



QS Mini

The right size

Low depth cup for thin doors

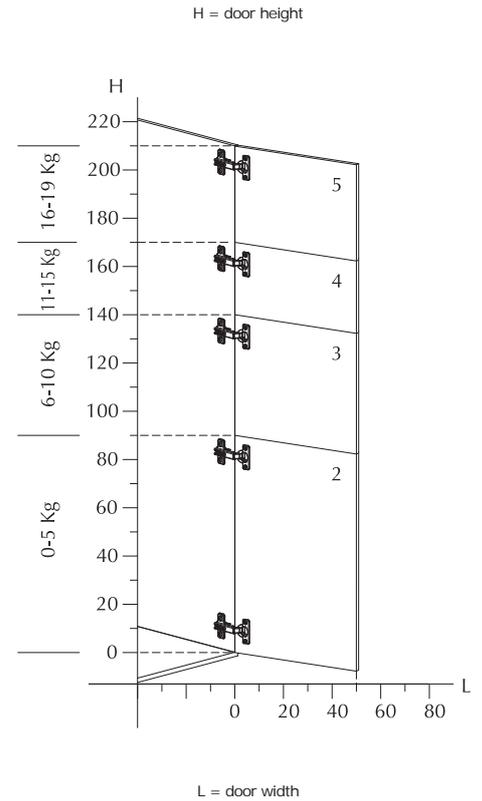
Wide range 3D door adjustment

Large range of cup-fixing methods

Complete range of hinges & mounting plates

QS Mini hinges with Ø26mm cup size are compact, performing and cost efficient. The small size allows the use on extra thin doors, but the performance is good enough to cover also standard doors in all usual sizes. QS mini-hinges are the perfect solution for bathroom, bedroom and living room applications with entry level to mid-level specifications. With pre-mounted euro-screws or self-taping screws, they are the perfect flat-pack furniture hinge.

QS Mini



Mounting System



1 Place the rear part of the hinge on the front side of the mounting plate.

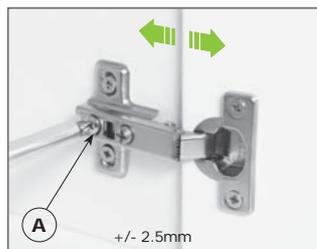


2 Let the hinge slide on the mounting plate until it stops.

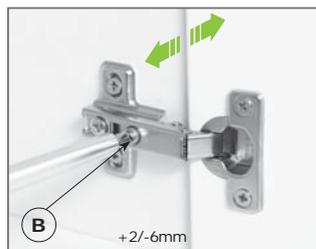


3 Tighten the connecting screw.

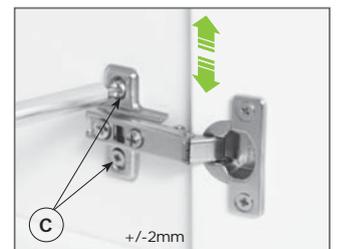
Adjusting System



Front adjustment
Acting on the "A" screw it is possible to adjust the distance between the side of the cabinet and the door.



Independent side adjustment
Acting on the "B" screw it is possible to change the amount of the door covering on the side of the cabinet.



Vertical adjustment
Acting on the "C" screw of the mounting plate it is possible to adjust the door vertically.

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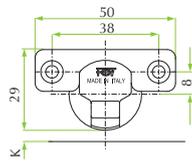
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**Cup hole distance
38x8mm**

M



FOR WOOD DOORS 105° Ø26



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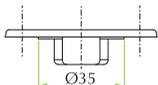
FOR WOOD CORNER DOORS 90°



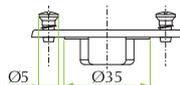
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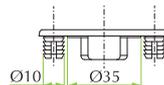
**SELFTAPPING
SCREW**



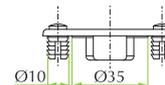
**EURO
SCREW**



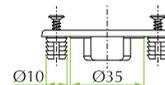
DOWEL



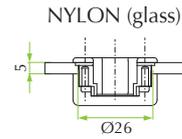
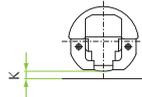
**VELOFIX
DOWEL**



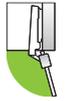
**X-PANDO
DOWEL**



SPECIAL SOLUTIONS



FOR GLASS DOORS OPENING 105° Ø26



Crank 0



p. 118

Crank 8

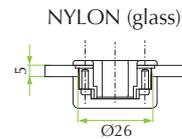
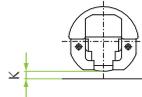


