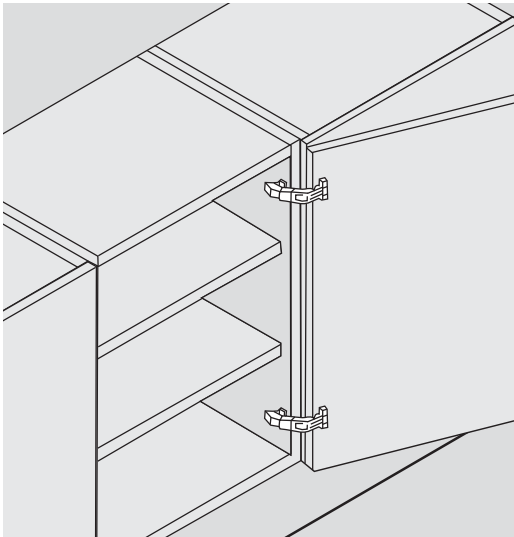
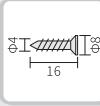
Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board
 S=Door thickness

Drilling For Cup






Clip-on hydraulic hinge with CAM adjustment (Small angle)

Application	Accessories		
	 <p>Optional: With Screw / Dowel For Cup</p>		
	<p>The accessory information parameters are on page A.42</p>		
	<table border="1"> <thead> <tr> <th style="background-color: #cccccc;">CAM adjustable mounting plate</th> </tr> </thead> <tbody> <tr> <td>Nickel Plated Special Surface Treatment</td> </tr> </tbody> </table>	CAM adjustable mounting plate	Nickel Plated Special Surface Treatment
CAM adjustable mounting plate			
Nickel Plated Special Surface Treatment			

Minimum Gap Required To Door Opening

K(mm)	T(mm)	14	15	16	17	18	19	20	21	22	23	24	25
3	A(mm)	0	0	0	0	0	0	0	0	0.5	1.2	1.9	2.6
4		0	0	0	0	0	0	0	0	0.2	0.9	1.6	2.3
5		0	0	0	0	0	0	0	0	0	0.6	1.3	2.0
6		0	0	0	0	0	0	0	0	0	0.3	1.0	1.7
7		0	0	0	0	0	0	0	0	0	0	0.8	1.4

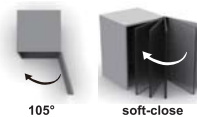
T=doorthickness
K=Distance between door drilling holesand dooredge
A=Distance between door paneland sidecabinet

Adjustment Range		
 <p>Up and down adjustment ± 2mm</p>	 <p>Cover plate adjustment +4.5 (± 0.5)mm</p>	 <p>Door seam adjustment + 5/-1mm</p>
Mounting plate		
Two-hole and four-hole mounting plate Normal and with CAM adjustable mounting plate		

MECOMPACT M40 HINGE

HU2380(Nonmagnetic)

Clip-on hydraulic Stainless Steel hinge



A

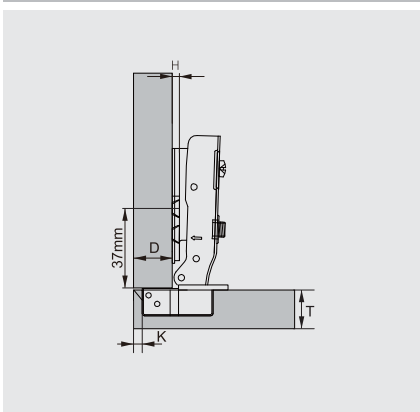
Hinge Series



Technical specifications:

- Main material: 304 Stainless Steel
- Finish: Burnishing
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12mm.
- Door thickness: 15-20mm.
- Door(K)dimension:0-5mm.

