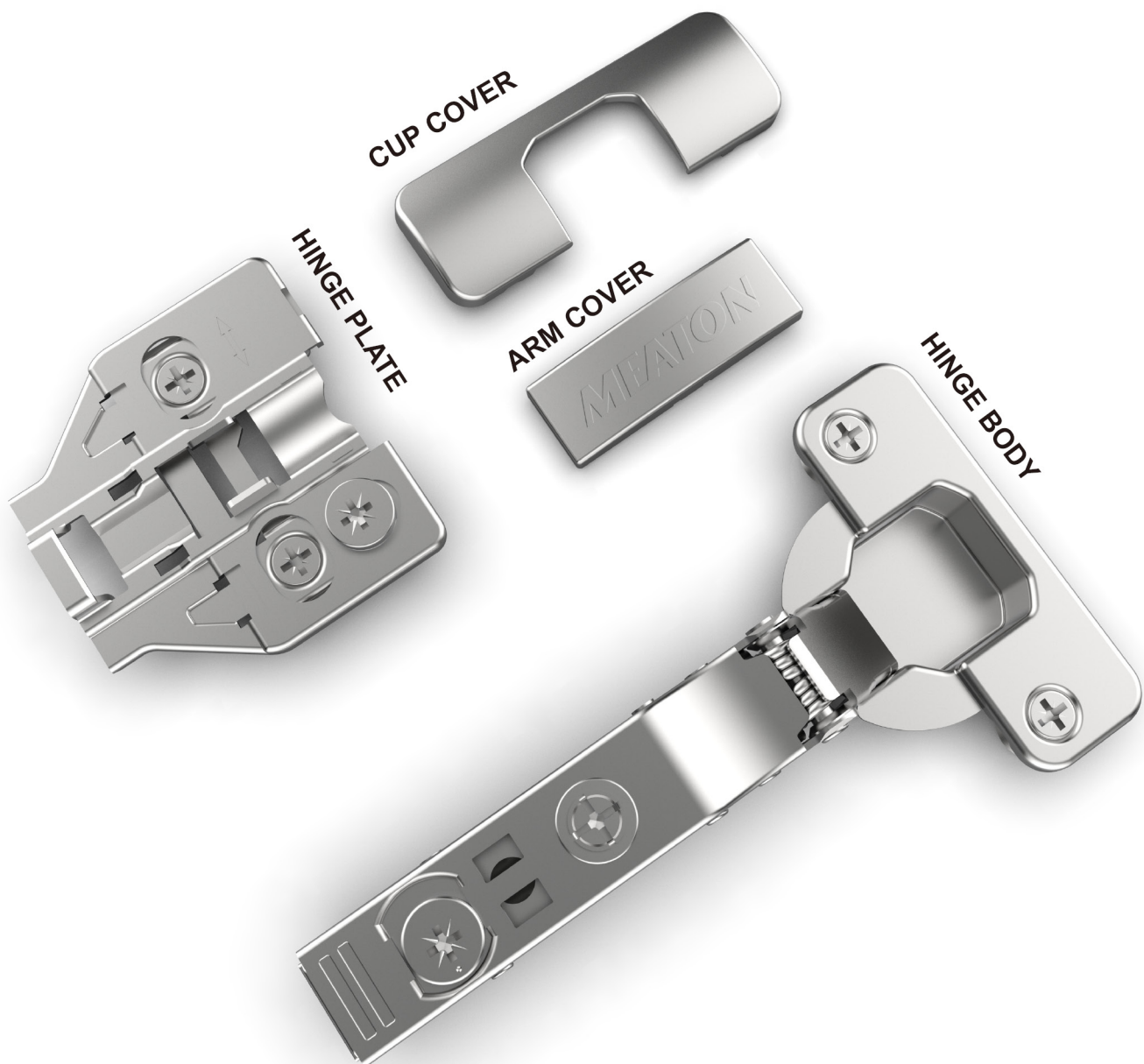
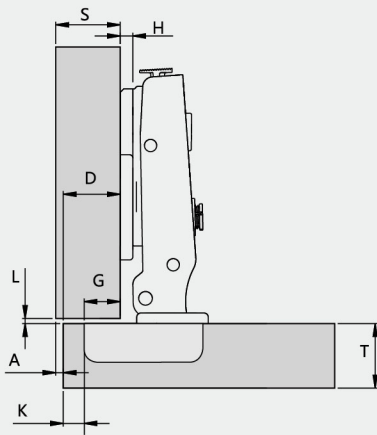


■ HINGE SERIES



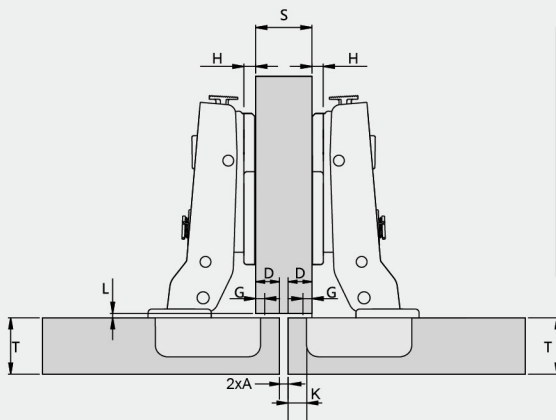
## Application with full overlay door



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

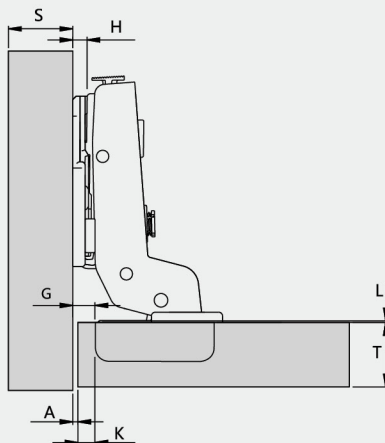
## Application with half overlay door



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

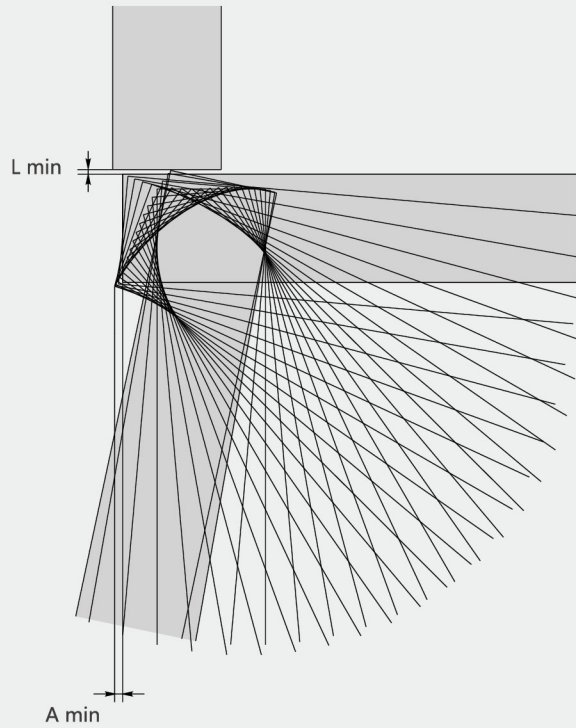
## Application with inset door



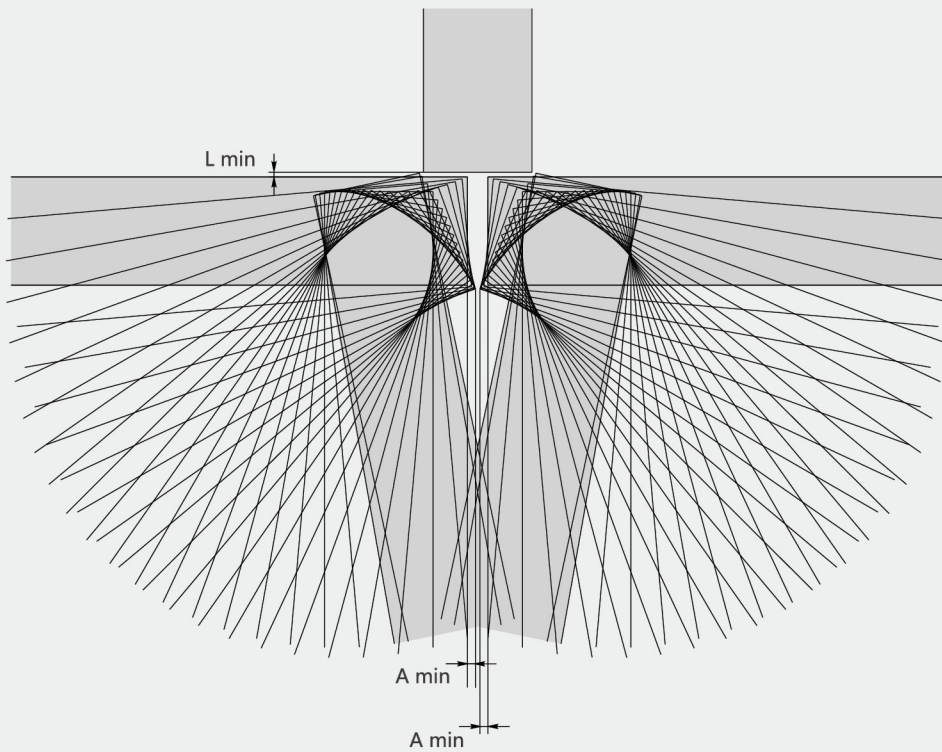
- |  |  |
|--|--|
| S = Thickness of the cabinet side                      | A = Distance between door panel and side cabinet |
| D = Required door overlay                              | L = Gap between door and panel                   |
| T = Door thickness                                     | H =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



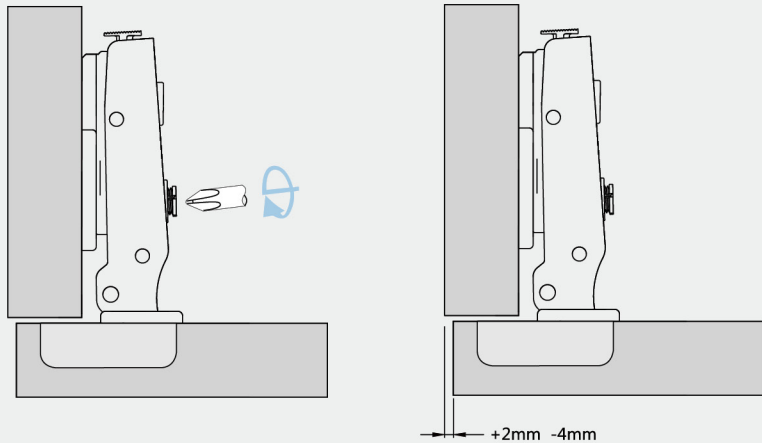
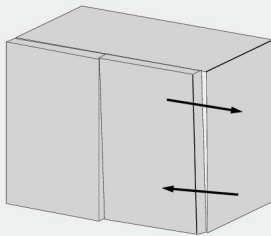
Simulation of the opening movement of a 105°hinge with half overlay door



# Design

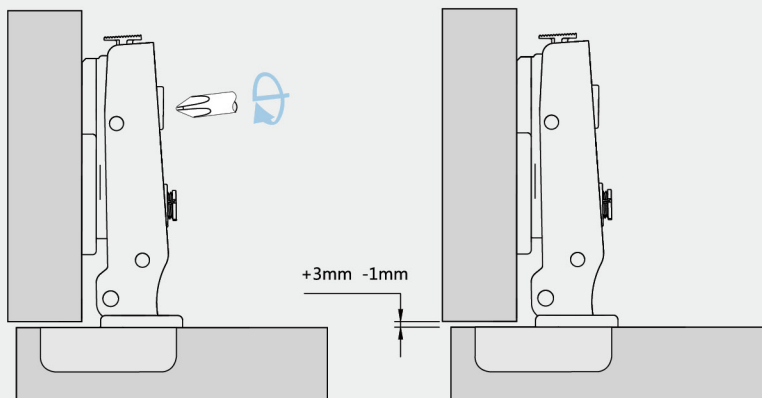
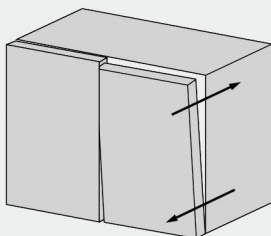
## Side adjustment

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



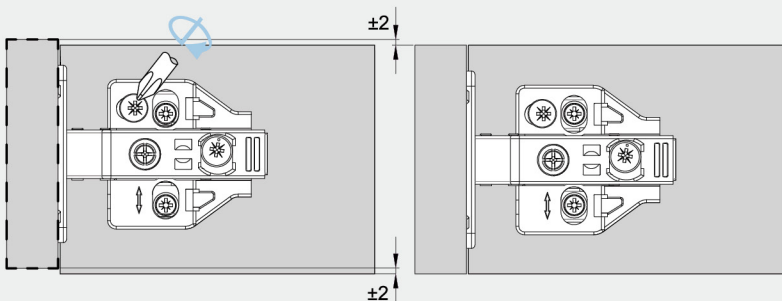
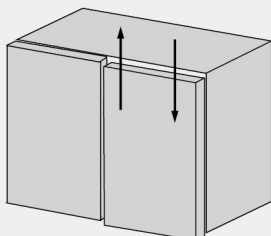
## Depth adjustment

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.

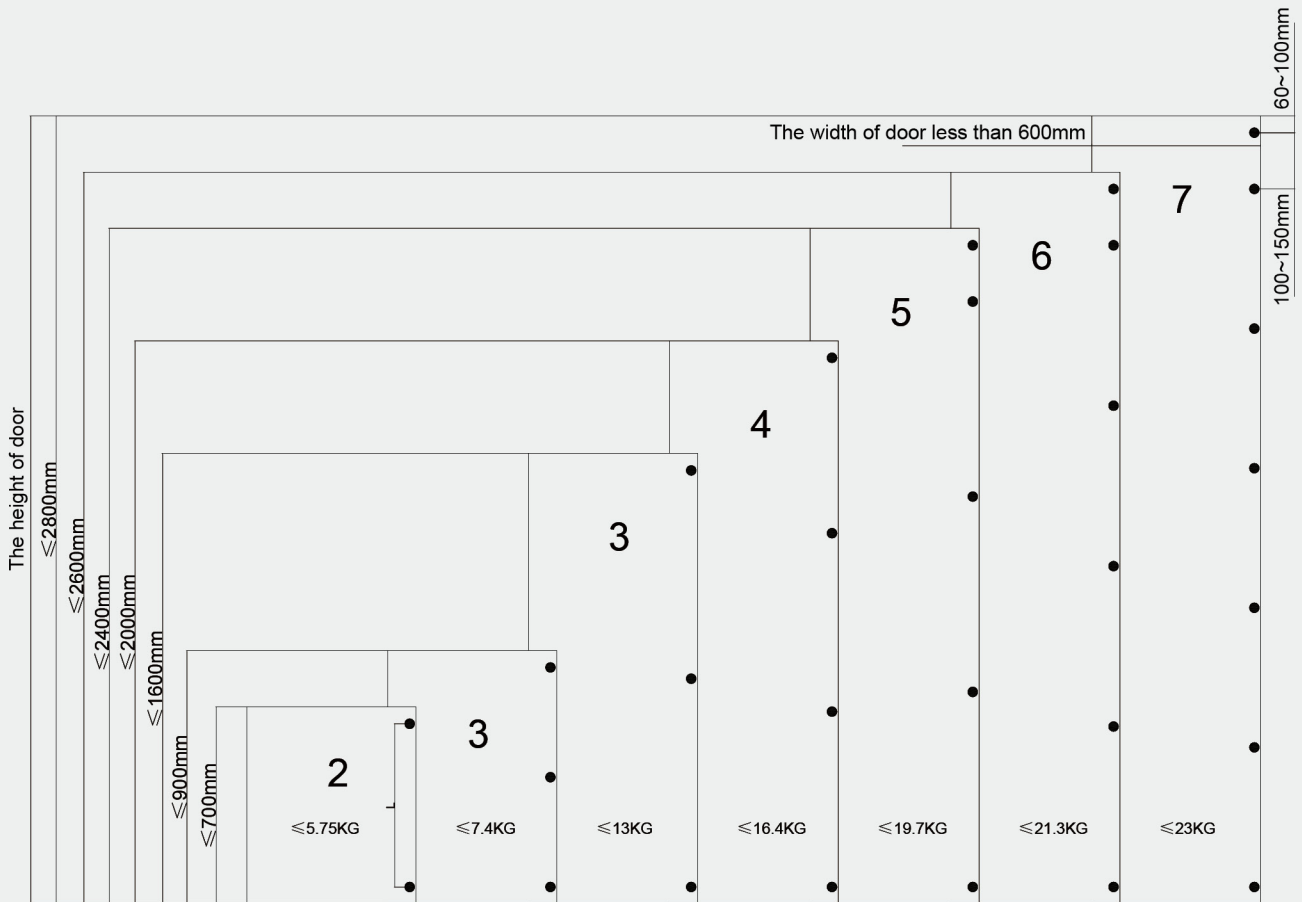


## Height adjustment

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)

Two direction clip-on hydraulic hinge with turbine cam adjustment for thick door (small angle)

**A.44**



### HS4100(Two way)

Two direction clip-on hydraulic hinge with turbine cam adjustment for aluminium frame door (small angle)

**A.46**



### HT4380-45(Two way)

Two direction clip-on special angle 45 degree hydraulic hinge with turbine cam adjustment (small angle)

**A.48**



### HT4380-90(Two way)

Two direction clip-on special angle 90 degree hydraulic hinge with turbine cam adjustment (small angle)

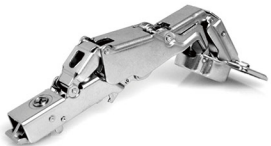
**A.50**



### HT4380-165(Two way)

Two direction clip-on special angle 165 degree hydraulic hinge with turbine cam adjustment (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**


















**STANDARD HINGE**

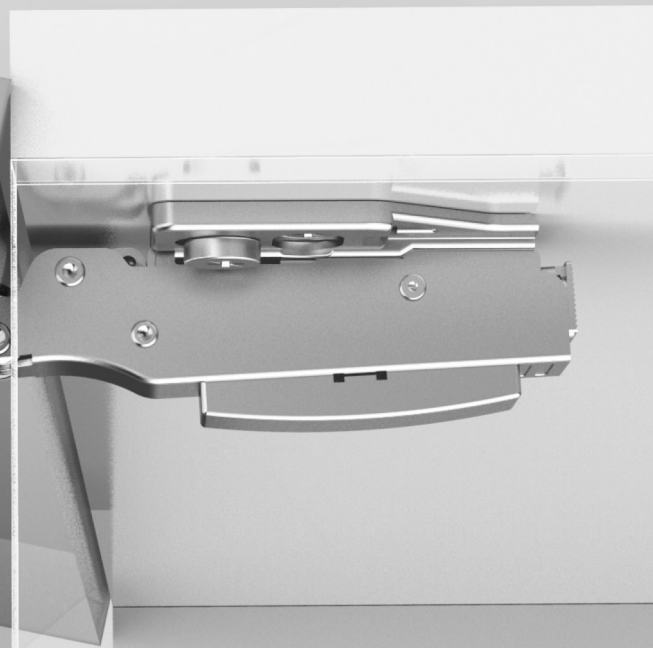
<p><b>HS3101</b> 105° One way clip-on hydraulic hinge with cam adjustment</p>  <p style="text-align: right;"><b>A.59</b></p>	<p><b>HS2998</b> 105° Clip-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.59</b></p>	<p><b>HS1121</b> 105° General type hydraulic hinge</p>  <p style="text-align: right;">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

