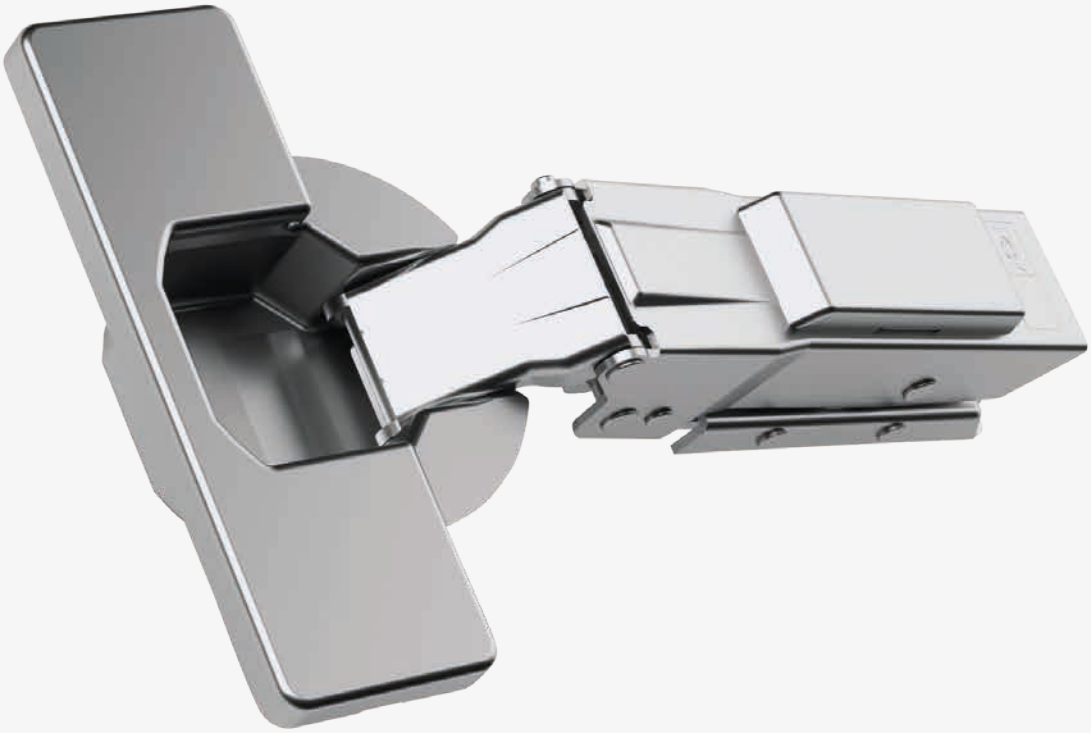
Richelieu

Omnia L

THE BEST OPTION
ON THE MARKET

OPENING



FGV FORMENTI & GIOVENZANA

Omnia L

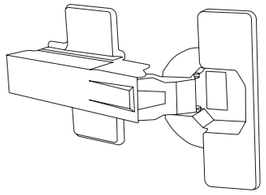
SLOWMOTION TECHNOLOGY INSIDE
IMPROVED MODERN DESIGN
STRENGTH AND HIGH
PERFORMANCES
EASY CLICK FIXING SYSTEM

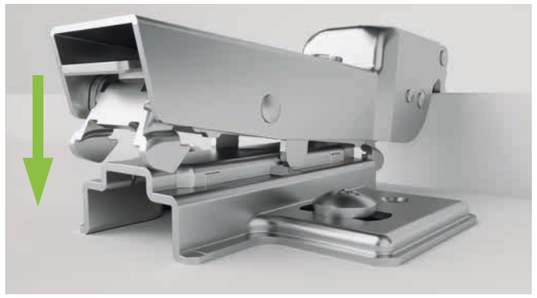
The Omnia L hinge, from old latin language: omnĭa, omnĭum. represents the perfect synthesis
of all the best features.
All the best as concern the technical know-how.
All the must-have feautures for a premium hinge.
All the FGV experience developed in 70 years
on the Market.
All that a Customer can get from an hinge.
Omnia L is really the best option on the market!

