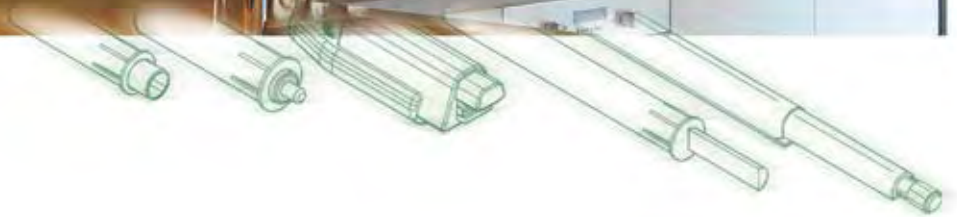


Magic system

Touch latches



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Hinges for Magic system

Technical details	7
Anyway Clip 92/93 hinges	8
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Technical details

The system utilizes the touch latch combined with special hinges to open the door automatically with a simple touch. The system can be used with wooden or aluminium framed doors.

Guaranteed functioning: the closed door cannot be blocked. Door can be opened by pulling and/or pushing it. The system can be used on doors with handles. No protruding parts are visible

on the door.

Magic system is combined with hinges that, with a continuous and smooth motion open the door automatically.



Magic system product range



Magic

Touch latches with retaining force 10 N and pushing force and 15 N, several cabinet adaptors are available.



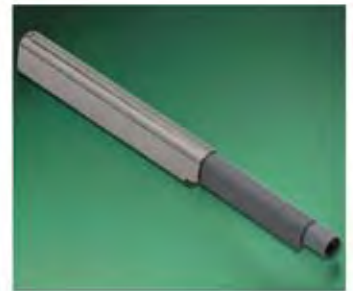
XL Magic

Touch latches with cabinet adaptor, retaining force 15 N, pushing force 22 N.



Magic Plus

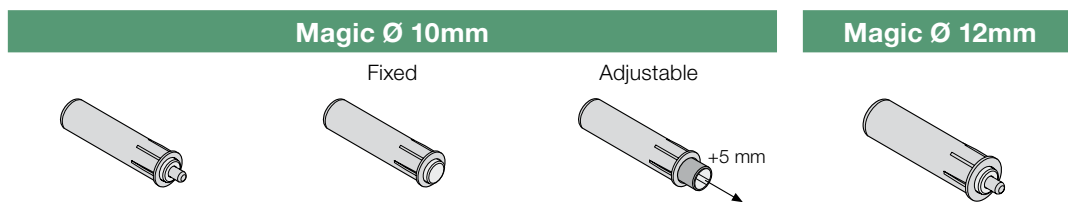
Retaining force 10 N, pushing force 15 N.



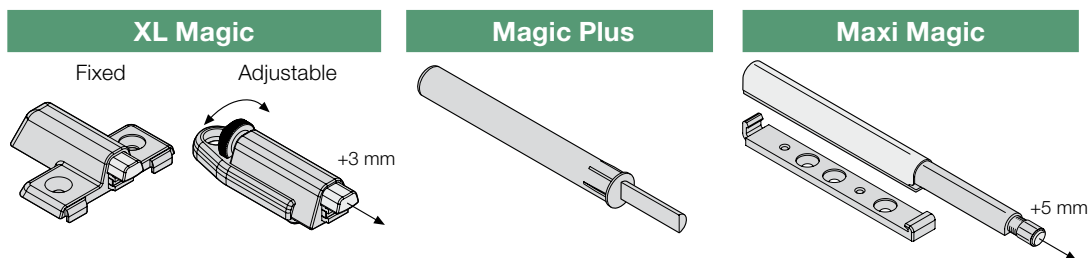
Maxi Magic

Touch latches with cabinet adaptor, retaining force 10 N, pushing force 22 N.

Product selection chart

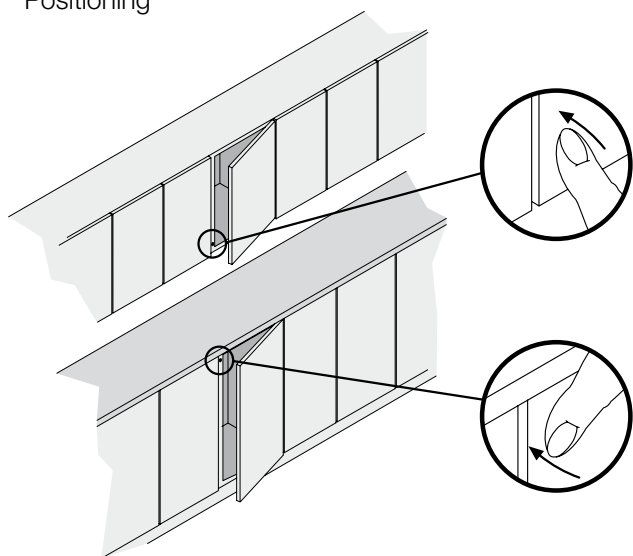


Description		Magic Ø 10mm			Magic Ø 12mm
		Touch Latch	Magnet only		Touch Latch
Pushing force	[N.]	15	-	-	22
Magnetic restraint	[N.]	10	15	15	15
Finish	RAL 7004	MP1100C4	MP1160C4	MP8100C4	MP7100C4
	RAL 9005	MP1100F	MP1160F	MP8100F	MP7100F
	RAL 9010	MP11001	MP11601	MP81001	



