

INTERFER

MS Slide-On

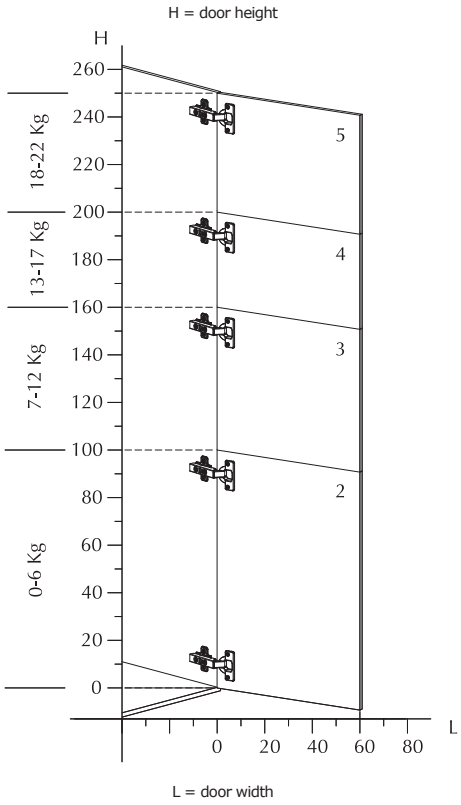
The right function

- Cost-effective Slide-On mechanism
- Wide range 3D door adjustment
- Large program of cup-fixing methods
- Genios Compatible
- Option OneTouch
- Complete range of solutions

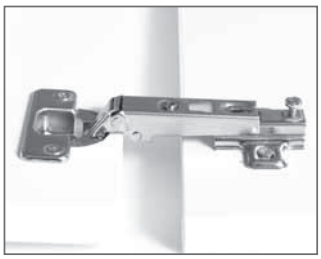
The **MS Slide-On** hinges represent the perfect synthesis between functional needs and right value of the product. The complete range allows to cover all the applications with a specific solution, adjustable to the needs of the user through easy and strong adjustments. The rapid (Velofix and X-Pando) or no-tool (Zip) door fixings allow assembly in a short time and in a safe way. The MS Slide-On hinges are available in push-open version for use with the OneTouch device for handleless cabinet design. They are available in Genios configuration, and compatible with SlowMotion Alfa and SlowMotion Delta add-on damper solutions as well.

MS Slide-On

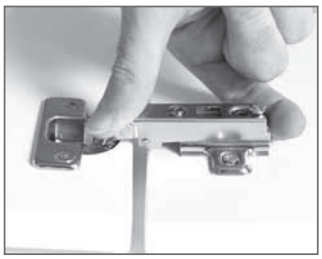




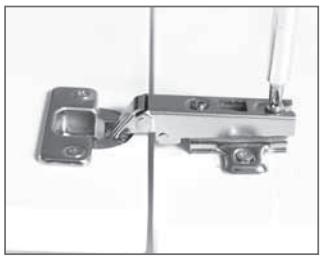
Mounting System



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

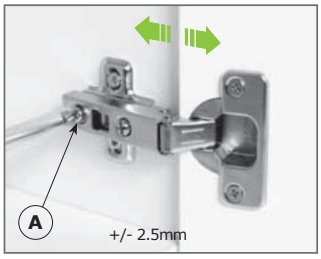


2 Let the hinge slide on the mounting plate until it stops.

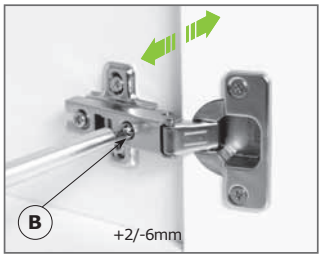


3 Tighten the connecting screw.

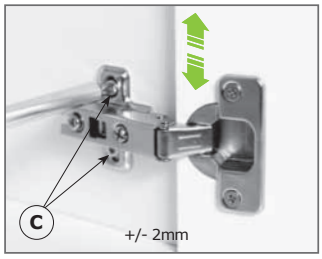
Adjusting System



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.

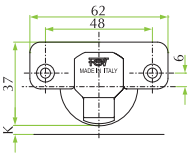
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SPECIAL SOLUTIONS

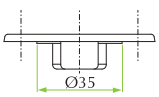
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Cup hole distance 48x6mm

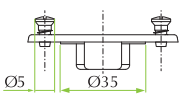


OPENING 110°	Crank 0	p. 68	p. 68	p. 68	p. 68	p. 68
	Crank 4	p. 68	p. 68	p. 68	p. 68	p. 68
	Crank 8	p. 70	p. 70	p. 70	p. 70	p. 70
	Crank 15	p. 70	p. 70	p. 70	p. 70	p. 70
OPENING 125°	Crank 0	p. 72	p. 72	p. 72	p. 72	
	Crank 8	p. 72	p. 72	p. 72	p. 72	
OPENING 175°	Crank 0	p. 74	p. 74	p. 74	p. 74	
	Crank 8	p. 74	p. 74	p. 74	p. 74	
FOR THICK DOORS STANDARD OPENING 95° Ø35	Crank 0	p. 76	p. 76	p. 76	p. 76	
	Crank 4	p. 76	p. 76	p. 76	p. 76	
	Crank 8	p. 78	p. 78	p. 78	p. 78	
	Crank 15	p. 78	p. 78	p. 78	p. 78	
FOR CORNER DOORS 110°	Angle -25°	p. 80	p. 80	p. 80	p. 80	
	Angle +25°	p. 80	p. 80	p. 80	p. 80	
	Angle 24°÷30°	p. 82	p. 82	p. 82	p. 82	p. 82
	Angle 45°	p. 82	p. 82	p. 82	p. 82	p. 82
	Angle 90°	p. 82	p. 82	p. 82	p. 82	p. 82
FOR CORNER CABINET		p. 84	p. 84	p. 84	p. 84	

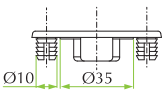
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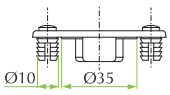
EURO SCREW



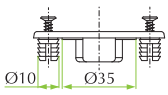
DOWEL



VELOFIX DOWEL

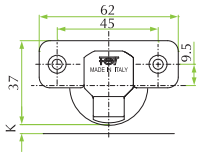


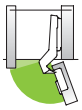
X-PANDO DOWEL



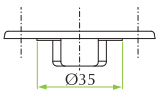
Cup hole distance 45x9.5mm

A

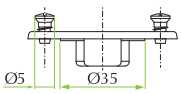


OPENING 110°  	Crank 0	p. 68	p. 68	p. 68	p. 68	p. 68
	Crank 4	p. 68	p. 68	p. 68	p. 68	p. 68
	Crank 8	p. 70	p. 70	p. 70	p. 70	p. 70
	Crank 15	p. 70	p. 70	p. 70	p. 70	p. 70
OPENING 125°  	Crank 0	p. 72	p. 72	p. 72	p. 72	
	Crank 8	p. 72	p. 72	p. 72	p. 72	
OPENING 175°  	Crank 0	p. 74	p. 74	p. 74	p. 74	
	Crank 8	p. 74	p. 74	p. 74	p. 74	
FOR THICK DOORS STANDARD OPENING 95° Ø35  	Crank 0	p. 76	p. 76	p. 76	p. 76	
	Crank 4	p. 76	p. 76	p. 76	p. 76	
	Crank 8	p. 78	p. 78	p. 78	p. 78	
	Crank 15	p. 78	p. 78	p. 78	p. 78	
FOR CORNER DOORS 110°  	Angle -25°	p. 80	p. 80	p. 80	p. 80	
	Angle +25°	p. 80	p. 80	p. 80	p. 80	
	Angle 24°÷30°	p. 82	p. 82	p. 82	p. 82	p. 82
	Angle 45°	p. 82	p. 82	p. 82	p. 82	p. 82
	Angle 90°	p. 82	p. 82	p. 82	p. 82	p. 82
FOR CORNER CABINET 		p. 84	p. 84	p. 84	p. 84	

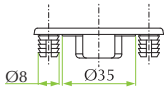
SELFTAPPING SCREW



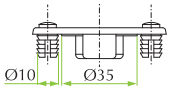
EURO SCREW



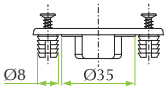
DOWEL



VELOFIX DOWEL

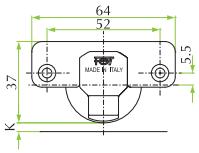


X-PANDO DOWEL



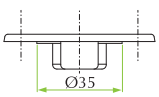
Cup hole distance 52x5.5mm

D

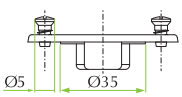


OPENING 110°	Crank 0	p. 68	p. 68	p. 68	p. 68	p. 68
	Crank 4	p. 68	p. 68	p. 68	p. 68	p. 68
	Crank 8	p. 70	p. 70	p. 70	p. 70	p. 70
	Crank 15	p. 70	p. 70	p. 70	p. 70	p. 70
OPENING 125°	Crank 0	p. 72	p. 72	p. 72	p. 72	
	Crank 8	p. 72	p. 72	p. 72	p. 72	
OPENING 175°	Crank 0	p. 74	p. 74	p. 74	p. 74	
	Crank 8	p. 74	p. 74	p. 74	p. 74	
FOR THICK DOORS STANDARD OPENING 95° Ø35	Crank 0	p. 76	p. 76	p. 76	p. 76	
	Crank 4	p. 76	p. 76	p. 76	p. 76	
	Crank 8	p. 78	p. 78	p. 78	p. 78	
	Crank 15	p. 78	p. 78	p. 78	p. 78	
FOR CORNER DOORS 110°	Angle -25°	p. 80	p. 80	p. 80	p. 80	
	Angle +25°	p. 80	p. 80	p. 80	p. 80	
	Angle 24°÷30°	p. 82	p. 82	p. 82	p. 82	p. 82
	Angle 45°	p. 82	p. 82	p. 82	p. 82	p. 82
	Angle 90°	p. 82	p. 82	p. 82	p. 82	p. 82
FOR CORNER CABINET		p. 84	p. 84	p. 84	p. 84	

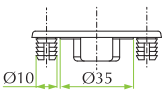
SELFTAPPING SCREW



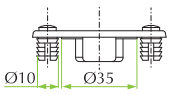
EURO SCREW



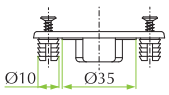
DOWEL



VELOFIX DOWEL

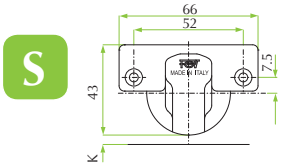


X-PANDO DOWEL

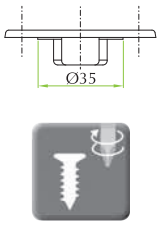


SPECIAL SOLUTIONS

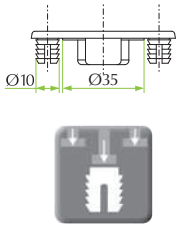
CUP HOLE DISTANCE 52x7.5mm



SELFTAPPING SCREW



DOWEL



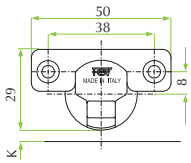
FOR THICK DOORS OPENING 90° Ø40



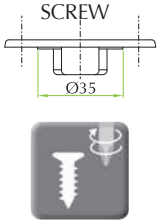


Crank 0		p. 86	p. 86
Crank 8		p. 86	p. 86
Crank 15		p. 88	p. 88
Crank 22		p. 88	p. 88