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Crank 15



p. 118



FOR CORNER CABINET - GLASS OPENING 90°



Angle 24°±30°



p. 120

Angle 45°



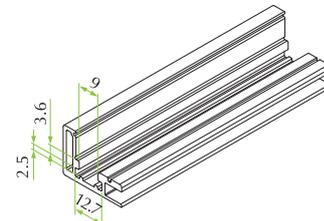
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Angle 90°

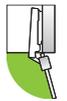


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LOCK FIXING



FOR DOORS WITH ALUMINIUM FRAME OPENING 105°



Crank 0



p. 122

Crank 8



p. 122

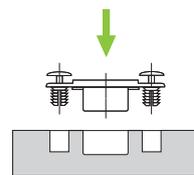
Crank 15



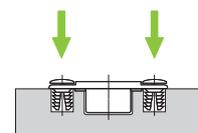
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ZIP FIXING SYSTEM

The Zip dowels allow a no-tool mounting of the hinge.



Insert by hand the hinge on the door.



Push to fix the hinge.

The hinges with Zip fixing system are available on demand. Please contact the FGV Customer Service.

QS Mini 105° Ø26 for wood doors



Technical specifications:

- Depth of the metal cup 9.8mm
- Cup diameter 26mm
- Opening 105° with (K) max 4mm and (T) max 18mm
- Possibility of door drilling (K) from 3 to 6 mm
- Thickness of the door (T) from 12 to 26 mm

CRANK 0

CRANK 8

CRANK 15



M

51.QS15.05.00.02000

51.QS15.05.08.0200

51.QS15.05.15.02000

Available with premounted selftapping screws



M

51.QS16.05.00.M2000

51.QS16.05.08.M2000

51.QS16.05.15.M2000



M

51.QS16.05.00.*2000

51.QS16.05.08.*2000

51.QS16.05.15.*2000

* 0 = dowels Ø10mm / D = dowels Ø8mm



M

51.QS18.05.00.V2000

51.QS18.05.08.V2000

51.QS18.05.15.V2000



M

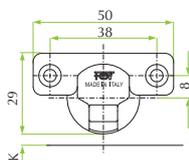
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51.QS19.05.08.*2052

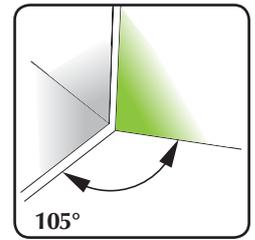
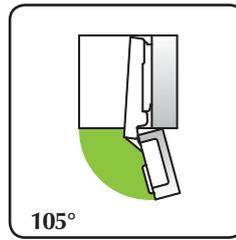
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* 0 = dowels Ø10mm / D = dowels Ø8mm

M



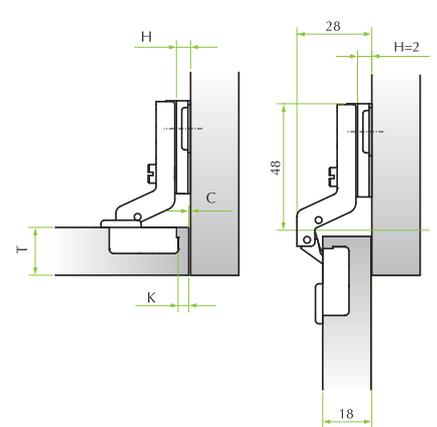
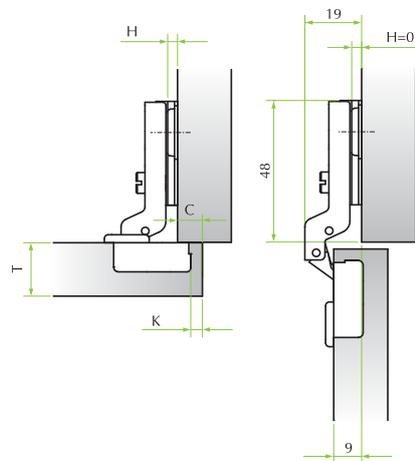
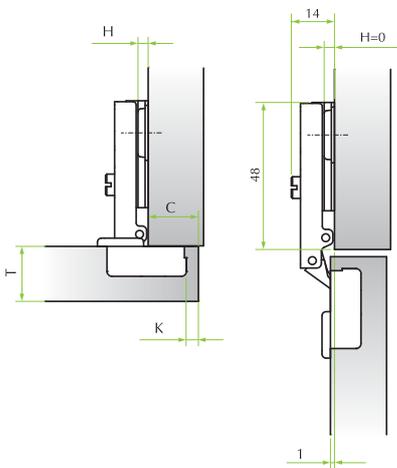
The mounting plates and fittings for this hinge series are shown from page 124 to page 127.



