

Silentia ·Silentia



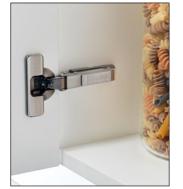


Catalogue index



Silentia+ Series 100

page 9



Silentia+ Series 200 for thicker doors

page 17



Silentia+ Series 300

page 29



Silentia+ Series 700

page 35



Silentia For metal profiles

page 49



Silentia Series 800

page 55



Silentia Series 900

page 61





Accessories

page 67





The state of the soft-close art.

Silentia+ allows a perfect and constant closing of the door in any condition, use and application.

The innovative soft-close technology guarantees excellent performances to the complete range of hinges. Silentia+ includes numerous technological elements in the required spaces and maintains the aesthetics of the hinges of the first generation.





Silentia

Second generation

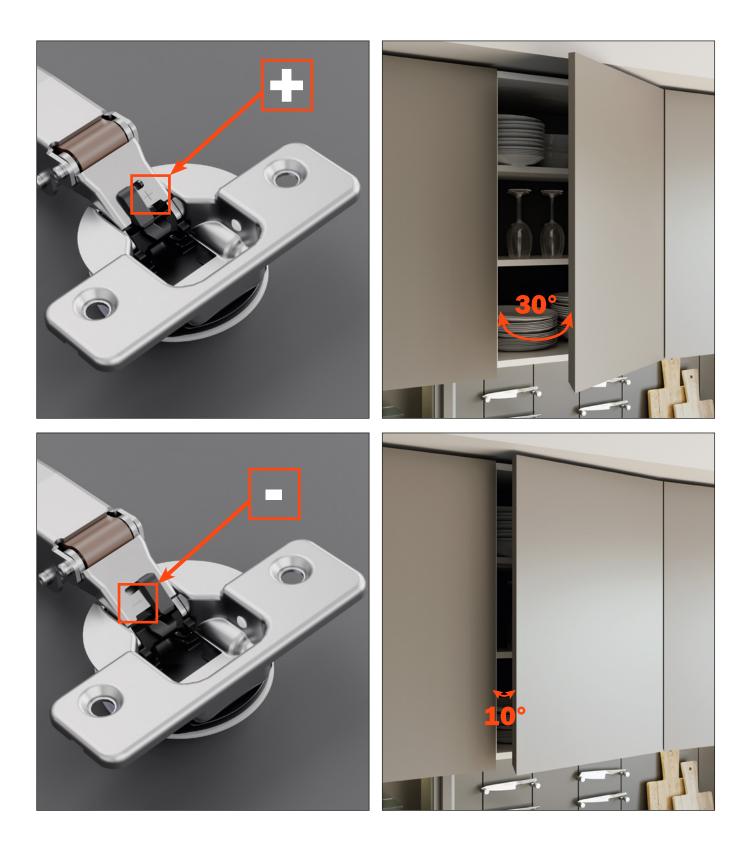
Integrated soft-close technology with two silicone oil dampers.

The two integrated dampers guarantee an exceptional regularity of the decelerating strength providing a perfect closing to any kind of door and condition.



Ever-optimal soft-close action

Silentia+ is also equipped with the innovative switch to delay the decelerating action. The activation of this switch allows, even to special doors, to obtain the ideal decelerating strength.





Technical features

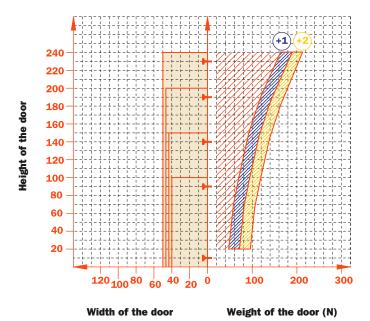
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.

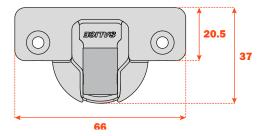
The decelerating effect is adjusted by using a simple switch.

Bright nickel plated steel cup and arm. Dimensions of the \emptyset 35 mm cup. Hinges for doors of small weight and thickness.

Constant "L" value of 1.3 mm (it does not change during side adjustment).

Approx. number of hinges required according to the door dimension and weight.







Adjustments

Compensated side adjustment from -1.5 mm to +4.5 mm. Height adjustment ± 2 mm.

Depth adjustment with Series 200 mounting plates +2.8 mm. Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm. Anti-sliding safety stop.

Mounting plates

Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates. Snap-on assembly on Domi mounting plates. Positioning with pre-determined stop on traditional Series 200 mounting plates.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

	48 + 6 ³⁵ + K	45 6 <u>3</u> 5 9.5	52
	105°	105°	105°
Wood screw	A	Р	U

			52 635 <u>ø10</u> 5.5
	105°	105°	105°
Rapido	6	7	2
Dowel	В	R	w
Logica	Ι	J	Q

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C1_6AE9.

Fill this position with the chosen letter or number.





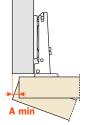
Technical information

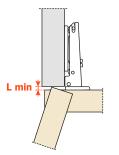
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Hinges for doors of small weight and thickness. 12 mm deep cup. 105° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Space needed to open the door





	T=	15	16	17	18	19	20
K=3	A=	1.0	1.0	1.2	1.4	1.6	1.9
K=4	A=	0.9	1.0	1.2	1.3	1.5	1.8
K=5	A=	0.9	1.0	1.1	1.2	1.5	1.8
K=6	A=	0.9	1.0	1.1	1.2	1.4	1.7

	T=	15	16	17	18	19	20
K=3	L=	0.0	0.0	0.0	0.0	0.1	0.3
K=4	L=	0.4	0.6	0.7	0.9	1.1	1.2
K=5	L=	1.0	1.0	1.2	1.8	2.0	2.0
K=6	L=	1.6	1.8	2.0	2.1	2.3	2.5

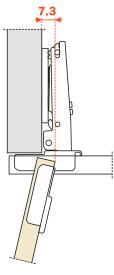
The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

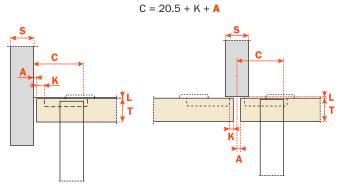
Projection of the door

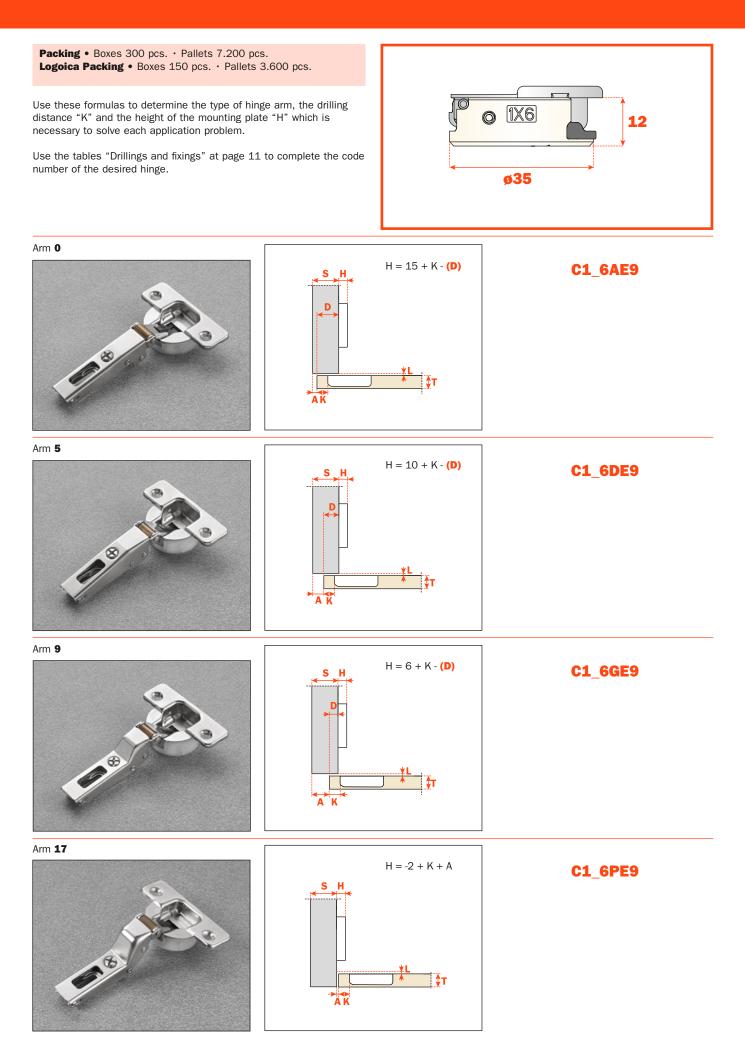
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

"C" value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above $L \cdot K \cdot T$ values.









Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

The solution of assembly problems where doors are mounted at a positive angle requires the verification of drilling distances by a practical trial.

Please do not hesitate to consult our technical support department for assistance.

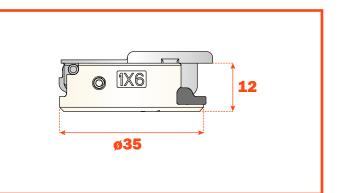
Use the tables "Drillings and fixings" at page 11 to complete the code number of the desired hinge.