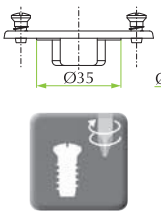
CUP HOLE DISTANCE 38x8mm



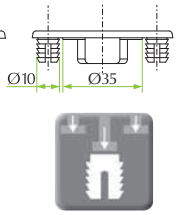
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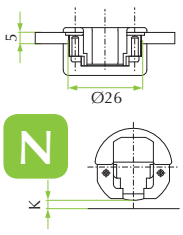
EURO SCREW



DOWEL



NYLON (glass)



FOR WOOD AND/OR GLASS DOORS 90° Ø26





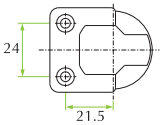
Crank 0		p. 90	p. 90	p. 90	p. 92
Crank 8		p. 90	p. 90	p. 90	p. 92
Crank 15		p. 90	p. 90	p. 90	p. 92

		GROOVED PROFILE	LOCK FIXING
FOR DOORS WITH ALUMINIUM FRAME OPENING 105°			
Crank 0		p. 94	p. 96
Crank 8		p. 94	p. 96
Crank 15		p. 94	p. 96

FOR FLAP DOORS





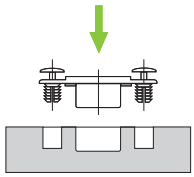


LEFT	RIGHT
p. 98	p. 98

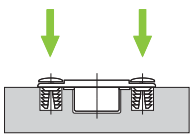
ZIP FIXING SYSTEM

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.

MS Slide-On **110°**



Technical specifications:

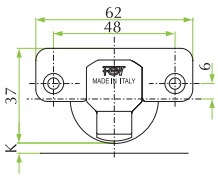
- Depth of the metal cup 11.3mm
- Cup diameter 35mm
- Opening 110° with (K) max 4mm e (T) max 18mm
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 16 to 26 mm
- Genios, SlowMotion Alfa and OneTouch solutions

	CRANK 0	CRANK 4
		
I A D	51.MS15.05.00.0	51.MS15.05.04.0
I A D	51.MS15.05.00.C	51.MS15.05.04.C
I A D	51.MS15.05.00.B	51.MS15.05.04.B
	Available with premounted selftapping screws	
I A D	51.MS16.05.00.M	51.MS16.05.04.M
I A D	51.MS16.05.00.N	51.MS16.05.04.N
I A D	51.MS16.05.00.E	51.MS16.05.04.E
I A D	51.MS16.05.00.*	51.MS16.05.04.*
I A D	51.MS16.05.00.S	51.MS16.05.04.S
I A D	51.MS16.05.00.B	51.MS16.05.04.B
	** 0 = dowels Ø10mm / D = dowels Ø8mm*	
I A D	51.MS18.05.00.V	51.MS18.05.04.V
I A D	51.MS18.05.00.U	51.MS18.05.04.U
I A D	51.MS18.05.00.Z	51.MS18.05.04.Z
I A D	51.MS19.05.00.0	51.MS19.05.04.0
I A D	51.MS19.05.00.S	51.MS19.05.04.S
I A D	51.MS19.05.00.B	51.MS19.05.04.B

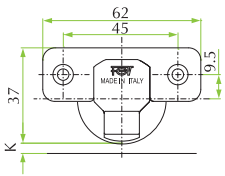
CRANKS 8, 15 TO PAGE 70 >>>

= G / Genios Solution

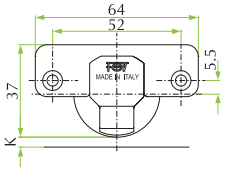
I



A

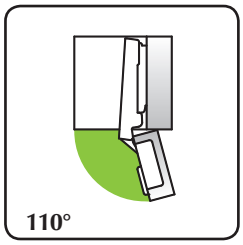


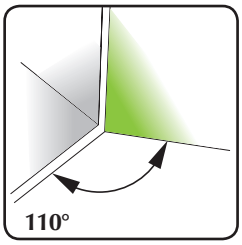
D



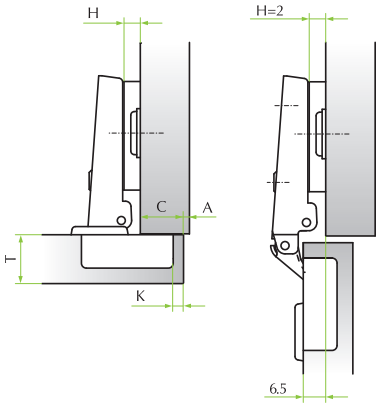
The mounting plates and fittings for this hinge series are shown from page 100 to page 107.



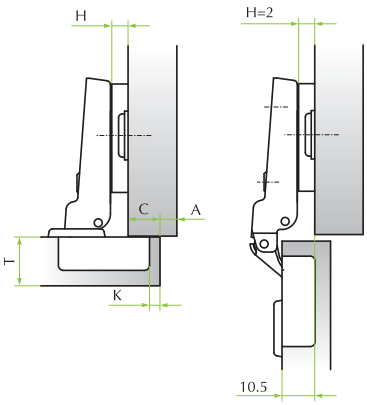




CRANK 0
For lay-on doors



CRANK 4
For partial lay-on doors



Overlay (C)	Drilling distance (K) 3	4	5	6	7
19			0		2
18		0		2	
17	0		2		4
16		2		4	
15	2		4		6
14		4		6	
13	4		6		
12		6			
11	6				Mounting plates (H)

Overlay (C)	Drilling distance (K) 3	4	5	6	7
15			0		2
14		0		2	
13	0		2		4
12		2		4	
11	2		4		6
10		4		6	
9	4		6		
8		6			
7	6				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=**	0.55	0.75	1.10	1.45	1.80	2.40	3.10	3.90	4.70	6.70	6.50
K=4	**A=**	0.55	0.70	1.05	1.40	1.75	2.25	2.85	3.60	4.35	5.75	6.00
K=5	**A=**	0.55	0.70	1.00	1.35	1.65	2.10	2.65	3.30	4.00	4.75	5.55
K=6	**A=**	0.50	0.70	0.95	1.25	1.60	2.00	2.50	3.05	3.70	4.40	5.20
K=7	**A=**	0.50	0.65	0.85	1.20	1.55	1.90	2.35	2.85	3.45	4.10	4.80

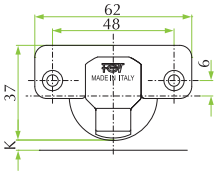


<<< CRANK 0, 4 TO PAGE 68

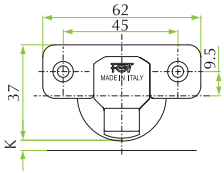
	CRANK 8	CRANK 15
		
I A D	51.MS15.05.08.0	51.MS15.05.15.0
	51.MS15.05.08.C	51.MS15.05.15.C
	51.MS15.05.08.B	51.MS15.05.15.B
	Available with premounted selftapping screws	
I A D	51.MS16.05.08.M	51.MS16.05.15.M
	51.MS16.05.08.N	51.MS16.05.15.N
	51.MS16.05.08.E	51.MS16.05.15.E
I A D	51.MS16.05.08.*	51.MS16.05.15.*
	51.MS16.05.08.S	51.MS16.05.15.S
	51.MS16.05.08.B	51.MS16.05.15.B
	** 0 = dowels Ø10mm / D = dowels Ø8mm*	
I A D	51.MS18.05.08.V	51.MS18.05.15.V
	51.MS18.05.08.U	51.MS18.05.15.U
	51.MS18.05.08.Z	51.MS18.05.15.Z
I A D	51.MS19.05.08.0	51.MS19.05.15.0
	51.MS19.05.08.S	51.MS19.05.15.S
	51.MS19.05.08.B	51.MS19.05.15.B

◔ = G / Genios Solution

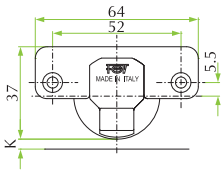
I



A

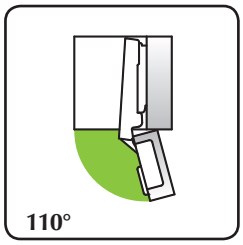


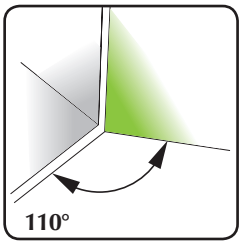
D



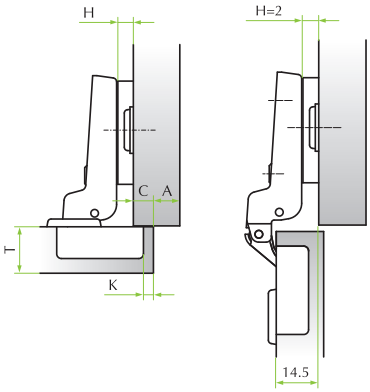
The mounting plates and fittings for this hinge series are shown from page 100 to page 107.



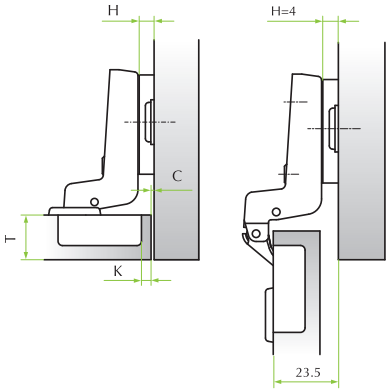




CRANK 8
For partial lay-on doors



CRANK 15
For inset doors



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

Mounting plates (H)

Overlay (C) \ Drilling distance (K)	3	4	5	6	7
0	2		4		6
1		4		6	
2	4		6		
3		6			
4	6				

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=	0.55	0.75	1.10	1.45	1.80	2.40	3.10	3.90	4.70	6.70	6.50
K=4	A=	0.55	0.70	1.05	1.40	1.75	2.25	2.85	3.60	4.35	5.75	6.00
K=5	A=	0.55	0.70	1.00	1.35	1.65	2.10	2.65	3.30	4.00	4.75	5.55
K=6	A=	0.50	0.70	0.95	1.25	1.60	2.00	2.50	3.05	3.70	4.40	5.20
K=7	A=	0.50	0.65	0.85	1.20	1.55	1.90	2.35	2.85	3.45	4.10	4.80

MS Slide-On **125°**

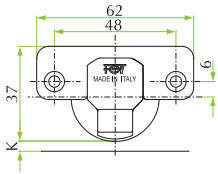


Technical specifications:

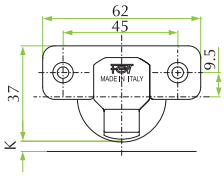
- Depth of the metal cup 12.3mm
- Cup diameter 35mm
- Opening 125° with (K) max 4mm e (T) max 18mm
- Possibility of door drilling (K) from 3 to 5 mm
- Thickness of the door (T) from 16 to 26 mm