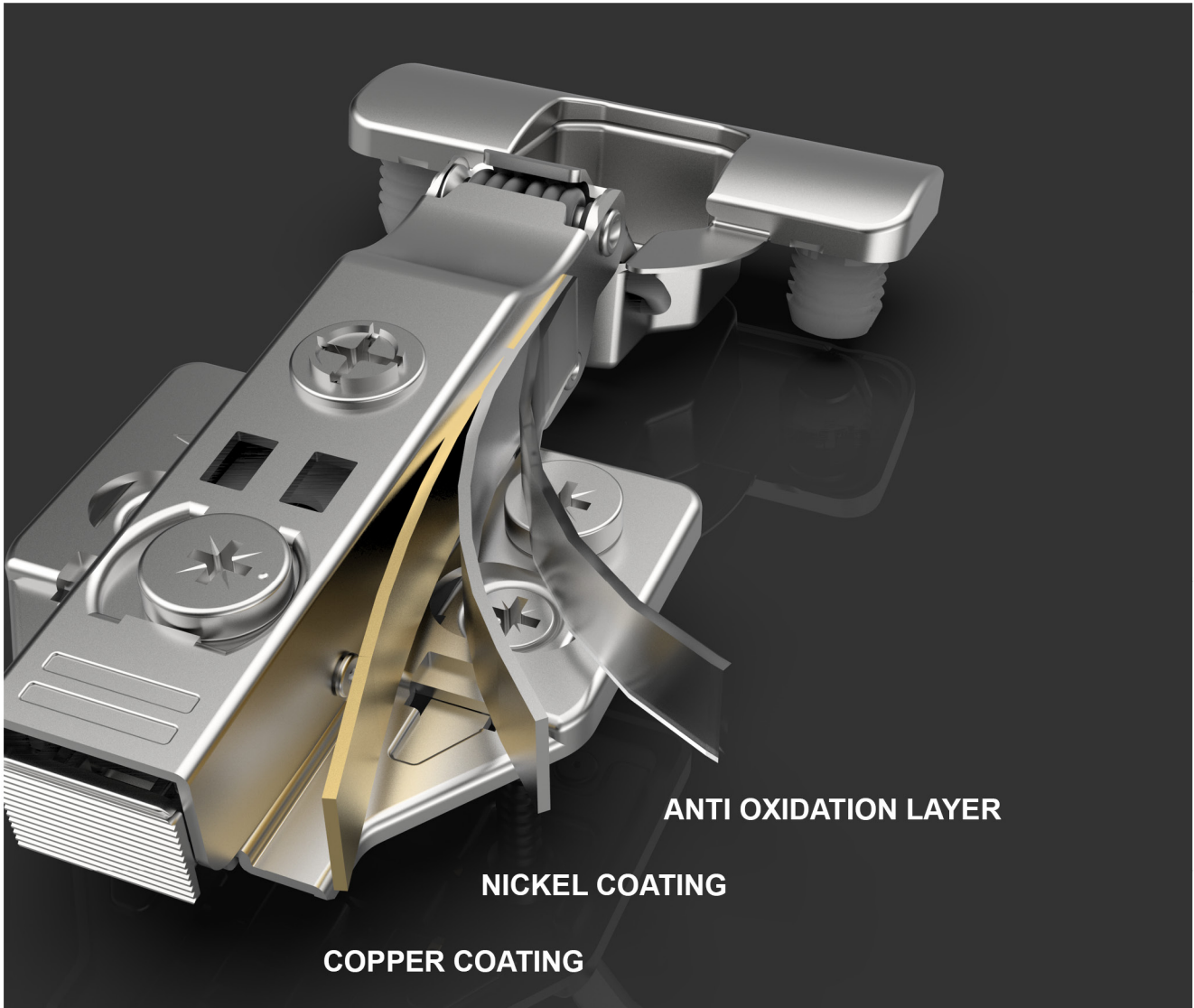
**SPECIAL ANGLE HINGE**

<p><b>HT2125</b> 125° Clip-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.62</b></p>	<p><b>HT2155</b> 155° Clip-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.62</b></p>	
<p><b>HG1165</b> 165° Slide-on hinge</p>  <p style="text-align: right;"><b>A.63</b></p>	<p><b>HS0165</b> 165° General type hydraulic hinge</p>  <p style="text-align: right;"><b>A.63</b></p>	<p><b>HS2165</b> 165° Clip-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.63</b></p>
<p><b>HG1301</b> 30° Slide-on hinge</p>  <p style="text-align: right;"><b>A.64</b></p>	<p><b>HS2301</b> 30° Clip-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.64</b></p>	<p><b>HG1451</b> 45° Slide-on hinge</p>  <p style="text-align: right;"><b>A.64</b></p>
<p><b>HS1451</b> 45° Slide-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.65</b></p>	<p><b>HS2451</b> 45° Clip-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.65</b></p>	<p><b>HS1901</b> 90° Slide-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.65</b></p>
<p><b>HG1901</b> 90° Slide-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.66</b></p>	<p><b>HS2901</b> 90° Clip-on hydraulic hinge</p>  <p style="text-align: right;"><b>A.66</b></p>	<p><b>HG1151</b> 115° Slide-on hinge</p>  <p style="text-align: right;"><b>A.66</b></p>

**ARBITRARY  
HOVER**

**50° -105°**





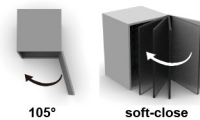
**MECOMPACT  
HINGE**

**MEATON**

# MECOMPACT M20 HINGE

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

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



**A**

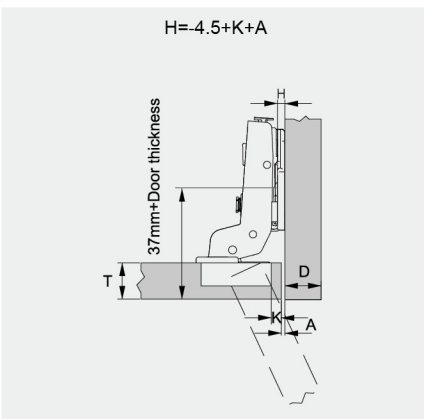
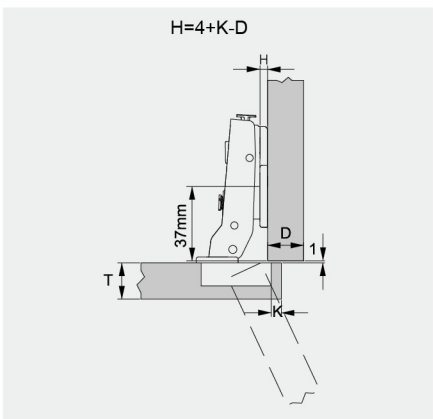
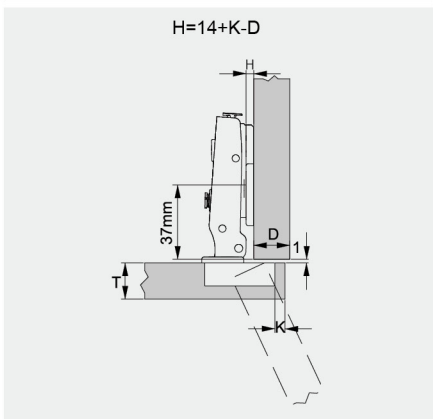
Hinge Series



## 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
Without Hydraulic	HS3380D/HY3380D

Hydraulic	HS3380B/HY3380B
Without Hydraulic	HS3380E/HY3380E

Hydraulic	HS3380C/HY3380C
Without Hydraulic	HS3380I/HY3380I

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)

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)

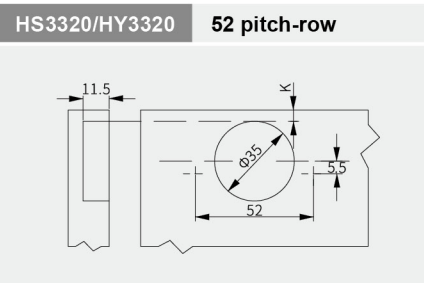
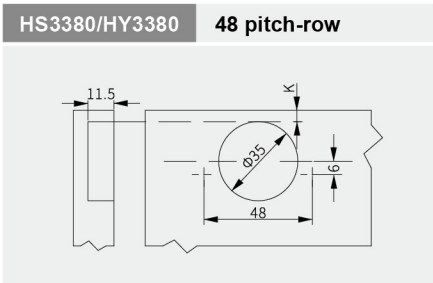
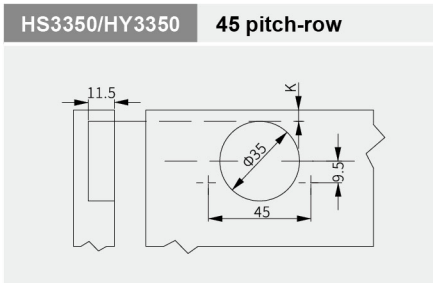
Drilling distance K (mm)	Front overlay D (mm)						
	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5
3					0		2
4					0		2
5				0		2	
6		0		2			
7	0		2				

Mounting plate height H (mm)

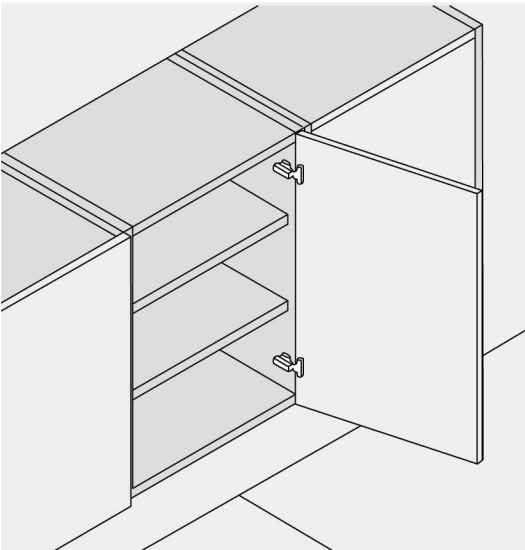
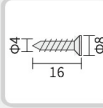

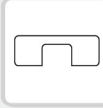
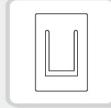
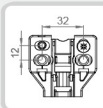
## Overlay Table

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

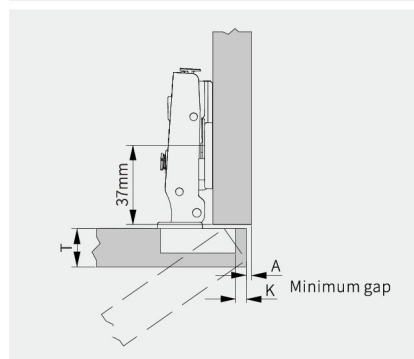
## Drilling For Cup



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

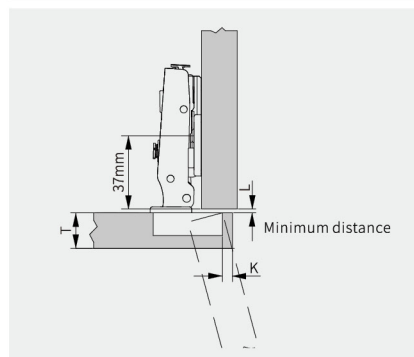
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	 <p>Angle Restrictor</p>
	<p>The accessory information parameters are on page <a href="#">A.42</a></p>	
	 <p>Optional: Mounting Plate</p>	
	<p>The accessory information parameters are on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

## Minimum Gap Required To Door Opening



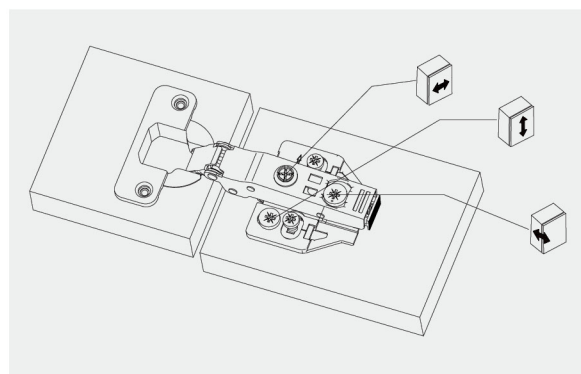
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### Adjustment Range

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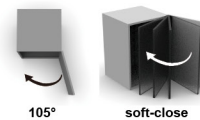
### Mounting plate

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

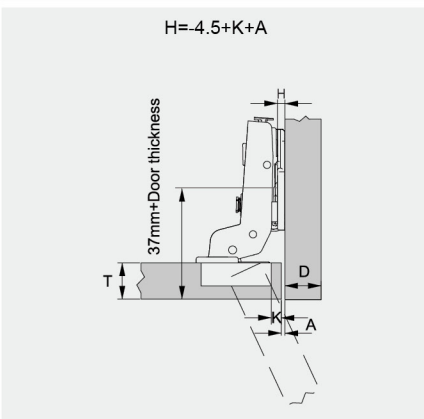
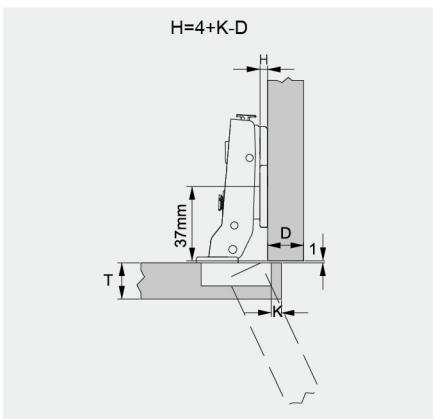
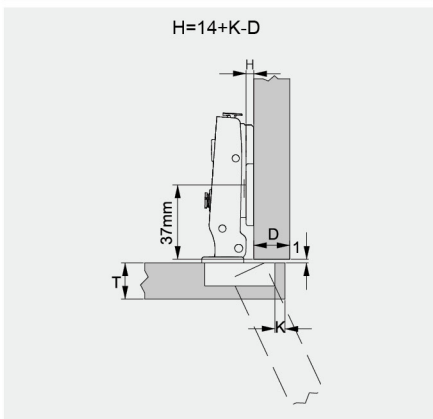
Hinge Series



## 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
Without Hydraulic	HS2380D/HY2380D

Hydraulic	HS2380B/HY2380B
Without Hydraulic	HS2380E/HY2380E

Hydraulic	HS2380C/HY2380C
Without Hydraulic	HS2380I/HY2380I

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)

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)

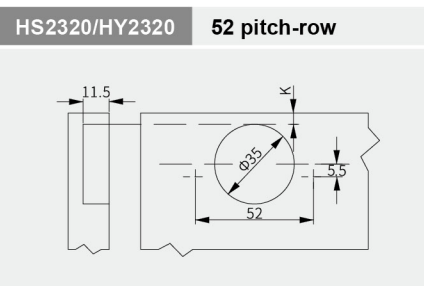
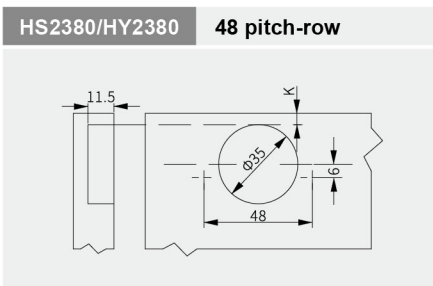
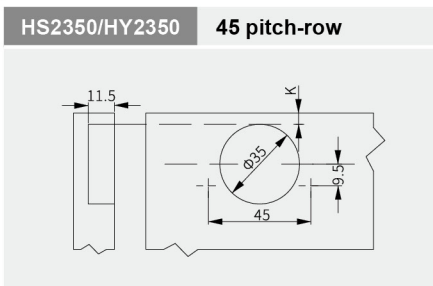
Drilling distance K (mm)	Front overlay D (mm)						
	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5
3				0			2
4				0		2	
5			0		2		
6		0		2			
7	0		2				

Mounting plate height H (mm)

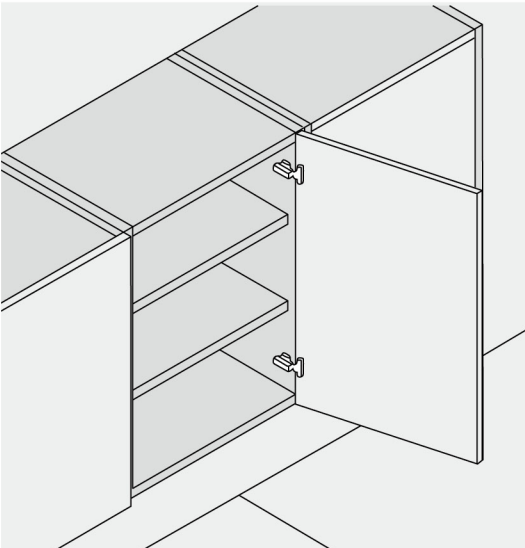
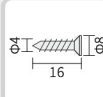

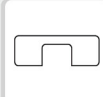
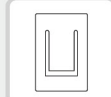
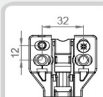
## Overlay Table

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

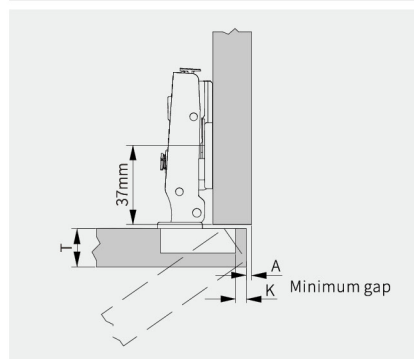
## Drilling For Cup



## Clip-on hydraulic hinge (Small angle)

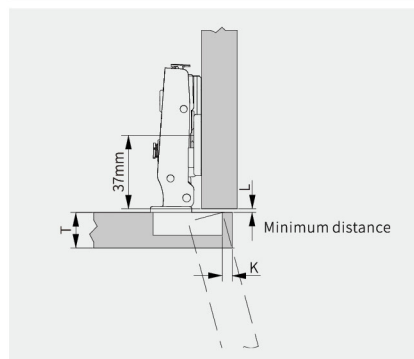
Application	Accessories
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 5px; width: 45%;">  <p>Optional: With Screw / Dowel For Cup</p> </div> <div style="border: 1px solid #ccc; padding: 5px; width: 45%;">  <p>Arm cover</p> </div> </div>
	<div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

## Minimum Gap Required To Door Opening



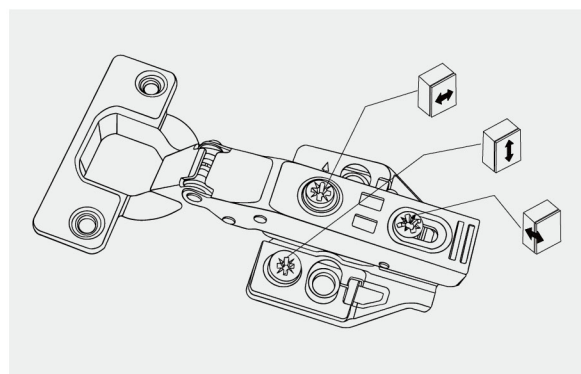
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
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

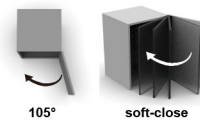
### Mounting plate

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

# MECOMPACT M20 HINGE

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

General-type hydraulic hinge (Small angle)



**A**

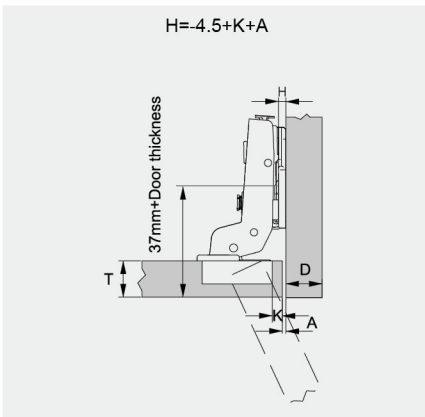
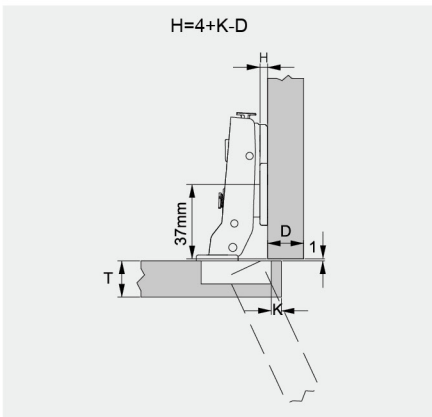
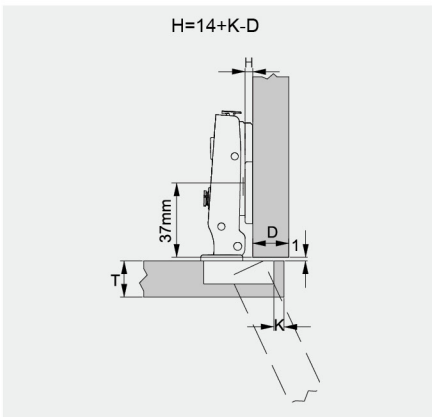
Hinge Series