Reasons to choose Omnia L

OMNIA L HINGE RANGE

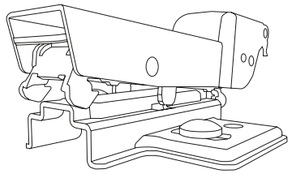
The Omnia L SlowMotion hinge is the new top product of the FGV's offer. It originates from the research and the experience built up in over 70 years of presence in the field. Equipped with a state-of-the-art Linear SlowMotion Technology, it ensures stable and constant operation in all conditions of use. Produced in Italy it boosts all the best features and performances required by the market of damped systems.

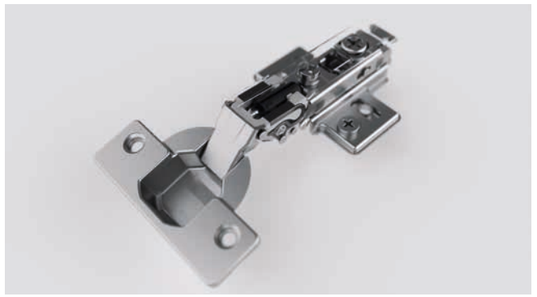


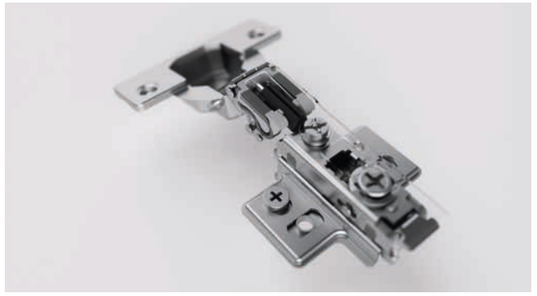


NEVER SO EASY TO HANG A DOOR!

No limits to door dimensions and to hinge numbers.
AnyClickSystem an intelligent and practical solution to fit the hinges in any position without any stress.
A really fantastic simplification for the wardrobe doors.

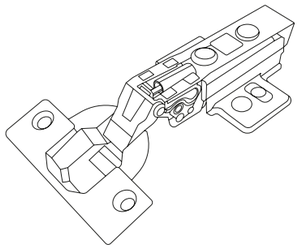






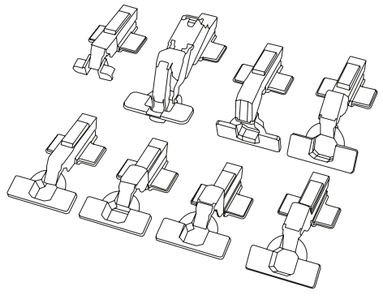
ALL THE BENEFITS FROM THE LINEAR SLOWMOTION

State-of-the-art Linear SlowMotion Technology, for a perfect damped closure in every condition, based on stable shock absorber at all high and low temperatures, adaptive controlled movement without manual adjustments, 25° of smooth braking to avoid door rebound.