Technical Information

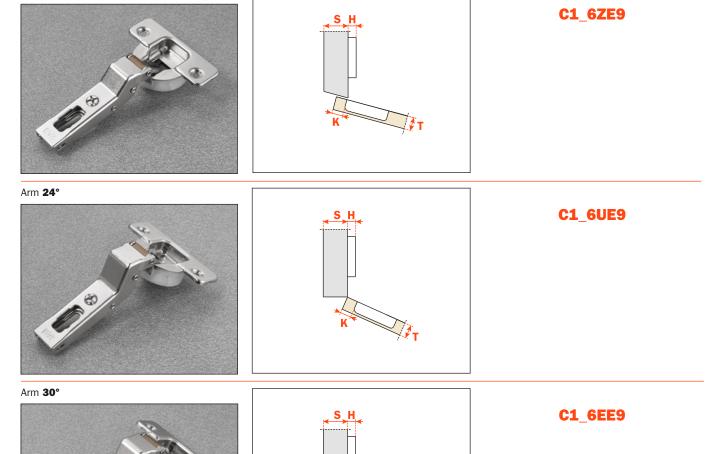
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

For wooden doors with positive angled assembly. Hinges for doors of small weight and thickness. 12 mm deep cup.

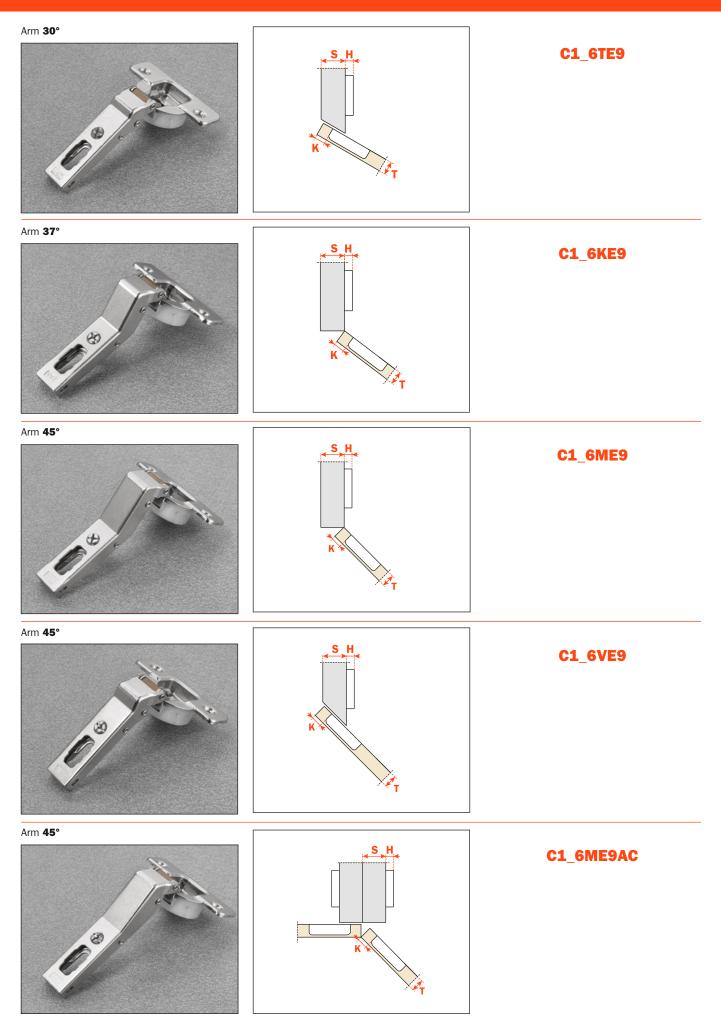
105° opening. Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

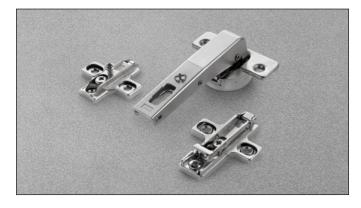






65





Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

Use the tables "Drillings and fixings" at page 11 to complete the code number of the desired hinge.

Technical Information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Crampon hinges. For cabinet sides with 37x32 standard drilling. Hinges for doors of small weight and thickness. 12 mm deep cup.

105° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

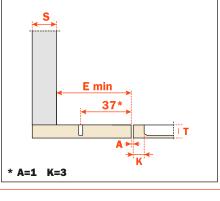
1X6

ø35

O



Heights of mounting plates for every assembly.



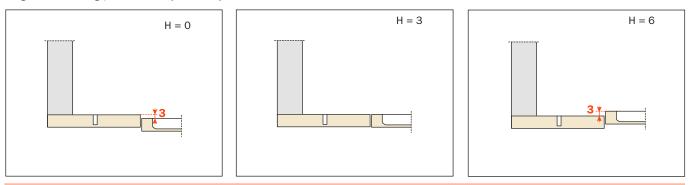
C1_6NE9AC

12

E min:

 $\cdot 61 \text{ mm}$ for Series 200 mounting plates.

- ·70 mm for Domi snap-on mounting plates.
- ·74 mm for Domi snap-on mounting plates
- with back cam.



Silentia • Series 200 for thicker doors



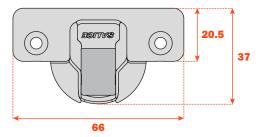
Silentia_ • Series 200 for thicker doors

Technical features

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.

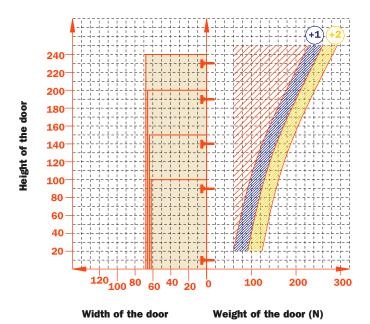
The decelerating effect is adjusted by using a simple switch.

Bright nickel plated steel cup and arm. Dimensions of the \emptyset 35 mm cup.



Constant "L" value of 1.3 mm (it does not change during side adjustment).

Approx. number of hinges required according to the door dimension and weight.





Adjustments

Compensating side adjustment from -1.5 mm to +4.5 mm. Height adjustment ± 2 mm.

Depth adjustment with Series 200 mounting plates +2.8 mm. Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm. Anti-sliding safety stop.

Mounting plates

Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates. Snap-on assembly on Domi mounting plates. Positioning with pre-determined stop on traditional Series 200 mounting plates.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

	48 48	6 K	45		52 + 635 + K		
	94 °	155°	94 °	155°	94 °	155°	
Wood screw	A	A	Ρ	Ρ	U	U	

			45 + \$35 Ø8 + \$5	<u>к</u> 9.5	52 K <u>ø10</u> 5.5		
	94 °	155°	94 °	155°	94 °	155°	
Rapido	6	6	7	7	2	2	
Dowel	В	В	R	R	w	W	
Logica	I	I	J	J	Q	Q	

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C2_BAE9.

Fill this position with the chosen letter or number.





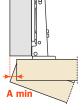
Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

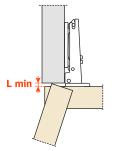
Hinges for min. 18 mm thick doors. 15.5 mm deep cup. 94° opening.

Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Space needed to open the door



	T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
K=3	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.6	2.6	3.5	4.5	5.4	6.4	7.4	8.3	9.3
K=4	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9	2.8	3.8	4.7	5.7	6.6	7.6	8.6
K=5	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	2.2	3.1	4.1	5.0	5.9	6.9	7.8
K=6	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.7	2.6	3.5	4.4	5.3	6.2	7.2
K=7	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.3	1.6	2.1	3.0	3.8	4.7	5.6	6.5
K=8	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8	2.5	3.3	4.2	5.1	6.0
k=9	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.5	1.8	2.1	2.9	3.7	4.6	5.4



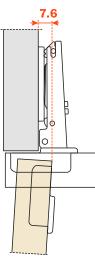
К	3	4	5	6	7	8	9
L=	0.0	0.0	0.0	0.0	0.0	0.3	1.3

The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

Projection of the door

Projection of the door from the cabinet side at the max. opening.

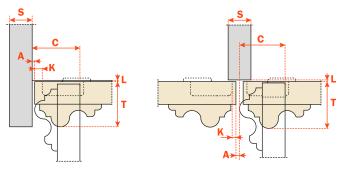
The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

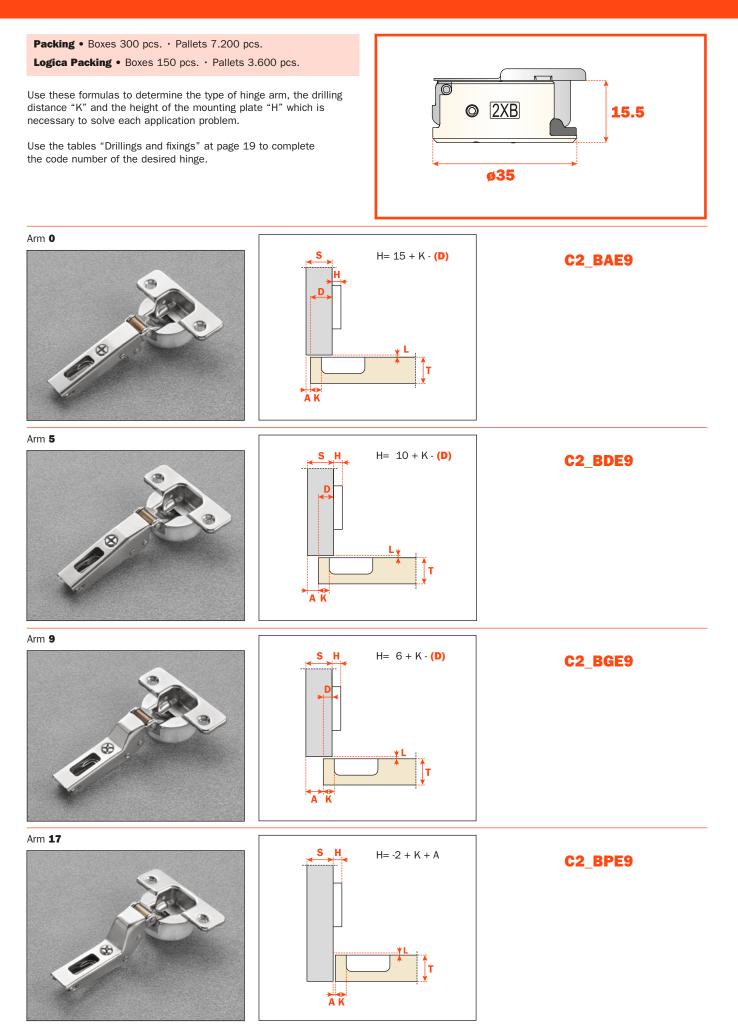


"C" value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above $L \cdot K \cdot T$ values.