## 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, slide-on.

### A - Overlay      B - Half overlay      C - Inset



Hydraulic	HS0380A/HY0380A
Without Hydraulic	HS0380D/HY0380D

Hydraulic	HS0380B/HY0380B
Without Hydraulic	HS0380E/HY0380E

Hydraulic	HS0380C/HY0380C
Without Hydraulic	HS0380I/HY0380I

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)

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)

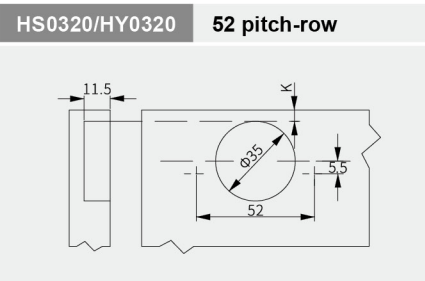
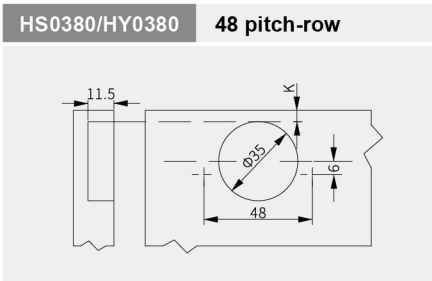
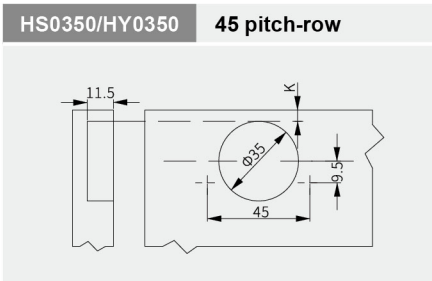
Drilling distance K (mm)	Front overlay D (mm)						
	-2.5	-1.5	-0.5	0.5	1.5	2.5	3.5
3					0		2
4					0		2
5				0		2	
6		0		2			
7	0		2				

Mounting plate height H (mm)

### Overlay Table

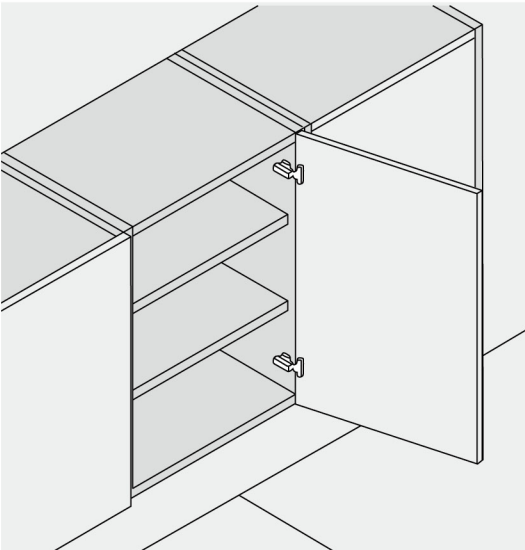
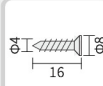

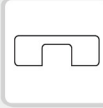
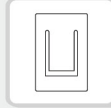
H=Height of hinge base  
 D=Required overlay on side board  
 K=Distance between door edge and drilling holes on hinge cup  
 A=Gap between door and side board

### Drilling For Cup

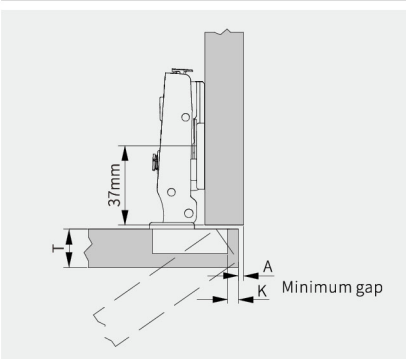




## General-type hydraulic hinge (Small angle)

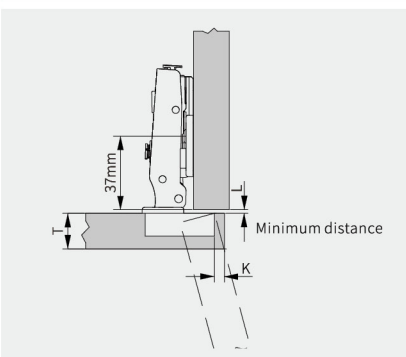
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	 <p>Angle Restrictor</p>
	The accessory information parameters are on page <a href="#">A.42</a>	

## Minimum Gap Required To Door Opening



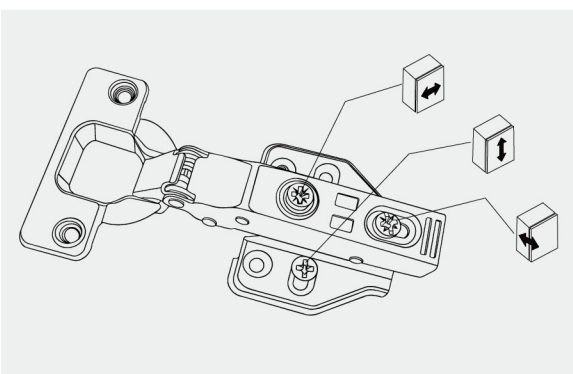
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### 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>
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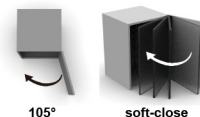
### Mounting plate

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

# MECOMPACT M20 HINGE

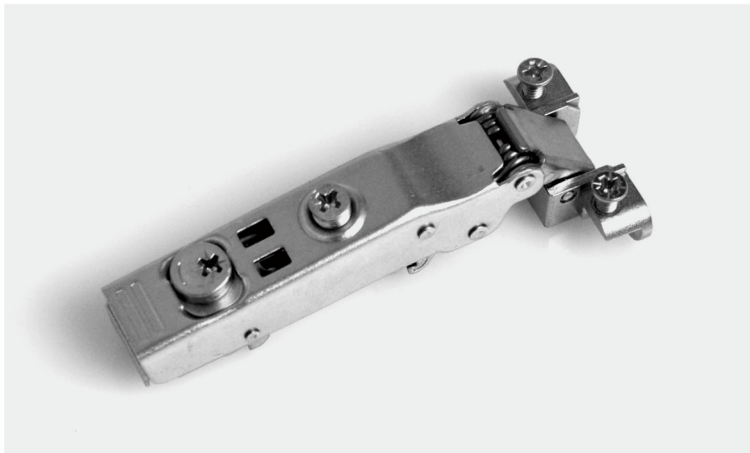
HS3100(Two way) / HY3100(One way)

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



A

Hinge Series

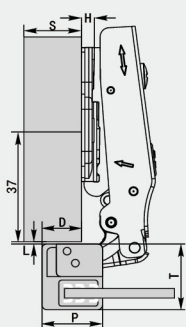


## Technical specifications:

- 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

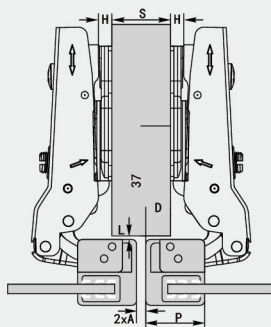
$$H = -2 + P - (D)$$



Hydraulic	HS3100A/HY3100A
Without Hydraulic	HS3100D/HY3100D

### B - Half overlay

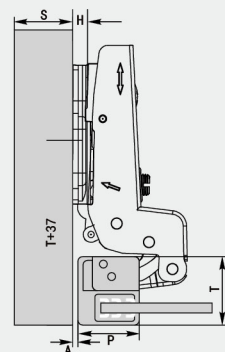
$$H = -11 + P - (D)$$



Hydraulic	HS3100B/HY3100B
Without Hydraulic	HS3100E/HY3100E

### C - Inset

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



Hydraulic	HS3100C/HY3100C
Without Hydraulic	HS3100I/HY3100I

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)

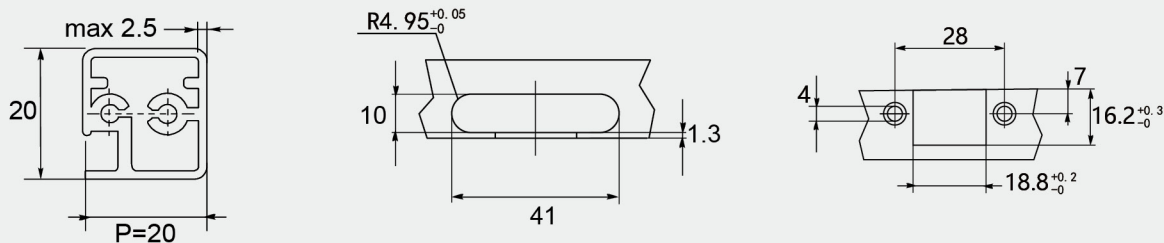
Aluminum Profile Width P(mm)	Front overlay D (mm)									
	-3	-2	-1	0	1	2	3	4	5	
19				0		2		4		
20				0	2		4			
21			0	2		4				
22		0	2		4					
23	0	2		2						

Mounting plate height H (mm)

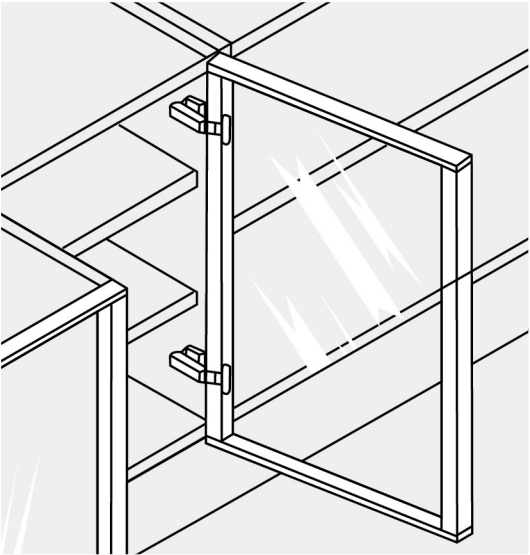

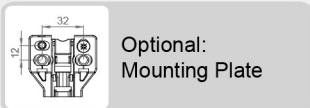
## Overlay Table

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

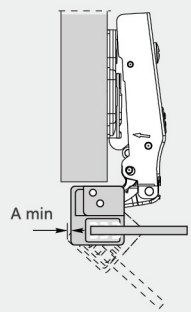
## Drilling Size



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

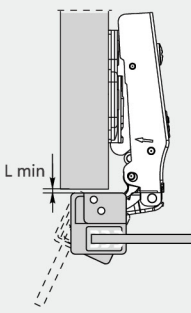
Application	Screw Accessories
	 <p>Arm cover</p> <p>The accessory information parameters are on page <a href="#">A.42</a></p>
	 <p>Optional: Mounting Plate</p> <p>The accessory information parameters are on page <a href="#">A.43</a></p>

**Minimum Gap Required To Door Opening**



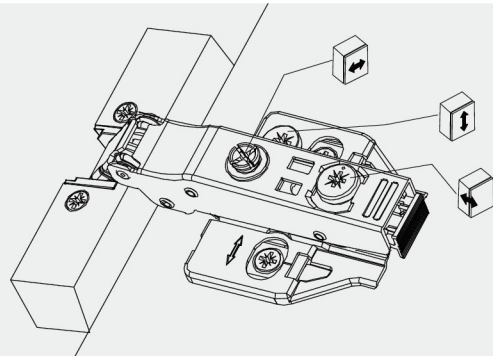
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
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

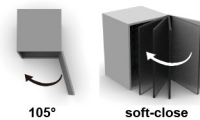
**Mounting plate**

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

# MECOMPACT M20 HINGE

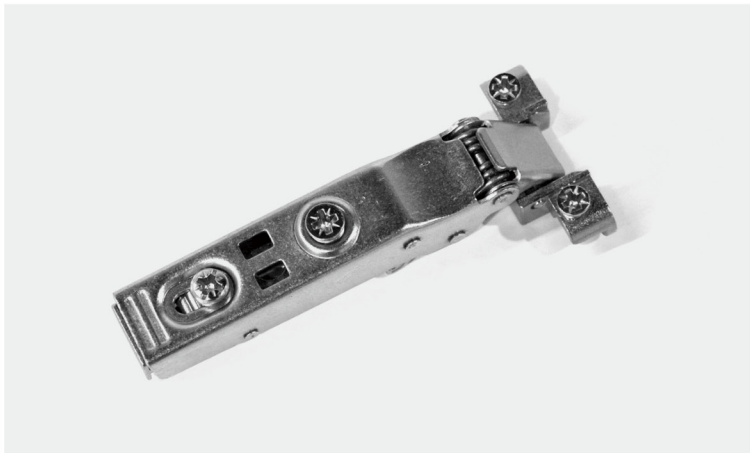
HS2100(Two way) / HY2100(One way)

Clip-on hydraulic hinge (Small angle)



A

Hinge Series

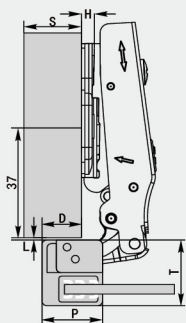


## Technical specifications:

- 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

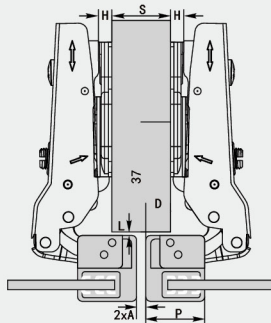
$$H = -2 + P - (D)$$



Hydraulic	HS2100A/HY2100A
Without Hydraulic	HS2100D/HY2100D

### B - Half overlay

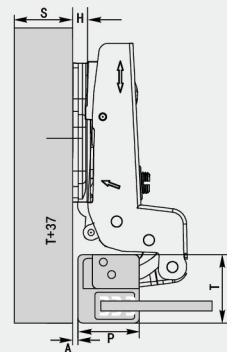
$$H = -11 + P - (D)$$



Hydraulic	HS2100B/HY2100B
Without Hydraulic	HS2100E/HY2100E

### C - Inset

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



Hydraulic	HS2100C/HY2100C
Without Hydraulic	HS2100I/HY2100I

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)

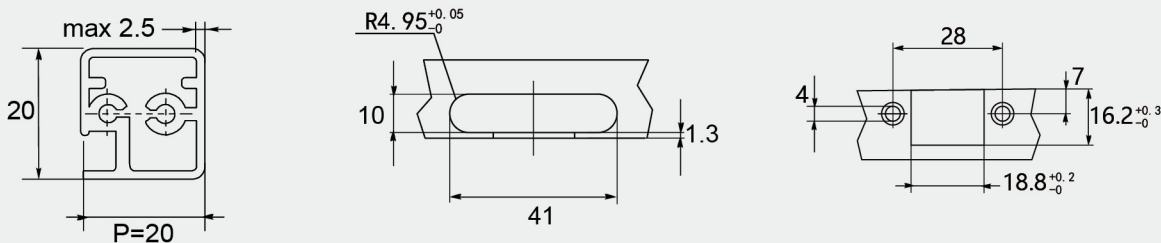
Aluminum Profile Width P(mm)	Front overlay D (mm)									
	-3	-2	-1	0	1	2	3	4	5	
19					0		2		4	
20				0		2		4		
21			0		2		4			
22		0		2		4				
23	0		2		2					

Mounting plate height H (mm)

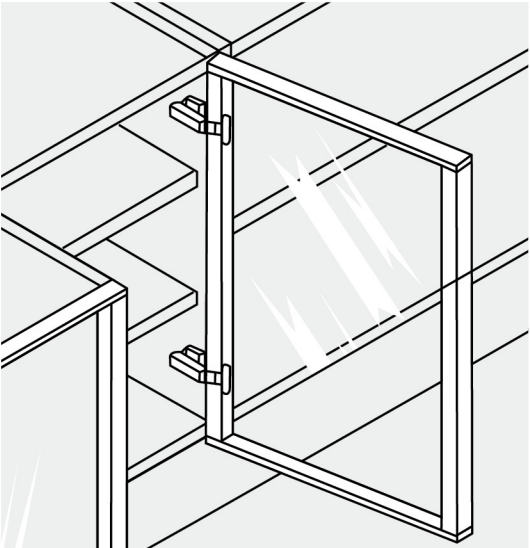


## Overlay Table

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

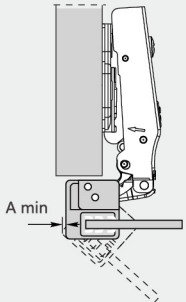
## Drilling Size



## Clip-on hydraulic hinge (Small angle)

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

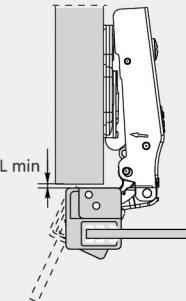
## Minimum Gap Required To Door Opening



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

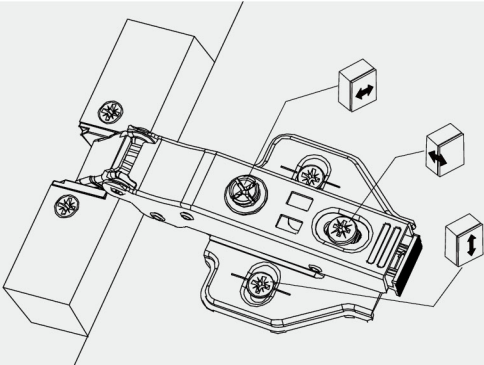
T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
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

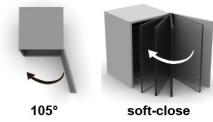
### Mounting plate

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

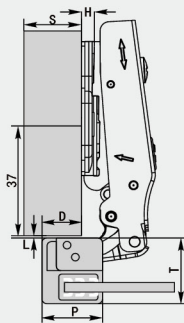


## Technical specifications:

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

### A - Overlay

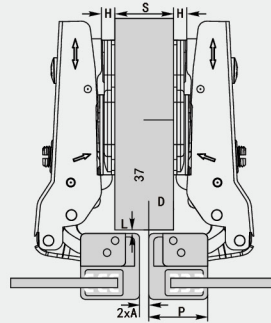
$$H = -2 + P - (D)$$



Hydraulic	HS0100A/HY0100A
Without Hydraulic	HS0100D/HY0100D

### B - Half overlay

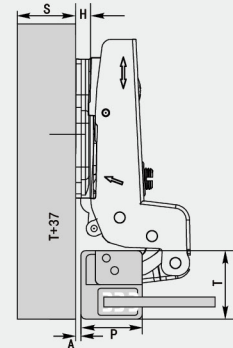
$$H = -11 + P - (D)$$



Hydraulic	HS0100B/HY0100B
Without Hydraulic	HS0100E/HY0100E

### C - Inset

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



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)

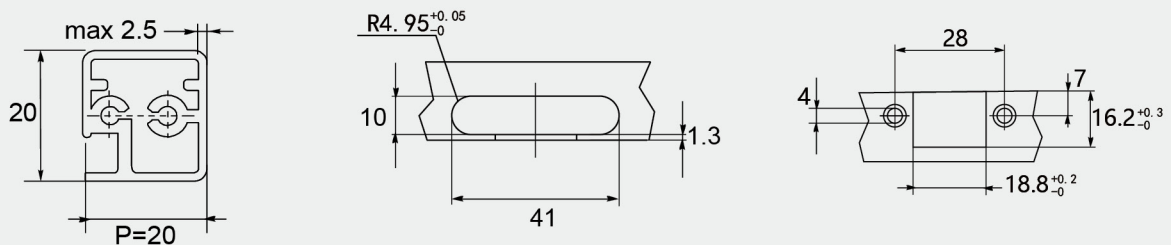
Aluminum Profile Width P(mm)	Front overlay D (mm)									
	-3	-2	-1	0	1	2	3	4	5	
19				0		2		4		
20				0	2		4			
21			0	2		4				
22		0	2		4					
23	0	2		2						