	CRANK 0	CRANK 8
		
I	51.MK15.M5.00.0	51.MK15.M5.08.0
A	51.MK15.M5.00.C	51.MK15.M5.08.C
D	51.MK15.M5.00.B	51.MK15.M5.08.B
	Available with premounted selftapping screws	
I	51.MK16.M5.00.M	51.MK16.M5.08.M
A	51.MK16.M5.00.N	51.MK16.M5.08.N
D	51.MK16.M5.00.E	51.MK16.M5.08.E
I	51.MK16.M5.00.*	51.MK16.M5.08.*
A	51.MK16.M5.00.S	51.MK16.M5.08.S
D	51.MK16.M5.00.B	51.MK16.M5.08.B
	** 0 = dowels Ø10mm / D = dowels Ø8mm*	
I	51.MK18.M5.00.V	51.MK18.M5.08.V
A	51.MK18.M5.00.U	51.MK18.M5.08.U
D	51.MK18.M5.00.Z	51.MK18.M5.08.Z

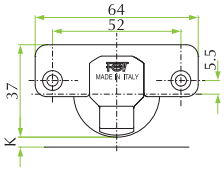
I



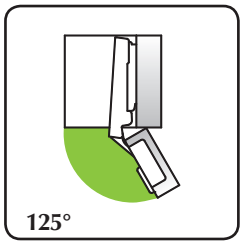
A

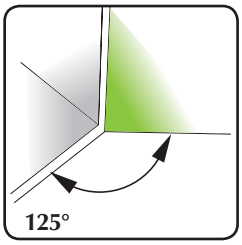


D

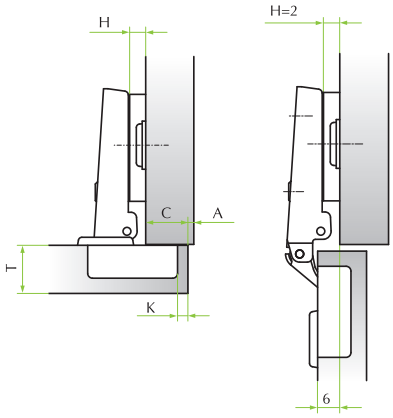


The mounting plates and fittings for this hinge series are shown from page 100 to page 107.





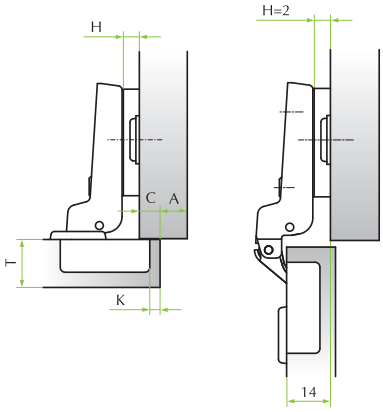
CRANK 0
For lay-on doors



Overlay (C) \ Drilling distance (K)	3	4	5	6	7
19			0		2
18		0		2	
17	0		2		4
16		2		4	
15	2		4		6
14		4		6	
13	4		6		
12		6			
11	6				

Mounting plates (H)

CRANK 8
For partial lay-on doors



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

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.

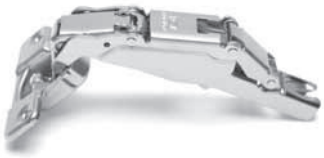
	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0.90	1.40	1.90	2.40	3.00	3.60	4.25	4.90	5.55	6.20	6.80
K=4	A=	0.85	1.25	1.75	2.25	2.75	3.35	4.00	4.65	5.30	5.95	6.60
K=5	A=	0.80	1.10	1.60	2.10	2.55	3.15	3.75	4.45	5.05	5.70	6.35

MS Slide-On 175°

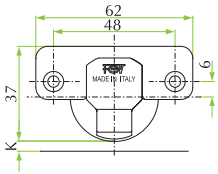


Technical specifications:

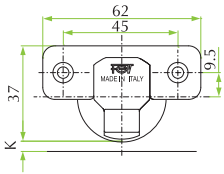
- Depth of the metal cup 11.3mm
- Cup diameter 35mm
- Opening 175°
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 16 to 26 mm
- SlowMotion Delta solutions

	CRANK 0	CRANK 8
		
I A D	51.MW15.S5.00.0	51.MW15.M5.08.0
I A D	51.MW15.S5.00.C	51.MW15.M5.08.C
I A D	51.MW15.S5.00.B	51.MW15.M5.08.B
	Available with premounted selftapping screws	
I A D	51.MW16.S5.00.M	51.MW16.M5.08.M
I A D	51.MW16.S5.00.N	51.MW16.M5.08.N
I A D	51.MW16.S5.00.E	51.MW16.M5.08.E
I A D	51.MW16.S5.00.*	51.MW16.M5.08.*
I A D	51.MW16.S5.00.S	51.MW16.M5.08.S
I A D	51.MW16.S5.00.B	51.MW16.M5.08.B
	** 0 = dowels Ø10mm / D = dowels Ø8mm*	
I A D	51.MW18.S5.00.V	51.MW18.M5.08.V
I A D	51.MW18.S5.00.U	51.MW18.M5.08.U
I A D	51.MW18.S5.00.Z	51.MW18.M5.08.Z

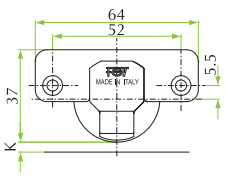
I



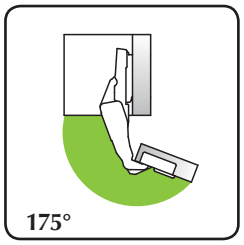
A

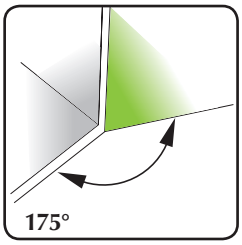


D

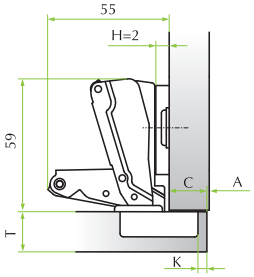


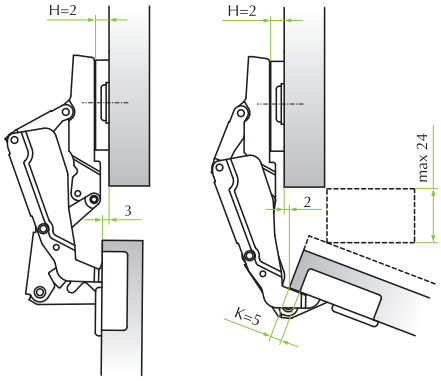
The mounting plates and fittings for this hinge series are shown from page 100 to page 107.





CRANK 0
For lay-on doors

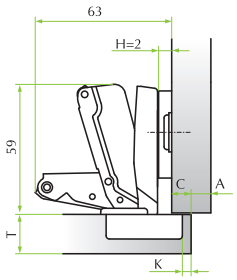


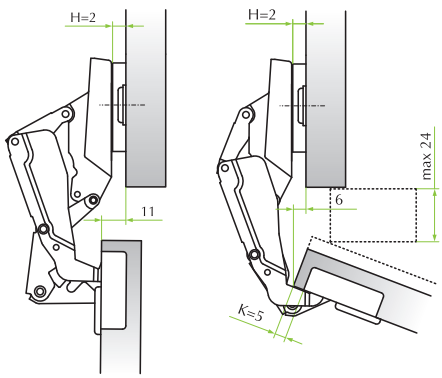


Overlay (C)	Drilling distance (K) 3	4	5	6	7
19			0		2
18		0		2	
17	0		2		4
16		2		4	
15	2		4		6
14		4		6	
13	4		6		
12		6			
11	6				

Mounting plates (H)

CRANK 8
For partial lay-on doors





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

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=	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.55	6.80	8.10	13.55
K=4	A=	0.00	0.00	0.00	0.00	0.00	0.05	0.30	3.50	5.85	7.25	12.55
K=5	A=	0.00	0.00	0.00	0.00	0.00	0.05	0.30	3.55	4.90	6.25	11.55
K=6	A=	0.00	0.00	0.00	0.00	0.00	0.05	0.40	3.00	3.90	5.25	10.55
K=7	A=	0.00	0.00	0.00	0.00	0.00	0.05	1.20	2.20	3.15	4.25	9.55

MS Slide-On **95°** Ø35 for thick doors



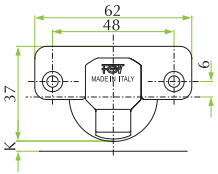
Technical specifications:

- Depth of the metal cup 11.3mm standard, 12.3mm Genios
- Cup diameter 35mm
- Opening 95°
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 16 to 30 mm
- Genios solutions

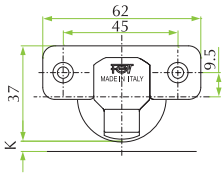
		CRANK 0		CRANK 4	CRANKS 8, 15 TO PAGE 78 >>>
					
	I	51.MT15.05.00.0	51.MZ15.05.00.0	51.MT15.05.04.0	51.MZ15.05.04.0
	A	51.MT15.05.00.C	51.MZ15.05.00.C	51.MT15.05.04.C	51.MZ15.05.04.C
	D	51.MT15.05.00.B	51.MZ15.05.00.B	51.MT15.05.04.B	51.MZ15.05.04.B
		Available with premounted selftapping screws			
	I	51.MT16.05.00.M	51.MZ16.05.00.M	51.MT16.05.04.M	51.MZ16.05.04.M
	A	51.MT16.05.00.N	51.MZ16.05.00.N	51.MT16.05.04.N	51.MZ16.05.04.N
	D	51.MT16.05.00.E	51.MZ16.05.00.E	51.MT16.05.04.E	51.MZ16.05.04.E
	I	51.MT16.05.00.*	51.MZ16.05.00.0	51.MT16.05.04.*	51.MZ16.05.04.0
	A	51.MT16.05.00.S	51.MZ16.05.00.S	51.MT16.05.04.S	51.MZ16.05.04.S
	D	51.MT16.05.00.B	51.MZ16.05.00.B	51.MT16.05.04.B	51.MZ16.05.04.B
		** 0 = dowels Ø10mm / D = dowels Ø8mm*			
	I	51.MT18.05.00.V	51.MZ18.05.00.V	51.MT18.05.04.V	51.MZ18.05.04.V
	A	51.MT18.05.00.U	51.MZ18.05.00.U	51.MT18.05.04.U	51.MZ18.05.04.U
	D	51.MT18.05.00.Z	51.MZ18.05.00.Z	51.MT18.05.04.Z	51.MZ18.05.04.Z

= G / Genios Solution

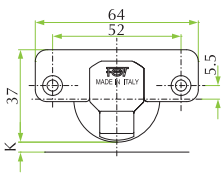
I



A

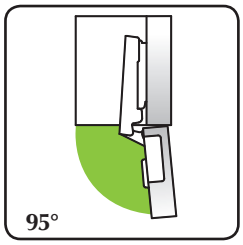


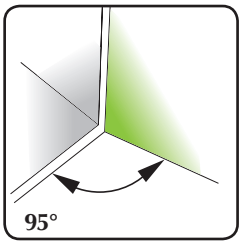
D



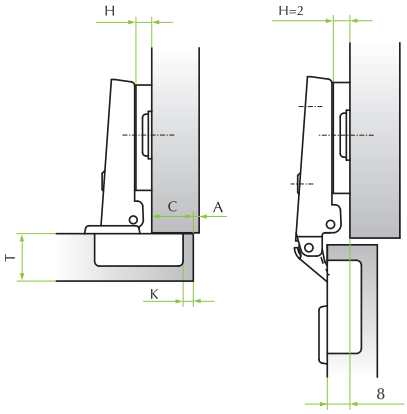
The mounting plates and fittings for this hinge series are shown from page 100 to page 107.