Description		XL Magic		Magic Plus		Maxi Magic	
		Touch Latch with adaptor		Touch Latch	Without Magnet	Touch Latch	Without Magnet
Pushing force	[N.]	22	22	15	15	22	22
Magnetic restraint	[N.]	15	15	10	-	10	-
Finish	RAL 7004	MP2100C4	MP3100C4	MP4100C4	MP5100C4		
	Metal					MP6200G	MP6100G

Positioning

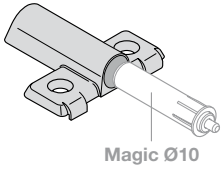
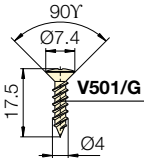
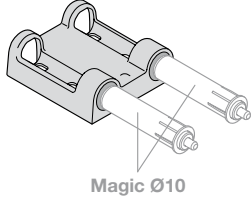
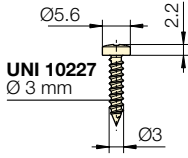
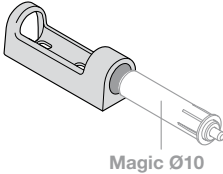
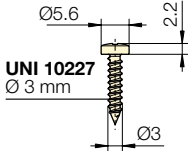
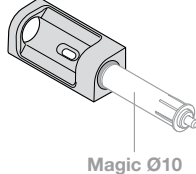
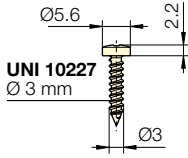


Position Magic in the most ergonomic place, generally in the middle of the cabinet side. Magic should always be positioned opposite to the hinged side, on the lower side of wall cabinets and on the upper side of base cabinets.

Accessories

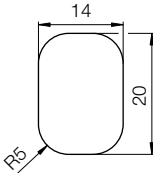
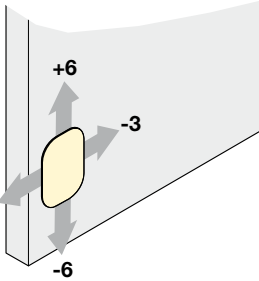
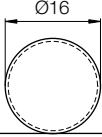
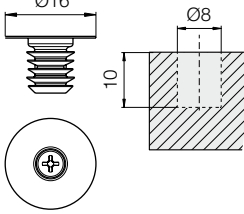
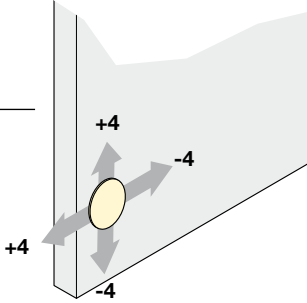
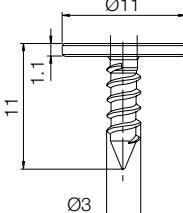
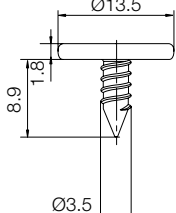

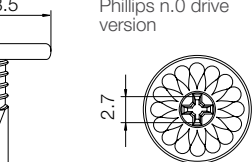
Adaptors for Magic Ø 10 mm

The different types of adaptors should be used with Ø 10 mm only.

Description	Finish	Code	Description	Finish	Code
Fixed adaptor drilling centers 10x32 mm	RAL 7004	SMP111/C4	Longitudinal adjustable double adaptor	RAL 7004	SMP120/C4
 Magic Ø10			 Magic Ø10		
Longitudinal adjustable adaptor	RAL 7004	SMP119/C4	Corner adjustable adaptor	RAL 7004	SMP118/C4
 Magic Ø10			 Magic Ø10		

Door plates

Apply the plates by centering them on the magnetic parts of the Magic system.

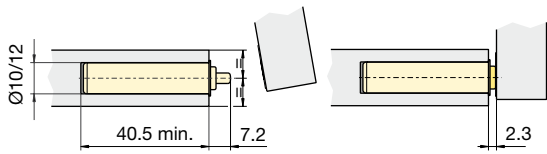
Description	Code	Drilling and dimensions	Adjustments
Rectangular plate glue fastening	MP1201G		
Rectangular plate with adhesive fastening	MP1204G		
Round plate with adhesive fastening	MP1205G		
Round plate dowel Ø 8x10 mm fastening	MP1203G		
Round plate dowel Ø 10x10 mm fastening	MP1206G		
Round plate Ø 11 mm	SMP125/G	SMP125 - SMP126	SMP127 - SMP132
Round plate Ø 11 mm with Phillips n°0 drive	SMP126/G		
Round plate Ø 13.5 mm with Phillips n°0 drive	SMP127/G		
Round plate Ø 13.5 mm	SMP132/G		

Installation and dimensions

Magic Ø10/12 mm

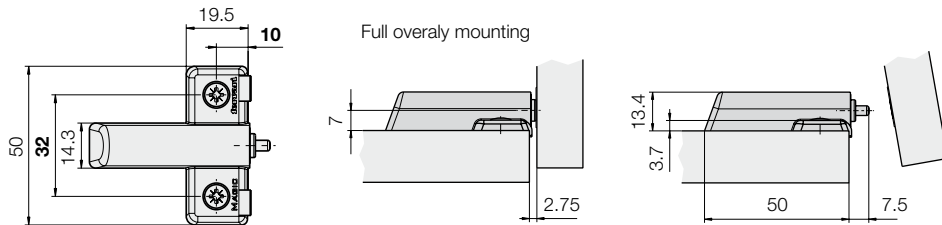
MP1100C4 - MP1100F - MP11001 - MP1160C4 - MP1160F - MP11601
 MP8100C4 - MP8100F - MP81001 - MP7100C4 - MP7100F