Mounting plate height H (mm)

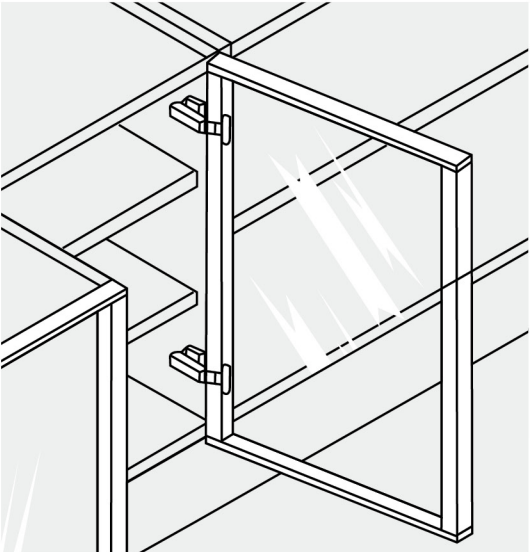

## Overlay Table

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

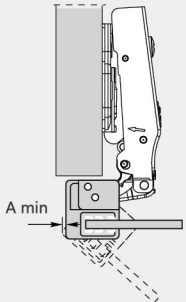
## Drilling Size



## General-type hydraulic hinge (Small angle)

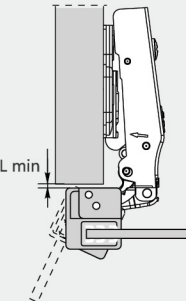
Application	Screw Accessories
	
<p>The accessory information parameters are on page <a href="#">A.42</a></p>	

## Minimum Gap Required To Door Opening



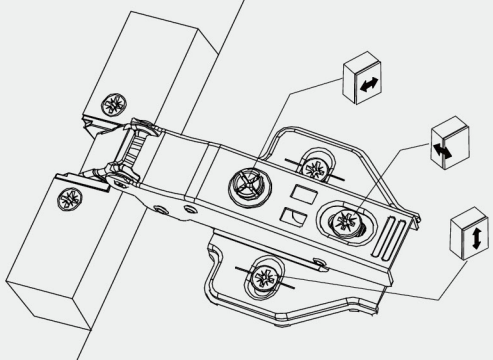
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### 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>
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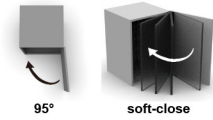
### Mounting plate

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)



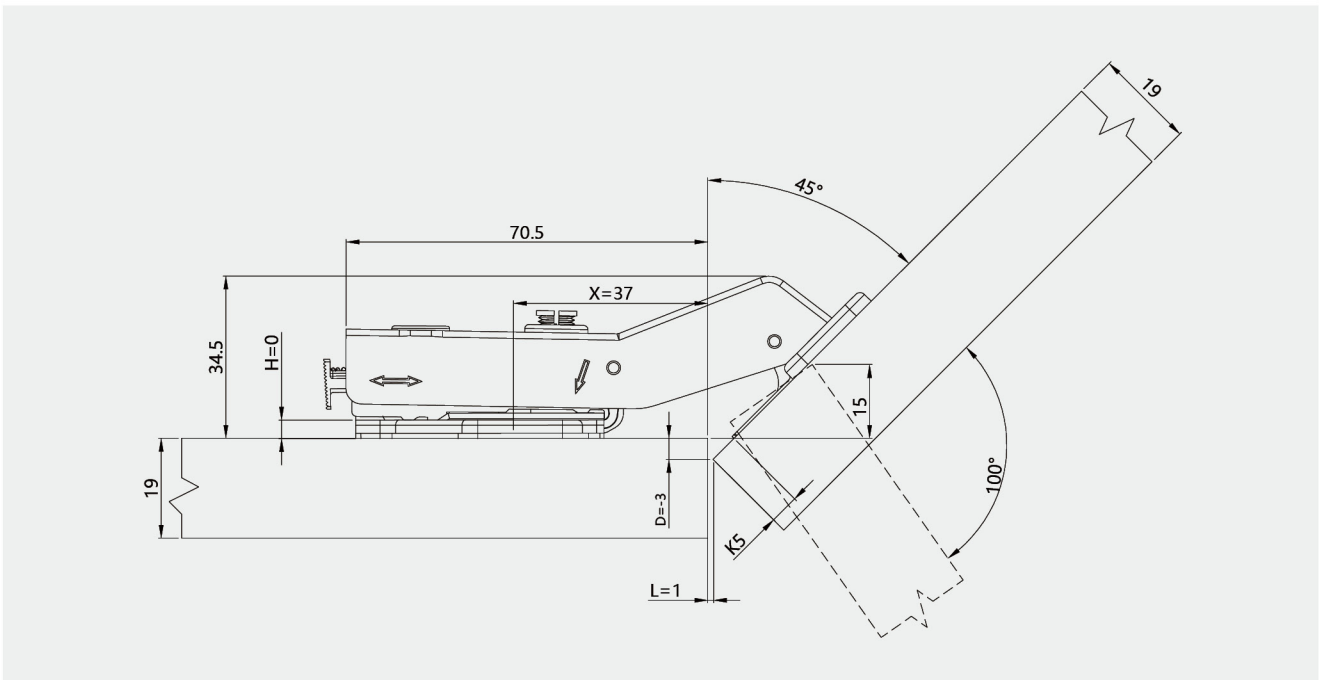
Hinge Series



### 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

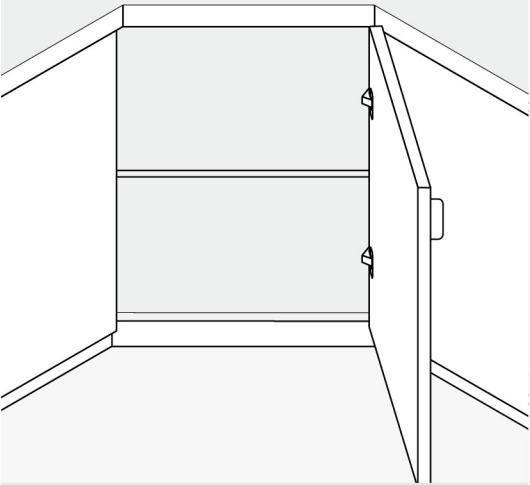
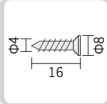

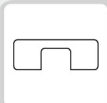
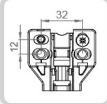
H=Height of hinge base  
 D=Required overlay on side board  
 K=Distance between door edge and drilling holes on hinge cup  
 A=Gap between door and side board

### Drilling For Cup

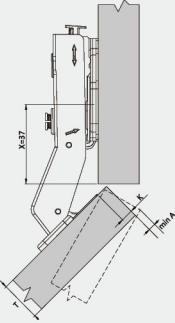
HT3350-45	45 pitch-row	HT3380-45	48 pitch-row	HT3320-45	52 pitch-row



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

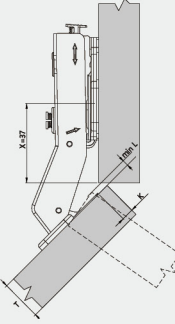
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	<p>The accessory information parameters are on page <a href="#">A.42</a></p>
	 <p>Optional: Mounting Plate</p>	<p>The accessory information parameters are on page <a href="#">A.43</a></p>

## Minimum Gap Required To Door Opening



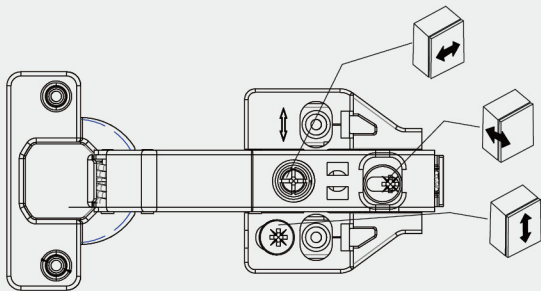
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### Adjustment Range

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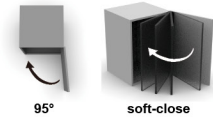
### Mounting plate

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)



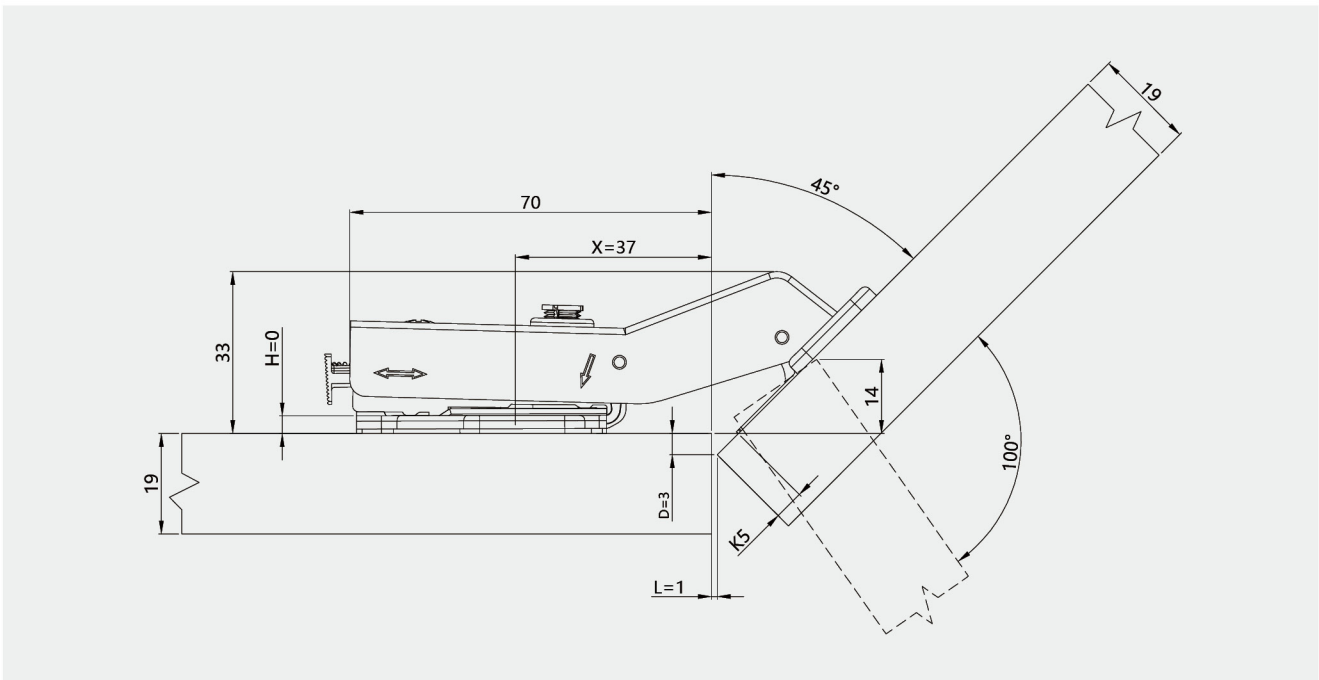
Hinge Series



### 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



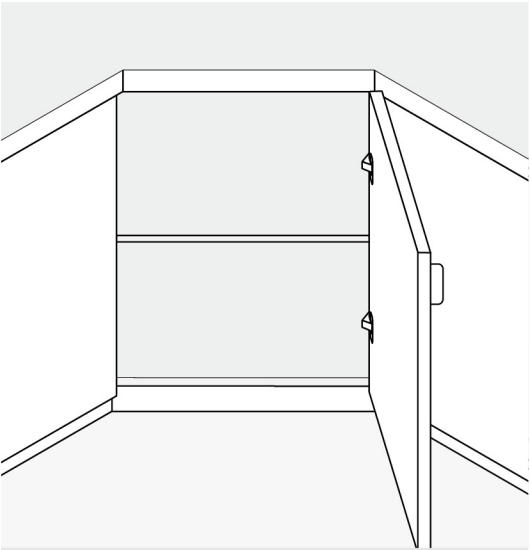
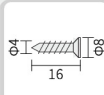

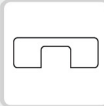
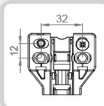
### Overlay Table

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

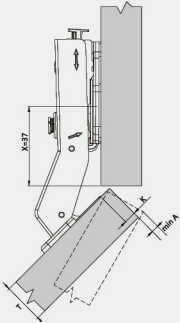
### Drilling For Cup

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

## Clip-on hydraulic hinge (Small angle)

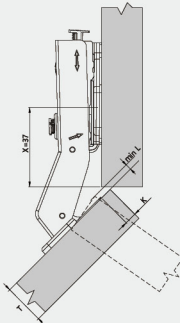
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	<p>The accessory information parameters are on page <a href="#">A.42</a></p>
	 <p>Optional: Mounting Plate</p>	<p>The accessory information parameters are on page <a href="#">A.43</a></p>

## Minimum Gap Required To Door Opening



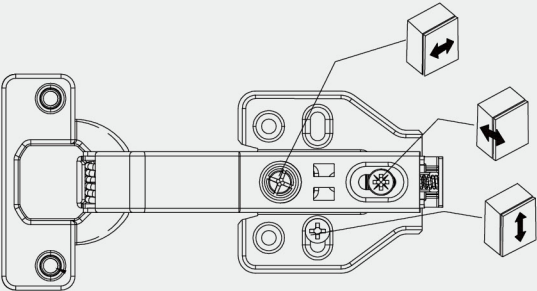
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### Adjustment Range

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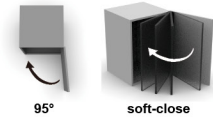
### Mounting plate

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**

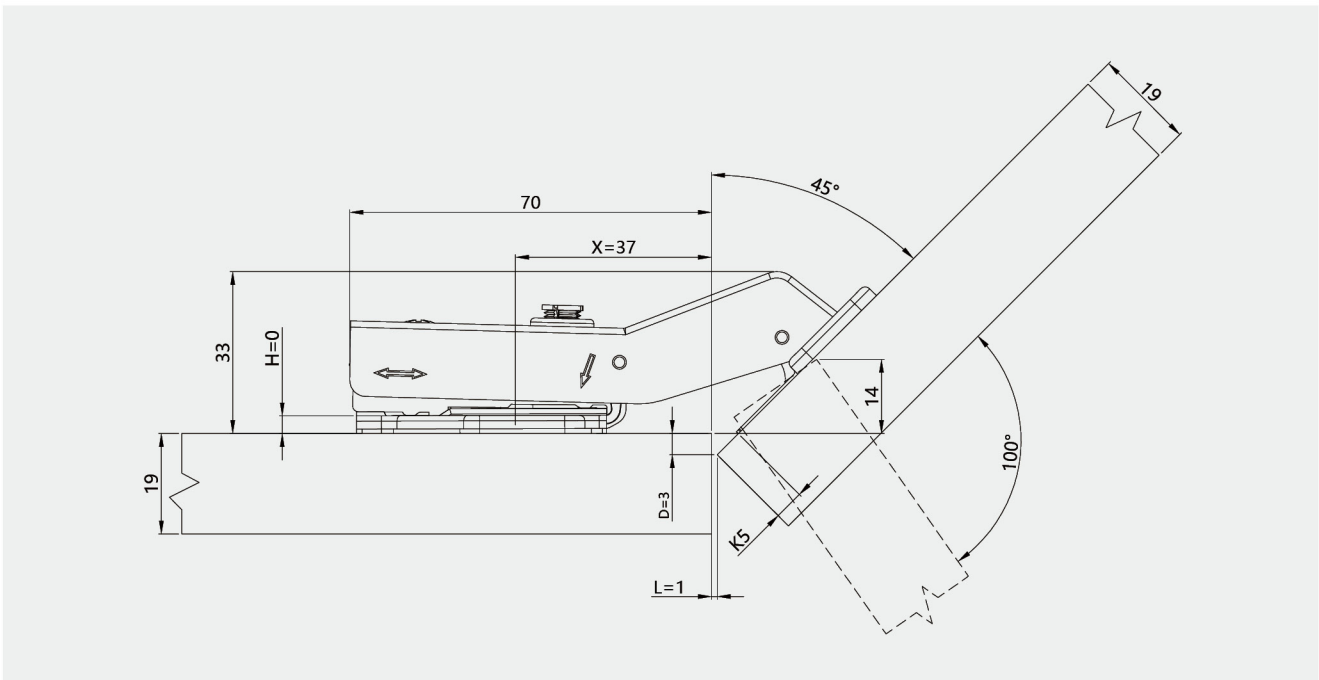
Hinge Series



### 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, slide-on.

### 45° - Hinge



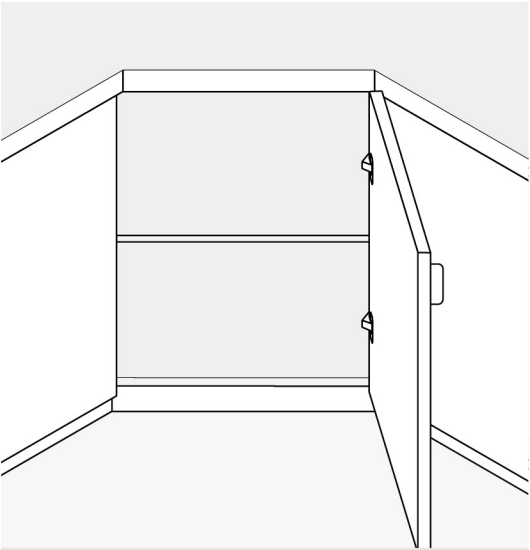
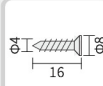

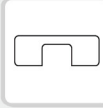
### Overlay Table

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

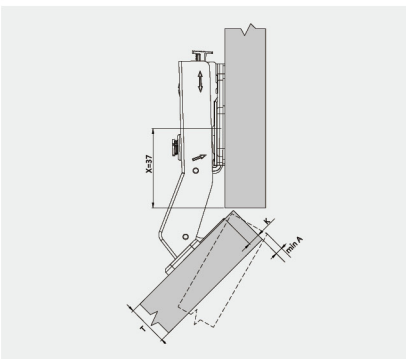
HT0350-45	45 pitch-row	HT0380-45	48 pitch-row	HT0320-45	52 pitch-row

## 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>

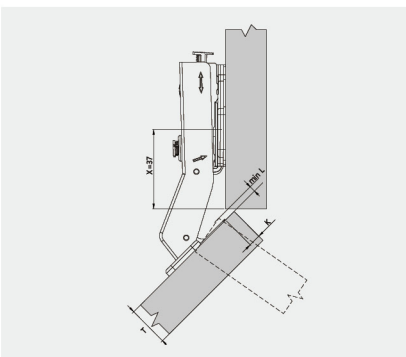
The accessory information parameters are on page [A.42](#)

## Minimum Gap Required To Door Opening



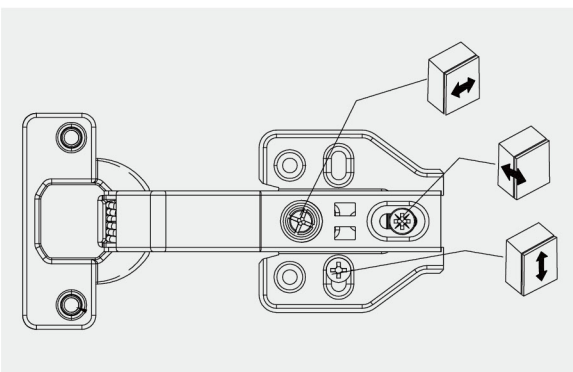
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### Adjustment Range

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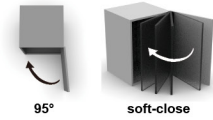
### Mounting plate

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)