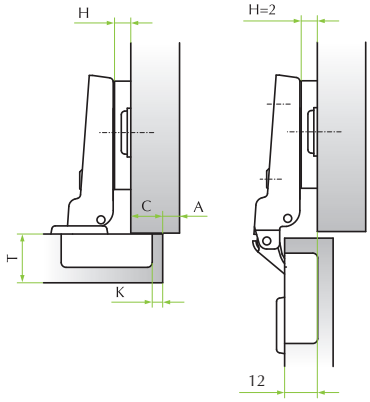


CRANK 0
For lay-on doors



Overlay (C)	Drilling distance (K) 3	4	5	6	7
19			0		2
18		0		2	
17	0		2		4
16		2		4	
15	2		4		6
14		4		6	
13	4		6		
12		6			
11	6				Mounting plates (H)

CRANK 4
For partial lay-on doors



Overlay (C)	Drilling distance (K) 3	4	5	6	7
15			0		2
14		0		2	
13	0		2		4
12		2		4	
11	2		4		6
10		4		6	
9	4		6		
8		6			
7	6				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	27	28	29	30
K=3	A=	0.00	0.15	0.35	0.5	0.7	0.85	1.15	1.65	2.55	3.40	4.30	5.20	6.15	7.10	8.00
K=4	A=	0.00	0.15	0.30	0.50	0.65	0.85	1.10	1.40	2.10	2.90	3.80	4.65	5.50	6.45	7.40
K=5	A=	0.00	0.15	0.30	0.50	0.65	0.80	1.00	1.35	1.75	2.50	3.30	4.15	5.00	5.90	6.75
K=6	A=	0.00	0.10	0.30	0.45	0.65	0.80	1.00	1.30	1.65	2.15	2.90	3.65	4.50	5.40	6.05
K=7	A=	0.00	0.10	0.30	0.45	0.60	0.80	0.95	1.25	1.60	1.90	2.55	3.30	4.05	4.90	5.75

MS Slide-On **95°** Ø35 for thick doors



<<<CRANKS 0, 4 TO PAGE 76

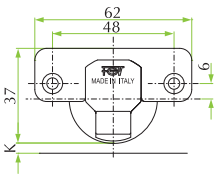




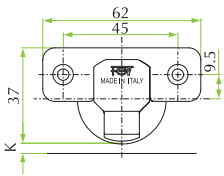
	CRANK 8		CRANK 15	
I A D	51.MT15.05.08.0	51.MZ15.05.08.0	51.MT15.05.15.0	51.MZ15.05.15.0
	51.MT15.05.08.C	51.MZ15.05.08.C	51.MT15.05.15.C	51.MZ15.05.15.C
	51.MT15.05.08.B	51.MZ15.05.08.B	51.MT15.05.15.B	51.MZ15.05.15.B
	Available with premounted selftapping screws			
I A D	51.MT16.05.08.M	51.MZ16.05.08.M	51.MT16.05.15.M	51.MZ16.05.15.M
	51.MT16.05.08.N	51.MZ16.05.08.N	51.MT16.05.15.N	51.MZ16.05.15.N
	51.MT16.05.08.E	51.MZ16.05.08.E	51.MT16.05.15.E	51.MZ16.05.15.E
I A D	51.MT16.05.08.*	51.MZ16.05.08.0	51.MT16.05.15.*	51.MZ16.05.15.0
	51.MT16.05.08.S	51.MZ16.05.08.S	51.MT16.05.15.S	51.MZ16.05.15.S
	51.MT16.05.08.B	51.MZ16.05.08.B	51.MT16.05.15.B	51.MZ16.05.15.B
	** 0 = dowels Ø10mm / D = dowels Ø8mm*			
I A D	51.MT18.05.08.V	51.MZ18.05.08.V	51.MT18.05.15.V	51.MZ18.05.15.V
	51.MT18.05.08.U	51.MZ18.05.08.U	51.MT18.05.15.U	51.MZ18.05.15.U
	51.MT18.05.08.Z	51.MZ18.05.08.Z	51.MT18.05.15.Z	51.MZ18.05.15.Z

= G / Genios Solution

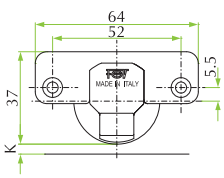
I



A

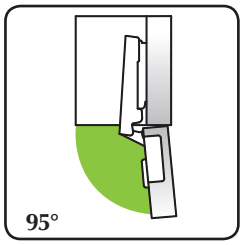


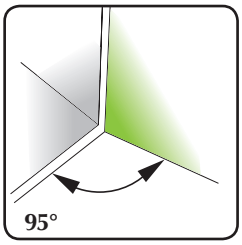
D



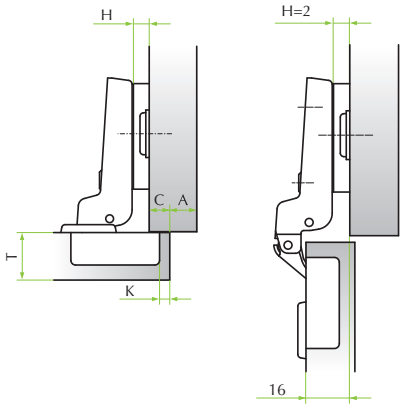
The mounting plates and fittings for this hinge series are shown from page 100 to page 107.







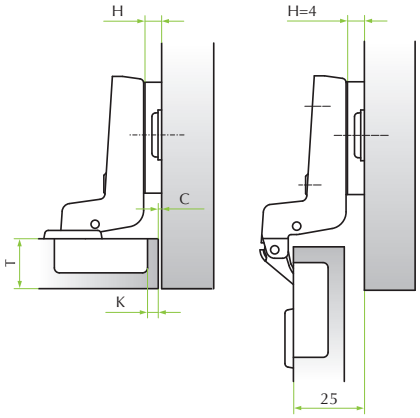
CRANK 8
For partial lay-on doors



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

Mounting plates (H)

CRANK 15
For inset doors



Overlay (C) \ Drilling distance (K)	3	4	5	6	7
0	2		4		6
1		4		6	
2	4		6		
3		6			
4	6				

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	27	28	29	30
K=3	A=	0.00	0.15	0.35	0.5	0.7	0.85	1.15	1.65	2.55	3.40	4.30	5.20	6.15	7.10	8.00
K=4	A=	0.00	0.15	0.30	0.50	0.65	0.85	1.10	1.40	2.10	2.90	3.80	4.65	5.50	6.45	7.40
K=5	A=	0.00	0.15	0.30	0.50	0.65	0.80	1.00	1.35	1.75	2.50	3.30	4.15	5.00	5.90	6.75
K=6	A=	0.00	0.10	0.30	0.45	0.65	0.80	1.00	1.30	1.65	2.15	2.90	3.65	4.50	5.40	6.05
K=7	A=	0.00	0.10	0.30	0.45	0.60	0.80	0.95	1.25	1.60	1.90	2.55	3.30	4.05	4.90	5.75

MS Slide-On **110°** for corner doors



Technical specifications:

- Depth of the metal cup 11.3mm
- Cup diameter 35mm
- Opening 110°
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 16 to 26 mm
- OneTouch solutions

ANGLE -25°



ANGOLO +25°



ANGLES 24°÷30°, 45°, 90° TO PAGE 82 >>>

I A D	51.MK85.M5.25.0	51.MS85.05.25.0
	51.MK85.M5.25.C	51.MS85.05.25.C
	51.MK85.M5.25.B	51.MS85.05.25.B

Available with premounted selftapping screws

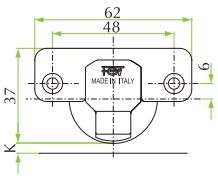
I A D	51.MK86.M5.25.M	51.MS86.05.25.M
	51.MK86.M5.25.N	51.MS86.05.25.N
	51.MK86.M5.25.E	51.MS86.05.25.E

I A D	51.MK86.M5.25.*	51.MS86.05.25.*
	51.MK86.M5.25.S	51.MS86.05.25.S
	51.MK86.M5.25.B	51.MS86.05.25.B

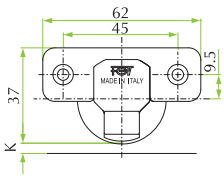
** 0 = dowels Ø10mm / D = dowels Ø8mm*

I A D	51.MK88.M5.25.V	51.MS88.05.25.V
	51.MK88.M5.25.U	51.MS88.05.25.U
	51.MK88.M5.25.Z	51.MS88.05.25.Z

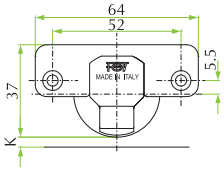
I



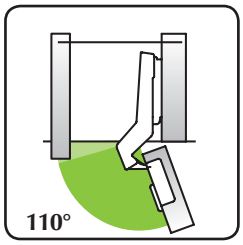
A

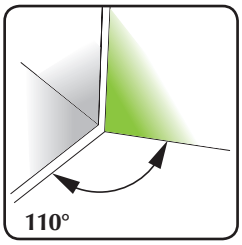


D

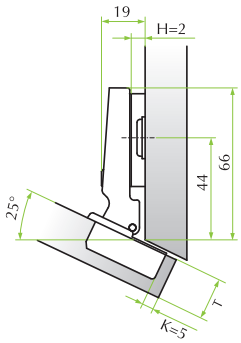


The mounting plates and fittings for this hinge series are shown from page 100 to page 107.