CRANK 0
For lay-on doors

CRANK 8
For partial lay-on doors

CRANK 15
For inset doors



		Drilling distance (K)					
		3	4	5	6		
Overlay (C)	19				0		
	18			0			
	17		0	2			
	16	0	2				
	15	2	4				
	14	4	6				
	13	6					
	12	8					
	11	10					
10	12						
							Mounting plates (H)

		Drilling distance (K)					
		3	4	5	6		
Overlay (C)	11				0		
	10			0			
	9		0	2			
	8	0	2				
	7	2	4				
	6	4	6				
	5	6					
	4	8					
	3	10					
	2	12					

		Drilling distance (K)					
		3	4	5	6		
Overlay (C)	0		2	4			
	1	2	4				
	2	4	6				
	3	6					
	4	8					
	5	10					
							Mounting plates (H)

Table to determinate the minimum distance **A** so that a door with **T** thickness can open without protrusion from the cabinet and without interfering with adjacent doors.

T=	16	17	18	19	20	21	22	23	24	25	26
K=3 A=	1.60	2.25	3.0	3.85	4.70	5.60	6.50	7.40	8.35	9.30	10.20
K=4 A=	1.55	2.10	2.75	3.50	4.30	5.15	6.00	6.90	7.80	8.70	9.65
K=5 A=	1.45	1.90	2.50	3.15	3.90	4.70	5.50	6.35	7.25	8.15	9.05
K=6 A=	1.40	1.80	2.30	2.90	3.55	4.30	5.10	5.90	6.75	7.60	8.50

QS Mini 90° for wood corner doors



Technical specifications:

- Depth of the metal cup 11.7mm
- Cup diameter 26mm
- Opening 90°
- Possibility of door drilling (K) from 3 to 5 mm
- Thickness of the door (T) from 12 to 26 mm

ANGLE 24°÷30°



ANGLE 45°



ANGLE 90°



M

51.QS15.05.24.00000

51.QS15.05.45.00000

51.QS15.M5.90.02000

Available with premounted selftapping screws



M

51.QS16.05.24.M0000

51.QS16.05.45.M0000

51.QS16.M5.90.M2000



M

51.QS16.05.24.*2000

51.QS16.05.45.*2000

51.QS16.M5.90.*2000

* 0 = dowels Ø10mm / D = dowels Ø8mm



M

51.QS18.05.24.V0000

51.QS18.05.45.V0000

51.QS18.M5.90.V2000



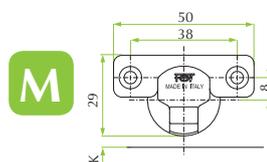
M

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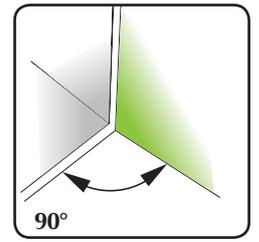
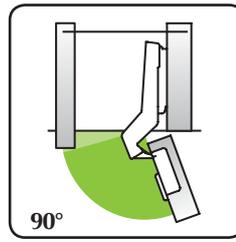
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51.QS19.M5.90.*2052