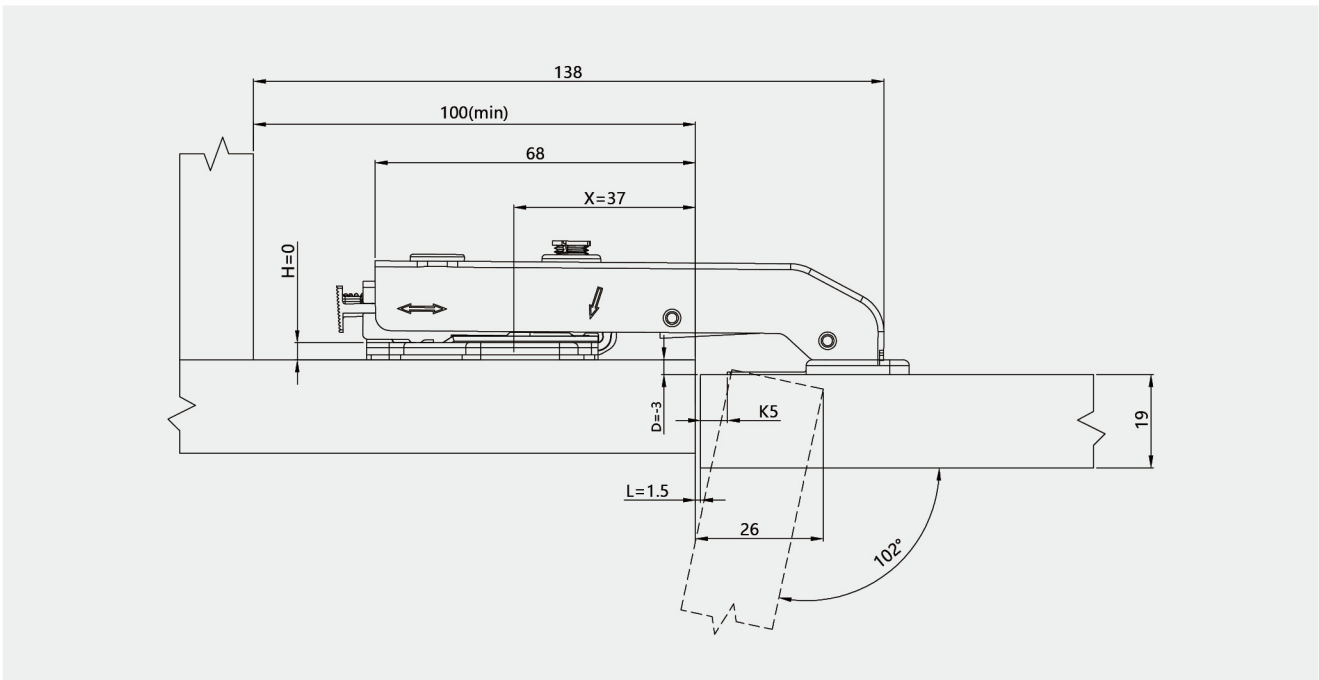
Hinge Series



### 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



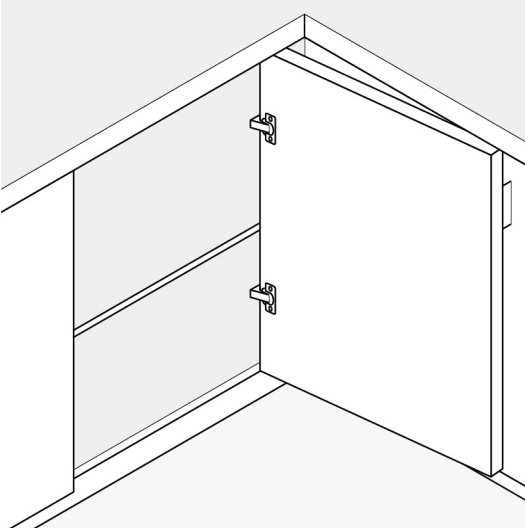
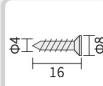

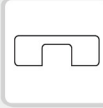
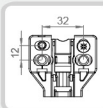
### Overlay Table

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

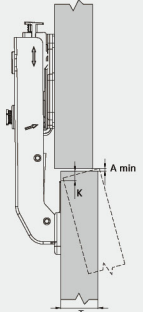
### Drilling For Cup

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

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

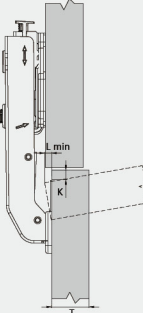
Application	Screw Accessories	
	 <p>Optional: With Screw / Dowel For Cup</p>	 <p>Arm cover</p>
	 <p>Cup cover</p>	<p>The accessory information parameters are on page <a href="#">A.42</a></p>
	 <p>Optional: Mounting Plate</p>	<p>The accessory information parameters are on page <a href="#">A.43</a></p>

## Minimum Gap Required To Door Opening



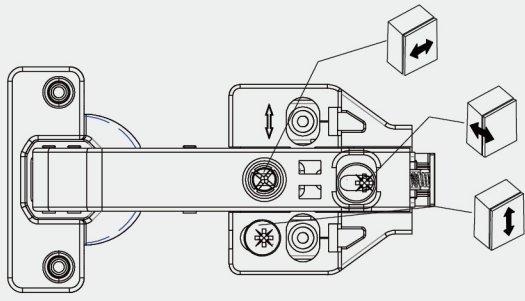
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### Adjustment Range

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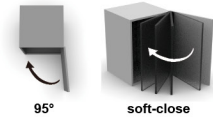
### Mounting plate

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**

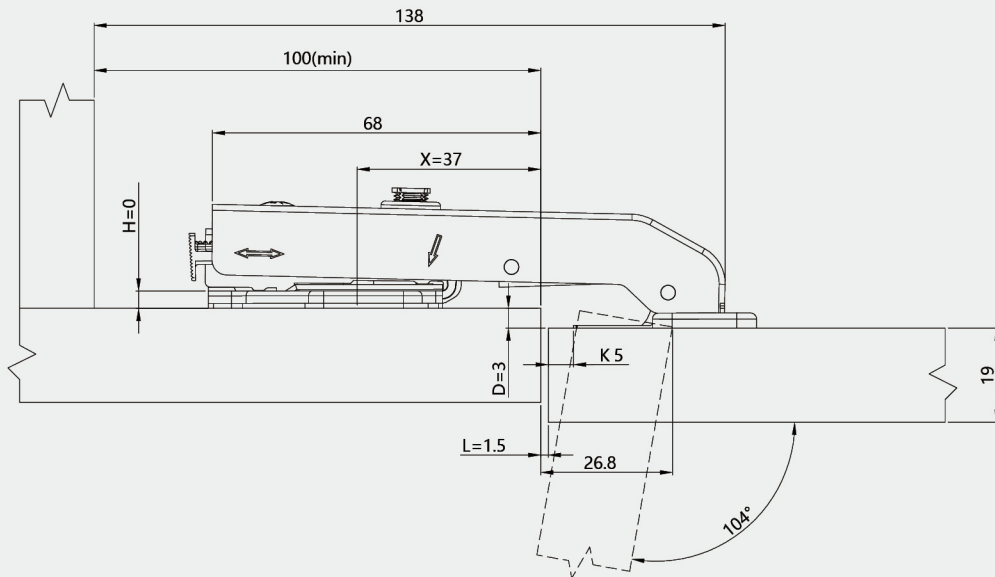
Hinge Series



## 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

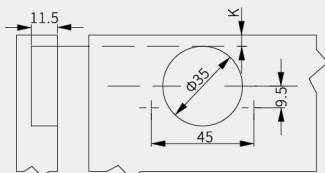


## Overlay Table

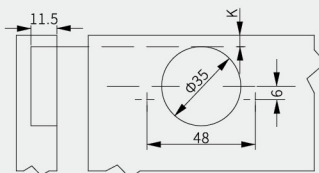
H=Height of hinge base  
 D=Required overlay on side board  
 K=Distance between door edge and drilling holes on hinge cup  
 A=Gap between door and side board

## Drilling For Cup

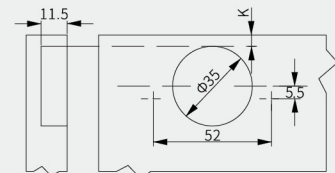
**HT2350-90** 45 pitch-row



**HT2380-90** 48 pitch-row

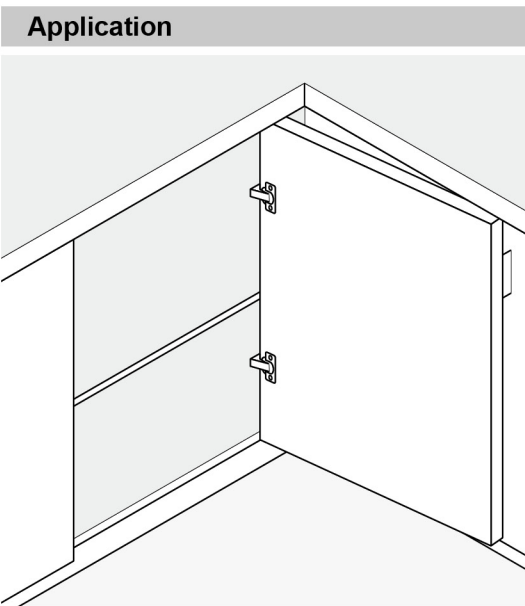


**HT2320-90** 52 pitch-row

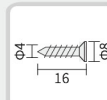




## Clip-on hydraulic hinge (Small angle)



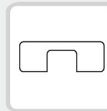
### Screw Accessories



Optional:  
With Screw / Dowel  
For Cup

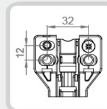


Arm cover



Cup cover

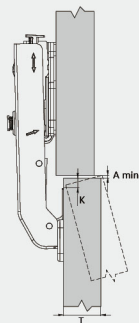
The accessory information parameters are on page [A.42](#)



Optional:  
Mounting Plate

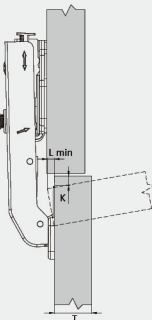
The accessory information parameters are on page [A.43](#)

### Minimum Gap Required To Door Opening



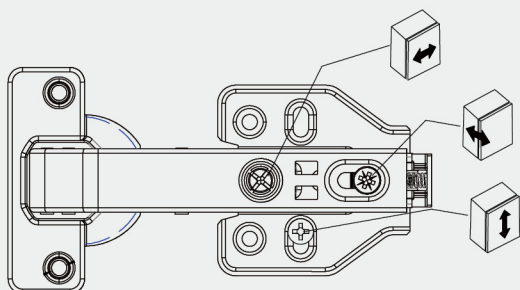
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



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

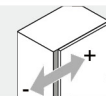
T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



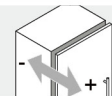
### Adjustment Range



Up and down adjustment  
± 2mm



Cover plate adjustment  
+3/ -4mm



Door seam adjustment  
+3.5/ -5.5mm

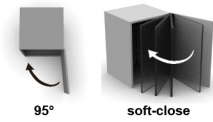
### Mounting plate

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**

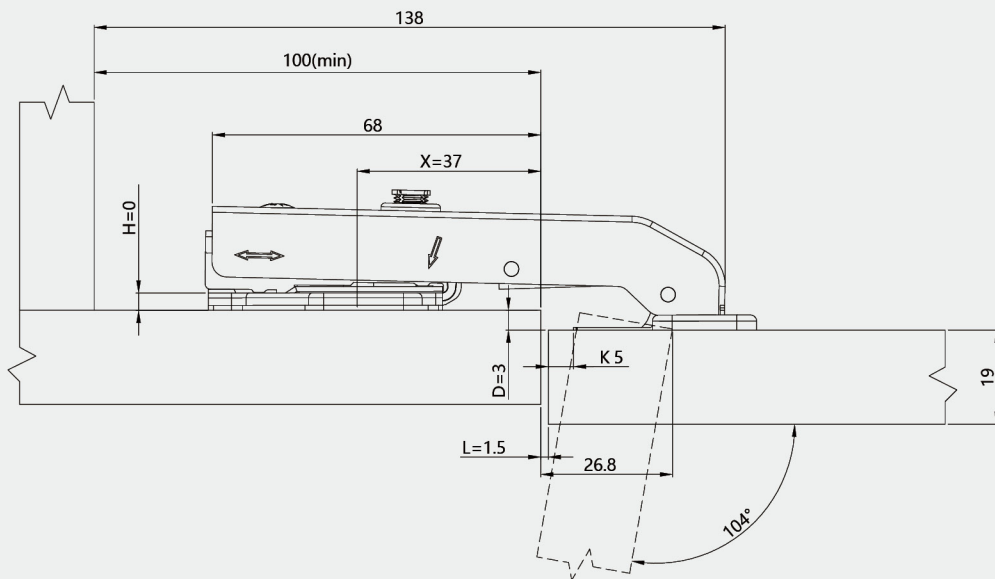
Hinge Series



## 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, slide-on.

## 90°- Hinge

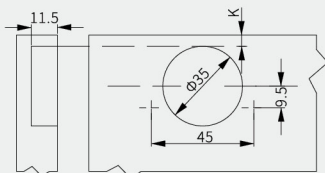


## Overlay Table

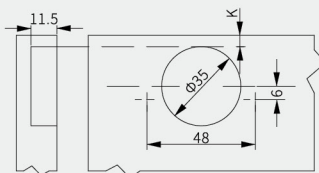
H=Height of hinge base  
 D=Required overlay on side board  
 K=Distance between door edge and drilling holes on hinge cup  
 A=Gap between door and side board

## Drilling For Cup

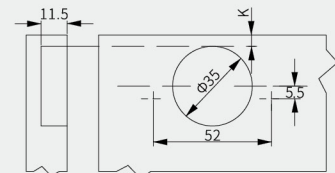
**HT0350-90** 45 pitch-row



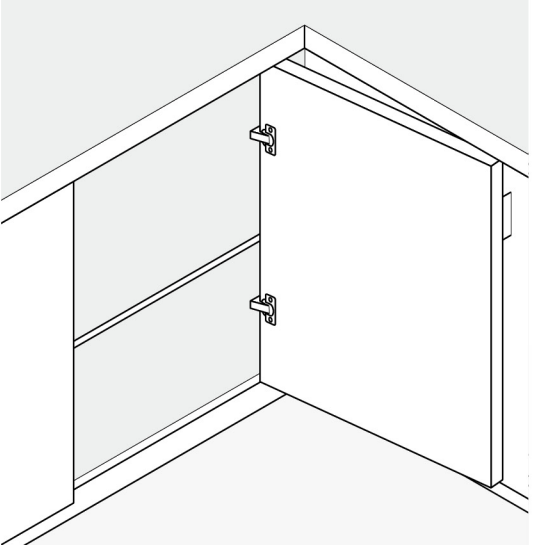
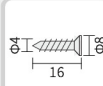

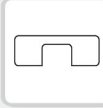
**HT0380-90** 48 pitch-row



**HT0320-90** 52 pitch-row

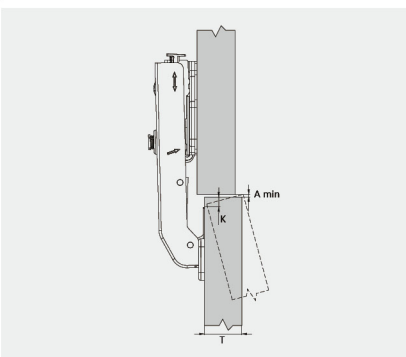


## General-type hydraulic hinge (Small angle)

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

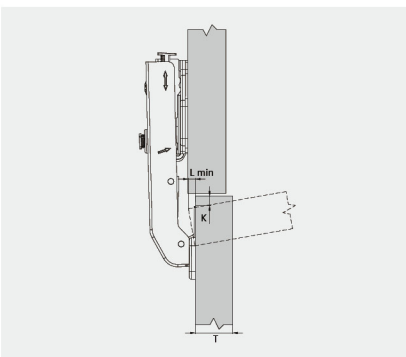
The accessory information parameters are on page [A.42](#)

## Minimum Gap Required To Door Opening



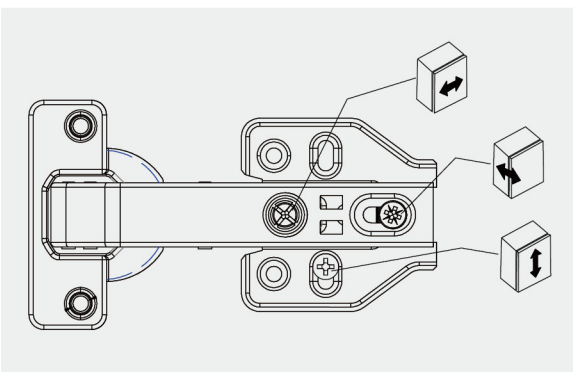
K(mm)	T(mm)	15	16	17	18	19	20	21	22
3	A(mm)	0.6	0.8	1.0	1.2	1.5	1.9	2.3	2.7
4		0.6	0.8	1.0	1.2	1.5	1.8	2.2	2.6
5		0.6	0.8	1.0	1.2	1.4	1.7	2.1	2.5
6		0.6	0.8	0.9	1.1	1.4	1.7	2.1	2.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### 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>
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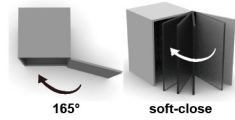
### Mounting plate

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

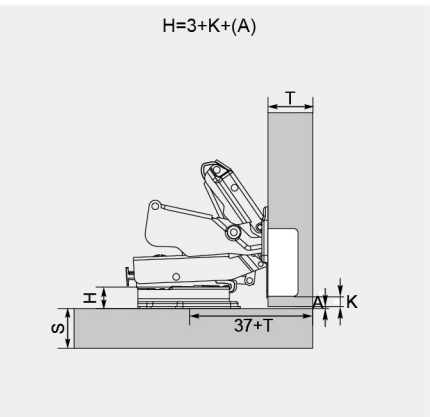
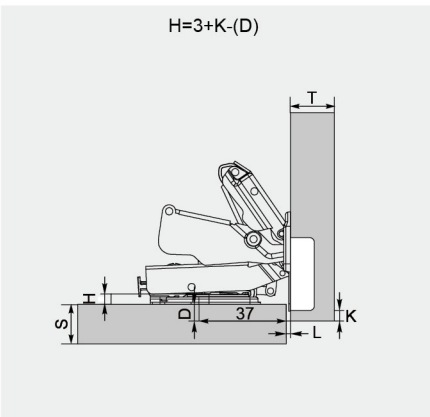
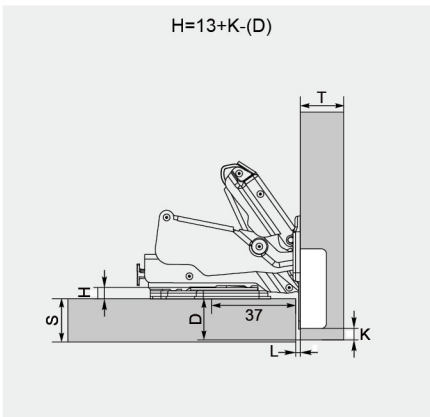
Hinge Series



### 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



Hydraulic	HT3380-165A
Without Hydraulic	HT3380-165D

Hydraulic	HT3380-165B
Without Hydraulic	HT3380-165E

Hydraulic	HT3380-165C
Without Hydraulic	HT3380-165I

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)