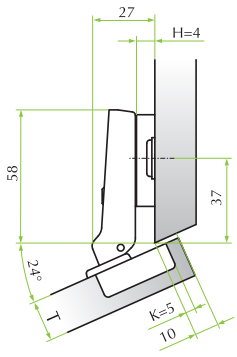




ANGLE -25°



ANGLE -25°



MS Slide-On **110°** for corner doors



Technical specifications:

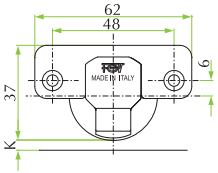
- Depth of the metal cup 11.3mm
- Cup diameter 35mm
- Opening 110°
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 16 to 26 mm
- Genios, SlowMotion Alfa and OneTouch solutions

<<<ANGLES -25°, +25°
TO PAGE 80

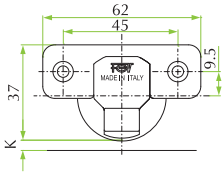
	ANGLE 24°÷30°	ANGLE 45°	ANGLE 90°
			
I	51.MS85.05.30.0	51.MS85.M5.45.0	51.MS85.M5.90.0
A	51.MS85.05.30.C	51.MS85.M5.45.C	51.MS85.M5.90.C
D	51.MS85.05.30.B	51.MS85.M5.45.B	51.MS85.M5.90.B
	Available with premounted selftapping screws		
I	51.MS86.05.30.M	51.MS86.M5.45.M	51.MS86.M5.90.M
A	51.MS86.05.30.N	51.MS86.M5.45.N	51.MS86.M5.90.N
D	51.MS86.05.30.E	51.MS86.M5.45.E	51.MS86.M5.90.E
I	51.MS86.05.30.*	51.MS86.M5.45.*	51.MS86.M5.90.*
A	51.MS86.05.30.S	51.MS86.M5.45.S	51.MS86.M5.90.S
D	51.MS86.05.30.B	51.MS86.M5.45.B	51.MS86.M5.90.B
	** 0 = dowels Ø10mm / D = dowels Ø8mm*		
I	51.MS88.05.30.V	51.MS88.M5.45.V	51.MS88.M5.90.V
A	51.MS88.05.30.U	51.MS88.M5.45.U	51.MS88.M5.90.U
D	51.MS88.05.30.Z	51.MS88.M5.45.Z	51.MS88.M5.90.Z
I	51.MS89.05.30.0	51.MS89.M5.45.0	51.MS89.M5.90.0
A	51.MS89.05.30.S	51.MS89.M5.45.S	51.MS89.M5.90.S
D	51.MS89.05.30.B	51.MS89.M5.45.B	51.MS89.M5.90.B

= G / Genios Solution

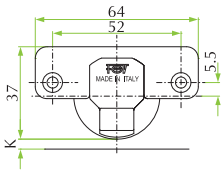
I



A

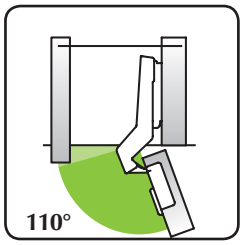


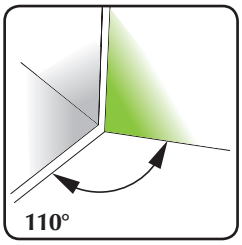
D



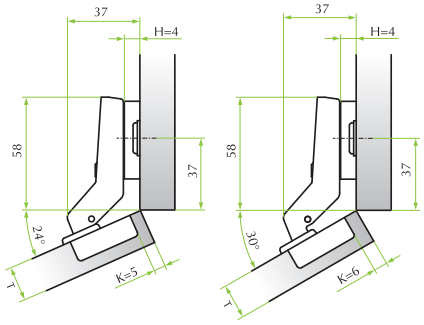
The mounting plates and fittings for this hinge series are shown from page 100 to page 107.



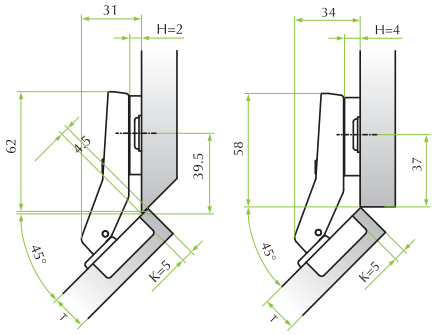




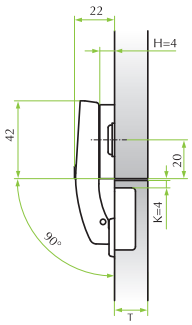
ANGLE 24°÷30°



ANGLE 45°



ANGLE 90°



MS Slide-On *for corner cabinet*



Technical specifications:

- Depth of the metal cup 11.3mm
- Cup diameter 35mm
- Opening 110° with (K) max 4mm and (T) max 18mm
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 16 to 26 mm





I
A
D

51.MS83.M5.35.0
51.MS83.M5.35.C
51.MS83.M5.35.B

Available with premounted selftapping screws



I
A
D

51.MS84.M5.35.M
51.MS84.M5.35.N
51.MS84.M5.35.E



I
A
D

51.MS84.M5.35.*
51.MS84.M5.35.S
51.MS84.M5.35.B

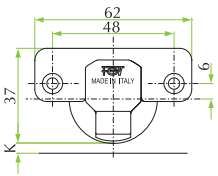
∗ *0 = dowels Ø10mm / D = dowels Ø8mm*



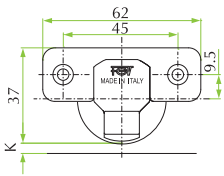
I
A
D

51.MS88.M5.35.V
51.MS88.M5.35.U
51.MS88.M5.35.Z

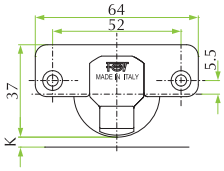
I



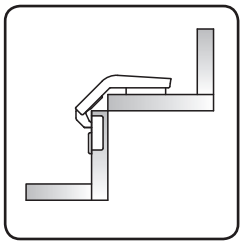
A

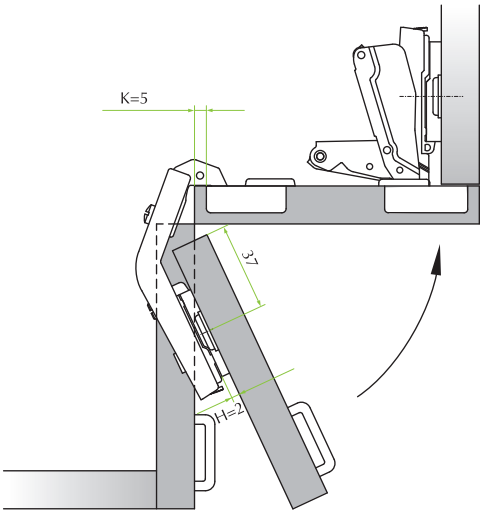


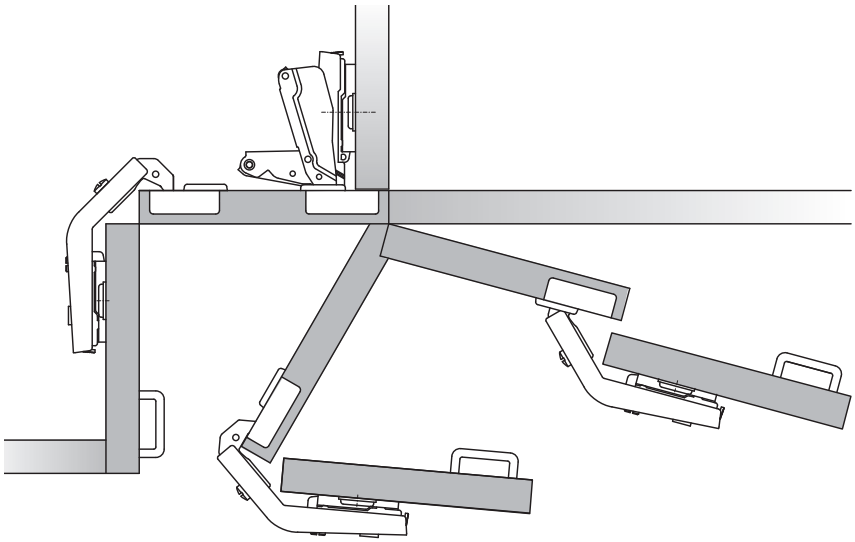
D



The mounting plates and fittings for this hinge series are shown from page 100 to page 107.




K=5
37
H=2



MS Slide-On 90° Ø40 for thick doors



Technical specifications:

- Depth of the metal cup 12.8mm
- Cup diameter 40mm
- Opening 90°
- Possibility of door drilling (K) from 3 to 15 mm
- Thickness of the door (T) from 16 to 40 mm
- OneTouch solutions

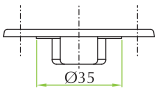
CRANK 0



CRANK 8



CRANKS 15, 22 TO PAGE 88 >>>

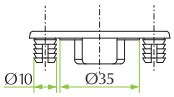




S

51.MN45.05.00.0

51.MN45.05.08.0



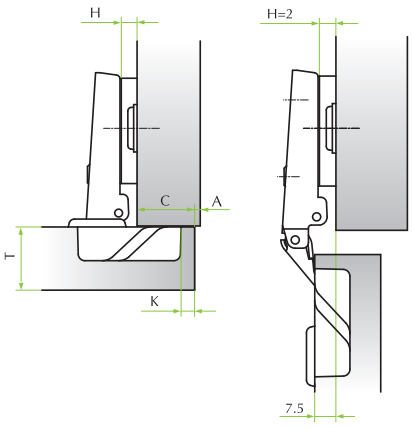


S

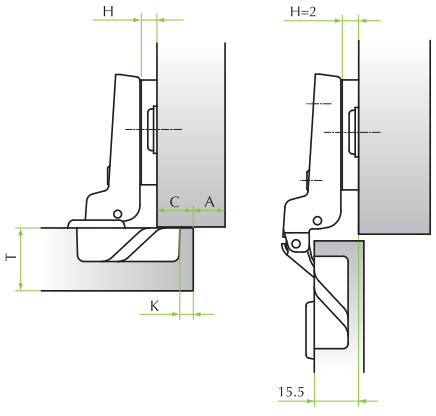
51.MN46.05.00.0

51.MN46.05.08.0

CRANK 0
For lay-on doors

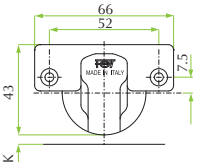


CRANK 8
For partial lay-on doors

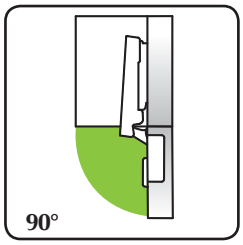


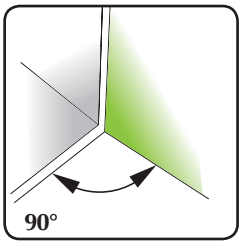
CUP HOLE DISTANCE 52x7.5mm

S



The mounting plates and fittings for this hinge series are shown from page 100 to page 107.