Overaly mounting

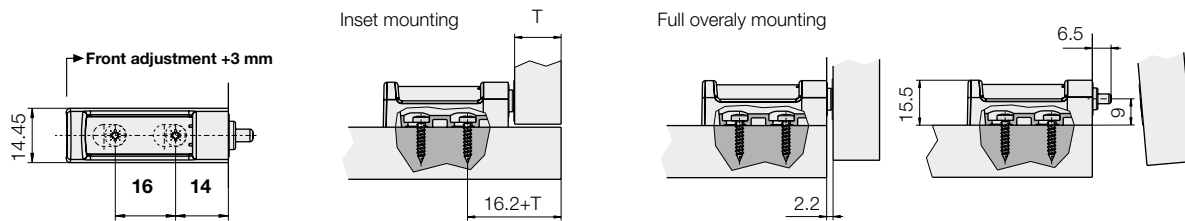


Adaptors for Magic Ø10 mm

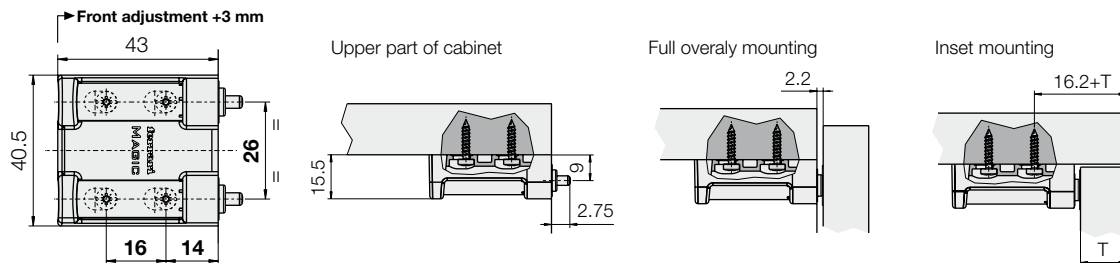
SMP111/C4



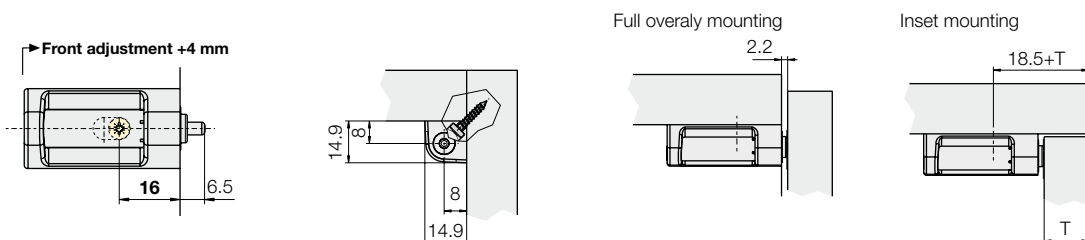
SMP119/C4



SMP120/C4



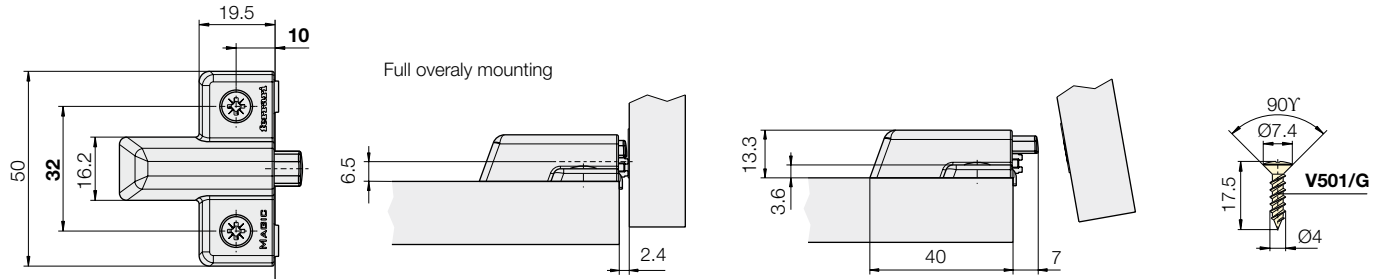
SMP118/C4



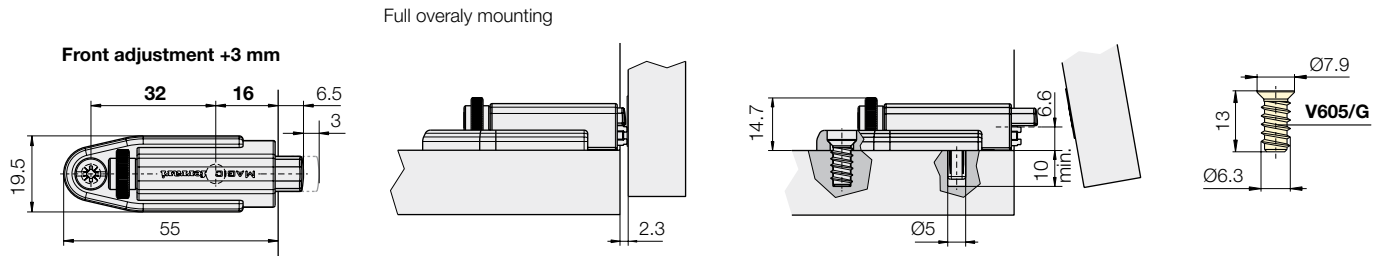
Installation and dimensions

XL Magic

MP2100C4

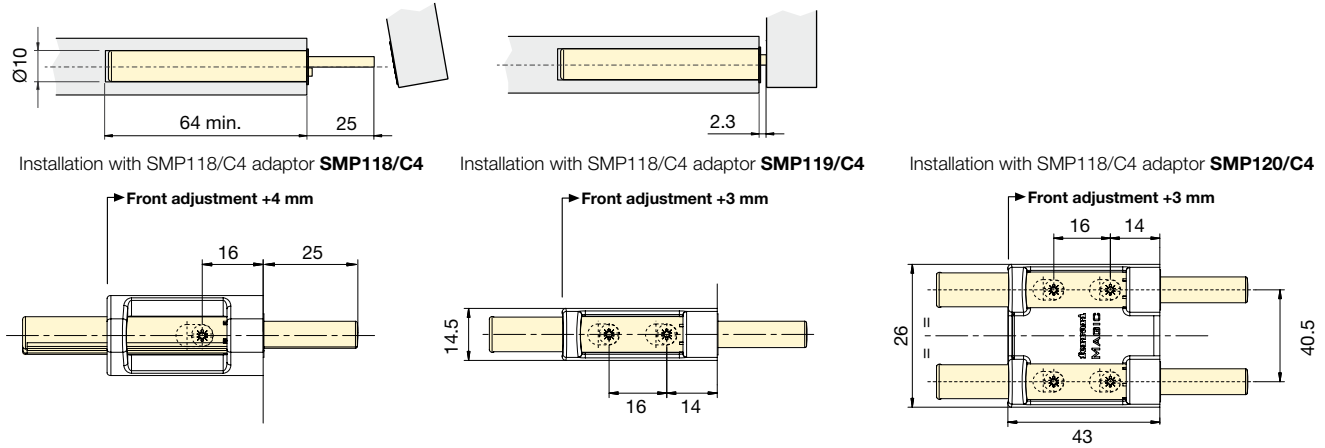


MP3100C4



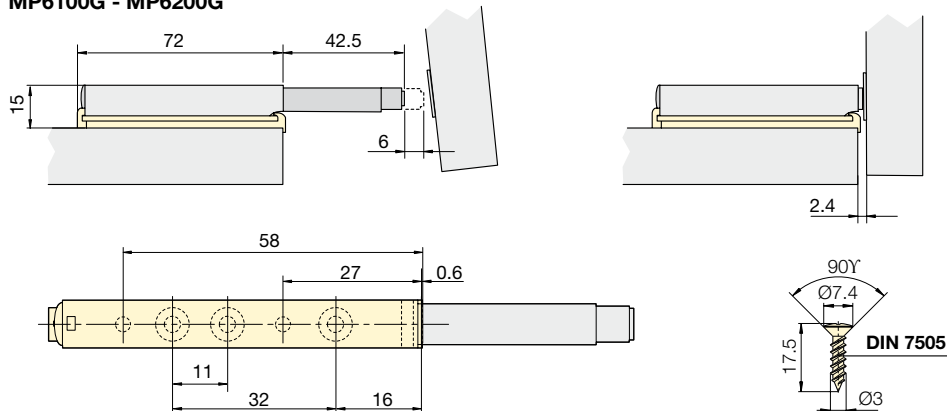
Magic Plus

MP4100C4 - MP5100C4



Magic Maxi

MP6100G - MP6200G



Hinges for Magic system

Anyway Clip 92/93



Type of release

Technical details

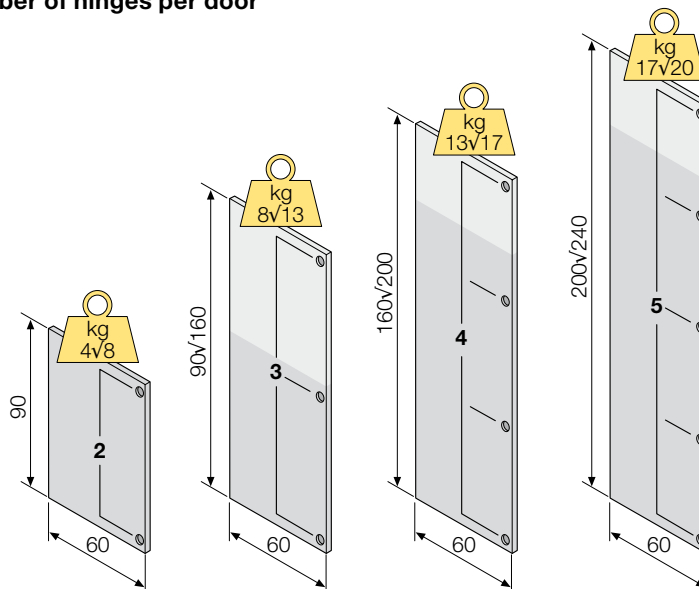
Magic & XL Magic can be combined with reverse sprung hinges, which open the door automatically.

These hinges are available with the clip system (Series 92/93) and the Slide-On system (Series 96), for wooden and aluminium profile doors, with the different cup fastenings and with all the accessories.

More information is available on the product catalogs. Thanks to its compact dimensions the hinge for metal profiles allows the use of frames with reduced thickness and width. The glass can be mounted with rubber gaskets, which enable silent functioning, easy installation and quick glass replacement. The standard hinge finish is: copper+nickel, different finishes

are available upon request. The image below shows the recommended number of hinges according to the door weight for doors that are 600 mm wide. Generally the number of hinges depends on several variables: door dimensions, weight, type and thickness and the hinge fastening. For special needs it is recommended to perform empirical tests.