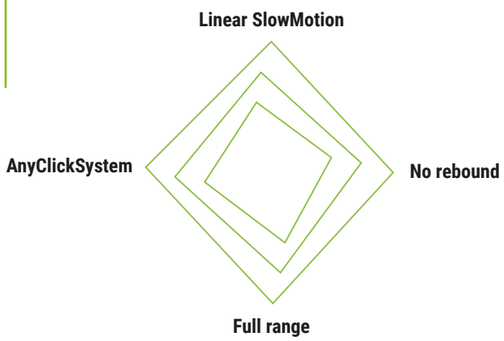
A TECHNOLOGY TO COVER EVERY APPLICATION

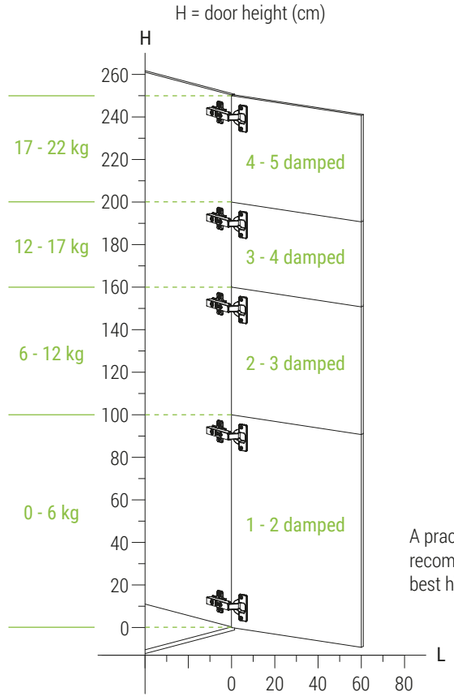
Full range of cranks and angle solutions; full choice of fixing systems, included the Velofix version.
Range of reversible mounting plates with 3D independent adjustment: fast, simple, precise and intuitive.



Omnia L

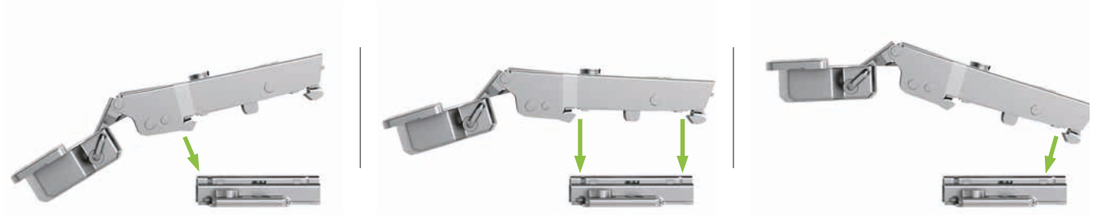
PERFORMANCE





A practical test is recommended to verify the best hinges combination

ANYCLICKSYSTEM

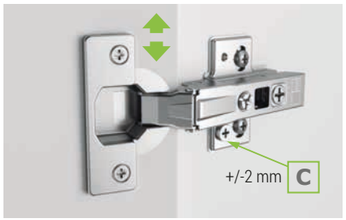


For an easy and quick fitting in any position.

ADJUSTING SYSTEM

Depth 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.

Values given in mm

Technical Specifications:

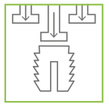
- Depth of the metal cup 11.4 mm
- Cup diameter 35 mm
- Opening 105°
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 14 to 26 mm

LINEAR DAMPER

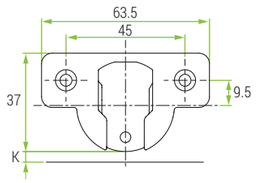
NO REBOUND

ANYCLICK SYSTEM

OPENING

		Full overlay CRANK 0	Half overlay CRANK 8	Inset CRANK 15
				
	Standard	OMN11000050	OMN11000950	OMN11001750
	Soft – close	OMN11000040	OMN11000940	OMN11001740
	Standard	OMN11000058	OMN11000958	OMN11001758
	Soft – close	OMN11000048	OMN11000948	OMN11001748