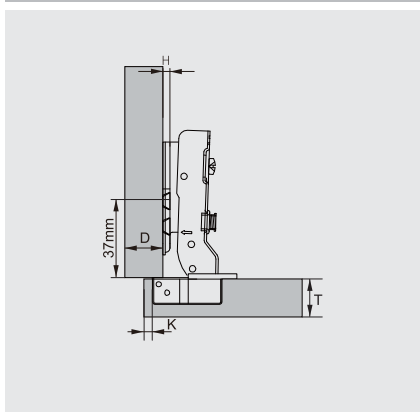
A - Overlay



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

Mounting plate height H (mm)

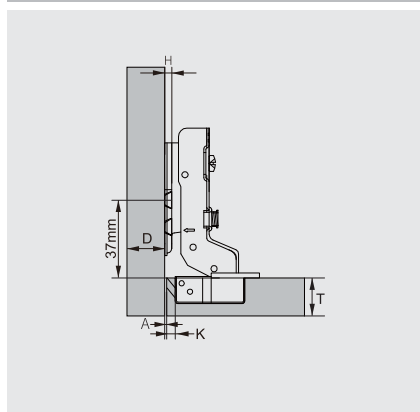
B - Half overlay



Drilling distance K (mm)	Front overlay D (mm)						
	5	6	7	8	9	10	11
3	2		0				
4		2		0			
5			2		0		
6				2		0	
7					2		0

Mounting plate height H (mm)

C - Inset



Drilling distance K (mm)	Front overlay D (mm)						
	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5
3					0	2	2
4				0		2	
5			0		2		
6		0		2			
7	0		2				

Mounting plate height H (mm)

Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

Adjustment Range

Up and down adjustment ± 2.0mm
 Cover plate adjustment +5/ -1.5mm
 Door seam adjustment ± 3.5mm

Drilling For Cup

48 pitch-row

Accessories

Arm cover
 Cup cover
 Optional: Mounting Plate

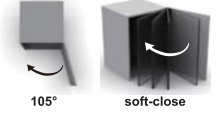
The accessory information parameters are on page A.56

MECOMPACT M40 HINGE

HU3380

Clip-on hydraulic Stainless Steel hinge with CAM adjustment

MFATON

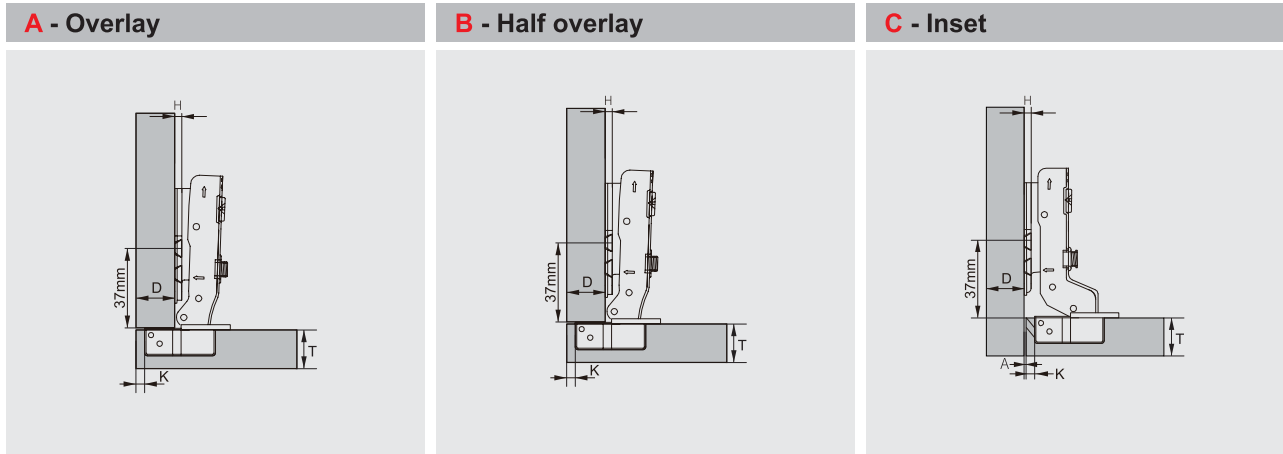


Technical specifications:

- Main material: 304 Stainless Steel
- Finish: Burnishing
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 12mm.
- Door thickness: 15-20mm.
- Door(K)dimension:0-5mm.