CRANK 0
For lay-on doors

Overlay (C)	Drilling distance (K)												
	4	5	6	7	8	9	10	11	12	13	14	15
32										0		2
31									0		2	
30								0		2		4
29							0		2		4	
28						0		2		4		6
27					0		2		4		6	
26				0		2		4		6		
25			0		2		4		6			
24		0		2		4		6				
23	0		2		4		6					
22		2		4		6						
21	2		4		6							
20		4		6								
19	4		6									
18		6										
17	6											
							Mounting plates (H)					

CRANK 8
For partial lay-on doors

Overlay (C)	Drilling distance (K)											
	4	5	6	7	8	9	10	11	12	13	14	15
24										0		2
23									0		2	
22								0		2		4
21							0		2		4	
20						0		2		4		6
19					0		2		4		6	
18				0		2		4		6		
17			0		2		4		6			
16		0		2		4		6				
15	0		2		4		6					
14		2		4		6						
13	2		4		6							
12		4		6								
11	4		6									
10		6										
9	6											
							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=	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
K=3	**A=**	0.20	0.35	0.55	0.70	0.9	1.05	1.25	1.40	1.60	2.25	3.20	4.15	5.05	6.05	7.00	8.00	9.00	9.95	10.95	11.95	12.95
K=4	**A=**	0.20	0.35	0.50	0.70	0.85	1.05	1.20	1.40	1.55	1.75	2.55	3.45	4.40	5.35	6.30	7.25	8.15	9.15	10.15	11.10	12.10
K=5	**A=**	0.15	0.35	0.50	0.70	0.85	1.05	1.20	1.40	1.55	1.70	2.05	2.80	3.75	4.70	5.65	6.55	7.50	8.45	9.40	10.35	11.25
K=6	**A=**	0.15	0.30	0.50	0.65	0.85	1.00	1.20	1.35	1.55	1.70	2.00	2.30	3.10	4.05	4.95	5.90	6.85	7.80	8.75	9.65	10.60
K=7	**A=**	0.15	0.30	0.50	0.65	0.85	1.00	1.15	1.35	1.50	1.70	1.90	2.25	2.60	3.50	4.35	5.25	6.20	7.15	8.05	9.00	9.95
K=8	**A=**	0.10	0.30	0.45	0.65	0.8	1.00	1.15	1.35	1.50	1.70	1.85	2.20	2.55	3.00	3.85	4.70	5.60	6.50	7.40	8.35	9.30
K=9	**A=**	0.10	0.25	0.45	0.60	0.8	0.95	1.15	1.30	1.50	1.65	1.85	2.15	2.50	2.80	3.35	4.20	5.10	5.95	6.80	7.70	8.65
K=10	**A=**	0.10	0.25	0.45	0.60	0.8	0.95	1.15	1.30	1.50	1.65	1.85	2.10	2.40	2.75	3.10	3.70	4.60	5.45	6.30	7.20	8.05
K=11	**A=**	0.05	0.25	0.40	0.60	0.75	0.95	1.10	1.30	1.45	1.60	1.80	2.00	2.35	2.70	3.05	3.40	4.10	4.95	5.80	6.70	7.55
K=12	**A=**	0.05	0.25	0.40	0.60	0.75	0.90	1.10	1.25	1.45	1.60	1.80	1.95	2.30	2.65	3.00	3.35	3.75	4.50	5.30	6.20	7.05
K=13	**A=**	0.05	0.20	0.40	0.55	0.75	0.90	1.10	1.25	1.45	1.60	1.80	1.95	2.25	2.60	2.90	3.25	3.60	4.15	4.90	5.70	6.55
K=14*	**A=**	0.05	0.20	0.40	0.55	0.70	0.90	1.05	1.25	1.40	1.60	1.75	1.95	2.10	2.50	2.85	3.20	3.55	3.90	4.55	5.35	6.05
K=15•	**A=**	0.00	0.02	0.35	0.55	0.70	0.90	1.05	1.25	1.40	1.55	1.75	1.90	2.10	2.45	2.80	3.15	3.50	3.85	4.25	4.95	5.75

∗ *L= 0,77* • *L= 1,76*



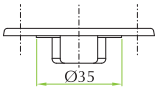
<<< CRANKS 0, 8
TO PAGE 86

CRANK 15



CRANK 22



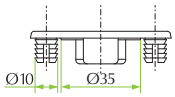




S

51.MN45.05.15.0

51.MN45.05.22.0



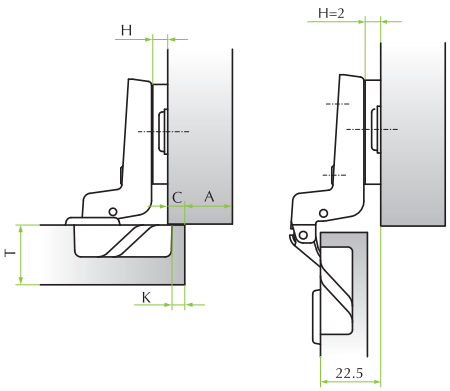


S

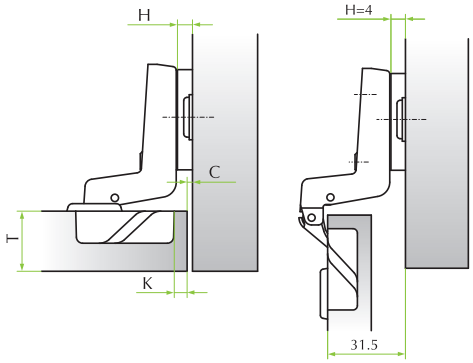
51.MN46.05.15.0

51.MN46.05.22.0

CRANK 15
For lay-on doors

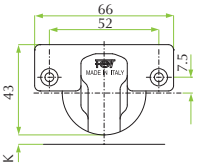


CRANK 22
For partial lay-on doors

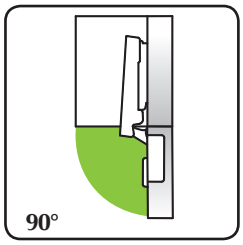


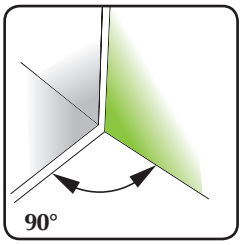
CUP HOLE DISTANCE 52x7.5mm

S



The mounting plates and fittings for this hinge series are shown from page 100 to page 107.





CRANK 15
For lay-on doors

Overlay (C) \ Drilling distance (K)	4	5	6	7	8	9	10	11	12	13	14	15
17										0		2
16									0		2	
15								0		2		4
14							0		2		4	
13						0		2		4		6
12					0		2		4		6	
11				0		2		4		6		
10			0		2		4		6			
9		0		2		4		6				
8	0		2		4		6					
7		2		4		6						
6	2		4		6							
5		4		6								
4	4		6									
3		6										
2	6											
Mounting plates (H)												

CRANK 22
For partial lay-on doors

Overlay (C) \ Drilling distance (K)	4	5	6	7	8	9	10
0		2		4		6	
1	2		4		6		
2		4		6			
3	4		6				
4		6					
5	6						
6							
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=	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
K=3	A=	0.20	0.35	0.55	0.70	0.9	1.05	1.25	1.40	1.60	2.25	3.20	4.15	5.05	6.05	7.00	8.00	9.00	9.95	10.95	11.95	12.95
K=4	A=	0.20	0.35	0.50	0.70	0.85	1.05	1.20	1.40	1.55	1.75	2.55	3.45	4.40	5.35	6.30	7.25	8.15	9.15	10.15	11.10	12.10
K=5	A=	0.15	0.35	0.50	0.70	0.85	1.05	1.20	1.40	1.55	1.70	2.05	2.80	3.75	4.70	5.65	6.55	7.50	8.45	9.40	10.35	11.25
K=6	A=	0.15	0.30	0.50	0.65	0.85	1.00	1.20	1.35	1.55	1.70	2.00	2.30	3.10	4.05	4.95	5.90	6.85	7.80	8.75	9.65	10.60
K=7	A=	0.15	0.30	0.50	0.65	0.85	1.00	1.15	1.35	1.50	1.70	1.90	2.25	2.60	3.50	4.35	5.25	6.20	7.15	8.05	9.00	9.95
K=8	A=	0.10	0.30	0.45	0.65	0.8	1.00	1.15	1.35	1.50	1.70	1.85	2.20	2.55	3.00	3.85	4.70	5.60	6.50	7.40	8.35	9.30
K=9	A=	0.10	0.25	0.45	0.60	0.8	0.95	1.15	1.30	1.50	1.65	1.85	2.15	2.50	2.80	3.35	4.20	5.10	5.95	6.80	7.70	8.65
K=10	A=	0.10	0.25	0.45	0.60	0.8	0.95	1.15	1.30	1.50	1.65	1.85	2.10	2.40	2.75	3.10	3.70	4.60	5.45	6.30	7.20	8.05
K=11	A=	0.05	0.25	0.40	0.60	0.75	0.95	1.10	1.30	1.45	1.60	1.80	2.00	2.35	2.70	3.05	3.40	4.10	4.95	5.80	6.70	7.55
K=12	A=	0.05	0.25	0.40	0.60	0.75	0.90	1.10	1.25	1.45	1.60	1.80	1.95	2.30	2.65	3.00	3.35	3.75	4.50	5.30	6.20	7.05
K=13	A=	0.05	0.20	0.40	0.55	0.75	0.90	1.10	1.25	1.45	1.60	1.80	1.95	2.25	2.60	2.90	3.25	3.60	4.15	4.90	5.70	6.55
K=14*	A=	0.05	0.20	0.40	0.55	0.70	0.90	1.05	1.25	1.40	1.60	1.75	1.95	2.10	2.50	2.85	3.20	3.55	3.90	4.55	5.35	6.05
K=15•	A=	0.00	0.02	0.35	0.55	0.70	0.90	1.05	1.25	1.40	1.55	1.75	1.90	2.10	2.45	2.80	3.15	3.50	3.85	4.25	4.95	5.75

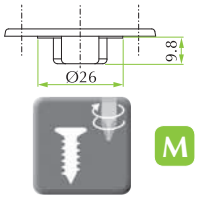
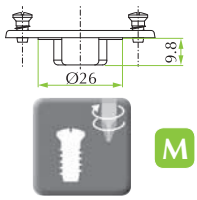
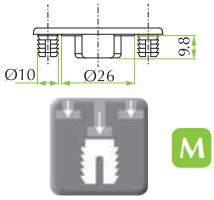
∗ *L= 0,77* • *L= 1,76*

MS Slide-On **90°** Ø26 for wood doors

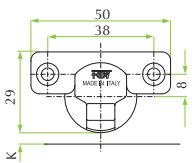


Technical specifications:

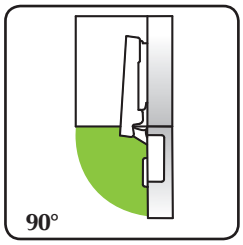
- Depth of the metal cup 11.7mm
- Cup diameter 26mm
- Opening 90°
- Possibility of door drilling (K) from 3 to 5 mm
- Thickness of the door (T) from 16 to 26 mm

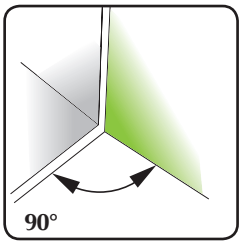
	CRANK 0	CRANK 8	CRANK 15
			
 M	51.MG15.05.00.0	51.MG15.05.08.0	51.MG15.05.15.0
	Available with premounted selftapping screws		
 M	51.MG16.05.00.M	51.MG16.05.08.M	51.MG16.05.15.M
 M	51.MG16.05.00.*	51.MG16.05.08.*	51.MG16.05.15.*
	** 0 = dowels Ø10mm / D = dowels Ø8mm*		

CUP HOLE DISTANCE 38x8mm

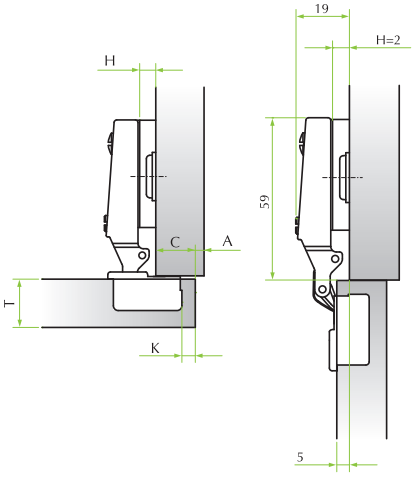
M 

The mounting plates and fittings for this hinge series are shown from page 100 to page 107.