dowels Ø8

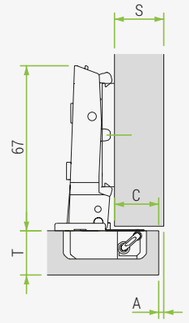


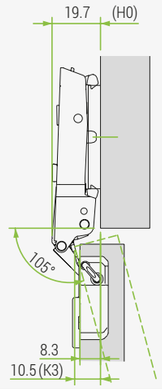
A45

CUP HOLE DISTANCE 45x9.5 mm

Richelieu

CRANK 0 For lay-on doors

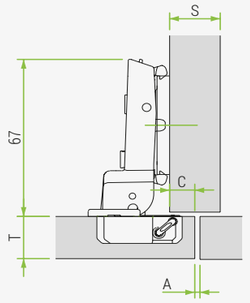


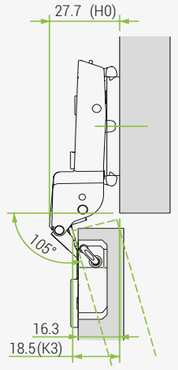


H*		Drilling distance (k)				
		3	4	5	6	7
Overlay (C) Crank 0	19				0	
	18			0		2
	17		0		2	
	16	0		2		4
	15		2		4	
	14	2		4		6
	13		4		6	
	12	4		6		
	11		6			
	10	6				

* = with H between two values get the lower one

CRANK 8 For partial lay-on doors

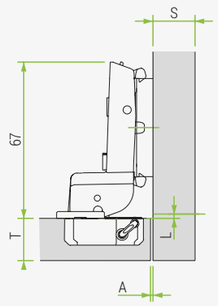


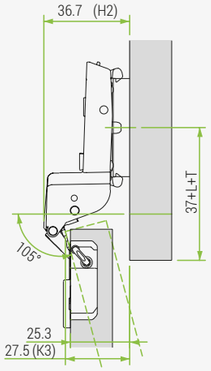


H*		Drilling distance (k)				
		3	4	5	6	7
Overlay (C) Crank 8	11				0	
	10			0		2
	9		0		2	
	8	0		2		4
	7		2		4	
	6	2		4		6
	5		4		6	
	4	4		6		
	3		6			
	2	6				

* = with H between two values get the lower one

CRANK 15 For inset doors





H*		Drilling distance (k)				
		3	4	5	6	7
Overlay (C) Crank 15	1	0		2		4
	0		2		4	
	-1	2		4		6
	-2		4		6	
	-3	4		6		
	-4		6			
	-5					
	-6					
	-7					
	-8					

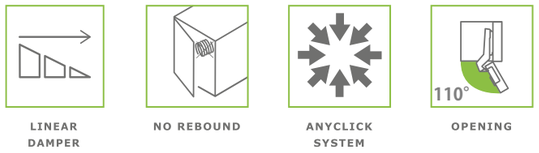
* = with H between two values get the lower one

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=	14	15	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1	1.2	2	3.2	4.5	5.8
K=4	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1	1.2	1.4	2.2	3.5	4.9
K=5	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	2.5	3.8
K=6	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	1.9	2.8
K=7	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	1.9	2.8

Technical Specifications:

- Depth of the metal cup 11.4 mm
- Cup diameter 35 mm
- Opening 105°
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 14 to 26 mm



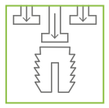
ANGLE 45°

ANGLE 90°

Soft – close

OMN45000040

OMN90000040

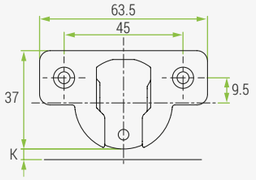


dowels Ø8

Soft – close

OMN45000048

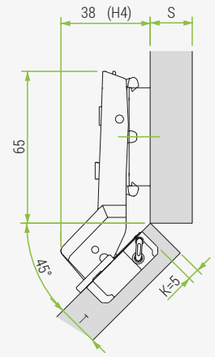
OMN90000048



A45

CUP HOLE DISTANCE 45x9.5 mm

ANGLE 45°



ANGLE 90°

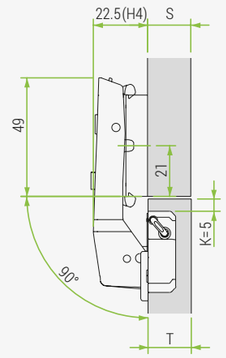
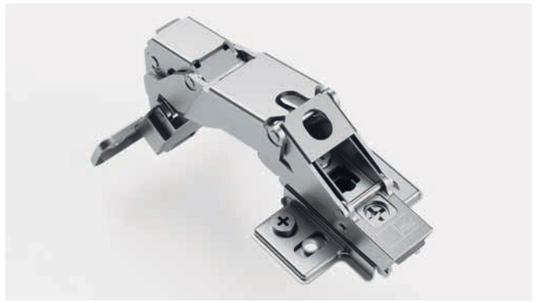


Table to determinate the minimum distance A so that a door with T thickness can open without protrusion from the cabinet and without interfering with adjacent doors.