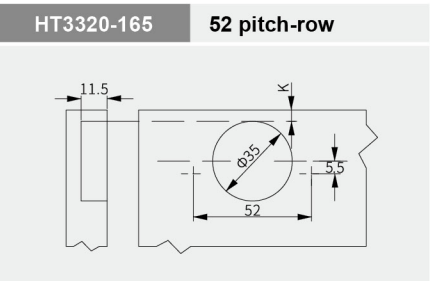
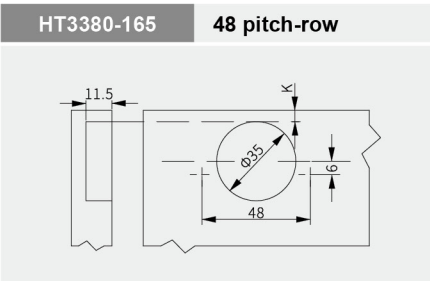
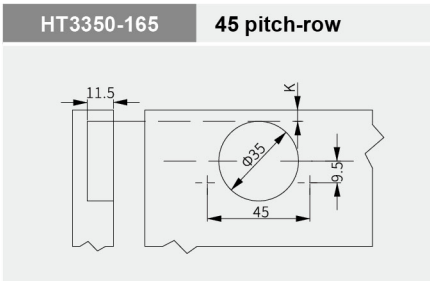
Drilling distance K (mm)	Front overlay D (mm)				
	0	-1	-2	-3	-4
3	6				
4		6			
5			6		
6				6	
7					6

Mounting plate height H (mm)

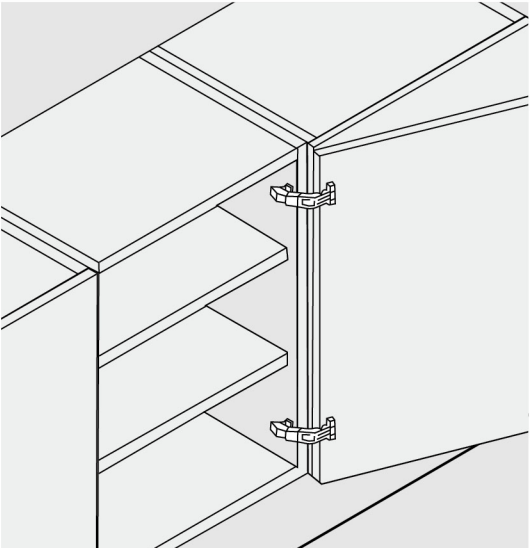
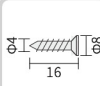
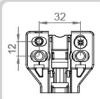
### Overlay Table

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

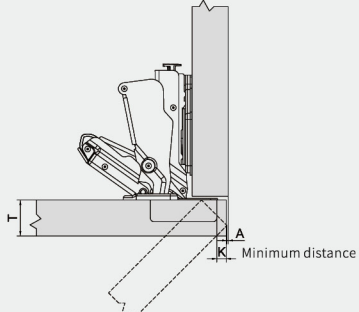
### Drilling For Cup



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

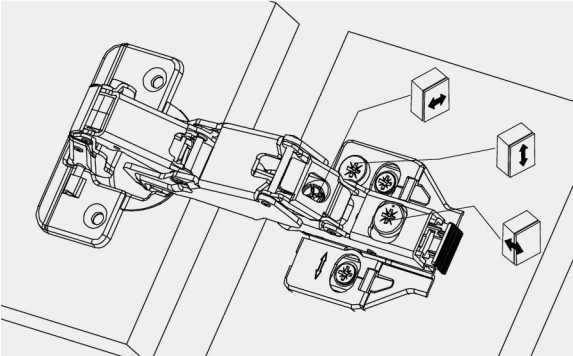
Application	Accessories
	 <p>Optional: With Screw / Dowel For Cup</p> <p style="text-align: right;">The accessory information parameters are on page <a href="#">A.42</a></p>
	 <p>Optional: Mounting Plate</p> <p style="text-align: right;">The accessory information parameters are on page <a href="#">A.43</a></p>

**Minimum Gap Required To Door Opening**






T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet

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



**Adjustment Range**

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

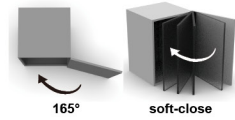
**Mounting plate**

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

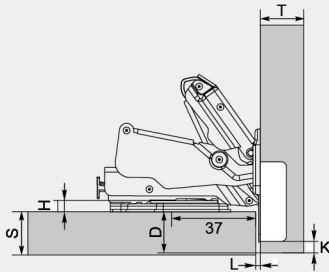


### Technical specifications:

- 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.

### A - Overlay

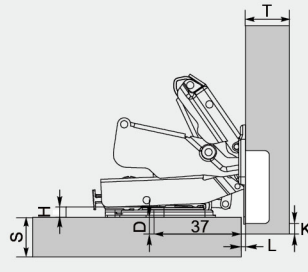
$$H=13+K-(D)$$



Hydraulic	HT2380-165A
Without Hydraulic	HT2380-165D

### B - Half overlay

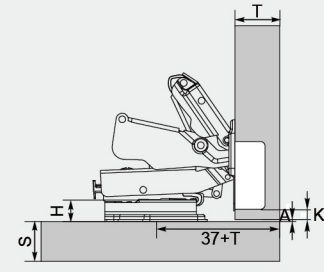
$$H=3+K-(D)$$



Hydraulic	HT2380-165B
Without Hydraulic	HT2380-165E

### C - Inset

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



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)

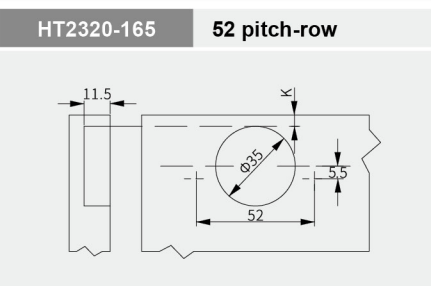
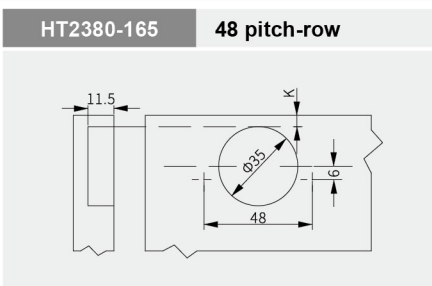
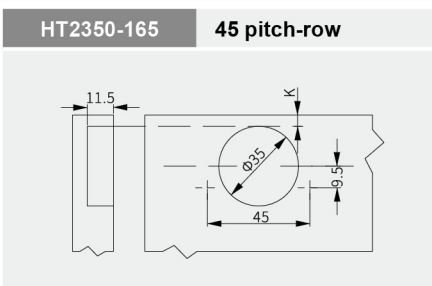
Drilling distance K (mm)	Front overlay D (mm)				
	0	-1	-2	-3	-4
3	6				
4		6			
5			6		
6				6	
7					6

Mounting plate height H (mm)

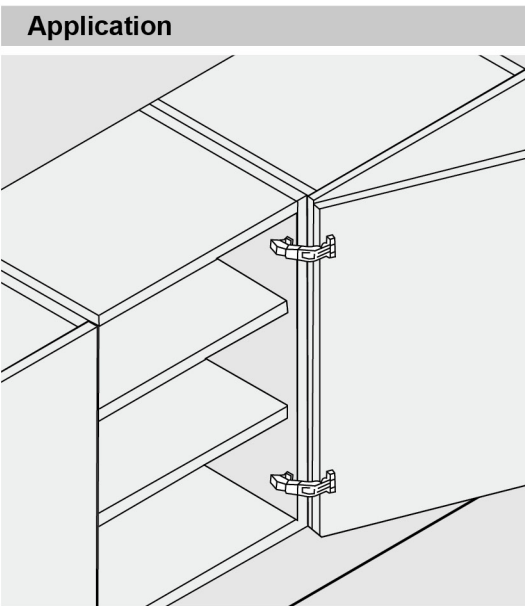
### Overlay Table

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

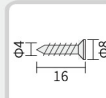
### Drilling For Cup



**Clip-on hydraulic hinge (Small angle)**

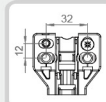


**Accessories**



Optional:  
With Screw / Dowel  
For Cup

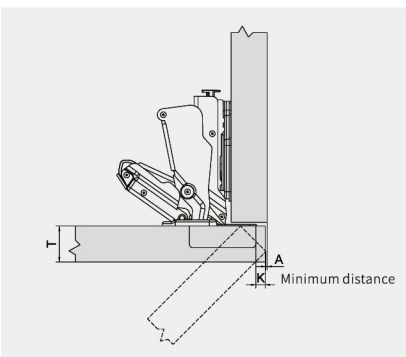
The accessory information parameters are on page [A.42](#)



Optional:  
Mounting Plate

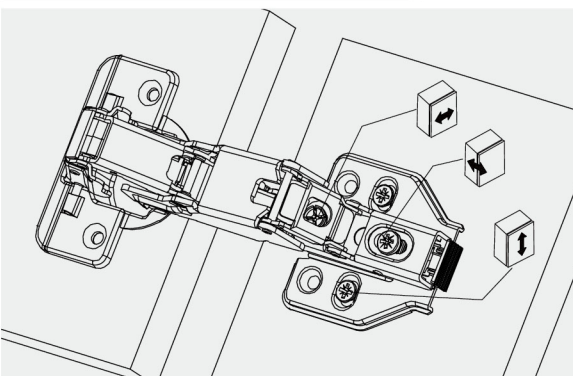
The accessory information parameters are on page [A.43](#)

**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

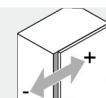
T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



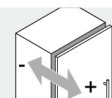
**Adjustment Range**



Up and down adjustment  
 $\pm 2\text{mm}$



Cover plate adjustment  
 $+5.5(\pm 0.5)\text{mm}$



Door seam adjustment  
 $\pm 3\text{mm}$

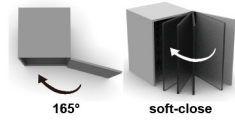
**Mounting plate**

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

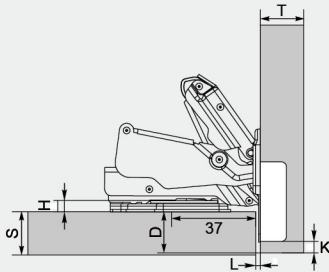


### Technical specifications:

- 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, slide-on.

### A - Overlay

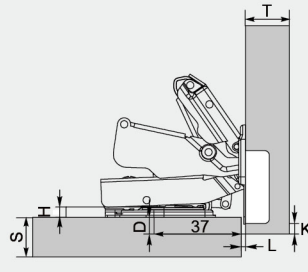
$$H=13+K-(D)$$



Hydraulic	HT0380-165A
Without Hydraulic	HT0380-165D

### B - Half overlay

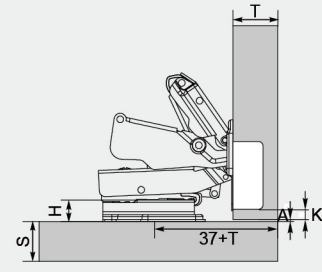
$$H=3+K-(D)$$



Hydraulic	HT0380-165B
Without Hydraulic	HT0380-165E

### C - Inset

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



Hydraulic	HT0380-165C
Without Hydraulic	HT0380-165I

Drilling distance K (mm)	Front overlay D (mm)										
	13	14	15	16	17	18	19	20	21		
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)										
	3	4	5	6	7	8	9	10	11		
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)

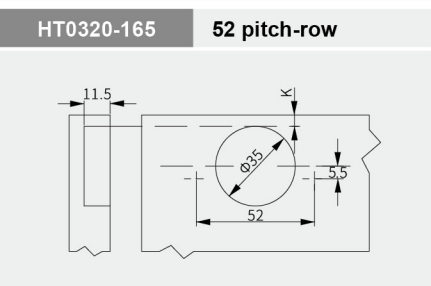
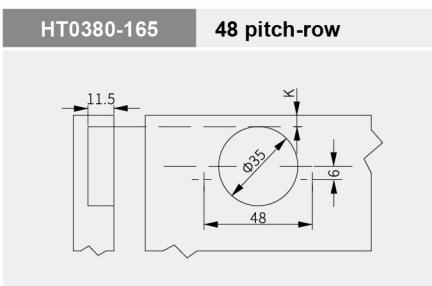
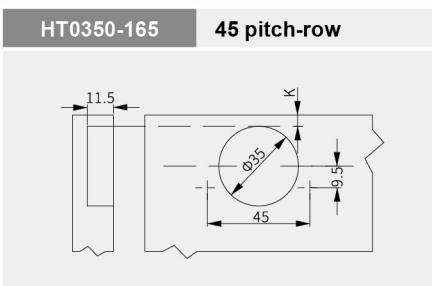
Drilling distance K (mm)	Front overlay D (mm)				
	0	-1	-2	-3	-4
3	6				
4		6			
5			6		
6				6	
7					6

Mounting plate height H (mm)

### Overlay Table

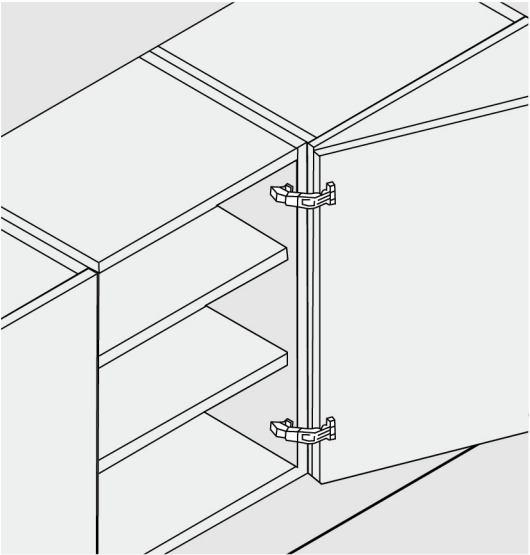
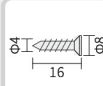
H=Height of hinge base  
 D=Required overlay on side board  
 K=Distance between door edge and drilling holes on hinge cup  
 A=Gap between door and side board  
 S=Door thickness

### Drilling For Cup

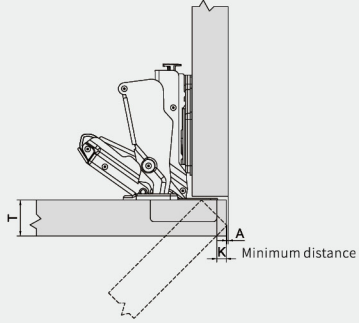




**General-type hydraulic hinge (Small angle)**

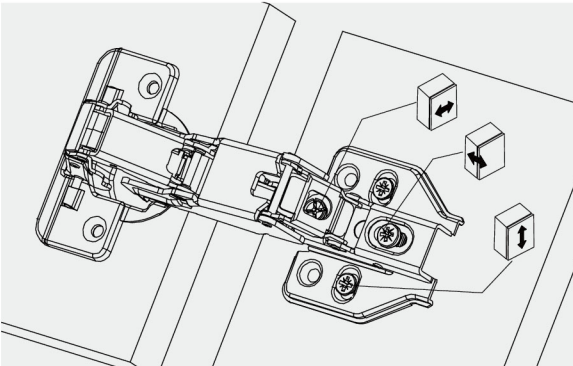
Application	Accessories
	<div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">  <p>Optional: With Screw / Dowel For Cup</p> </div> <p style="text-align: right; margin-top: 20px;">The accessory information parameters are on page <a href="#">A.42</a></p>




**Minimum Gap Required To Door Opening**



T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet

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

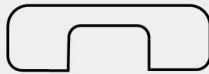


Adjustment Range		
		
Up and down adjustment $\pm 2\text{mm}$	Cover plate adjustment $5.5 \pm 0.5\text{mm}$	Door seam adjustment $\pm 3\text{mm}$
Mounting plate		
Two-hole and four-hole mounting plate Normal and with CAM adjustable mounting plate		

# MECOMPACT M20 HINGE

## Accessory Information

### Cup Cover

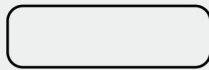


Nickel Plated  
Special Surface Treatment

Hinge cup 42/45/48mm center

HT001

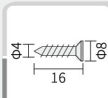
### Arm Cover



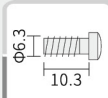
Nickel Plated  
Special Surface Treatment

HD001

### Screw Accessories



Chipboard Screw  
Item No.: FC0062



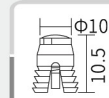
Euro Screw  
Item No.: FC0021



M8 Dowel  
Item No.: PM0810-01



M10 Dowel  
Item No.: PM1011-02

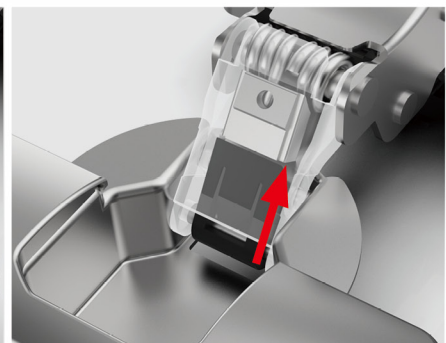
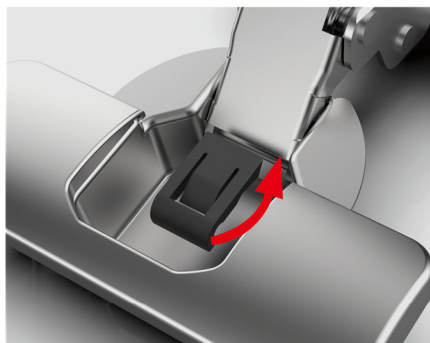


M10 Expanding Dowel  
Item No.: PM1011-01

### Angle Restrictor

HH001

105°-95°



## Mounting Plate Information

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

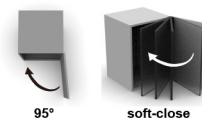
## Inline Mounting Plate is not interchangeable to other plate

	Inline Mounting Plate			
	<p>Nickel Plated Special Surface Treatment</p>			
<p>Chipboard Screw</p>	<p>Height of Mounting Plate</p> <p>H=0 <b>H2C000</b></p> <p>H=2 <b></b></p>			
<p>Euro Screw</p>	<p>Height of Mounting Plate</p> <p>H=0 <b></b></p> <p>H=2 <b></b></p>			

# MECOMPACT M30 HINGE

## HS4380(Two way)

Two direction clip-on hydraulic hinge with turbine cam adjustment for thick door (small angle)



A

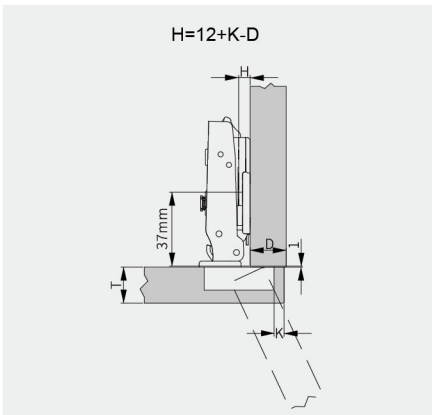
Hinge Series



### 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

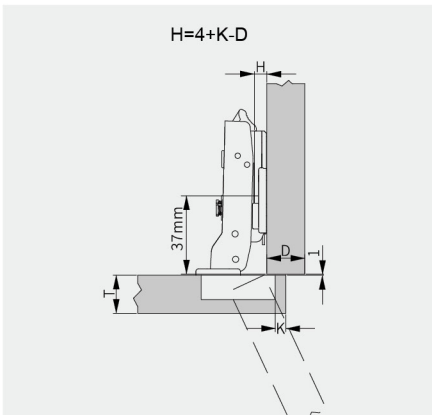


Hydraulic	HS4380A
Without Hydraulic	HS4380D

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

Mounting plate height H (mm)