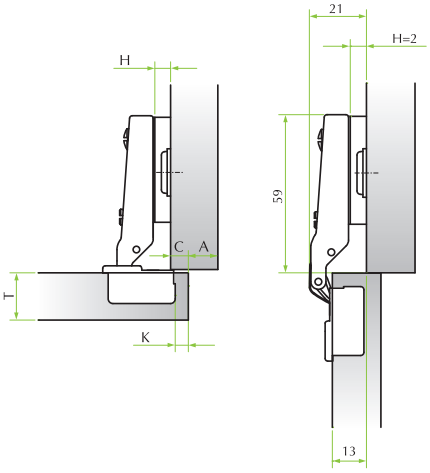
CRANK 0
For lay-on doors



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

Mounting plates (H)

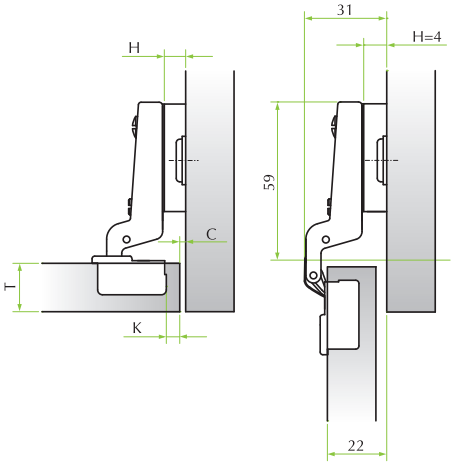
CRANK 8
For partial lay-on doors



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

Mounting plates (H)

CRANK 15
For inset doors



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

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.

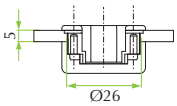
	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0.80	1.45	2.15	3.10	3.90	4.85	5.75	6.70	7.65	8.60	9.55
K=4	A=	0.75	1.25	1.75	2.55	3.30	4.20	5.10	6.05	7.00	7.95	8.85
K=5	A=	0.65	1.05	1.40	2.20	2.95	3.75	4.55	5.45	6.35	7.25	8.20

MS Slide-On **90°** Ø26 for glass doors



Technical specifications:

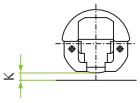
- Thickness of the glass doors (T) from 4 to 5 mm
- Cup diameter 26mm
- Opening 90°
- Possibility of door drilling (K) from 3 to 5 mm

	CRANK 0	CRANK 8	CRANK 15
			
 NYLON (glass) N	51.MG11.2*.00.0	51.MG11.2*.08.0	51.MG11.2*.15.0

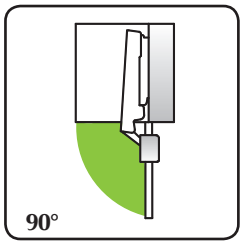
* *1 = White / 3 = Black*

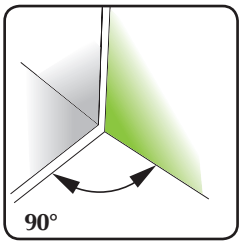
NYLON (glass)

N

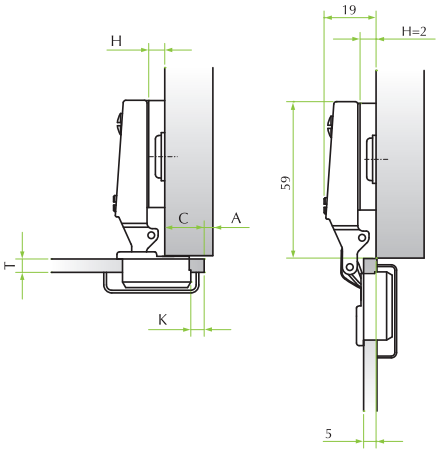


The mounting plates and fittings for this hinge series are shown from page 100 to page 107.

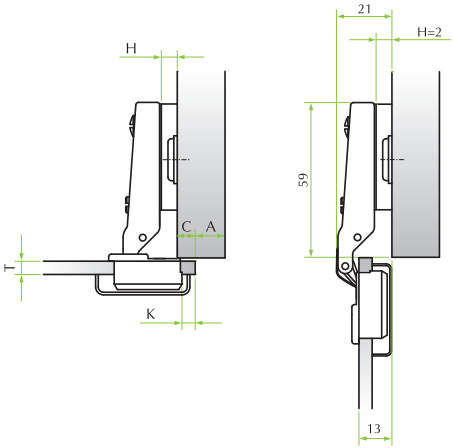




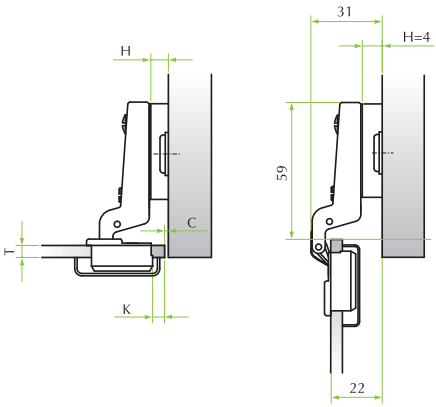
CRANK 0
For lay-on doors



CRANK 8
For partial lay-on doors



CRANK 15
For inset doors



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

Mounting plates (H)

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

Mounting plates (H)

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

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=	0.80	1.45	2.15	3.10	3.90	4.85	5.75	6.70	7.65	8.60	9.55
K=4	A=	0.75	1.25	1.75	2.55	3.30	4.20	5.10	6.05	7.00	7.95	8.85
K=5	A=	0.65	1.05	1.40	2.20	2.95	3.75	4.55	5.45	6.35	7.25	8.20



Technical specifications:

- Depth of the zamak cup 9.9mm
- Cup drilling 28x7mm
- Opening 105°
- Aluminium frame from min. 19 to max 25 mm
- Genios and OneTouch solutions

FIXING FOR GROOVED PROFILE

CRANK 0



51.MS41.05.00.0

CRANK 8



51.MS41.05.08.0

CRANK 15

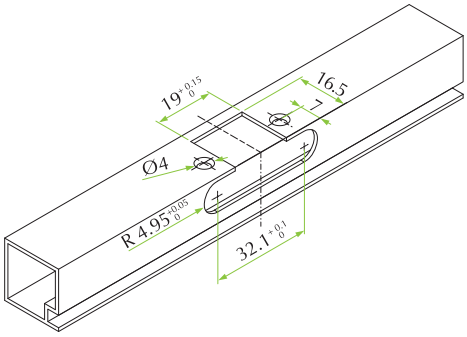


51.MS41.05.15.0

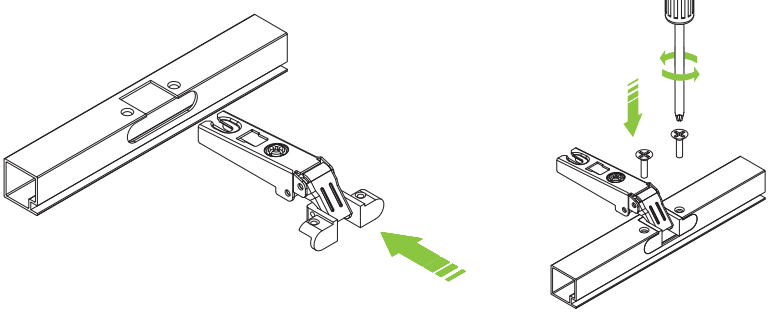
= G / Genios Solution

Drilling holes:

The two laterals drillings are Ø4mm and are countersunk with 120°.
Screws 3.5x12mm supplied on demand under code 1A05512105000.



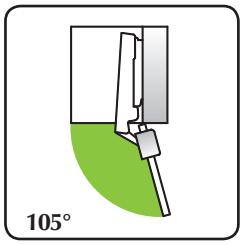
Assembly instructions:

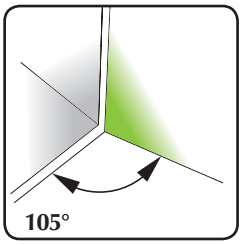


The mounting plates and fittings for this hinge series are shown from page 100 to page 107.

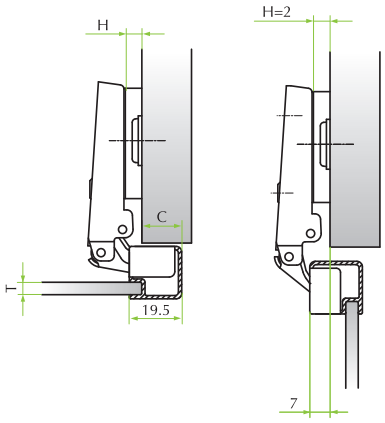
INTERFER
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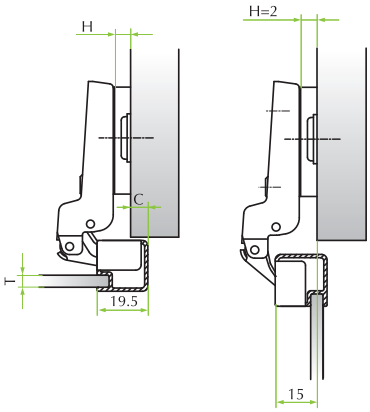


CRANK 0
For lay-on doors



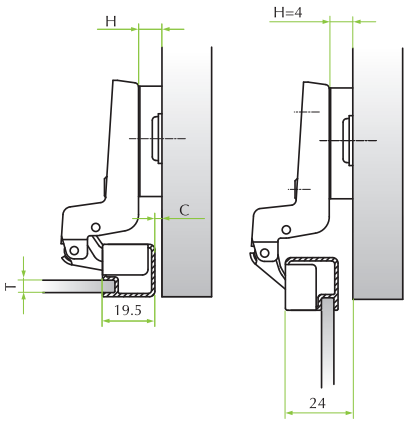
Overlay (C)	Mounting plates (H)
17	0
16	
15	2
14	
13	4
12	
11	6

CRANK 8
For partial lay-on doors



Overlay (C)	Mounting plates (H)
9	0
8	
7	2
6	
5	4
4	
3	6

CRANK 15
For inset doors



Overlay (C)	Mounting plates (H)
0	2
1	
2	4
3	
4	6

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=	19	20	21	22	23	24	25	26
P=19	A=	0.40	0.65	1.00	1.40	2.30	3.20	4.00	5.00
P=20	A=	0.40	0.60	0.80	1.20	1.70	2.60	3.40	4.30
P=21	A=	0.40	0.50	0.75	1.10	1.30	2.10	2.90	3.70
P=22	A=	0.40	0.50	0.75	1.00	1.30	1.80	2.50	3.30
P=23	A=	0.40	0.50	0.75	0.90	1.30	1.60	2.20	2.90
P=24	A=	0.30	0.50	0.70	0.90	1.20	1.55	2.00	2.60
P=25	A=	0.30	0.50	0.70	0.90	1.10	1.40	1.90	2.40