Optimal number of hinges per door

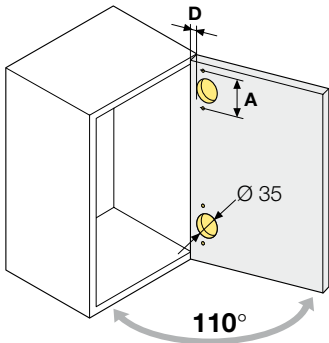


Width [cm]	Weight [Kg]	Height [cm]	Hinges advised [N°]
60	4÷8	90	2
	8÷13	90÷160	3
	13÷17	160÷200	4
	17÷20	200÷240	5

Further information on the Anyway Clip and Slide-on hinges is available on the product catalogs.

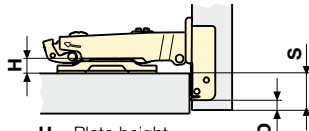
Hinges for Magic system Clip hinges for wooden doors

Anyway Clip 92/93 - 110° opening - Ø 35mm



Crank 0

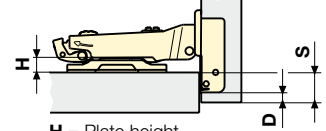
$$H = 17 + D - S$$



H = Plate height
D = Drilling distance
S = Overally

Crank 3

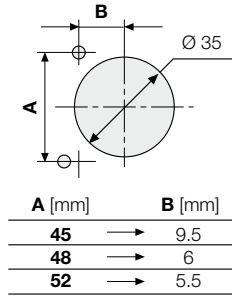
$$H = 14 + D - S$$



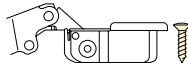
H = Plate height
D = Drilling distance
S = Overally

Ø hole [mm]	Drilling centers A [mm]	Adjustment	Cup fastening *				Cup fastening *			
			Woodscrews	Dowels	Speed	Digit	Woodscrews	Dowels	Speed	Digit
35	45	Screw	H92079AGGWS	H92081AGGWS	H92419AGGWS		H92079HGGWS	H92081HGGWS	H92419HGGWS	
		Cam	H93079AGGWS	H93081AGGWS	H93419AGGWS		H93079HGGWS	H93081HGGWS	H93419HGGWS	
	48	Screw	H92087AGGWS	H92091AGGWS	H92407AGGWS	H92505AGGWS	H92087HGGWS	H92091HGGWS	H92407HGGWS	H92505HGGWS
		Cam	H93087AGGWS	H93091AGGWS	H93407AGGWS	H93505AGGWS	H93087HGGWS	H93091HGGWS	H93407HGGWS	H93505HGGWS
	52	Screw	H92095AGGWS	H92099AGGWS			H92095HGGWS	H92099HGGWS		
		Cam	H93095AGGWS	H93099AGGWS			H93095HGGWS	H93099HGGWS		

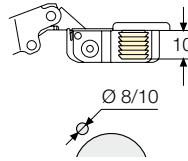
Drilling and cup fastening



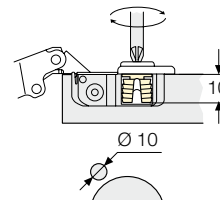
Cup fastening with woodscrews



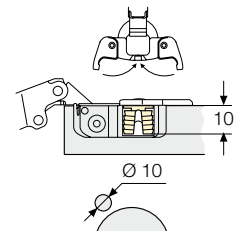
Cup fastening with dowels



Quick "Speed" cup fastening



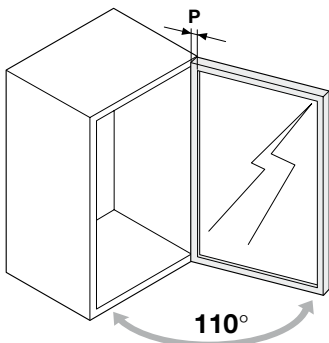
Quick "Digit" TLM cup fastening



* For different cup fastening systems please contact the Ferrari technical services.

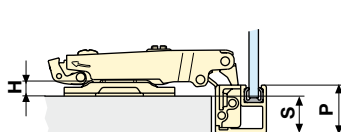
Clip hinges for aluminium profiles

Anyway Clip 92/93 - 110° opening



Crank 0

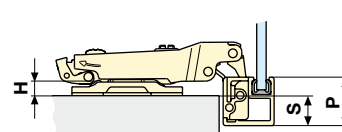
$$H = P + 1 - S$$



H = Plate height
S = Overally
P = Profile width

Crank 3

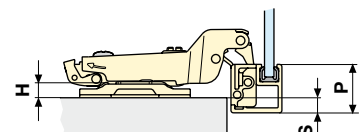
$$H = P - 2 - S$$



H = Plate height
S = Overally
P = Profile width

Crank 9

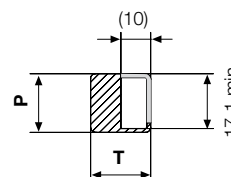
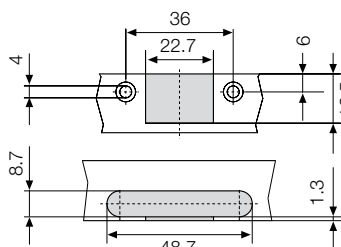
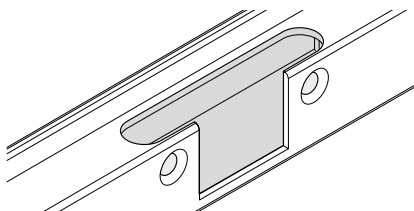
$$H = P - 8 - S$$