* 0 = dowels Ø10mm / D = dowels Ø8mm



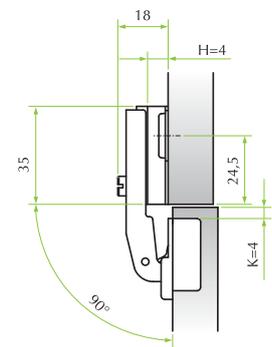
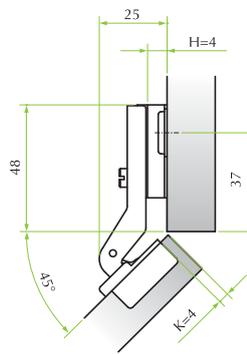
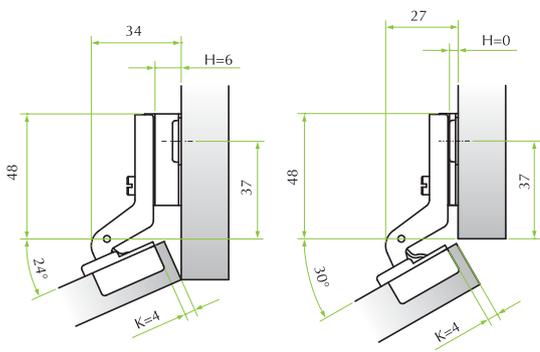
The mounting plates and fittings for this hinge series are shown from page 124 to page 127.



ANGLE 24°±30°

ANGLE 45°

ANGLE 90°

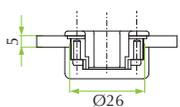


QS Mini 105° for glass doors



Technical specifications:

- Nylon cup
- Cup diameter 26mm
- Opening 105°
- Possibility of door drilling (K) from 3 to 6 mm
- Thickness of the glass door (T) from 4 to 5 mm



NYLON
(glass)



CRANK 0



51.QS51.2*.00.0200

CRANK 8



51.QS51.2*.08.0200

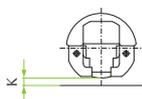
CRANK 15



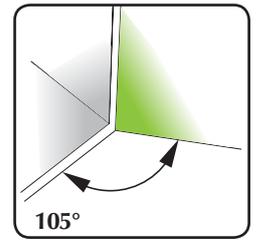
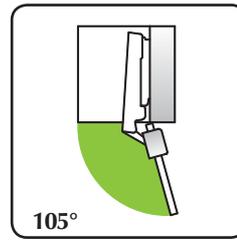
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* 1 = White / 3 = Black

NYLON (glass)



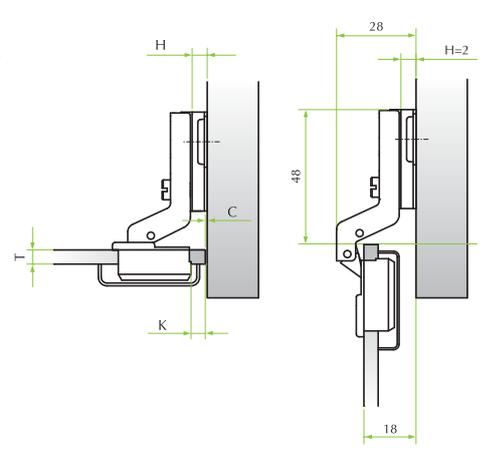
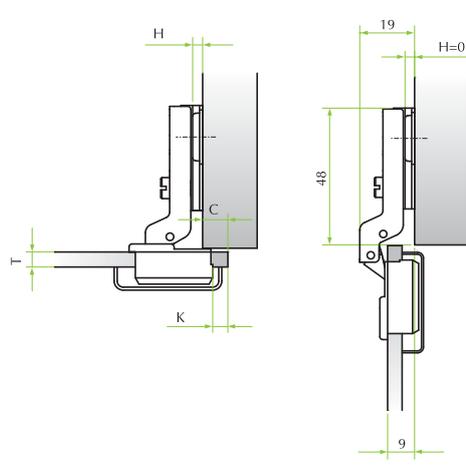
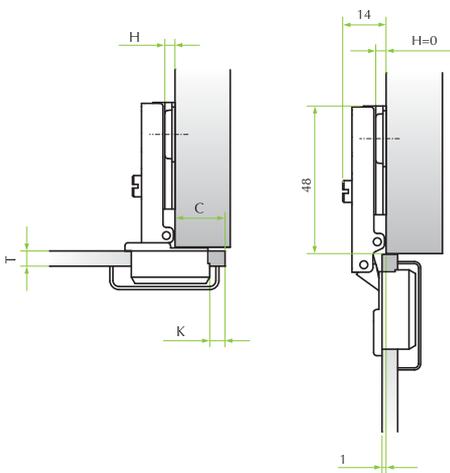
The mounting plates and fittings for this hinge series are shown from page 124 to page 127.