### B - Half overlay

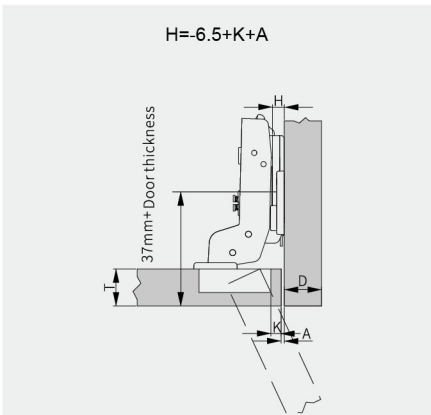


Hydraulic	HS4380B
Without Hydraulic	HS4380E

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



Hydraulic	HS4380C
Without Hydraulic	HS4380I

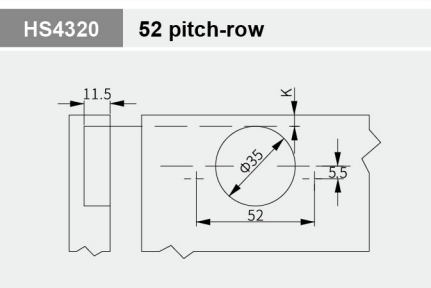
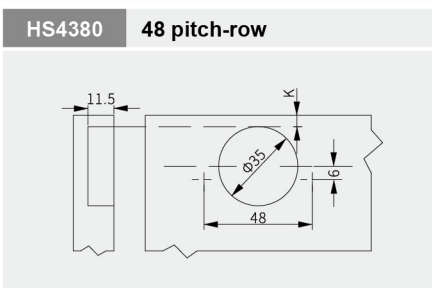
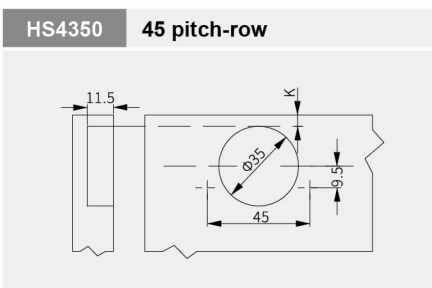
Drilling distance K (mm)	Front overlay D (mm)						
	-1.5	-0.5	0.5	1.5	2.5	3.5	4.5
3				0			2
4				0		2	
5			0	2			
6		0	2				
7	0	2					

Mounting plate height H (mm)

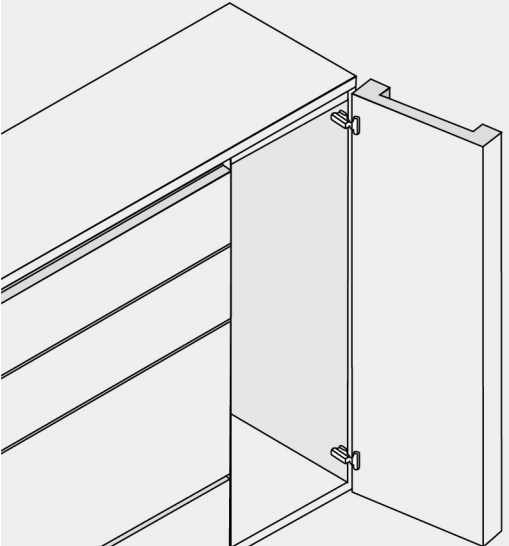
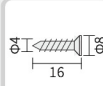

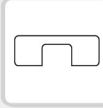
### Overlay Table

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

### Drilling For Cup

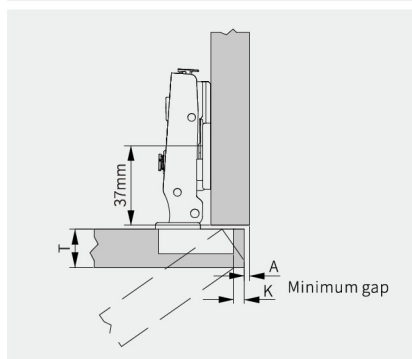


## Two direction clip-on hydraulic hinge with turbine cam adjustment for thick door (small angle)

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

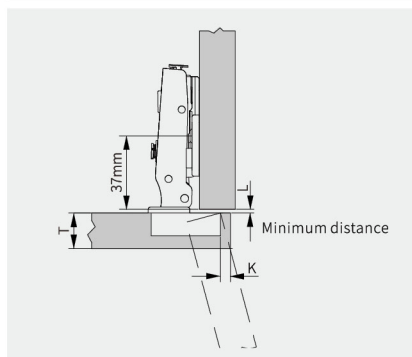
The accessory information parameters are on page [A.54](#)

### Minimum Gap Required To Door Opening



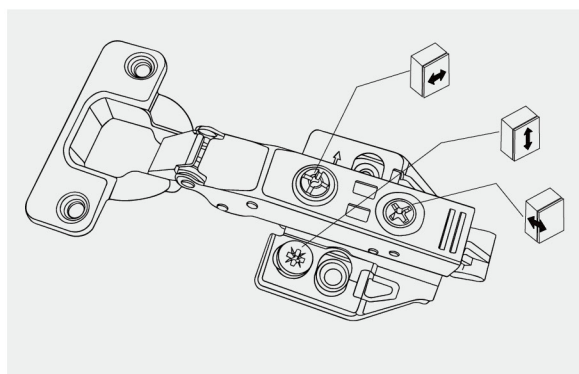
K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9
4		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
5		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
6		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### 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>
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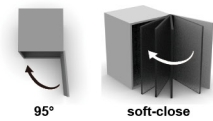
### Mounting plate

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

# MECOMPACT M30 HINGE

## HS4100(Two way)

Two direction clip-on hydraulic hinge with turbine cam adjustment for aluminium frame door (small angle)



A

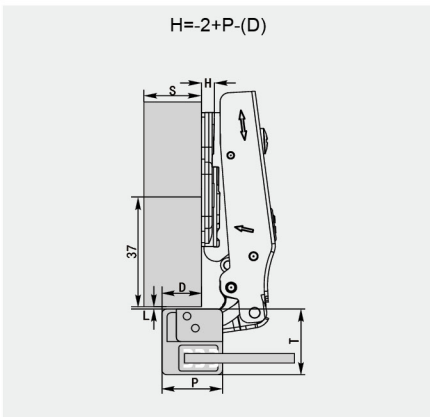
Hinge Series



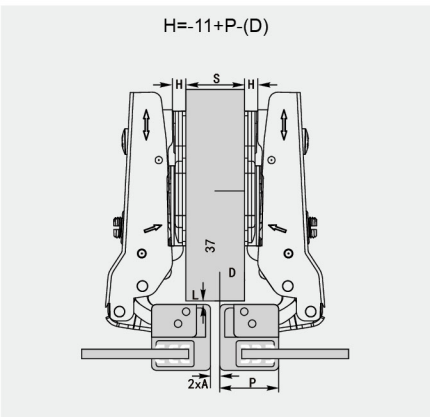
### Technical specifications:

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

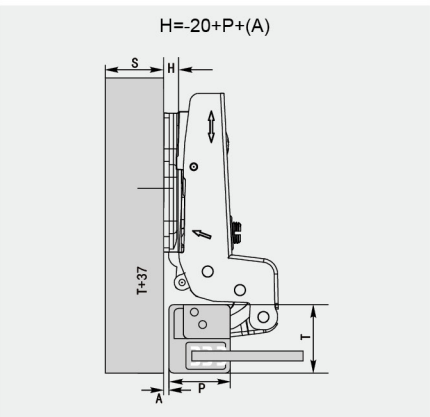
### A - Overlay      B - Half overlay      C - Inset



Hydraulic	HS4100A
Without Hydraulic	HS4100D



Hydraulic	HS4100B
Without Hydraulic	HS4100E



Hydraulic	HS4100C
Without Hydraulic	HS4100I

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)

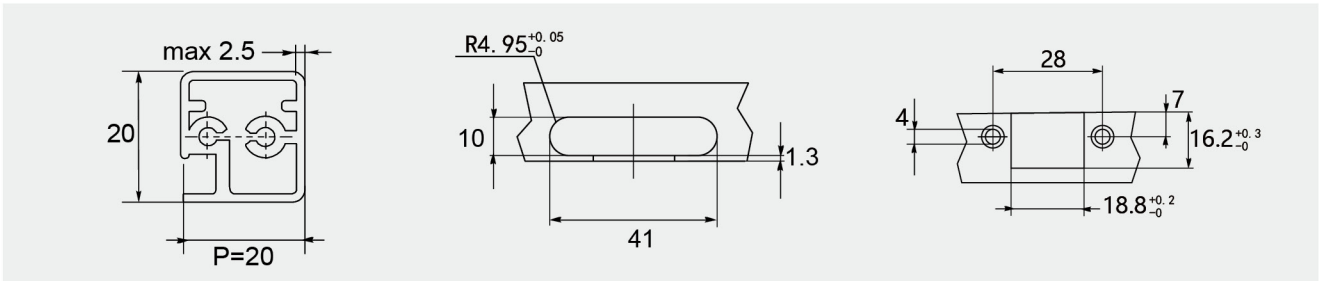
Aluminum Profile Width P(mm)	Front overlay D (mm)									
	-3	-2	-1	0	1	2	3	4	5	
19				0		2		4		
20				0		2		4		
21			0		2		4			
22		0		2		4				
23	0		2		2					

Mounting plate height H (mm)

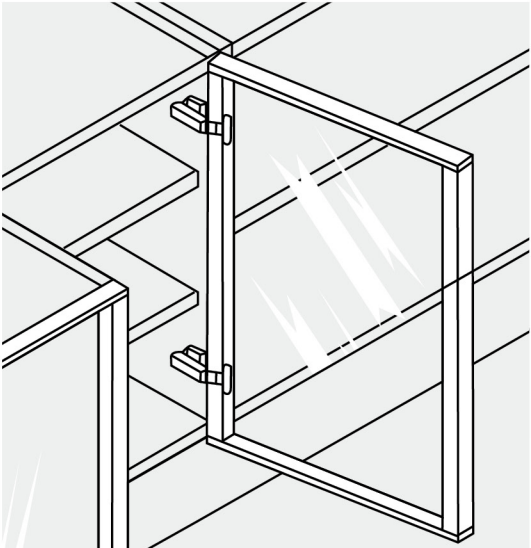

### Overlay Table

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

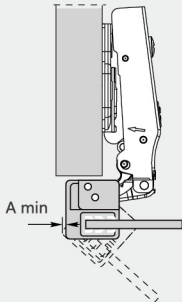
### Drilling Size



## Two direction clip-on hydraulic hinge with turbine cam adjustment for aluminium frame door (small angle)

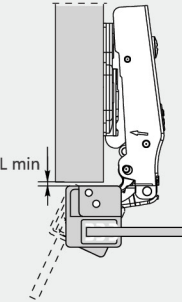
Application	Screw Accessories
	
<p>The accessory information parameters are on page <a href="#">A.54</a></p>	

### Minimum Gap Required To Door Opening



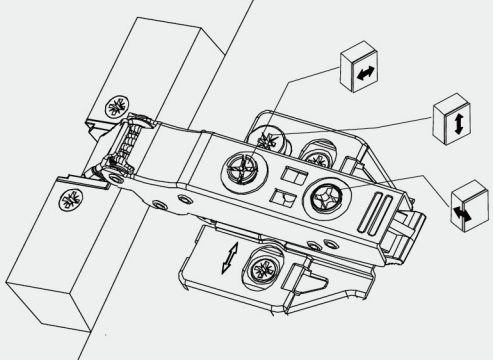
K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9
4		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
5		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
6		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



#### Adjustment Range

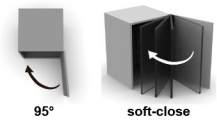
		
Up and down adjustment ± 2mm	Cover plate adjustment +4.5 (± 0.5)mm	Door seam adjustment +5 / -1mm

#### 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)



Two direction clip-on special angle 45 degree hydraulic hinge with turbine cam adjustment (small angle)



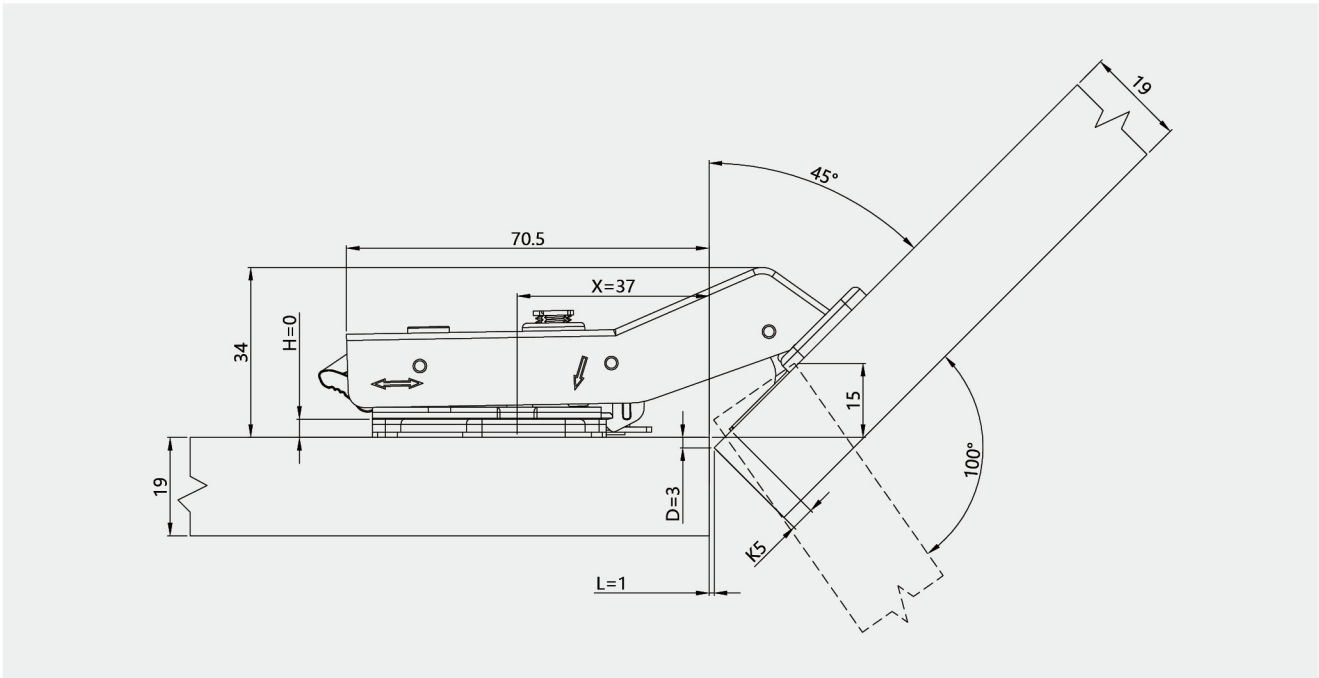
Hinge Series



### 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.

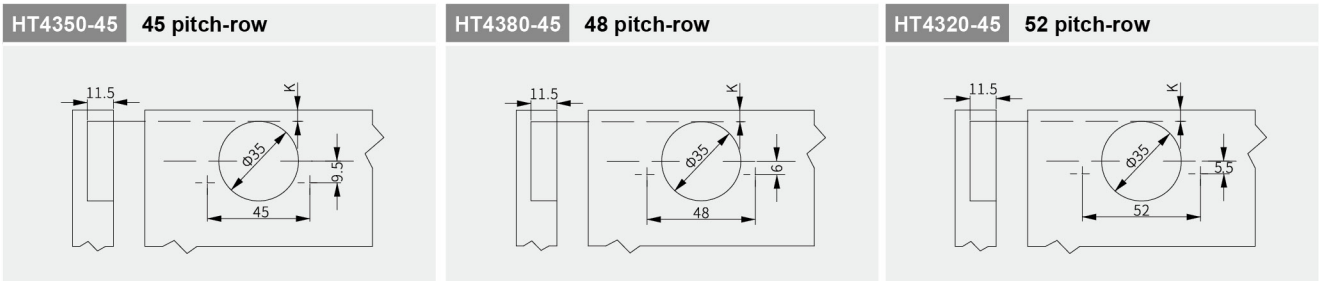
### 45°- Hinge



### Overlay Table

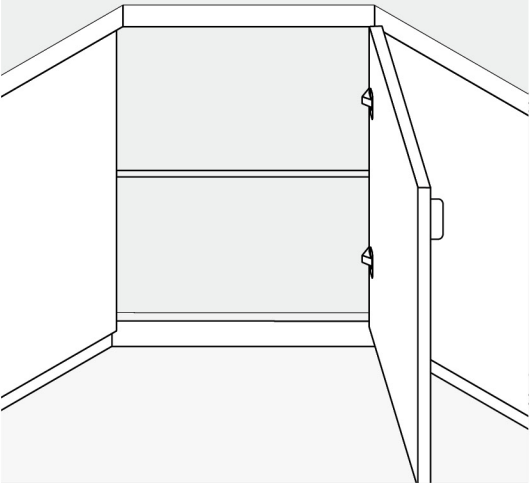
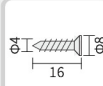

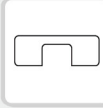
H=Height of hinge base  
 D=Required overlay on side board  
 K=Distance between door edge and drilling holes on hinge cup  
 A=Gap between door and side board

### Drilling For Cup



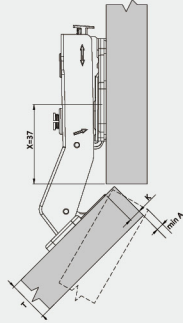


## Two direction clip-on special angle 45 degree hydraulic hinge with turbine cam adjustment (small angle)

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

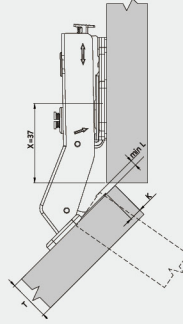
The accessory information parameters are on page [A.54](#)

### Minimum Gap Required To Door Opening



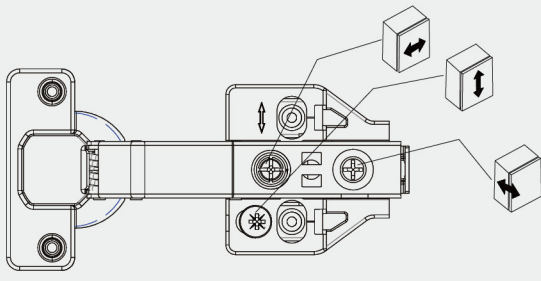
K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9
4		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
5		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
6		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4

T=Door thickness  
 K=Distance between door drilling holes and door edge  
 A=Distance between door panel and side cabinet






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=Door thickness  
 K=Distance between door drilling holes and door edge  
 A=Distance between door panel and side cabinet



#### Adjustment Range

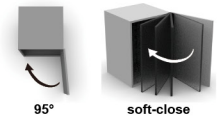
		
Up and down adjustment ± 2mm	Cover plate adjustment +3/ -1.5mm	Door seam adjustment -2.5/ +3.5mm

#### 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)



Two direction clip-on special angle 90 degree hydraulic hinge with turbine cam adjustment (small angle)



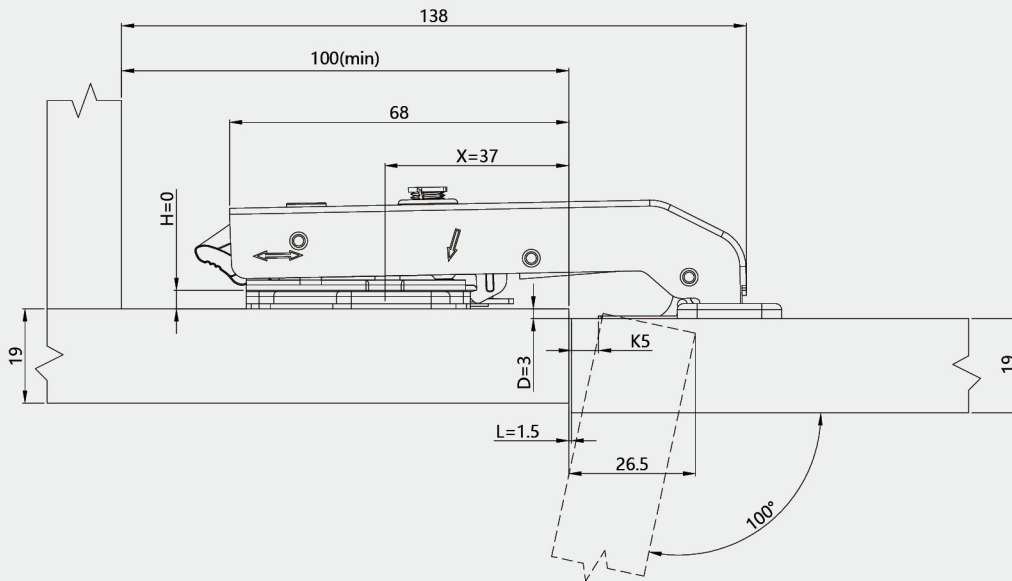
Hinge Series



### 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

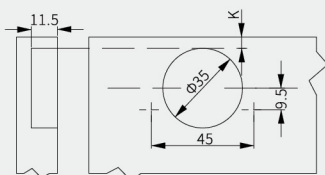


### Overlay Table

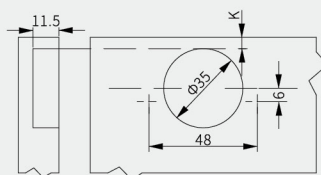
H=Height of hinge base  
 D=Required overlay on side board  
 K=Distance between door edge and drilling holes on hinge cup  
 A=Gap between door and side board