	T=	14	15	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1	1.2	2	3.2	4.5	5.8
K=4	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1	1.2	1.4	2.2	3.5	4.9
K=5	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	2.5	3.8
K=6	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	1.9	2.8
K=7	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	1.9	2.8



Technical Specifications:

- Depth of the metal cup 11.3 mm
- Cup diameter 35 mm
- Opening 155°
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 14 to 26 mm


LINEAR DAMPER

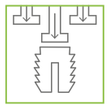

NO REBOUND


ANYCLICK SYSTEM

OPENING

CRANK 0

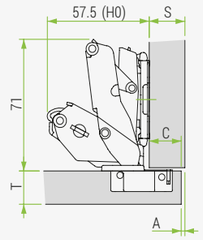
Standard	OMN15500050
Soft – close	OMN15500040

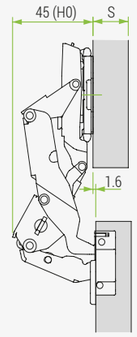


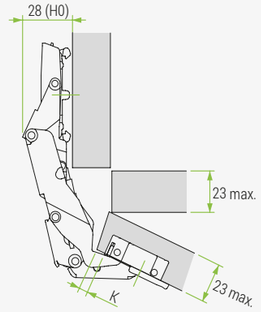
Standard	OMN15500058
Soft – close	OMN15500048

dowels Ø8

CRANK 0 For lay-on doors





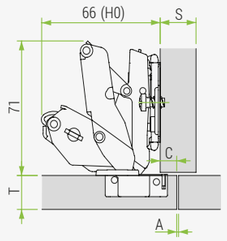


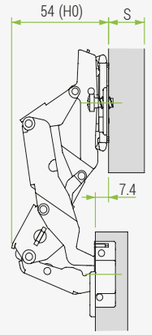
H*	Drilling distance (k)				
	3	4	5	6	7
19				0	
18			0		2
17		0		2	
16	0		2		4
15		2		4	
14	2		4		6
13		4		6	
12	4		6		
11		6			
10	6				

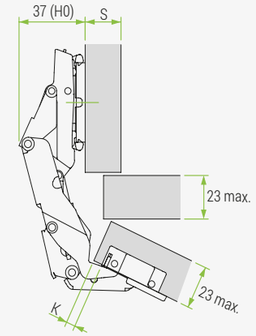
Overlay (C) Crank 0

* = with H between two values get the lower one

CRANK 8 For partial lay-on doors







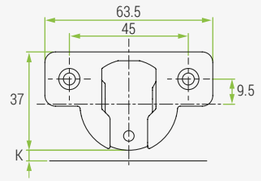
H*	Drilling distance (k)				
	3	4	5	6	7
11				0	
10			0		2
9		0		2	
8	0		2		4
7		2		4	
6	2		4		6
5		4		6	
4	4		6		
3		6			
2	6				

Overlay (C) Crank 8

* = with H between two values get the lower one

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=	14	15	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0	0	0	0	0	0	0	0	0	0	0	13.7	18
K=4	A=	0	0	0	0	0	0	0	0	0	0	0	12.7	17
K=5	A=	0	0	0	0	0	0	0	0	0	0	7.4	11.7	16
K=6	A=	0	0	0	0	0	0	0	0	0	0	6.4	10.7	15
K=7	A=	0	0	0	0	0	0	0	0	0	0	5.4	9.7	14



A45

CUP HOLE DISTANCE 45x9.5 mm

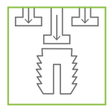
Technical Specifications:

- Depth of the metal cup 11.4 mm
- Cup diameter 35 mm
- Opening 50°
- Possibility of door drilling (K) from 3 to 7 mm
- Thickness of the door (T) from 14 to 26 mm

OPENING

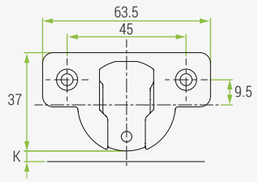
BI-FOLD

Standard OMNBF000050



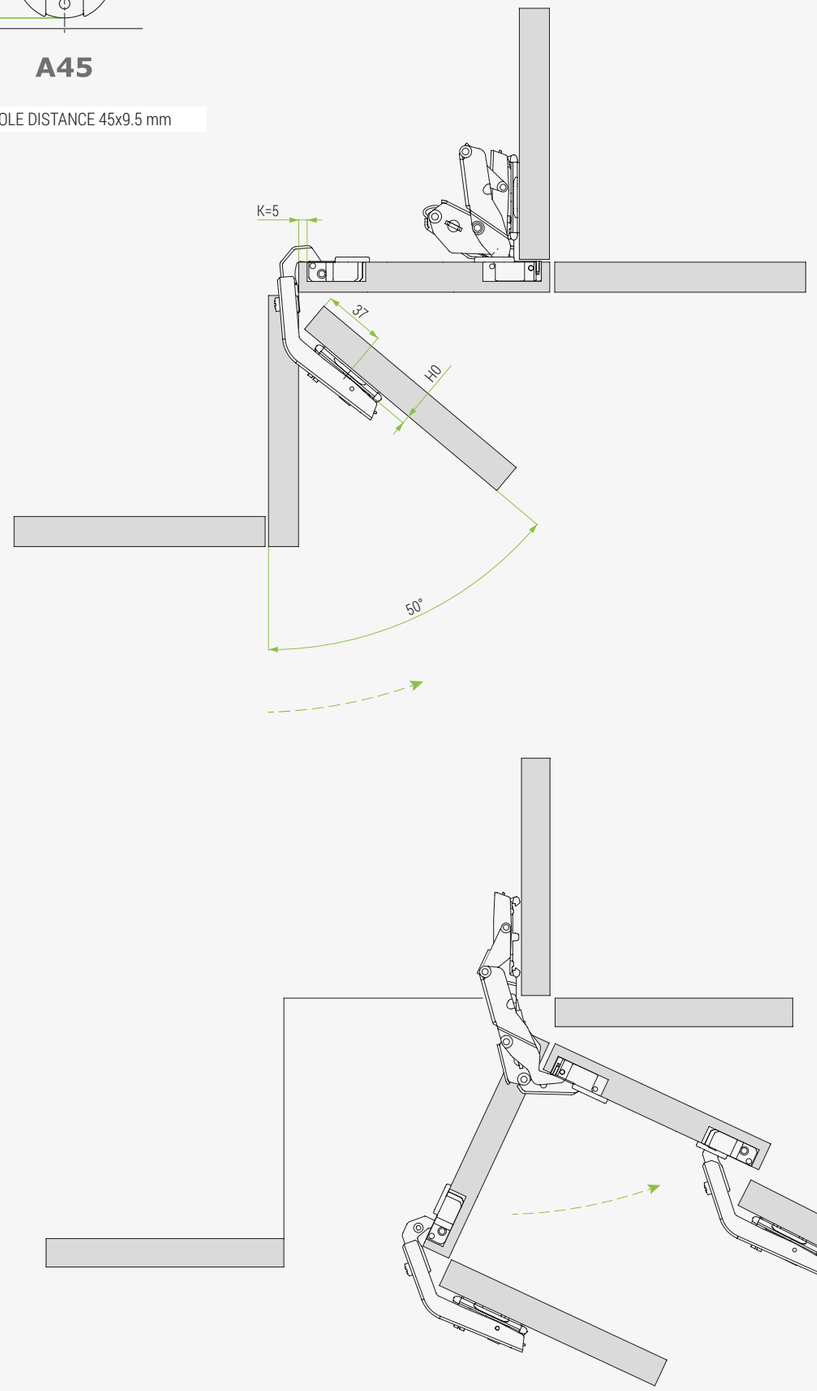
dowels Ø8

Standard OMNBF000058

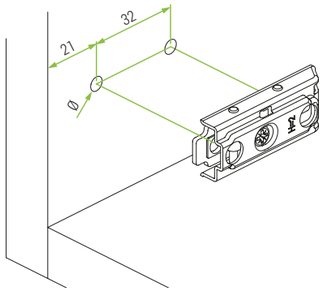


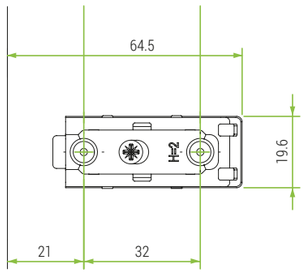
A45

CUP HOLE DISTANCE 45x9.5 mm



Mounting Plates
Series Omnia L



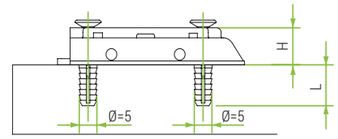


Metal linear mounting plate. Fixing by Expanding dowels Ø5mm. Independent vertical adjustment with CAM.

Height	Material	Code
H0	Metal	OMNPL300L0
H2	Metal	OMNPL300L2

** dowel:9mm

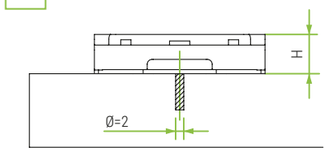
21



Metal cruciform mounting plate. Fixing Selftapping screw. Vertical adjustmen
(For screws see page 25)

Height	Material	Code
H0	Metal	OMNPL10000
H2	Metal	OMNPL10002

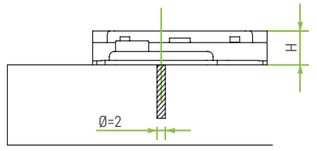
37