CRANK 0
For lay-on doors

CRANK 8
For partial lay-on doors

CRANK 15
For inset doors



Overlay (C)	Drilling distance (K)				Mounting plates (H)
	3	4	5	6	
19				0	
18			0		
17		0	2		
16	0	2			
15	2	4			
14	4	6			
13	6				
12					
11					
10					

Overlay (C)	Drilling distance (K)				Mounting plates (H)
	3	4	5	6	
11				0	
10			0		
9		0	2		
8	0	2			
7	2	4			
6	4	6			
5	6				
4					
3					
2					

Overlay (C)	Drilling distance (K)				Mounting plates (H)
	3	4	5	6	
0		2	4		
1	2	4			
2	4	6			
3	6				
4					
5					

QS Mini 90° for glass corner doors



Technical specifications:

- Nylon cup
- Cup diameter 26mm
- Opening 90°
- Possibility of door drilling (K) from 3 to 5 mm
- Thickness of the glass door (T) from 4 to 5 mm

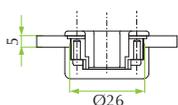
ANGLE 24°±30°



ANGLE 45°



ANGLE 90°



NYLON
(glass)



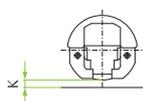
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51.QS51.2*.45.0000

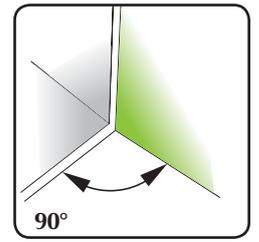
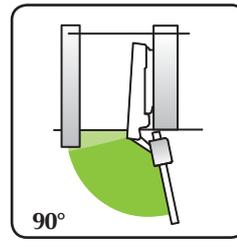
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* 1 = White / 3 = Black

NYLON (glass)



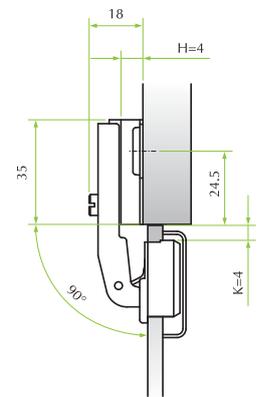
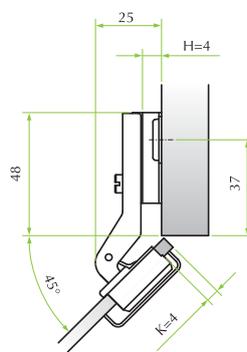
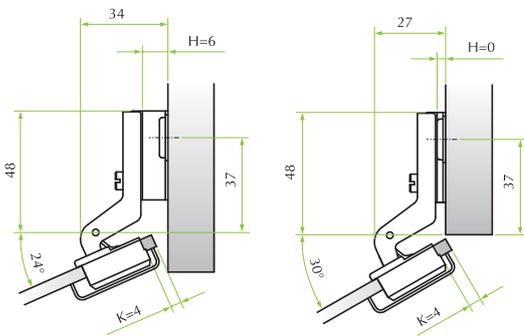
The mounting plates and fittings for this hinge series are shown from page 124 to page 127.



ANGLE 24°±30°

ANGLE 45°

ANGLE 90°



QS Mini 105° for doors with aluminium frame



Technical specifications:

- Opening 105°
- Aluminium frame (K) min. 3 to 6 mm

LOCK FIXING

CRANK 0



51.QS31.05.00.02000

CRANK 8



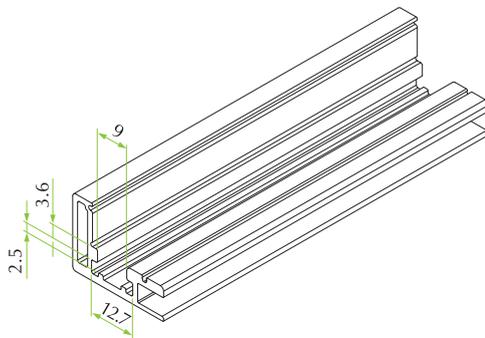
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CRANK 15