Space needed to open the door

Technical information

Hinges with integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.

Hinges for thick doors 16 mm min. Hinge with greater opening angle and reduced operating profile 13.5 mm deep cup. 155° opening.

Possible drilling distance on the door (K): from 3 to 8 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

	T=	16	18	20	22	24	25	26	27	28
K=3	A=	0.0	0.0	0.0	0.0	0.0	0.10	0.40	0.75	1.20
K=4	A=	0.0	0.0	0.0	0.0	0.0	0.15	0.45	0.85	1.35
K=5	A=	0.0	0.0	0.0	0.0	0.0	0.20	0.50	0.95	120° 1.70
K=6	A=	0.0	0.0	0.0	0.0	0.0	0.25	0.60	1.10	120° 1.95
K=7	A=	0.0	0.0	0.0	0.0	0.0	0.30	0.70	1.30	92° 2.30
K=8	A=	0.0	0.0	0.0	0.0	0.0	0.35	0.85	120° 1.70	92° 2.80
K=9	A=	0.0	0.0	0.0	0.0	0.15	0.55	1.20	92° 2.15	

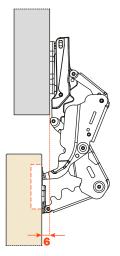
With opening stop device to 92° art. S2BM37XG With opening stop device to 120° art. S2AM37XG

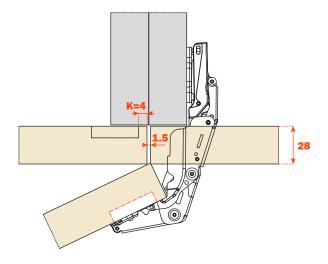
The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

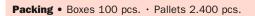
"C" value

Spaces with removable components.

The door combined with a mounting plate H=0 and a straight arm hinge opens at 90° with lateral door protrusion of 6 mm.



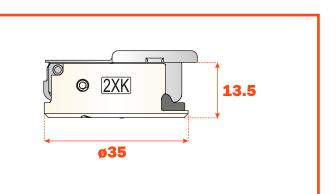


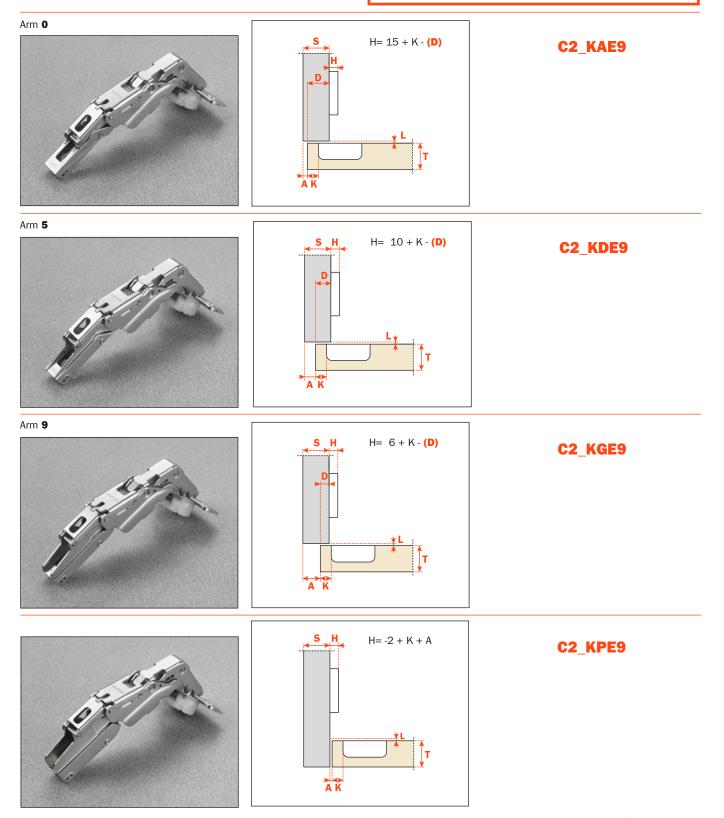


Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.

To limit the opening of the hinge, see page 67 chapter "Accessories".

Use the tables "Drillings and fixings" at page 19 to complete the code number of the desired hinge.







Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

The solution of assembly problems where doors are mounted at a positive angle requires the verification of drilling distances by a practical trial.

Please do not hesitate to consult our technical support department for assistance.

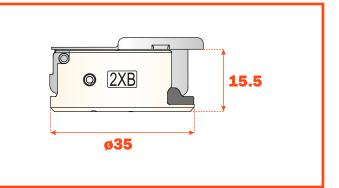
Use the tables "Drillings and fixings" at page 19 to complete the code number of the desired hinge.

Technical information

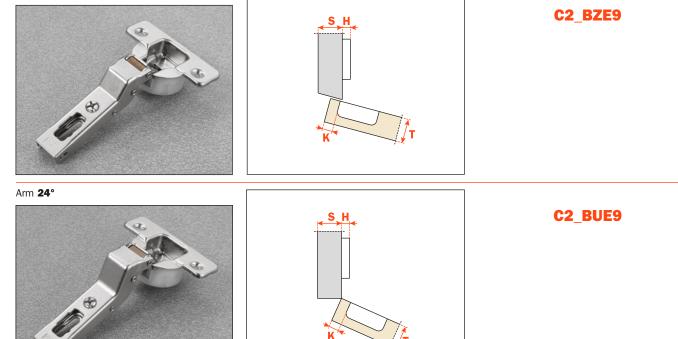
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

For wooden doors with positive angled assembly. Hinges for min. 18 mm thick doors. 15.5 mm deep cup. 94° opening.

Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

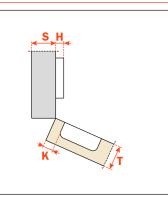




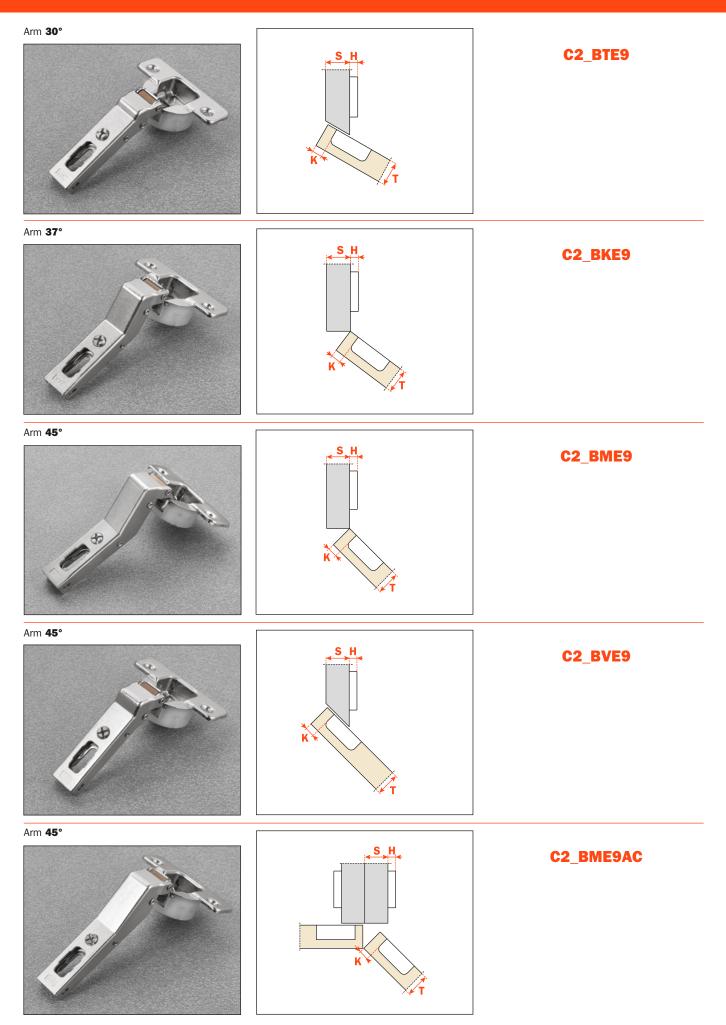


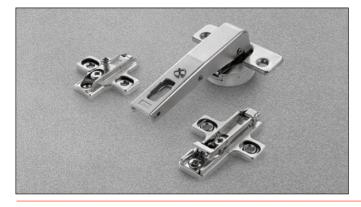
Arm **30°**





C2_BEE9





Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

Use the tables "Drillings and fixings" at page 19 to complete the code number of the desired hinge.

Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Crampon hinges. For cabinet sides with 37x32 mm standard drilling. Hinges for min. 18 mm thick doors. 15.5 mm deep cup. 94° opening.

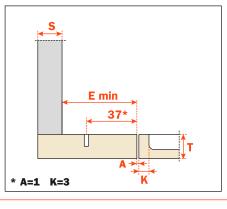
© 2XB

ø35

Possible drilling distance on the door (K): from 3 to 9 m. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.



Heights of mounting plates for every assembly.



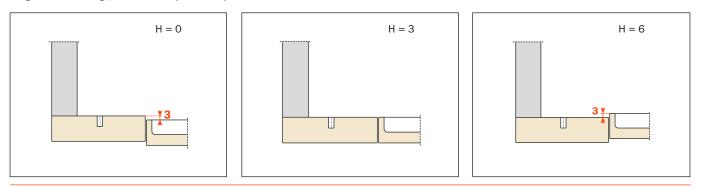
C2_BNE9AC

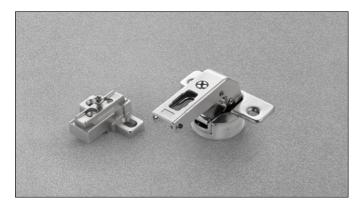
15.5

E min:

 $\cdot 61 \text{ mm}$ for Series 200 mounting plates.

- •70 mm for Domi snap-on mounting plates.
- •74 mm for Domi snap-on mounting plates
- with back cam.





Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

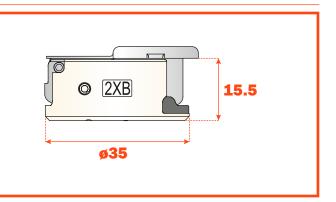
Crampon hinges. For smaller spaces with 15x32 mm drilling. Hinges for min. 18 mm thick doors. 15.5 mm deep cup.

94° opening.

Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates, 28x32 mm drilling. **NOT COMPATIBLE** with Domi snap-on mounting plates.

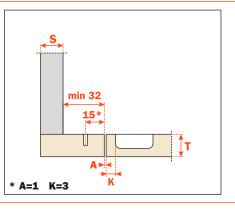
Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

Use the tables "Drillings and fixings" at page 19 to complete the code number of the desired hinge.

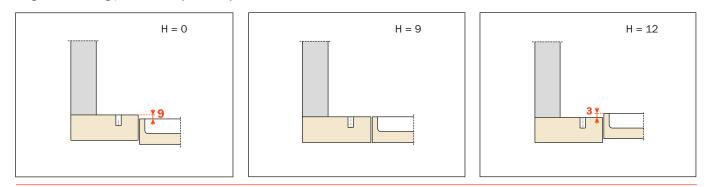




Heights of mounting plates for every assembly.







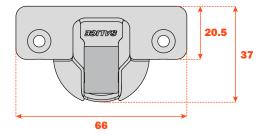


Technical features

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.

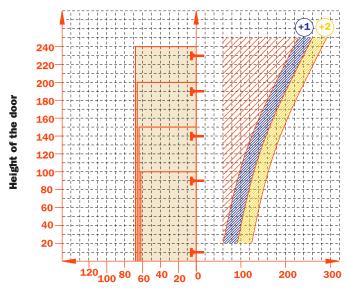
The decelerating effect is adjusted by using a simple switch.

Bright nickel plated steel cup and arm. Dimensions of the \emptyset 35 mm cup.



Constant "L" value of 1.3 mm (it does not change during side adjustment).

Approx. number of hinges required according to the door dimension and weight.



Width of the door

Weight of the door (N)



Adjustments

Compensating side adjustment from -1.5 mm to +3 mm. Height adjustment \pm 1.5 mm by cam. Depth adjustment with Series 300 mounting plates +2.8 mm. Anti-sliding safety stop.

Mounting plates

Asymmetrical bright nickel plated die-cast Series 300 mounting plates. Positioning with pre-determined stop.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

	48 K	45 K 9.5	52 635 55.5
	94 °	94 °	94 °
Wood screw	A	Ρ	U

		9.5 K	K 635 910 5.5
	94 °	94 °	94 °
Dowel	В	R	w

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C3_BAE9.

Fill this position with the chosen letter or number.





Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Hinges for min. 18 mm thick doors.
15.5 mm deep cup.
94° opening.
Possible drilling distance on the door (K): from 3 to 9 mm.
Compatible with all traditional Series 300 mounting plates.

Space needed to open the door

T=

19

20

21

22

23

24

25

<u>A min</u>	

	K=3	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.6	2.6	3.5	4.5	5.4	6.4	7.4	8.3	9.3
	K=4	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9	2.8	3.8	4.7	5.7	6.6	7.6	8.6
	K=5	A=	0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	2.2	3.1	4.1	5.0	5.9	6.9	7.8
	K=6	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.7	2.6	3.5	4.4	5.3	6.2	7.2
7	K=7	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.3	1.6	2.1	3.0	3.8	4.7	5.6	6.5
	K=8	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8	2.5	3.3	4.2	5.1	6.0
	K=9	A=	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.5	1.8	2.1	2.9	3.7	4.6	5.4

26

27

28

29

30

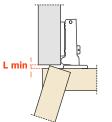
31

32

33

34

35



K=	3	4	5	6	7	8	9
L=	0.0	0.0	0.0	0.0	0.0	0.3	1.3

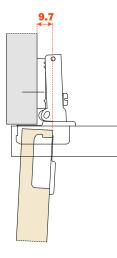
The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

Projection of the door

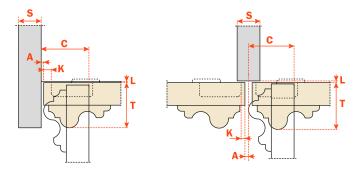
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

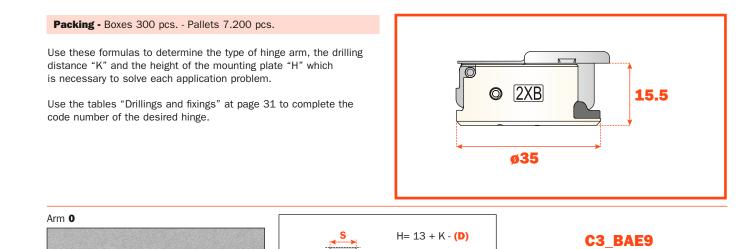
"C" value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above L·K·T values.



C=22.5 + K + A





D

A K

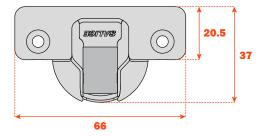




Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.

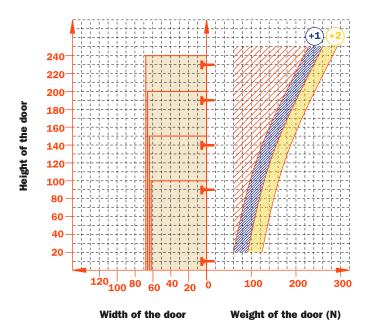
The decelerating effect is adjusted by using a simple switch.

Bright nickel plated steel cup and arm. Dimensions of the \emptyset 35 mm cup.



Constant "L" value of 1.3 mm (it does not change during side adjustment).

Approx. number of hinges required according to the door dimension and weight.





Adjustments

Compensated side adjustment from -1.5 mm to +4.5 mm. Height adjustment ± 2 mm.

Depth adjustment with Series 200 mounting plates +2.8 mm. Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm.

Anti-sliding safety stop.

Mounting plates

Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates. Snap-on assembly on Domi mounting plates. Positioning with pre-determined stop on traditional Series 200 mounting plates.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

	48 6		45	9.5	52 + 035 + K 5.5		
	110 °	155°	110 °	155°	110 °	155°	
Wood screw	A	A	Ρ	Ρ	U	U	

	48 + \$ ³⁵ ø10	48 635		9.5	52 635 ø10 5.5		
	110 °	155°	110 °	155°	110 °	155°	
Rapido	6	6	7	7	2	2	
Dowel	В	В	R	R	w	w	
Logica	I	I	J	J	Q	Q	

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C7_6AE9.

Fill this position with the chosen letter or number.





16

T=

17

18

19

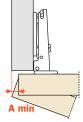
Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Hinges for min. 16 mm thick doors. 13.5 mm deep cup. 110° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Space needed to open the door



K=3	A=	0.7	0.9	1.1	1.3	1.6	1.9	2.2	2.6	3.2	4.4	5.7
K=4	A=	0.6	0.8	1.1	1.3	1.6	1.8	2.2	2.5	2.9	3.4	4.7
K=5	A=	0.6	0.8	1.0	1.3	1.5	1.8	2.1	2.4	2.8	3.2	3.7
K=6	A=	0.6	0.8	1.0	1.2	1.5	1.8	2.1	2.4	2.7	3.1	3.6

20

21

22

23

24

25

26

	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.9
K=4	L=	0.0	0.0	0.0	0.3	0.5	0.7	0.9	1.1	1.4	1.6	1.8
K=5	L=	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1	2.4	2.6	2.8
K=6	L=	1.5	1.8	2.0	2.2	2.4	2.7	2.9	3.1	3.3	3.6	3.8

The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

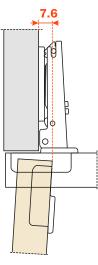
Projection of the door

L min

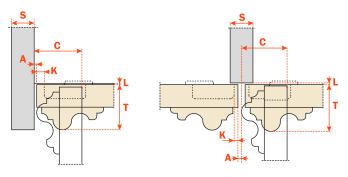
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

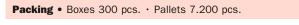
"C" value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above $L \cdot K \cdot T$ values.