Values given in mm



Technical specifications:

- Depth of the zamak cup 9.9mm
- Opening 105°
- Aluminium frame from min. 19 to max 25 mm

LOCK FIXING

CRANK 0



51.MS31.05.00.0

CRANK 8



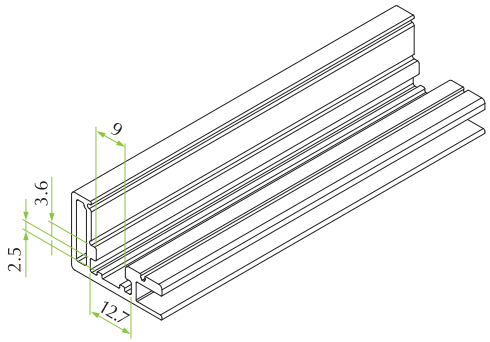
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CRANK 15

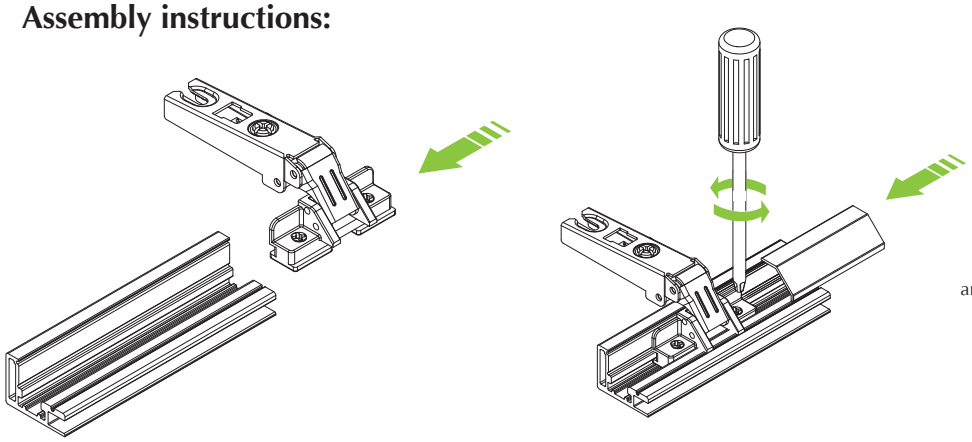


51.MS31.05.15.0

Aluminium frame:

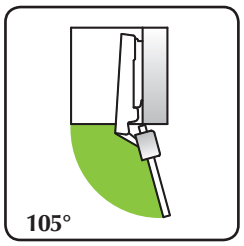


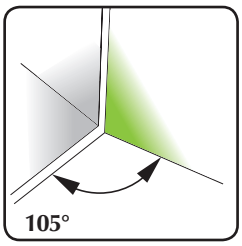
Assembly instructions:



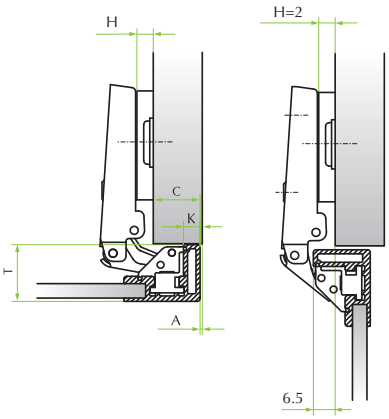
The mounting plates and fittings for this hinge series are shown from page 100 to page 107.

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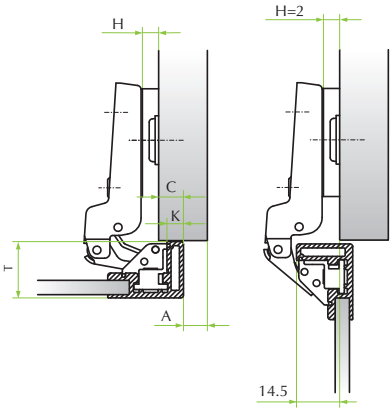




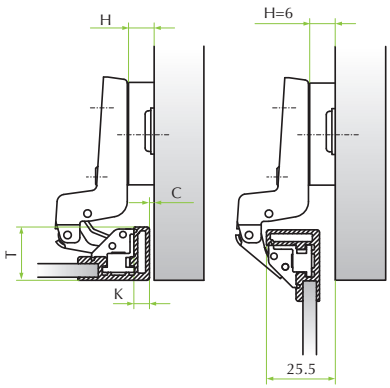
CRANK 0
For lay-on doors



CRANK 8
For partial lay-on doors



CRANK 15
For inset doors



Overlay (C)	Drilling distance (K)									
	3	4	5	6	7					
19					2					
18				2						
17			2		4					
16		2		4						
15	2		4		6					
14		4		6						
13	4		6							
12		6								
11	6				Mounting plates (H)					

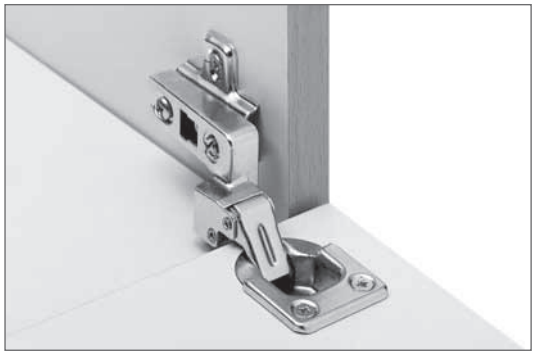
Overlay (C)	Drilling distance (K)									
	3	4	5	6	7					
11					2					
10				2						
9			2		4					
8		2		4						
7	2		4		6					
6		4		6						
5	4		6							
4		6								
3	6				Mounting plates (H)					

Overlay (C)	Drilling distance (K)									
	3	4	5	6	7					
0	2		4		6					
1		4		6						
2	4		6							
3		6								
4	6									
					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	22	23	24	25	26	27
K=3	**A=**	0.55	0.75	1.10	1.45	1.80	2.40	3.10	3.90	4.70	6.70	6.50
K=4	**A=**	0.55	0.70	1.05	1.40	1.75	2.25	2.85	3.60	4.35	5.75	6.00
K=5	**A=**	0.53	0.70	1.00	1.35	1.65	2.10	2.65	3.30	4.00	4.75	5.55
K=6	**A=**	0.50	0.70	0.95	1.25	1.60	2.00	2.50	3.05	3.70	4.40	5.20
K=7	**A=**	0.50	0.65	0.85	1.20	1.55	1.90	2.35	2.85	3.45	4.10	4.80

MS Slide-On **95°** for flap doors



Technical specifications:

- Depth of the metal cup 11.3mm
- Cup diameter 35mm
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 16 to 26 mm

LEFT



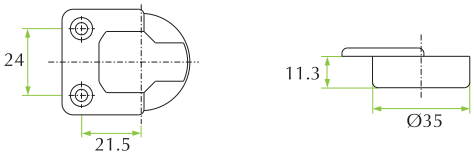
51.MN57.L9.00000

RIGHT

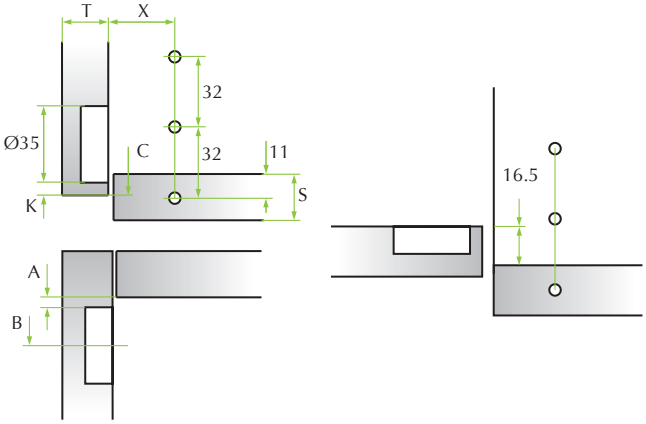


51.MN57.R9.00000

Drilling holes:

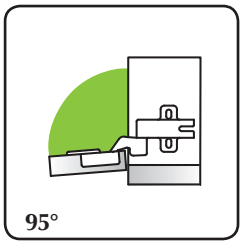


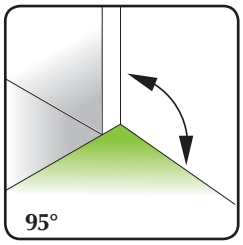
Assembly instructions:

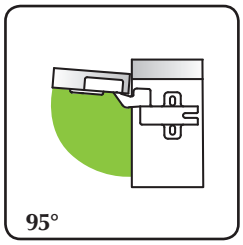


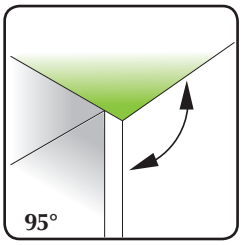
The mounting plates and fittings for this hinge series are shown from page 100 to page 107.

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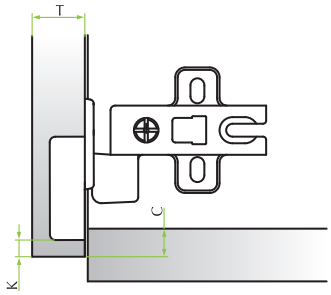


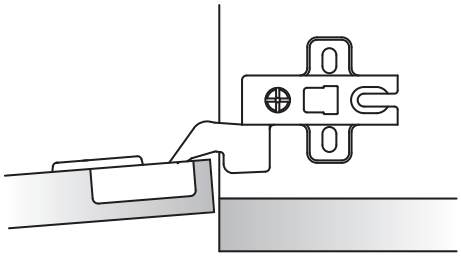




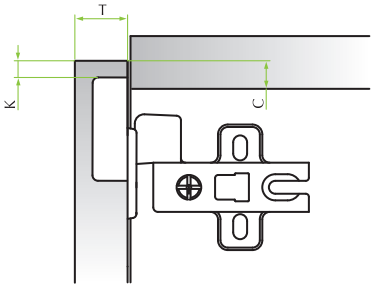


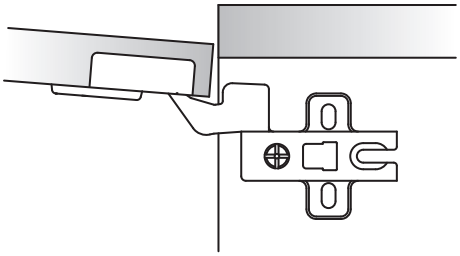
DOWN SOLUTION





UP SOLUTION





K	C
3	4.5
4	5.5
5	6.5
6	7.5
7	8.5

H	A	B
2	2.5	20
4	4.5	22
6	6.5	24

Values given in mm