Metal cruciform mounting plate. Fixing by Selftapping screw. Independent vertical adjustment with CAM.
(For screws see page 25)

Height	Material	Code
H0	Metal	OMNPL1C000
H2	Metal	OMNPL1C002

37

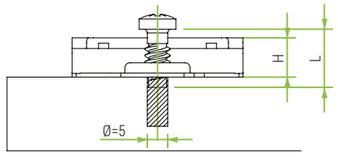


Metal cruciform mounting plate. Fixing by premounted Euro screws. Vertical adjustment.

Height	Material	Code
H0	Metal	OMNPL20000
H2	Metal	OMNPL20002

** euro screw: 14mm

37

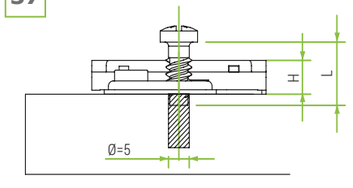


Metal cruciform mounting plate. Fixing by premouned Euro screws. Independent vertical adjustment with CAM.

Height	Material	Code
H0	Metal	OMNPL2C000
H2	Metal	OMNPL2C002

** euro screw: 14mm

37

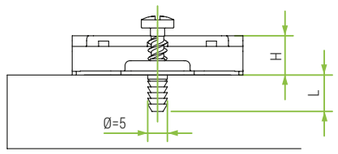


Metal cruciform mounting plate. Fixing by Expanding dowels Ø5mm. Vertical adjustment.

Height	Material	Code
H0	Metal	OMNPL30000
H2	Metal	OMNPL30002

** dowel: 9mm

37



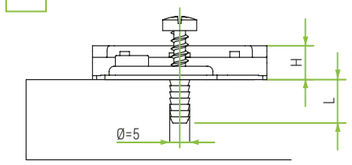
37

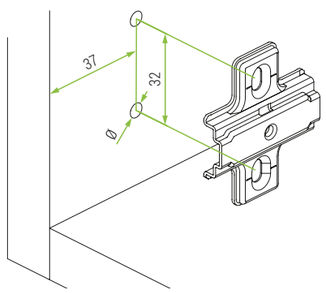
Metal cruciform mounting plate. Fixing by Expanding dowels Ø5mm. Independent vertical adjustment with CAM.