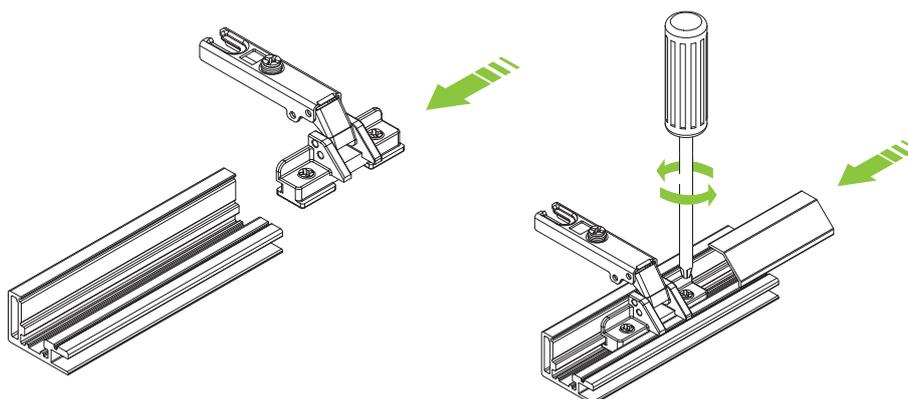


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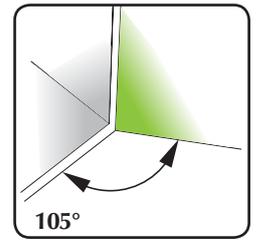
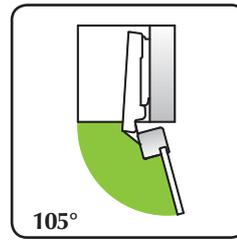
Aluminium frame:



Assembly instructions:



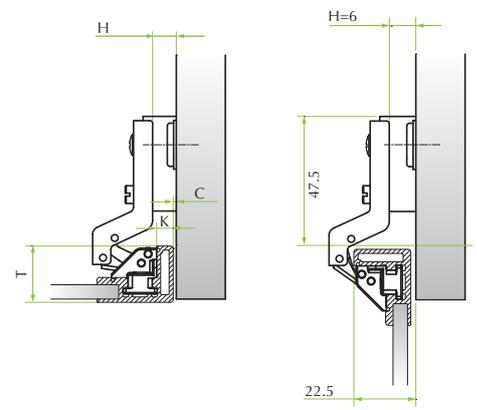
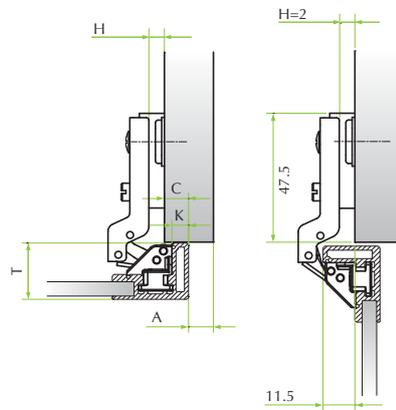
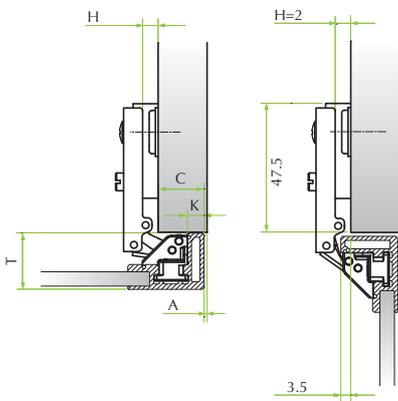
The mounting plates and fittings for this hinge series are shown from page 124 to page 127.



CRANK 0
For lay-on doors

CRANK 8
For partial lay-on doors

CRANK 15
For inset doors



Overlay (C)	Drilling distance (K)				Mounting plates (H)
	3	4	5	6	
19				0	
18			0		
17		0	2		
16	0	2			
15	2	4			
14	4	6			
13	6				
12					
11					
10					

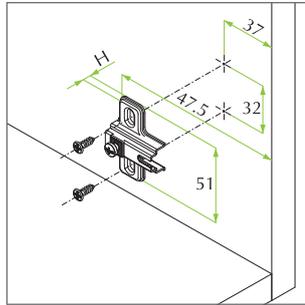
Overlay (C)	Drilling distance (K)				Mounting plates (H)
	3	4	5	6	
11				0	
10			0		
9		0	2		
8	0	2			
7	2	4			
6	4	6			
5	6				
4					
3					
2					

Overlay (C)	Drilling distance (K)				Mounting plates (H)
	3	4	5	6	
0		2	4		
1	2	4			
2	4	6			
3	6				
4					
5					

Metal cruciform mounting plate. Selftapping screw fixing. Vertical adjustment.

Screws are provided on demand.