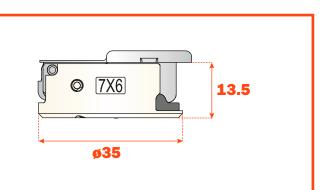
C=22.5 + K + A

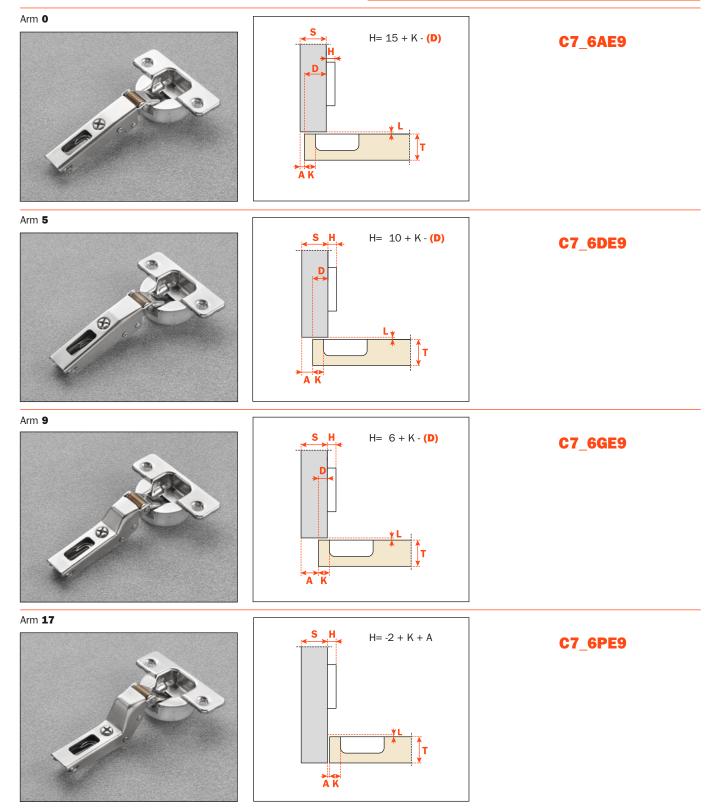




Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.

Use the tables "Drillings and fixings" at page 37 to complete the code number of the desired hinge.







Space needed to open the door

Technical information

Hinges with integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.

Hinges for thick doors 16 mm min.
Hinge with greater opening angle and reduced operating profile.
13.5 mm deep cup.
155° opening.

Possible drilling distance on the door (K): from 3 to 8 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

	T=	16	18	20	22	24	25	26	27	28
K=3	A=	0.0	0.0	0.0	0.0	0.0	0.10	0.40	0.75	1.20
K=4	A=	0.0	0.0	0.0	0.0	0.0	0.15	0.45	0.85	1.35
K=5	A=	0.0	0.0	0.0	0.0	0.0	0.20	0.50	0.95	120° 1.70
K=6	A=	0.0	0.0	0.0	0.0	0.0	0.25	0.60	1.10	120° 1.95
K=7	A=	0.0	0.0	0.0	0.0	0.0	0.30	0.70	1.30	92° 2.30
K=8	A=	0.0	0.0	0.0	0.0	0.0	0.35	0.85	120° 1.70	92° 2.80
K=9	A=	0.0	0.0	0.0	0.0	0.15	0.55	1.20	92° 2.15	

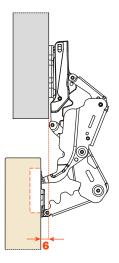
With opening stop device a 92° art. S2BM37XG With opening stop device a 120° art. S2AM37XG

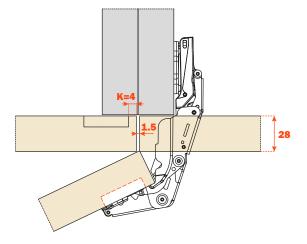
The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

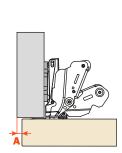
Spaces with removable components.

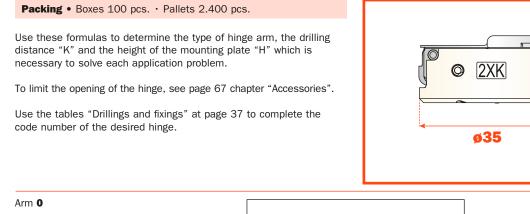
"C" value

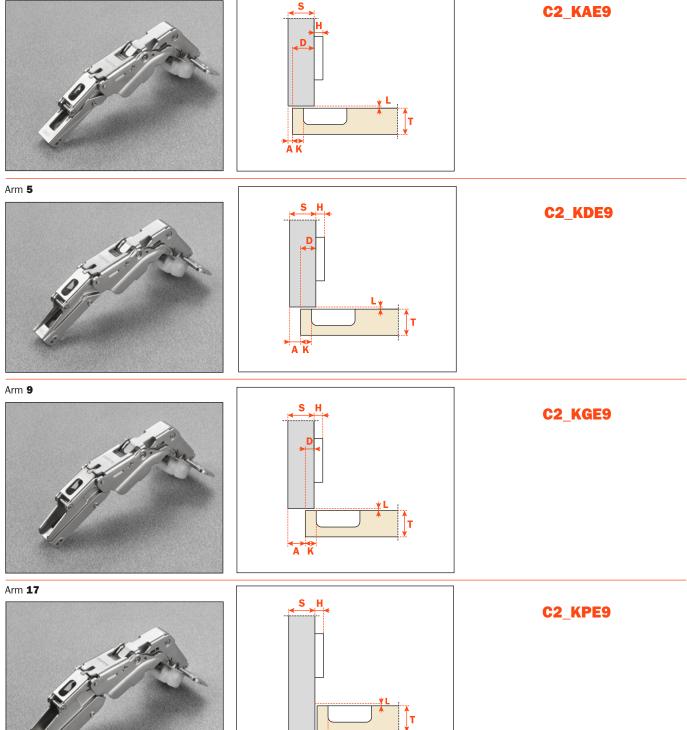
The door combined with a mounting plate H=0 and a straight arm hinge opens at 90° with lateral door protrusion of 2 mm.











A K

13.5



Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

The solution of assembly problems where doors are mounted at a positive angle requires the verification of drilling distances by a practical trial.

Please do not hesitate to consult our technical support department for assistance.

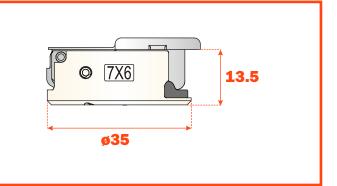
Use the tables "Drillings and fixings" at page 37 to complete the code number of the desired hinge.

Technical information

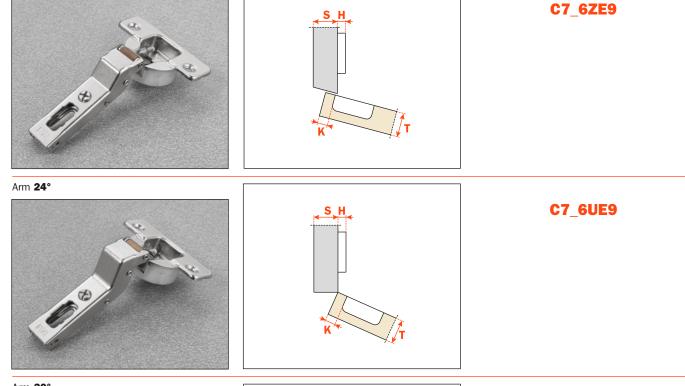
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

For wooden doors with positive angled assembly. Hinges for min. 16 mm thick doors. 13.5 mm deep cup. 110° opening.