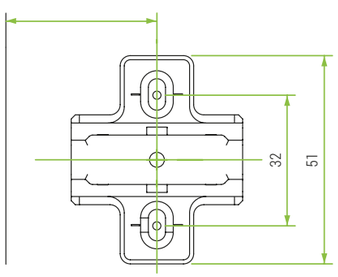
Height	Material	Code
H0	Metal	OMNPL3C000
H2	Metal	OMNPL3C002

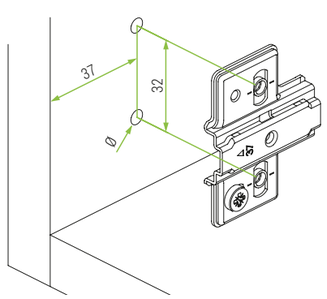
** dowel: 9mm

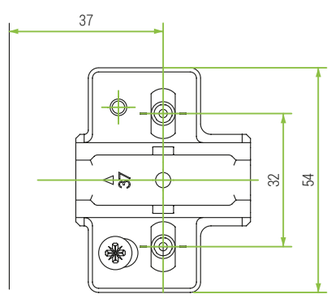
37

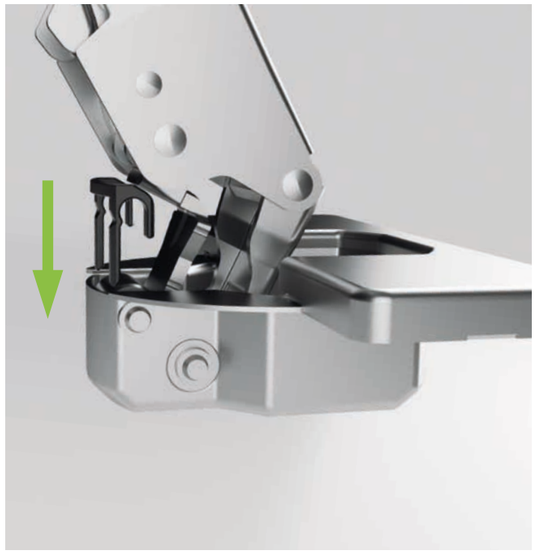












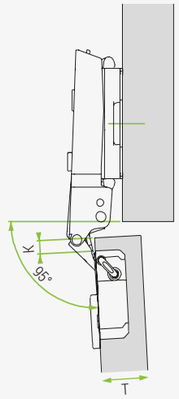
Technical Specifications:

- Stopper device 95°
- Application with Omnia L hinge Crank 0, 8, 15 and Angle 24°, 30°, 45°, 90°
- Made in black plastic

Opening angle stopper

Code	Description	Packing
OMNANGLE	Opening angle stopper	100pcs

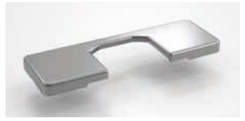
Assembly Instruction



Distance (A)
Open 95°
Drilling distance (K)
Door thickness (T)

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=	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
K=3	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1	1.2	1.4	1.6	2.4	3.2	4.1	5	5.9	6.8
K=4	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1	1.2	1.4	1.6	2	2.8	3.6	4.4	5.3	6.2
K=5	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	1.9	2.5	3.2	4	4.8	5.6
K=6	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	1.9	2.3	2.9	3.6	4.4	5.2
K=7	A=	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1	1.2	1.4	1.6	1.9	2.1	2.7	3.4	4.1	4.8



Hinge Arm cover cap.

Application	Material	Code
For Crank 0 and Angles	Steel	OMNARM000

Application	Material	Code
Cup plate	Steel	OMNCUP000