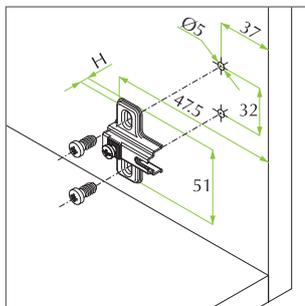
37



Height	Material	Code
H=0	Steel	52.0301.M5.00.1
H=2	Steel	52.0301.M5.02.1
H=4	Steel	52.0301.M5.04.1
H=6	Steel	52.0301.M5.06.1

Metal cruciform mounting plate. Euro screws premounted. Vertical adjustment.

37

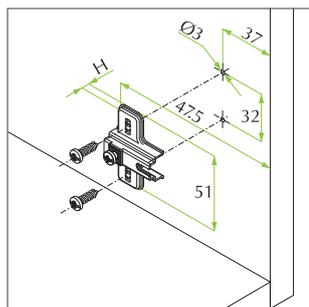
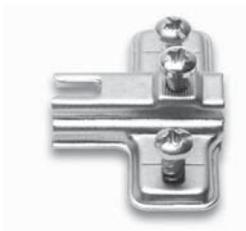


Height	Material	Code
H=0	Steel	52.0316.M5.00.*
H=2	Steel	52.0316.M5.02.*
H=4	Steel	52.0316.M5.04.*
H=6	Steel	52.0316.M5.06.*

* C =  H = 

Metal cruciform mounting plate. Premounted selftapping screws Ø4.7mm. Vertical adjustment.

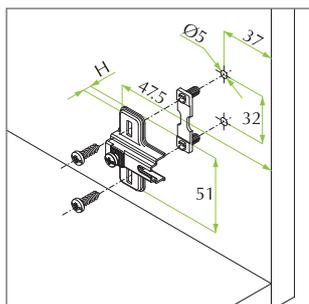
37



Height	Material	Code
H=0	Steel	52.03G5.M5.00.1
H=2	Steel	52.03G5.M5.02.1
H=4	Steel	52.03G5.M5.04.1
H=6	Steel	52.03G5.M5.06.1

Metal cruciform mounting plate. Fixing by expanding X-Pando dowels Ø5mm. Vertical adjustment.

37

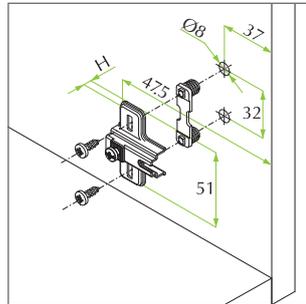


Height	Material	Code
H=0	Steel	52.03N5.M5.00.*
H=2	Steel	52.03N5.M5.02.*
H=4	Steel	52.03N5.M5.04.*
H=6	Steel	52.03N5.M5.06.*

* 1 =  3 = 

Metal cruciform mounting plate. Knock-in fixing with dowels Ø8mm. Vertical adjustment.

37

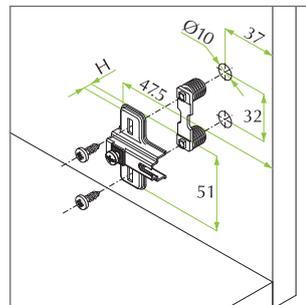


Height	Material	Code
H=0	Steel	52.03*5.M5.00.1
H=2	Steel	52.03*5.M5.02.1
H=4	Steel	52.03*5.M5.04.1
H=6	Steel	52.03*5.M5.06.1

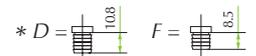


Metal cruciform mounting plate. Knock-in fixing with dowels Ø10mm. Vertical adjustment.

37

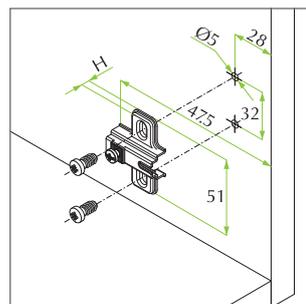


Height	Material	Code
H=0	Steel	52.03*5.M5.00.1
H=2	Steel	52.03*5.M5.02.1
H=4	Steel	52.03*5.M5.04.1
H=6	Steel	52.03*5.M5.06.1



Metal cruciform mounting plate. Euro screws premounted. Vertical adjustment.