### Drilling For Cup

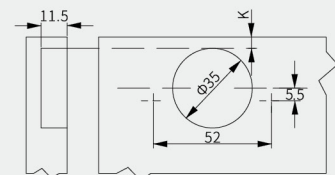
HT4350-90 45 pitch-row



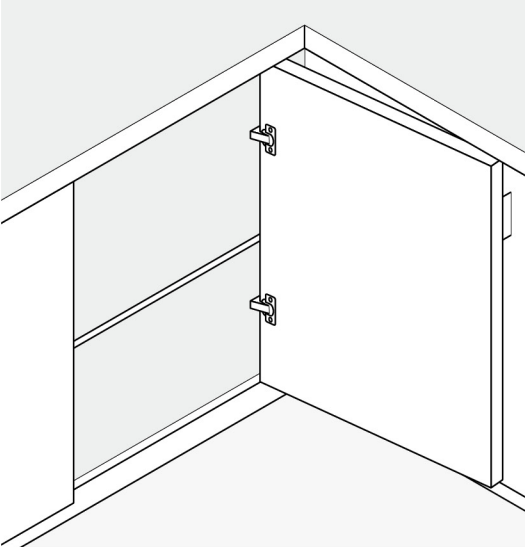
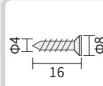

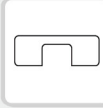
HT4380-90 48 pitch-row



HT4320-90 52 pitch-row

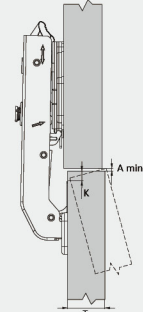


## Two direction clip-on special angle 90 degree hydraulic hinge with turbine cam adjustment (small angle)

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

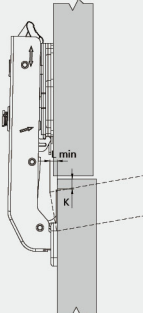
The accessory information parameters are on page [A.54](#)

### Minimum Gap Required To Door Opening



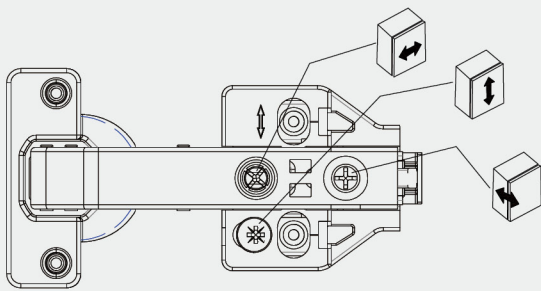
K(mm)	T(mm)	18	19	20	21	22	23	24	25	26
3	A(mm)	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9
4		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
5		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4
6		0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4

T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet






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=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet



### Adjustment Range

 <p>Up and down adjustment ± 2mm</p>	 <p>Cover plate adjustment +3/ -1.5mm</p>	 <p>Door seam adjustment +3/ -3mm</p>
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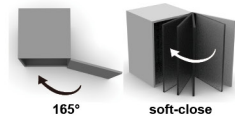
### Mounting plate

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

# MECOMPACT M30 SPECIAL ANGLE HINGE

## HT4380-165(Two way)

Two direction clip-on special angle 165 degree hydraulic hinge with turbine cam adjustment (small angle)



A

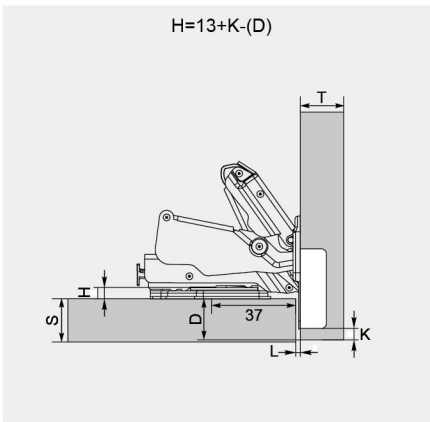
Hinge Series



### 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

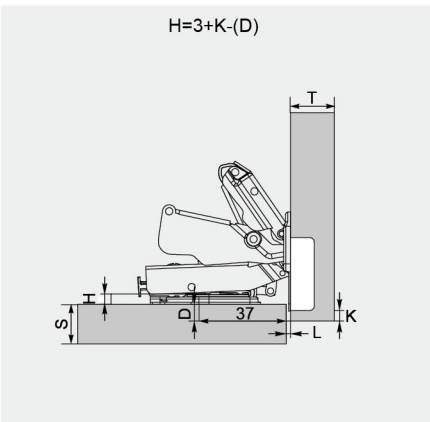


Hydraulic	HT4380-165A
Without Hydraulic	HT4380-165D

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)

### B - Half overlay

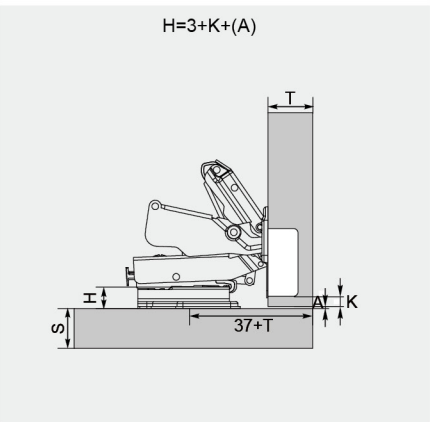


Hydraulic	HT4380-165B
Without Hydraulic	HT4380-165E

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)

### C - Inset



Hydraulic	HT4380-165C
Without Hydraulic	HT4380-165I

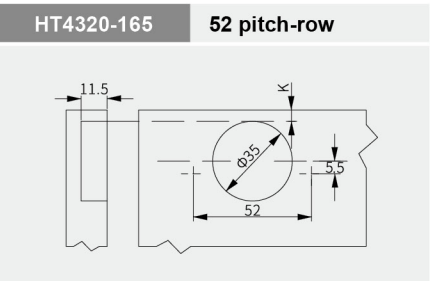
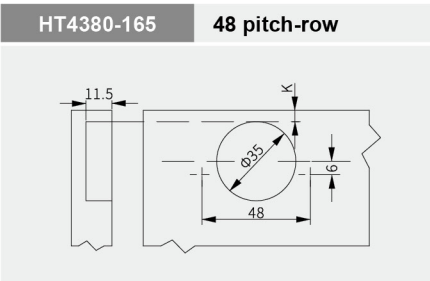
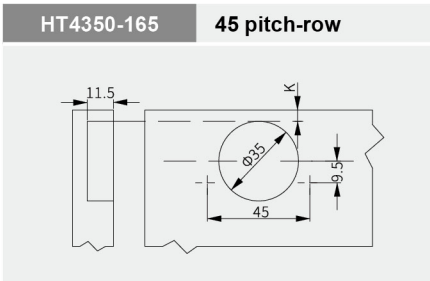
Drilling distance K (mm)	Front overlay D (mm)				
	0	-1	-2	-3	-4
3	6				
4		6			
5			6		
6				6	
7					6

Mounting plate height H (mm)

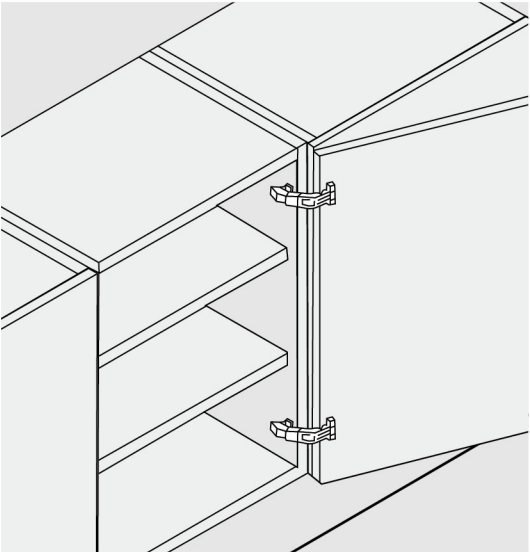
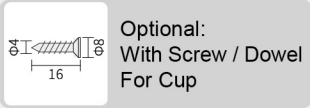
### Overlay Table

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

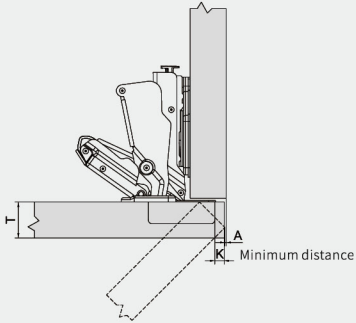
### Drilling For Cup



## Two direction clip-on special angle 165 degree hydraulic hinge with turbine cam adjustment (small angle)

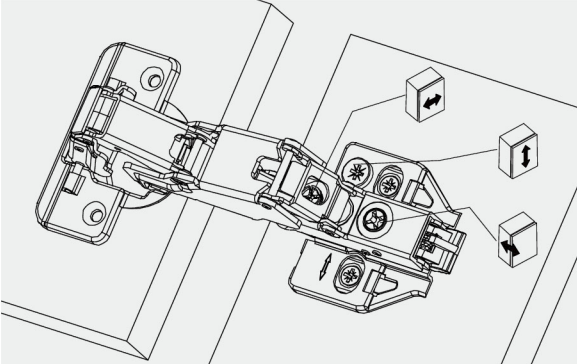
Application	Accessories
	 <p>Optional: With Screw / Dowel For Cup</p> <p style="text-align: right;">The accessory information parameters are on page <a href="#">A.54</a></p>

### Minimum Gap Required To Door Opening

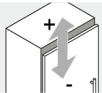
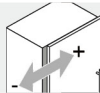
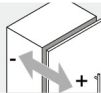


T=Door thickness  
K=Distance between door drilling holes and door edge  
A=Distance between door panel and side cabinet

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



#### 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>
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#### Mounting plate

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

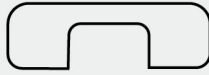
# MECOMPACT M30 HINGE

## Accessory Information

A

Hinge Series

### Cup Cover

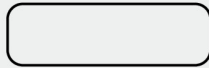


Nickel Plated  
Special Surface Treatment

Hinge cup 42/45/48mm center

HT001

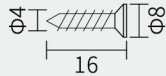
### Arm Cover



Nickel Plated  
Special Surface Treatment

HD001




### Screw Accessories



Chipboard Screw

FC0062

## Mounting Plate Information

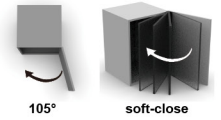
Turbine adjustment two direction clip-on mounting plate	Turbine adjustment two direction clip-on mounting plate	Turbine adjustment two direction clip-on mounting plate
		
Nickel Plated Special Surface Treatment	Nickel Plated Special Surface Treatment	Nickel Plated Special Surface Treatment
Height of Mounting Plate	Height of Mounting Plate	Height of Mounting Plate
H=0 <b>H2A000</b>	H=2 <b>H2A200</b>	H=0 <b>H23000</b>

# MECOMPACT M40 HINGE



**HU2380(Nonmagnetic)**

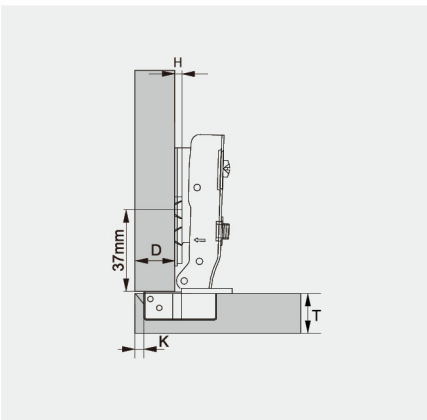
Clip-on hydraulic Stainless Steel hinge



## 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.

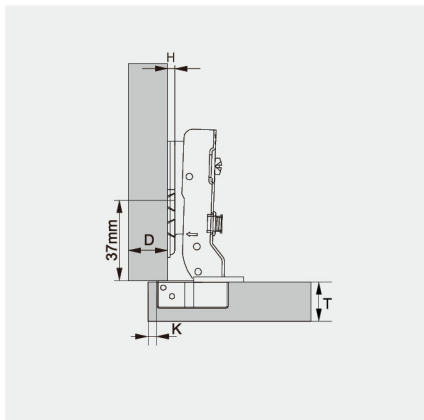
### A - Overlay



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)

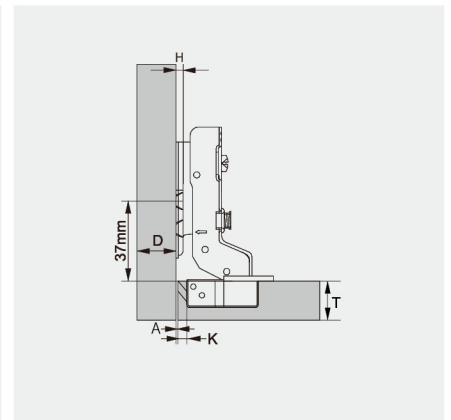
### B - Half overlay



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
4				0		2	
5			0		2		
6		0		2			
7	0		2				

Mounting plate height H (mm)

### Overlay Table

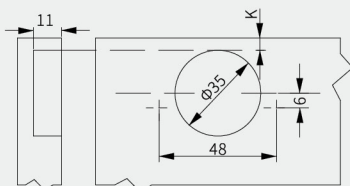
H=Height of hinge base  
D=Required overlay on side board  
K=Distance between door edge and drilling holes on hinge cup  
A=Gap between door and side board

### 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

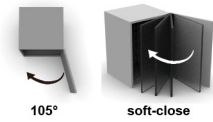
	Arm cover		Cup cover
	Optional: Mounting Plate		

The accessory information parameters are on page [A.56](#)

# MECOMPACT M40 HINGE

**HU3380**

Clip-on hydraulic Stainless Steel hinge with CAM adjustment



**A**

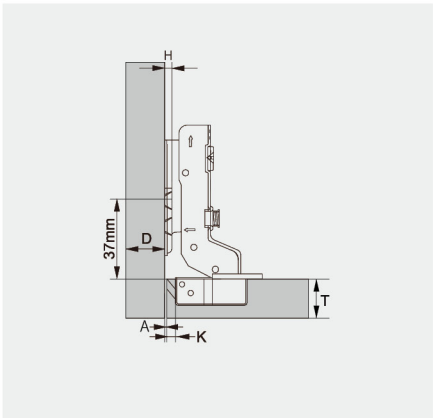
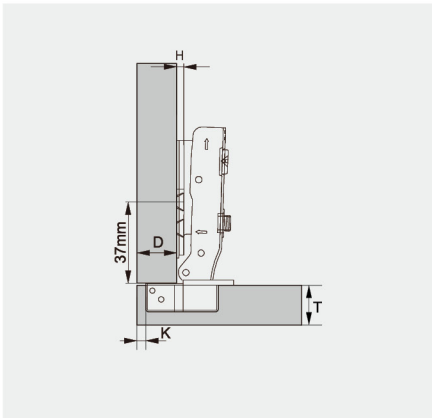
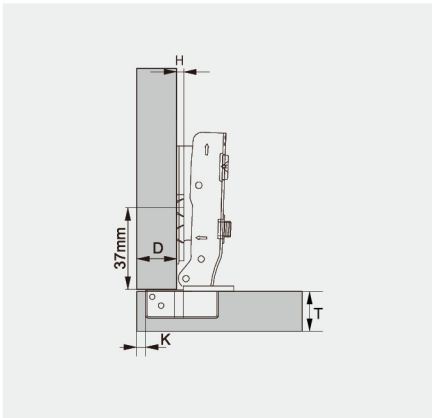
Hinge Series



## 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      B - Half overlay      C - Inset



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)

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)

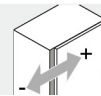
### Overlay Table

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

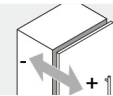
### Adjustment Range



Up and down adjustment  
± 2.0mm



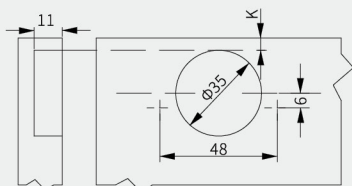
Cover plate adjustment  
+5/ -1.5mm



Door seam adjustment  
± 2mm

### Drilling For Cup

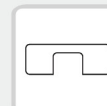
48 pitch-row



### Accessories



Arm cover



Cup cover




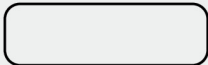

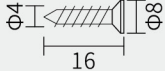


Optional:  
Mounting Plate

The accessory information parameters are on page [A.56](#)



## Accessory Information

Cup Cover			
		Stainless Steel 201 Special Surface Treatment	Hinge cup 42/45/48mm center <b>HT002</b>
Arm Cover			
		Stainless Steel 201 Special Surface Treatment	<b>HD002</b>
Screw Accessories			
		Stainless Steel 430	<b>FC0063</b>

## 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 <b>H22002-U</b>	Height of Mounting Plate H=0 <b>H23002-U</b>	Height of Mounting Plate H=0 <b>H26001-U</b>	Height of Mounting Plate H=0 <b>H27001-U</b>

**STANDARD  
HINGE**



**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: 10.5mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-21mm.

# STANDARD HINGE

A

Hinge Series

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

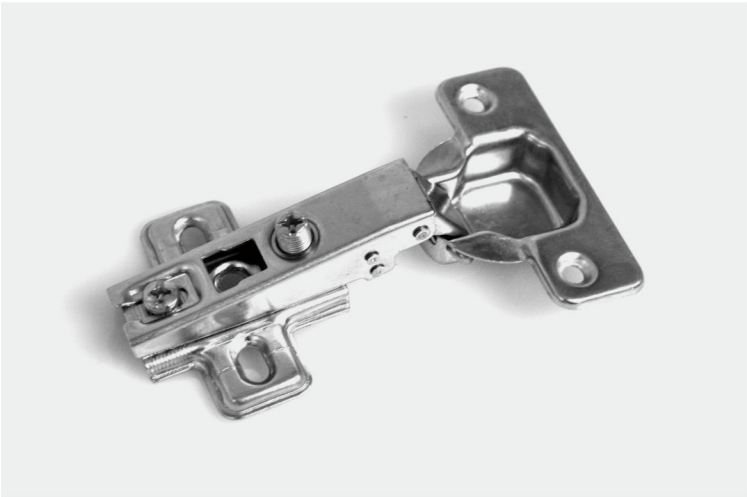


### Technical specifications:

- Main material: cold-rolled steel.
- Finish: nickel plated.
- Opening angle: 110°.
- Dia. of hinge cup: 35mm.
- Depth of hinge cup: 9mm.
- Door thickness: 14-23mm.

**STANDARD HINGE**

**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.

**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: 9mm.
- Door(C) dimension: 3-7mm.
- Door thickness: 14-20mm.

**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.



# STANDARD HINGE

## Special Angle Hinge

A

Hinge Series

HT2125

125° Clip-on hydraulic hinge



### Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 125°.
- Diameter of hinge cup: 35mm.
- Depth of hinge cup: 11.3mm.
- Door thickness: 18-36mm.

HT2155

155° Clip-on hydraulic hinge



### Technical specifications:

- Main material: cold-rolled steel.
- Opening angle: 155°.
- Depth of hinge cup: 11.3mm.
- Diameter of hinge cup: 35mm.
- Door(C) dimension: 3-8mm.
- Door thickness: 18-36mm.

## 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: 14-25mm.

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

A

Hinge Series

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

A

Hinge Series

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.