H = Plate height
S = Overally
P = Profile width

Drilling [mm]	Adjustment				
		C92595AZGGMWS	C93595AZGGMWS	C92595HZGGMWS	C93595HZGGMWS
36	Screw	C92595AZGGMWS	C93595AZGGMWS	C92595HZGGMWS	C93595HZGGMWS
	Cam	C92595BZGGMWS	C93595BZGGMWS	C92595HZGGMWS	C93595HZGGMWS

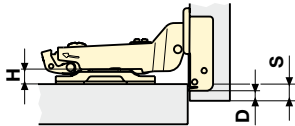
Drilling and cup fastening



P min = 18.50 mm
P max = 22 mm

Crank 9

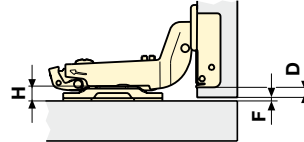
$$H = 8 + D - S$$



H = Plate height
D = Drilling distance
S = Overallly

Crank 17

$$H = D + F$$



H = Plate height
D = Drilling distance
F = Gap

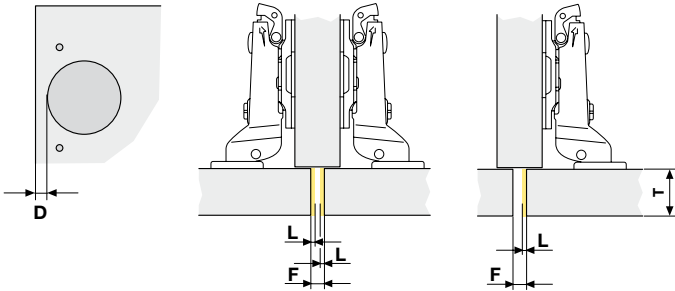
Cup fastening *

Woodscrews	Dowels	Speed	Digit
H92079BGGWS	H92081BGGWS	H92419BGGWS	
H93079BGGWS	H93081BGGWS	H93419BGGWS	
H92087BGGWS	H92091BGGWS	H92407BGGWS	H92505BGGWS
H93087BGGWS	H93091BGGWS	H93407BGGWS	H93505BGGWS
H92095BGGWS	H92099BGGWS		
H93095BGGWS	H93099BGGWS		

Cup fastening *

Woodscrews	Dowels	Speed	Digit
H92079CGGWS	H92081CGGWS	H92419CGGWS	
H93079CGGWS	H93081CGGWS	H93419CGGWS	
H92087CGGWS	H92091CGGWS	H92407CGGWS	H92505CGGWS
H93087CGGWS	H93091CGGWS	H93407CGGWS	H93505CGGWS
H92095CGGWS	H92099CGGWS		
H93095CGGWS	H93099CGGWS		

Minimum reveal for door rotation



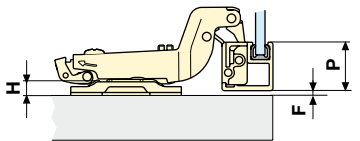
Drilling distance D [mm]	Door thickness T [mm]							
	16	17	18	19	20	21	22	23
3	0.6	0.9	1.2	1.5	1.9	3.0	4.5	5.6
4	0.6	0.8	1.1	1.4	1.8	2.2	3.5	4.6
5	0.6	0.8	1.1	1.4	1.7	2.1	2.5	3.6

F = Gap

NOTE: The gap F is the available room, which should always be higher than the reveal L.

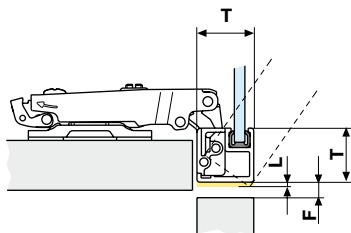
Crank 17

$$H = P - 16 + F$$



H = Plate height
F = Gap
P = Profile width

Minimum reveal for door rotation



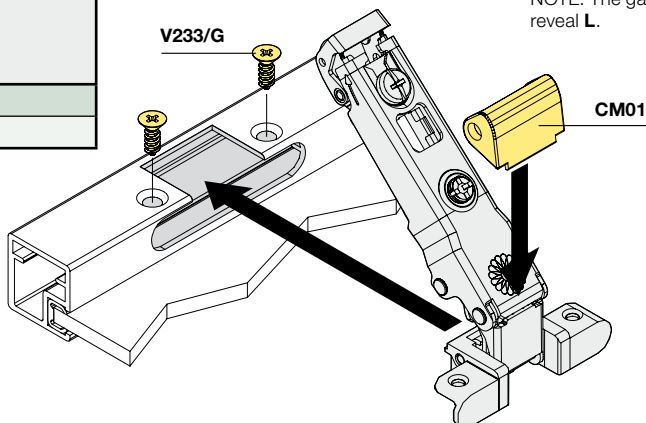
Profile width P [mm]	Door thickness T [mm]							
	17	18	19	20	21	22	23	
19	1.2	1.5	1.9	3.0	4.5	5.6	6.6	
20	1.1	1.4	1.8	2.2	3.5	4.6	5.5	
21	1.1	1.4	1.7	2.1	2.5	3.6	4.5	

F = Gap

NOTE: The gap F is the available room, which should always be higher than the reveal L.