28

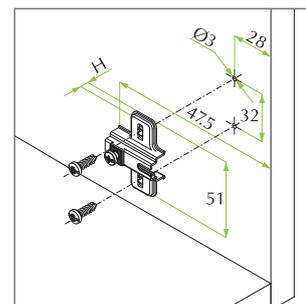


Height	Material	Code
H=2	Steel	52.0321.M5.02.*



Metal cruciform mounting plate. Premounted selftapping screws Ø4.7mm. Vertical adjustment.

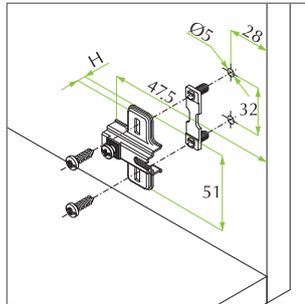
28



Height	Material	Code
H=2	Steel	52.03G1.M5.02.1

Metal mounting plate. Fixing by expanding X-Pando dowels Ø5mm. Vertical adjustment.

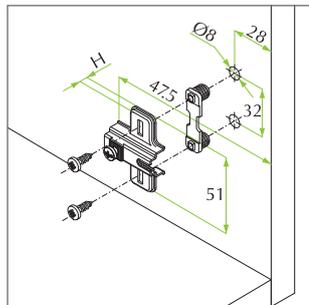
28



Height	Material	Code
H=2	Steel	52.03N1.M5.02.1

Metal cruciform mounting plate. Knock-in fixing with dowels Ø8mm. Vertical adjustment.

28

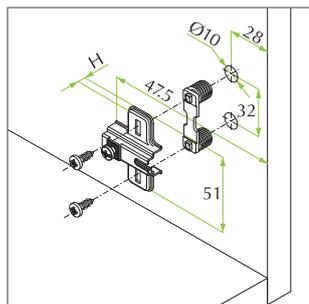


Height	Material	Code
H=2	Steel	52.03*1.M5.02.1

* C =  E = 

Metal cruciform mounting plate. Knock-in fixing with dowels Ø10mm. Vertical adjustment.

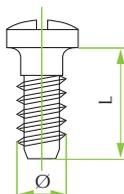
28



Height	Material	Code
H=2	Steel	52.03*1.M5.02.1

* D =  F = 

Euro screws with Pozi drive head, nickel for mounting plate fixing.



Ø	Length	Material	Code
6.3	10	Steel	1A075029350CF
6.3	12	Steel	1A075108250CF
6.3	14	Steel	1A075108150CF

Round face plate for glass door hinge.



Colour	Code
Bright chrome	51.0150.05.01R.00
Matt chrome	51.0150.0G.01R.00
Bright gold	51.0150.04.01R.00
Black painted	51.0150.08.01R.00
Black RAL 9005	51.0150.0T.01R.00
White RAL 9016	51.0150.01.01R.00
Metallized bright chrome	51.0150.0K.01R.00
Metallized bright gold	51.0150.0H.01R.00
Matt chrome painted	51.0150.0J.01R.00
Matt nickel	51.0150.06.01R.00

Oval face plate for glass door hinge.



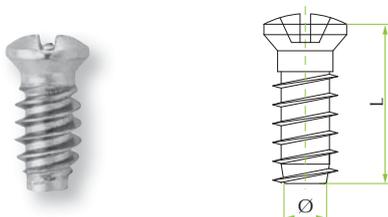
Colour	Code
Bright chrome	51.0150.05.01D.00
Matt chrome	51.0150.0G.01D.00
Bright gold	51.0150.04.01D.00
Black painted	51.0150.08.01D.00
Black RAL 9005	51.0150.0T.01D.00
White RAL 9016	51.0150.01.01D.00
Metallized bright chrome	51.0150.0K.01D.00
Metallized bright gold	51.0150.0H.01D.00
Matt chrome painted	51.0150.0J.01D.00
Matt nickel	51.0150.06.01D.00

Selftapping screws with Pozi drive head, nickel for hinge and mounting plate fixing.



Ø	Length	Material	Code
4	12.5	Steel	1A035034150CF
4	15.5	Steel	1A035034250CF

Euro screws with Pozi drive head, nickel for hinge fixing.



Ø	Length	Material	Code
6.3	12	Steel	1A075130050CF

Dowel in nylon for hinge fixing.



Ø	Height	Material	Code
10	12	Nylon	2H011070530CF
8	11	Nylon	2H000449003CF