A

Hinge Series



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

Mounting plate height H (mm)

Drilling distance K (mm)	Front overlay D (mm)						
	5	6	7	8	9	10	11
3	2	0					
4		2	0				
5			2	0			
6				2	0		
7					2	0	

Mounting plate height H (mm)

Drilling distance K (mm)	Front overlay D (mm)						
	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5
3					0	2	
4				0		2	
5			0		2		
6		0		2			
7	0		2				

Mounting plate height H (mm)

Overlay Table

H=Height of hinge base
 D=Required overlay on side board
 K=Distance between door edge and drilling holes on hinge cup
 A=Gap between door and side board

Adjustment Range

- Up and down adjustment ± 2.0mm
- Cover plate adjustment +5/ -1.5mm
- Door seam adjustment ± 2mm

Drilling For Cup

48 pitch-row

Accessories

- Arm cover
- Cup cover
- Optional: Mounting Plate

The accessory information parameters are on page A.56

MECOMPACT M40 HINGE

Accessory Information

A

Hinge Series

Cup Cover



Stainless Steel 201
Special Surface Treatment

Hinge cup 42/45/48mm center

HT002

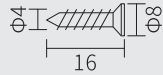
Arm Cover



Stainless Steel 201
Special Surface Treatment

HD002


Screw Accessories



Stainless Steel 430

FC0063

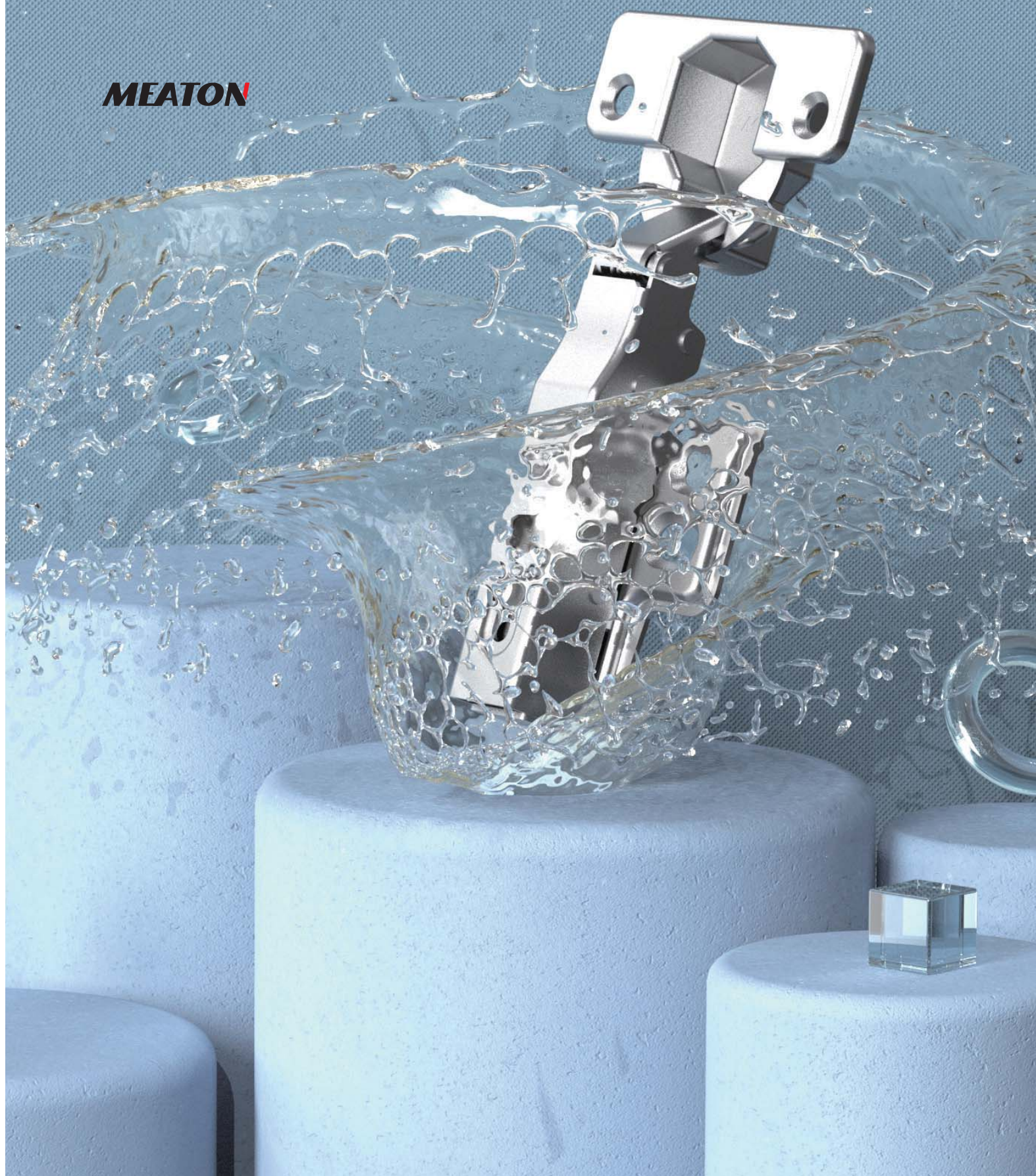
Mounting Plate Information

Two-hole mounting plate	Four-hole mounting plate	Four-hole mounting plate	CAM adjustable mounting plate
			
304 Stainless Steel Special Surface Treatment	304 Stainless Steel Special Surface Treatment	304 Stainless Steel Special Surface Treatment	304 Stainless Steel Special Surface Treatment
Height of Mounting Plate H=0 H22002-U	Height of Mounting Plate H=0 H23002-U	Height of Mounting Plate H=0 H26001-U	Height of Mounting Plate H=0 H27001-U

48-hour salt spray test

Nickel plated layer for better durability

MEATON



**STANDARD
HINGE**



HS3101

105°One way clip-on hydraulic hinge with cam adjustment



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.

HS2998

105°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.

HS1121

105°General-type hydraulic hinge



Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 105°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 11.5mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-21mm.