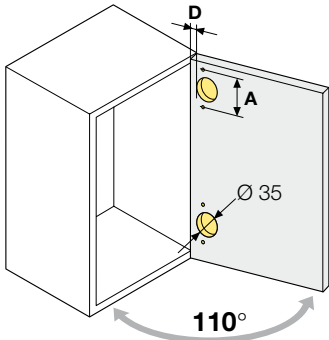
C92595CZGMGWS

C93595CZGMGWS



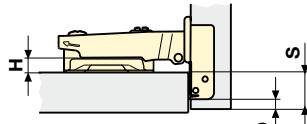
Hinges for Magic system Slide-on hinges for wooden doors

Slide - on 96 - 110° opening - Ø 35mm



Crank 0

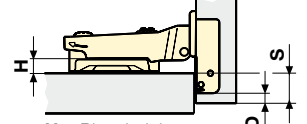
$$H = 17 + D - S$$



H = Plate height
D = Drilling distance
S = Overlay

Crank 3

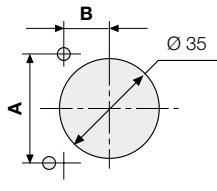
$$H = 14 + D - S$$



H = Plate height
D = Drilling distance
S = Overlay

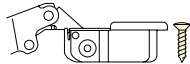
Ø hole [mm]	Drilling centers A [mm]	Cup fastening *				Cup fastening *			
		Woodscrews	Dowels	Speed	Digit	Woodscrews	Dowels	Speed	Digit
35	45	H96079AGG	H96081AGG	H96419AGG		H96079HGG	H96081HGG	H96419HGG	
	48	H96087AGG	H96091AGG	H96407AGG	H96505AGG	H96087HGG	H96091HGG	H96407HGG	H96505HGG
	52	H96095AGG	H96099AGG			H96095HGG	H96099HGG		

Drilling and cup fastening

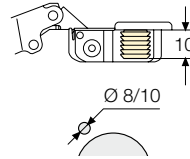


A [mm]	B [mm]
45	9.5
48	6
52	5.5

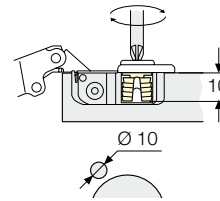
Cup fastening with woodscrews



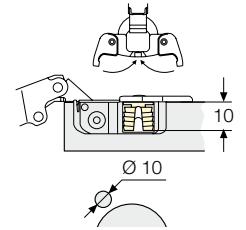
Cup fastening with dowels



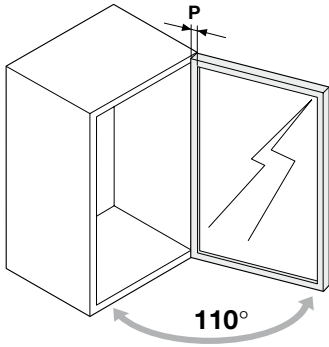
Quick "Speed" cup fastening



Quick "Digit" TLM cup fastening



* For different cup fastening systems please contact the Ferrari technical services

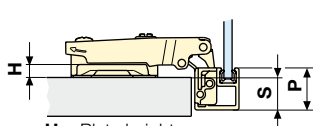


Slide-on hinges for aluminium profi les

Slide - on 96 - 110° opening

Crank 0

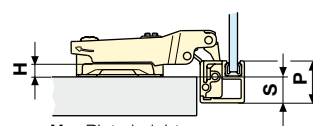
$$H = P + 1 - S$$



H = Plate height
S = Overlay
P = Profile width

Crank 3

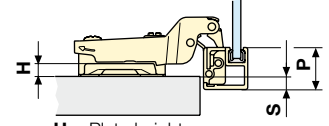
$$H = P - 2 - S$$



H = Plate height
S = Overlay
P = Profile width

Crank 9

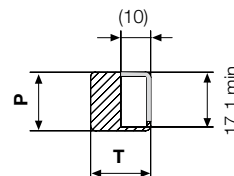
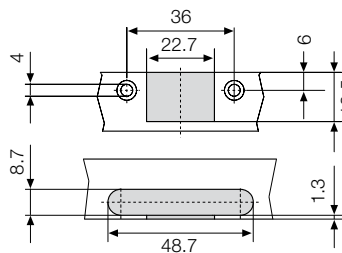
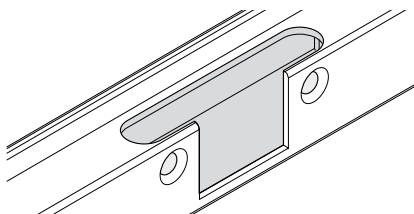
$$H = P - 8 - S$$



H = Plate height
S = Overlay
P = Profile width

Drilling [mm]	C96595AZGMG	C96595HZGMGWS	C96595BZGMGWS
36			

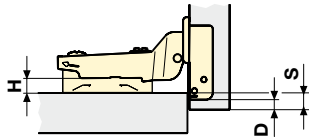
Drilling and cup fastening



P min = 18.50 mm
P max = 22 mm

Crank 9

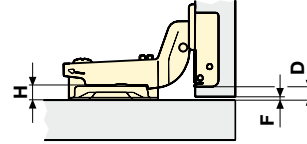
$$H = 8 + D - S$$



H = Plate height
D = Drilling distance
S = Overlay

Crank 17

$$H = D + F$$



H = Plate height
D = Drilling distance
F = Gap

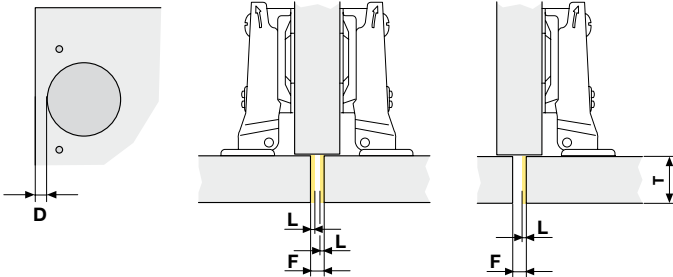
Cup fastening *

Woodscrews	Dowels	Speed	Digit
H96079BGG	H96081BGG	H96419BGG	
H96087BGG	H96091BGG	H96407BGG	H96505BGG
H96095BGG	H96099BGG		