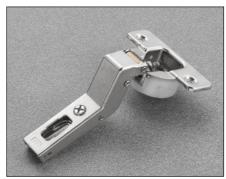
Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

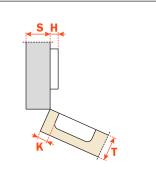




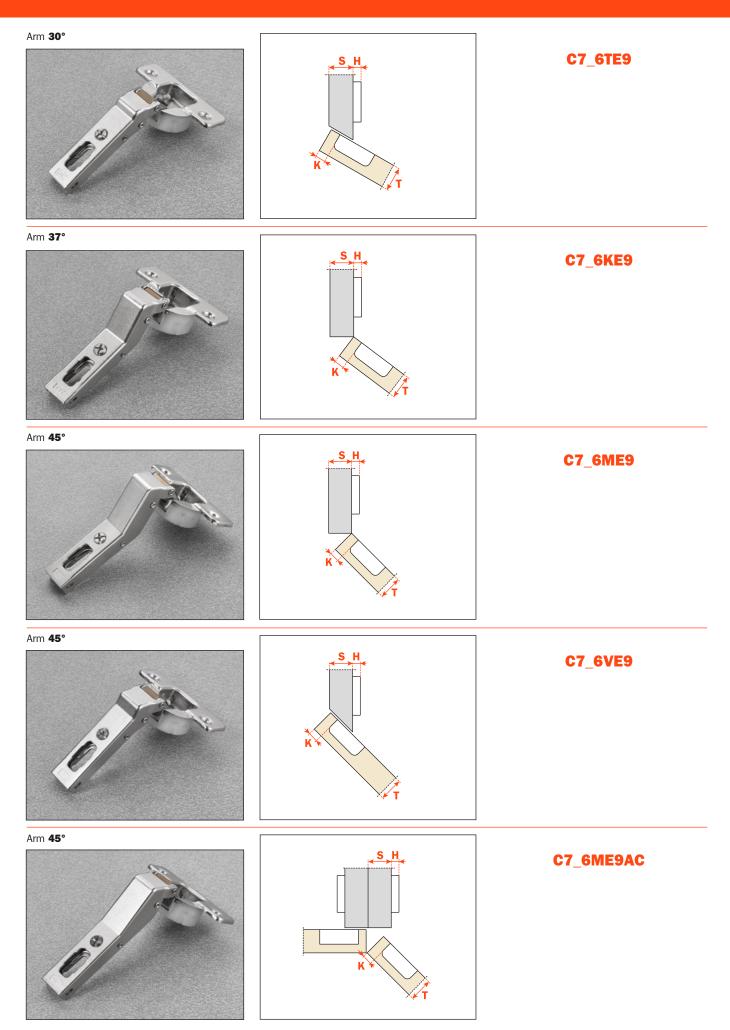


Arm **30°**





C7_6EE9







Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

The solution of assembly problems where doors are mounted at a negative angle requires the verification of drilling distances by a practical trial.

Please do not hesitate to consult our technical support department for assistance.

Use the tables "Drillings and fixings" at page 37 to complete the code number of the desired hinge.

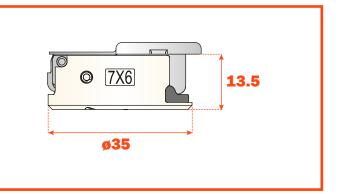
Technical information

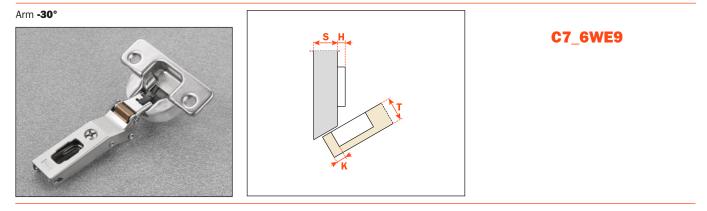
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

For wooden doors with negative angled assembly. Hinges for min. 16 mm thick doors. 13.5 mm deep cup.

110° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.







Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

Use the tables "Drillings and fixings" at page 37 to complete the code number of the desired hinge.

Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Crampon hinges.

For cabinet sides with 37x32 mm standard drilling. Hinges for min. 16 mm thick doors. 13.5 mm deep cup.

7X6

ø35

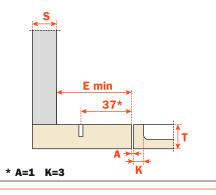
0

110° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.



Heights of mounting plates for every assembly.



C7_6NE9AC

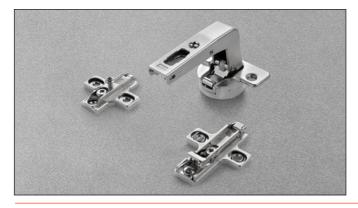
13.5

E min:

·61 mm for Series 200 mounting plates.

- •70 mm for Domi snap-on mounting plates.
- ·74 mm for Domi snap-on mounting plates
- with back cam.

H = 0 H = 3 H = 3 H = 6 H = 6 H = 6 H = 6



Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

Use the tables "Drillings and fixings" at page 37 to complete the code number of the desired hinge.

Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Long crampon hinges. Hinges for min. 16 mm thick doors. 13.5 mm deep cup.

110° opening. Possible drilling distance on the door (K): from 3 to 6 m. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

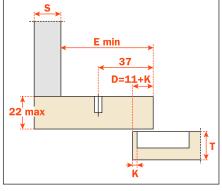
7X6

ø35

0



Heights of mounting plates for every assembly.



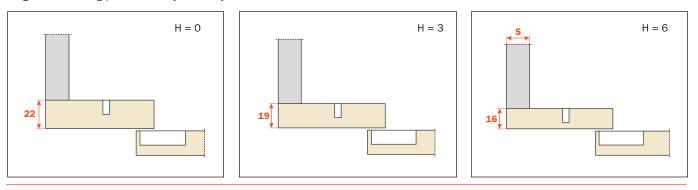
C7_6NE9AM

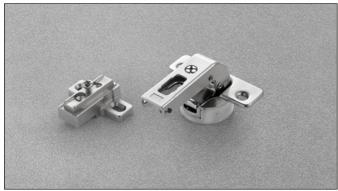
13.5

E min:

 $\cdot 61 \text{ mm}$ for Series 200 mounting plates.

- $\cdot\,70$ mm for Domi snap-on mounting plates.
- \cdot 74 mm for Domi snap-on mounting plates
- with back cam.





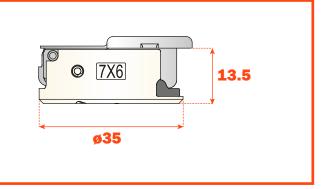
Technical information

Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup. The decelerating effect is adjusted by using a simple switch.

Crampon hinges. For smaller spaces with 15x32 mm drilling. Hinges for min. 16 mm thick doors. 13.5 mm deep cup. 110° opening. Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates, 28x32 mm drilling. NOT COMPATIBLE with Domi snap-on mounting plates.

Packing • Boxes 150 pcs. • Pallets 3.600 pcs.

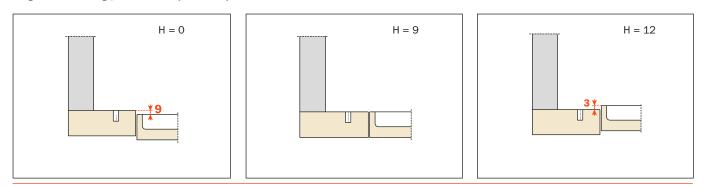
Use the tables "Drillings and fixings" at page 37 to complete the code number of the desired hinge.



C7_6NE9



Heights of mounting plates for every assembly.



S,

* A=1 K=3

min 32

Silentia • For metal profiles



Silentia · For metal profiles



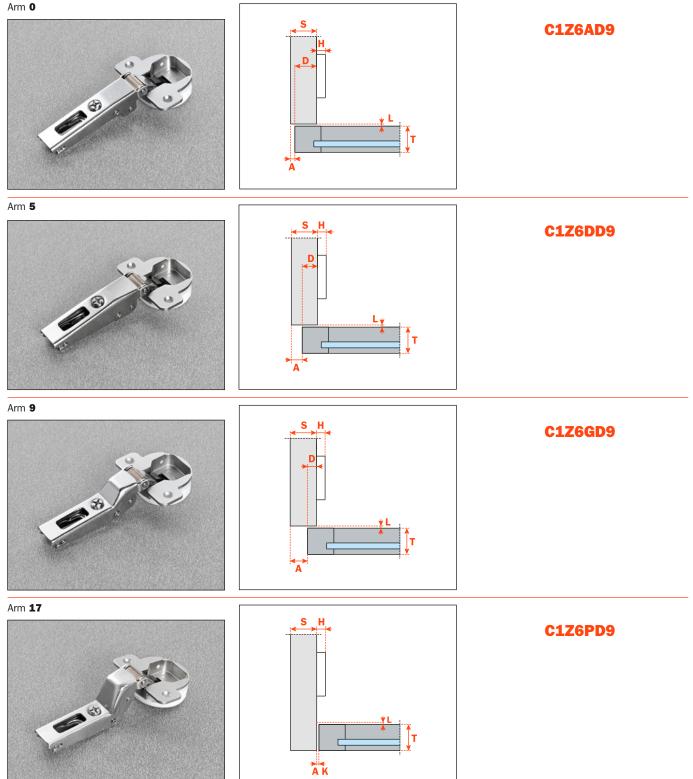
Technical information

Hinges with integrated soft-close mechanism in the hinge cup.

Hinges specially developed for use with metal profiles. 105° opening.

We recommend the use of countersunk flat head self tapping screws Ø 2.9x6.5 UNI 6955 DIN 7982 to fix C1Z6 hinges. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Packing • Boxes 150 pcs. • Pallets 3.600 pcs.





Technical information

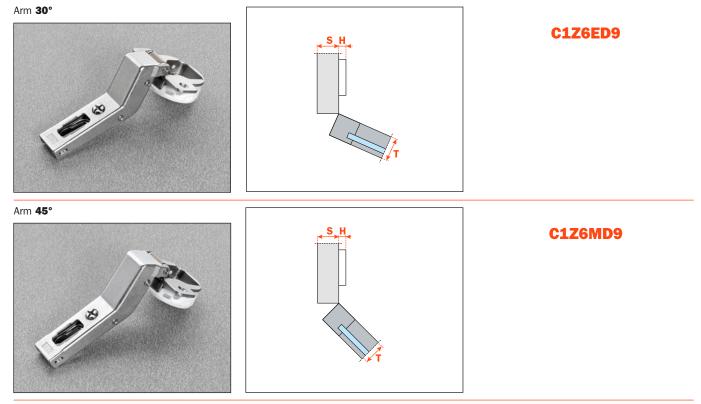
Hinges with integrated soft-close mechanism in the hinge cup.