STANDARD HINGE

HG1102 | 110°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.

HG1201 | 110°Slide-on two way hinge



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.

HG1201-Mini | 110°Slide-on two way hinge



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.

HG1203

110°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: 14-23mm.

HG1203-Mini

110°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: 14-23mm.

HG1261

110°Slide-on mini hinge



Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 110°.
- Dia. of hinge cup: 26mm.
- Depth of hinge cup: 11.3mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-20mm.

STANDARD HINGE

HG1262

95°Slide-on mini hinge



Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 95°.
- Diameter of hinge cup: 26mm.
- Depth of hinge cup: 9mm.
- Door thickness: 12-16mm.

A

Hinge Series

Special Angle Hinge

HG1165 165° Silde-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.

HS0165 165°General type hydraulic hinge



Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 165°.
- Diameter of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door thickness: 14-23mm.

HS2165 165° Clip-on hydraulic 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.

STANDARD HINGE

Special Angle Hinge

HG1301

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.

HS2301

30°Clip-on hydraulic hinge



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: 3-7mm.
- Door thickness: 14-23mm.

HG1451

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.

Special Angle Hinge

HS1451 45° Slide-on hydraulic hinge



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.

HS2451 45° Clip-on hydraulic hinge



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.

HS1901 90° Slide-on hydraulic hinge



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.

STANDARD HINGE

Special Angle Hinge

HG1901

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.

HS2901

90° Clip-on hydraulic hinge



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.

HG1151

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.