Cup fastening *

Woodscrews	Dowels	Speed	Digit
H96079CGG	H96081CGG	H96419CGG	
H96087CGG	H96091CGG	H96407CGG	H96505CGG
H96095CGG	H96099CGG		

Minimum reveal for door rotation



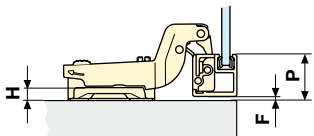
Drilling distance D [mm]	Door thickness T [mm]							
	16	17	18	19	20	21	22	23
3	0.6	0.9	1.2	1.5	1.9	3.0	4.5	5.6
4	0.6	0.8	1.1	1.4	1.8	2.2	3.5	4.6
5	0.6	0.8	1.1	1.4	1.7	2.1	2.5	3.6

F = Gap

NOTE: The gap F is the available room, which should always be higher than the reveal L.

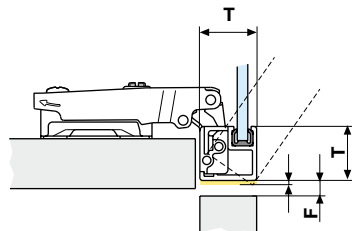
Crank 17

$$H = P - 16 + F$$



H = Plate height
F = Gap
P = Profile width

Minimum reveal for door rotation

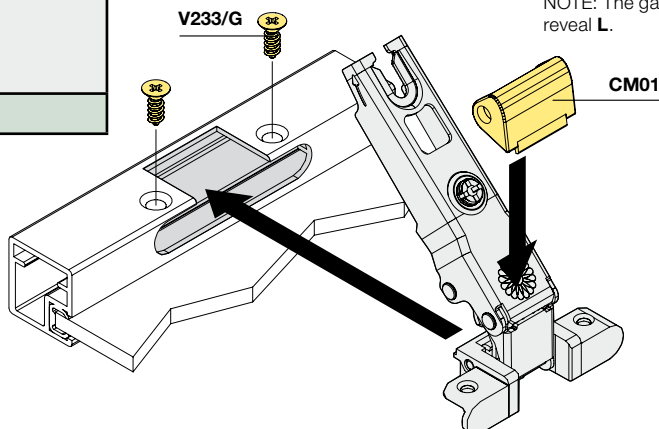


Drilling distance P [mm]	Door thickness T [mm]							
	17	18	19	20	21	22	23	
19	1.2	1.5	1.9	3.0	4.5	5.6	6.6	
20	1.1	1.4	1.8	2.2	3.5	4.6	5.5	
21	1.1	1.4	1.7	2.1	2.5	3.6	4.5	

F = Gap

NOTE: The gap F is the available room, which should always be higher than the reveal L.

C96595CZGMGWS



Codes and packing

Code	Description	Unit/Pack
MP11001	Magic touch latch white RAL 9010	1/100
MP1100C4	Magic touch latch grey RAL 7004	1/100
MP1100F	Magic touch latch black RAL 9005	1/100
MP11601	Fixed magnet white RAL 9010	1/100
MP1160C4	Fixed magnet grey RAL 7004	1/100
MP1160F	Fixed magnet black RAL 9005	1/100
MP2100C4	XL Magic touch latch 10X32 mm grey RAL 7004	1/72
MP3100C4	Longitudinal adjustable XL Magic touch latch grey RAL 7004	1/200
MP4100C4	Magic Plus touch latch with magnet grey RAL 7004	1/200
MP5100C4	Magic Plus touch latch without magnet grey RAL 7004	1/200
MP6100G	Maxi Magic without magnet nickel plated	1/200
MP6200G	Maxi Magic with magnet nickel plated	1/200
MP7100C4	Magic touch latch Ø12 mm grey RAL 7004	1/100
MP7100F	Magic touch latch Ø 12 mm black RAL 9005	1/100
MP81001	Adjustable magnet white RAL 9010	1/100
MP8100C4	Adjustable magnet grey RAL 7004	1/100
MP8100F	Adjustable magnet black RAL 9005	1/100
SMP111/C4	Fixed adaptor drilling centers 10x32 mm grey RAL 7004	1/2000
SMP118/C4	Corner adjustable adaptor grey RAL 7004	1/2000
SMP119/C4	Longitudinal adjustable adaptor grey RAL 7004	1/2000
SMP120/C4	Longitudinal adjustable double adaptor grey RAL 7004	1/2000
MP1203G	Metal round plate for magnetic touch latches dowel Ø 8x10 mm fastening	1/2000
MP1204G	Metal rectangular plate for magnetic touch latches with adhesive fastening	1/2000
MP1205G	Metal round plate for magnetic touch latches with adhesive fastening	1/2000
MP1206G	Metal round plate for magnetic touch latches dowel Ø 10x10 mm fastening	1/2000
SMP125/G	Metal round plate for magnetic touch latches Ø 11 mm	1/9000
SMP126/G	Metal round plate for magnetic touch latches Ø 11 mm with Philips n° 0 drive	1/8000
SMP127/G	Metal round plate for magnetic touch latches Ø 13.5 mm with Philips n° 0 drive	1/8000
SMP132/G	Metal round plate for magnetic touch latches Ø 13.5 mm	1/8000



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