For doors with positive angled assembly. Hinges specially developed for use with metal profiles. 105° opening.

We recommend the use of countersunk flat head self tapping screws ø 2.9x6.5 UNI 6955 DIN 7982 to fix C1Z6 hinges. Compatible with all traditional Series 200 mounting plates and with

Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Packing • Boxes 150 pcs. • Pallets 3.600 pcs.





Technical information

Hinges with integrated soft-close mechanism in the hinge cup.

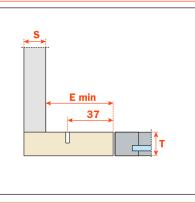
Crampon hinges.

For cabinet sides with 37x32 mm standard drilling. Hinges specially developed for use with metal profiles. 105° opening.

We recommend the use of countersunk flat head self tapping screws ø 2.9x6.5 UNI 6955 DIN 7982 to fix C1Z6 hinges. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Packing • Boxes 150 pcs. • Pallets 3.600 pcs.





C1Z6ND9AC

E min:

- ·61 mm for Series 200 mounting plates.
- •70 mm for Domi snap-on mounting plates.
- •74 mm for Domi snap-on mounting plates with back cam.



Technical information

Hinges with integrated soft-close mechanism in the hinge cup.

Crampon hinges.

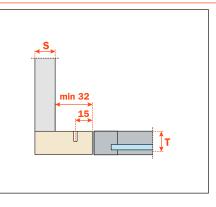
For smaller spaces with 15x32 mm drilling. Hinges specially developed for use with metal profiles. 105° opening.

We recommend the use of countersunk flat head self tapping screws ø 2.9 x 6.5 UNI 6955 DIN 7982 to fix C1Z6 hinges. Compatible with all traditional Series 200 mounting plates, drilling 28x32 mm.

NOT COMPATIBLE with Domi snap-on mounting plates.

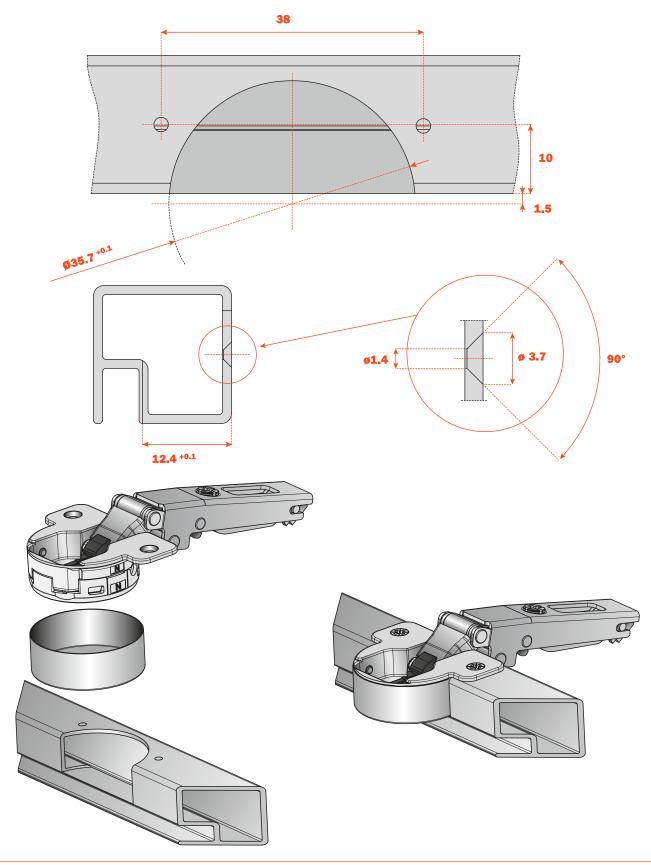
Packing • Boxes 150 pcs. • Pallets 3.600 pcs.





C1Z6ND9

Drilling of the metal profile Countersunk flat head self tapping screws ø 2.9x6.5 UNI 6955 - DIN 7982





D1Z6HSK

Fancy cover for hinge (should be ordered separately)

Silentia • Series 800

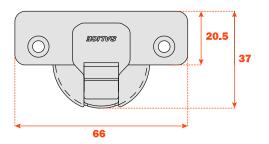


Silentia · Series 800

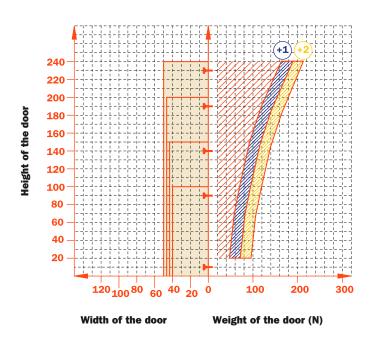
Technical features

Hinges with integrated soft-close mechanism in the hinge cup.

Bright nickel plated steel cup and arm. Dimensions of the \emptyset 35 mm cup.



Approx. number of hinges required according to the door dimension and weight.





Adjustments

Side adjustment from -1.5 mm to +4.5 mm. Height adjustment ± 2 mm. Depth adjustment from -1.5 mm to +3 mm.

Mounting plates

Symmetrical and asymmetrical bright nickel plated steel Series 200 mounting plates.

NOT COMPATIBLE with Series 200 mounting plates with negative height.

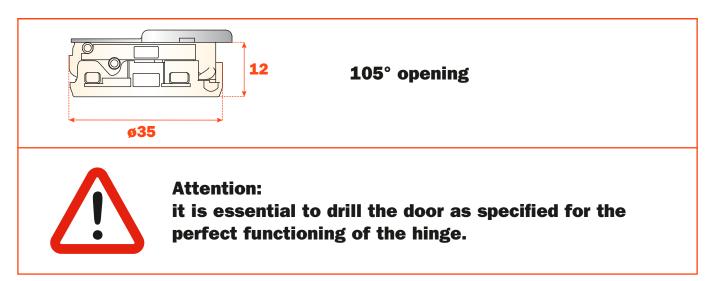
N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

	48 6	45 K 9.5	52 035 K
	105°	105 °	105°
Wood screw	A	Р	U

			52 635 <u>Ø10</u> 5.5
	105°	105 °	105°
Rapido	6	7	2
Dowel	В	R	W

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C8_6CD9.

Fill this position with the chosen letter or number.



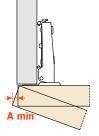


Technical information

Hinges with integrated soft-close mechanism in the hinge cup.

Hinges for doors of small weight and thickness.
12 mm deep cup.
105° opening.
Possible drilling distance on the door (K): from 3 to 6 mm.
Compatible with all traditional steel Series 200 mounting plates.

Space needed to open the door



	T=	15	16	17	18	19	20
K=3	A=	1.0	1.0	1.2	1.4	1.6	1.9
K=4	A=	0.9	1.0	1.2	1.3	1.5	1.8
K=5	A=	0.9	1.0	1.1	1.2	1.5	1.8
K=6	A=	0.9	1.0	1.1	1.2	1.4	1.7

	К
	к
	K
L min	К
	The The

	T=	15	16	17	18	19	20
K=3	L=	0.0	0.0	0.0	0.0	0.1	0.3
K=4	L=	0.4	0.6	0.7	0.9	1.1	1.2
K=5	L=	1.0	1.0	1.2	1.8	2.0	2.0
K=6	L=	1.6	1.8	2.0	2.1	2.3	2.5

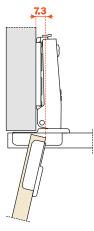
The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

Projection of the door

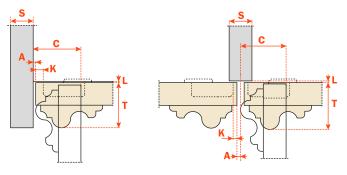
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

"C" value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above $L \cdot K \cdot T$ values.



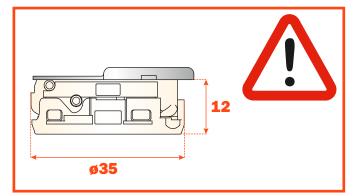
C = 20.5 + K + A

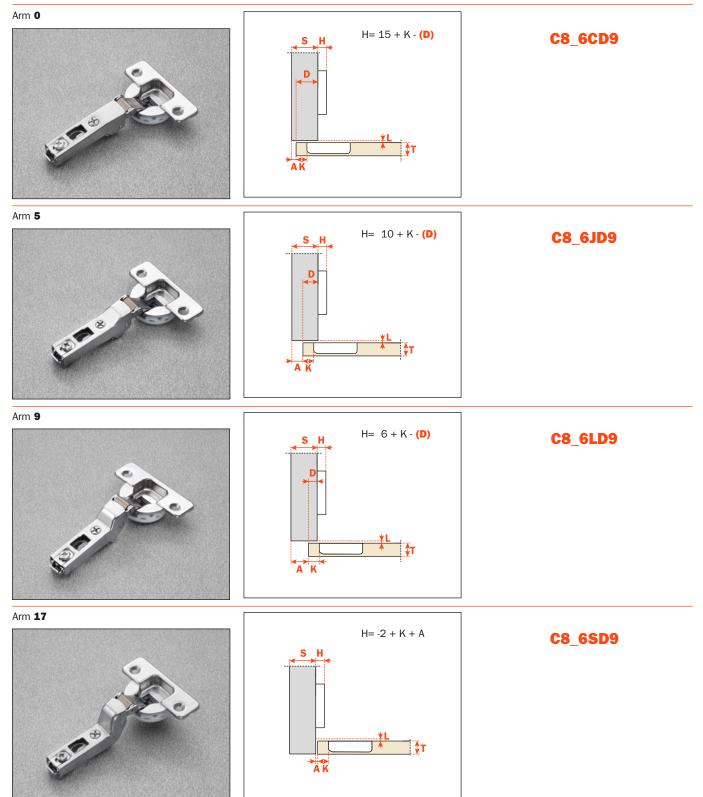


Packing • Boxes 300 pcs. • Pallets 7.200 pcs.

Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.

Use the tables "Drillings and fixings" at page 57 to complete the code number of the desired hinge.





Silentia • Series 900

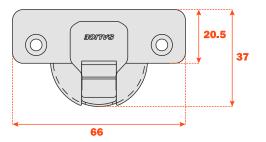


Silentia · Series 900

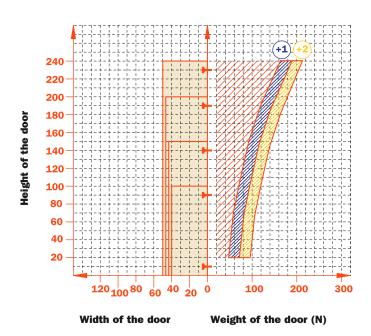
Technical features

Hinges with integrated soft-close mechanism in the hinge cup.

Bright nickel plated steel cup and arm. Dimensions of the \emptyset 35 mm cup.



Approx. number of hinges required according to the door dimension and weight.





Adjustments

Side adjustment from -1.5 mm to +4 mm. Height adjustment ± 2 mm. Depth adjustment +2.5 mm.

Mounting plates

Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates.

NOT COMPATIBLE with Series 200 mounting plates with negative height.

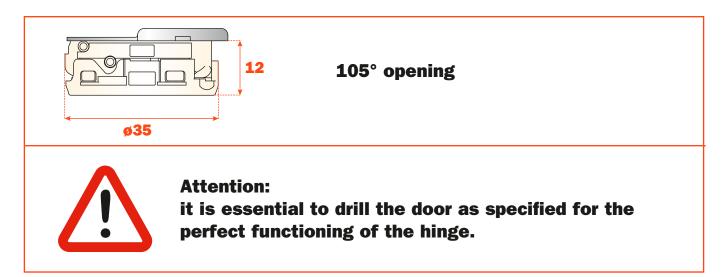
N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

	48 K	45 K 9.5	52 - 035 - 5.5
	105°	105 °	105°
Wood screw	A	Р	U

		45 635 9.5	52 635 ø10 5.5
	105°	105 °	105°
Rapido	6	7	2
Dowel	В	R	W

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C9_6CD9.

Fill this position with the chosen letter or number.





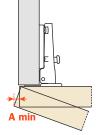
Technical information

Hinges with integrated soft-close mechanism in the hinge cup.

Hinges for doors of small weight and thickness. 12 mm deep cup. 105° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates. **NOT COMPATIBLE** with Domi snap-on mounting plates.

Space needed to open the door



L min 🐇	

	T=	15	16	17	18	19	20
K=3	A=	1.0	1.0	1.2	1.4	1.6	1.9
K=4	A=	0.9	1.0	1.2	1.3	1.5	1.8
K=5	A=	0.9	1.0	1.1	1.2	1.5	1.8
K=6	A=	0.9	1.0	1.1	1.2	1.4	1.7

	T=	15	16	17	18	19	20
K=3	L=	0.0	0.0	0.0	0.0	0.1	0.3
K=4	L=	0.4	0.6	0.7	0.9	1.1	1.2
K=5	L=	1.0	1.0	1.2	1.8	2.0	2.0
K=6	L=	1.6	1.8	2.0	2.1	2.3	2.5

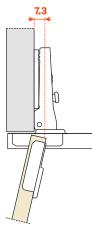
The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed edges.

Projection of the door

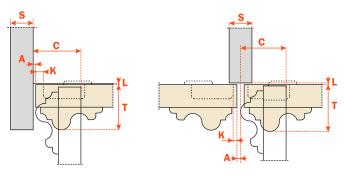
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.

"C" value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcase sides, doors or walls, whilst bearing in mind the above $L \cdot K \cdot T$ values.



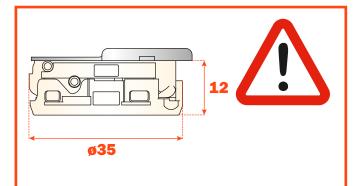
C=20.5 + K + A

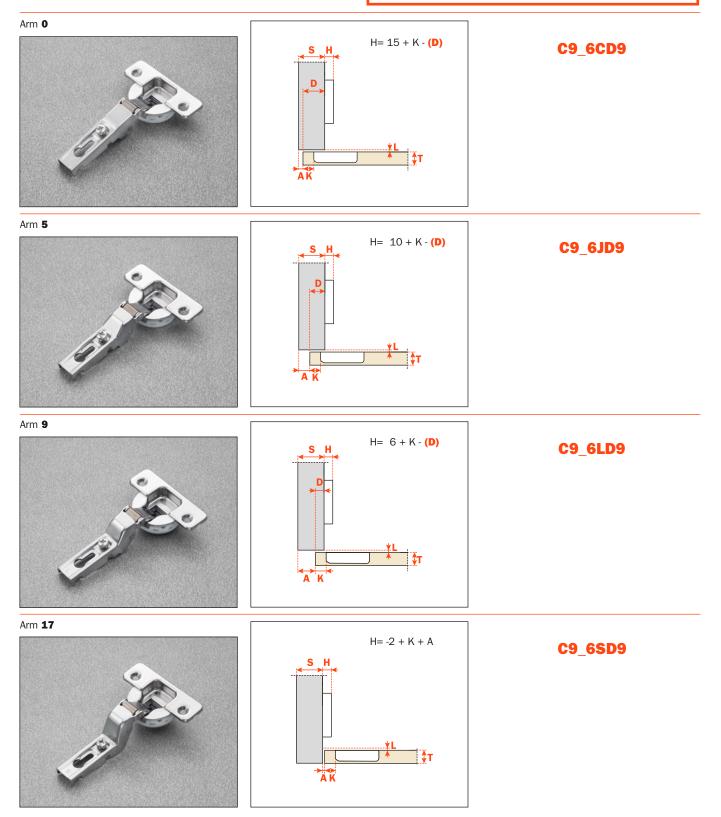


Packing • Boxes 300 pcs. • Pallets 7.200 pcs.

Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.

Use the tables "Drillings and fixings" at page 63 to complete the code number of the desired hinge.





Accessories



Screw cover caps.

S2BX83H9



Symmetrical steel screw cover cap, it can be personalised on request.

For Series 100, 200, 300 and 700 hinges.

S8XX83H9



Symmetrical steel screw cover cap, it can be personalised on request.

For Series 800 hinges.



S9CX83H9

S2MX83H9



Symmetrical steel screw cover cap with embossed logo.

For Series 100, 200, 300 and 700 hinges.

Symmetrical steel screw cover cap with embossed logo.

For Series 800 hinges.

S9XX83H9



Steel symmetrical screw cover cap, it can be personalised on request.

For Series 900 hinges and complementary hinges Series 200 and 700.

Symmetrical steel screw cover cap with embossed logo.

For Series 900 hinges and complementary hinges Series 200 and 700.

Flange cover caps.

S2XX85H9



Steel flange cover cap, it can be personalised on request.

For all Series 100, 200, 300, 700, 800 and 900.

S2CX85H9



Steel flange cover cap with embossed logo.

For all Series 100, 200, 300, 700, 800 and 900.

Spacers, gauge and fancy cover for Silentia hinges.

S2XF86



D_A_AC_SN



Spacer to reduce the drilling depth for 155° hinges.

Gauge to check the diameter

and the depth of the drilling.

D1A6AC3SN = 12 mm **D2ABACGSN =** 15.5 mm **D7A6ACYSN =** 13.5 mm

S2XF86BT = 0.6 mm **S2XF86AT** = 1.2 mm **S2XF86KT** = 1.8 mm

S2XX86



D1Z6HSK



Spacer to reduce the drilling depth for 94°, 105° and 110° hinges.

S2XX86BT = 0.6 mm **S2XX86AT** = 1.2 mm **S2XX86KT** = 1.8 mm

Fancy cover for metal profiles hinges.

Stop devices.

S2A637XF



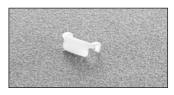


S2BF37XY



For all hinges for thicker doors, it limits opening at about 86°.

S1E637XY



For all Series 100 and 700 hinges, it limits opening at about 86°.



S2AF37X3



For 155° hinges, it limits opening at 135°.



S2BM37XG



For 155° hinges, it limits opening at 92°.

For 155° hinges, it limits opening at 130°.



S2AM37XG





For 155° hinges, it limits opening at 120°.





N	ot	es

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